

HAWAII 2015 HIV CARE CONTINUUM

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UPDATED NATIONAL HIV/AIDS STRATEGY (NHAS) 2020

▪ Three main goals of NHAS 2020

- Reduce new HIV infections
- Increase access to care and improve health outcomes for people living with HIV
- Reduce HIV-related disparities and health inequities

NHAS 2020 HIV Care Continuum Indicators

Selected Indicators	2014 National	2014 Hawaii
Increase the percentage of newly diagnosed persons linked to HIV medical care ≤ 1 month of diagnosis to $\geq 85\%$	74.5%	84.0%
Increase the percentage of persons with diagnosed HIV infection who are retained in HIV medical care to $\geq 90\%$	56.9%	47.9%
Increase the percentage of persons with diagnosed HIV infection who are virally suppressed to $\geq 80\%$	57.9%	59.9%

How are we doing more recently?

Hawaii 2015 HIV Care Continuum Study Population:
1. ≥13 years with HIV diagnosed by year-end 2014;
2. alive and residing in Hawaii at year-end 2015;

3,917 cases whose HIV infections were diagnosed by year-end 2014 and who were alive by year-end 2015

- Excluding 1,055 out of state cases
- Excluding 10 cases as deceased

2,852 cases remaining, of which 763 cases whose residence not known

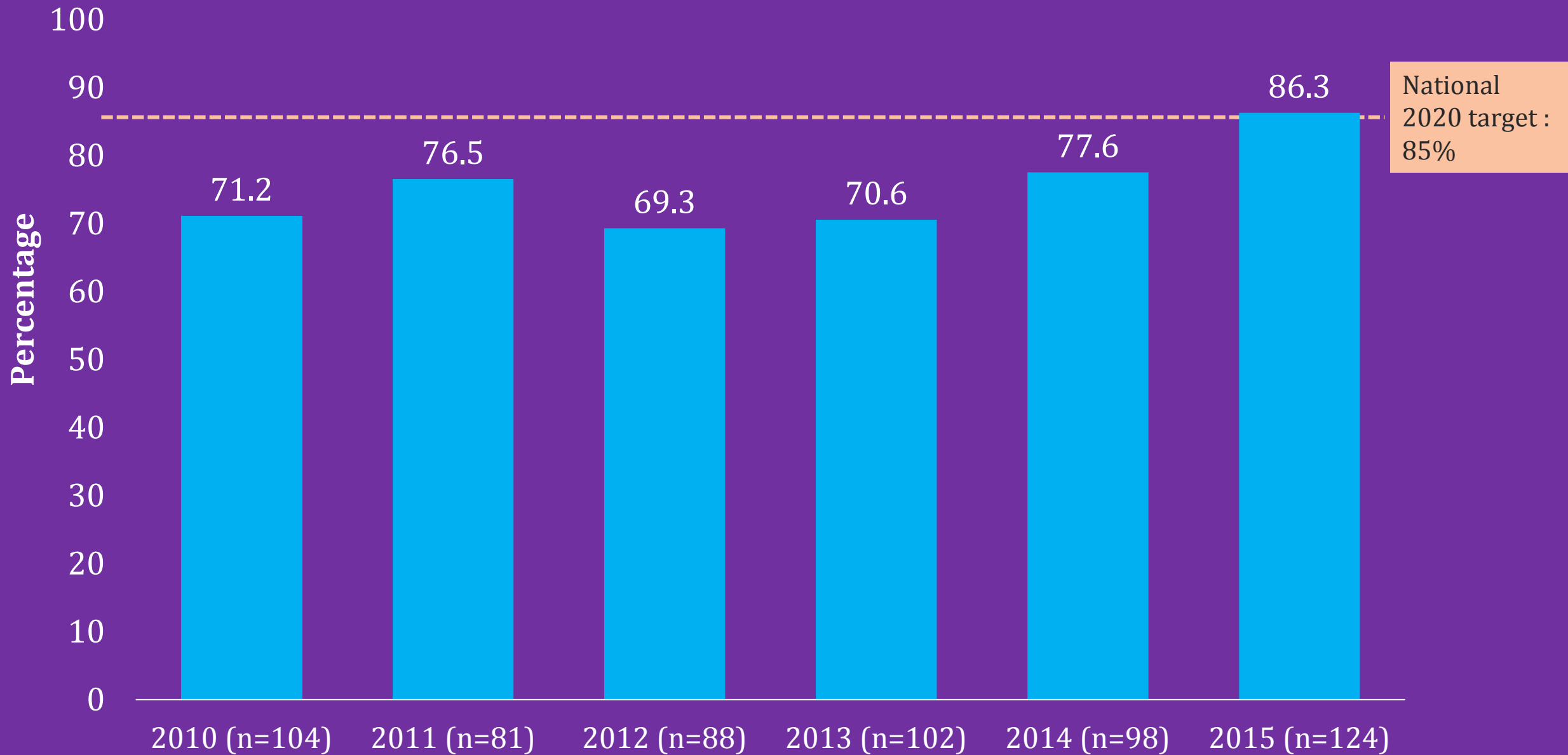
- Excluding 464 cases with HIV diagnosed ≤2005 and not been in care since 2006
- Excluding 7 cases < 13 years old

2,381 cases: study population for Hawaii 2015 care continuum indicators (except for linkage to care)

LINKAGE TO CARE

- **Denominator:** persons whose infection was diagnosed during 2015 and who resided in Hawaii at the time of diagnosis; only persons aged ≥ 13 years at HIV diagnosis were included.
- **Linkage to care within 1 month after HIV diagnosis:** measured by documentation of ≥ 1 CD4 or viral load tests performed ≤ 1 month after HIV diagnosis

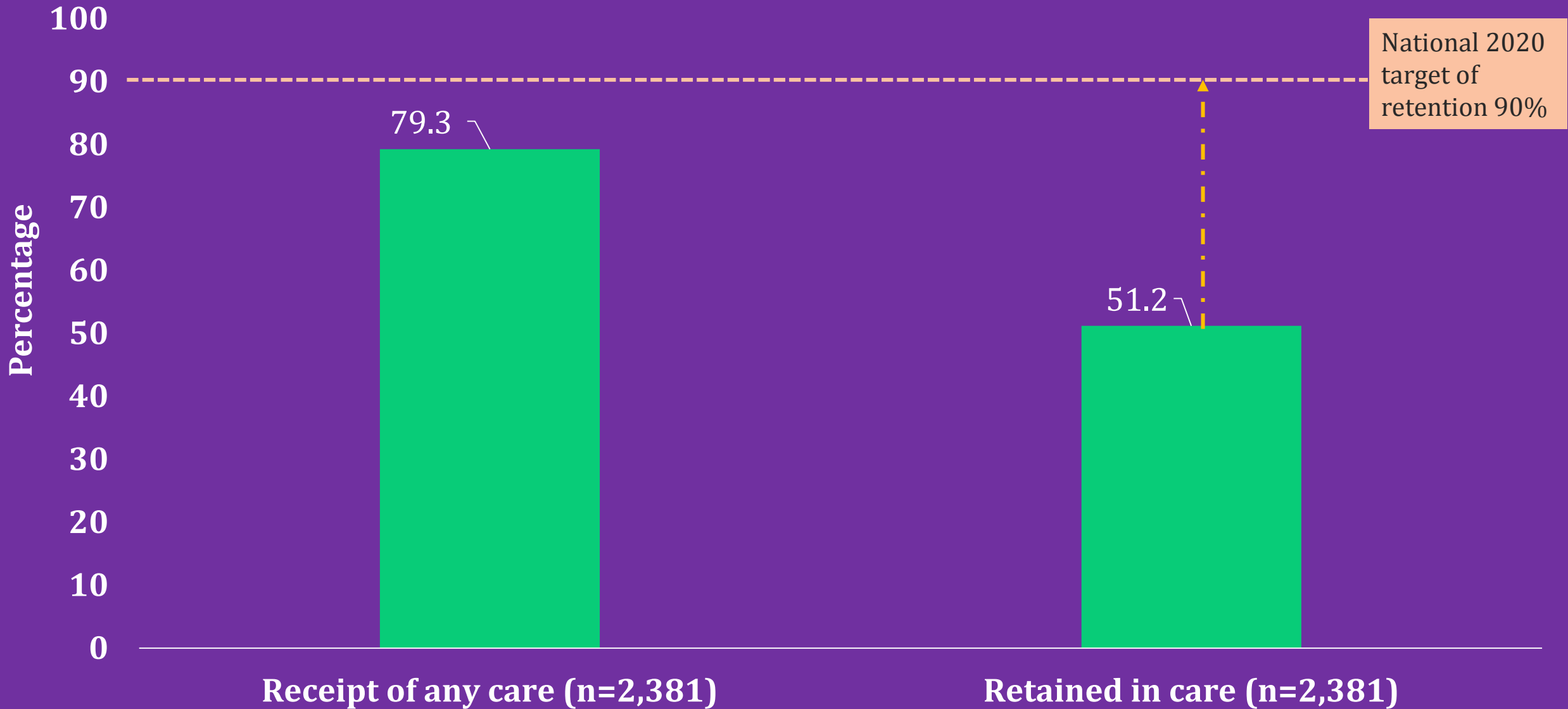
Linkage to HIV Medical Care ≤ 1 Month After HIV Diagnosis Among Persons Aged ≥ 13 Years at Diagnosis, 2010-2015, Hawaii



RECEIPT OF ANY HIV MEDICAL CARE (IN CARE) & RETENTION IN CARE

- **Denominator:** Persons whose infection was diagnosed by year-end 2014, who were alive and resided in Hawaii at year-end 2015. Only persons aged ≥ 13 years at year-end 2014 were included.
- **Receipt of any care:** Measured by documentation of ≥ 1 CD4 or viral load tests performed during 2015.
- **Retention in care:** Measured by documentation of ≥ 2 CD4 or viral load tests performed ≥ 3 months apart during 2015.

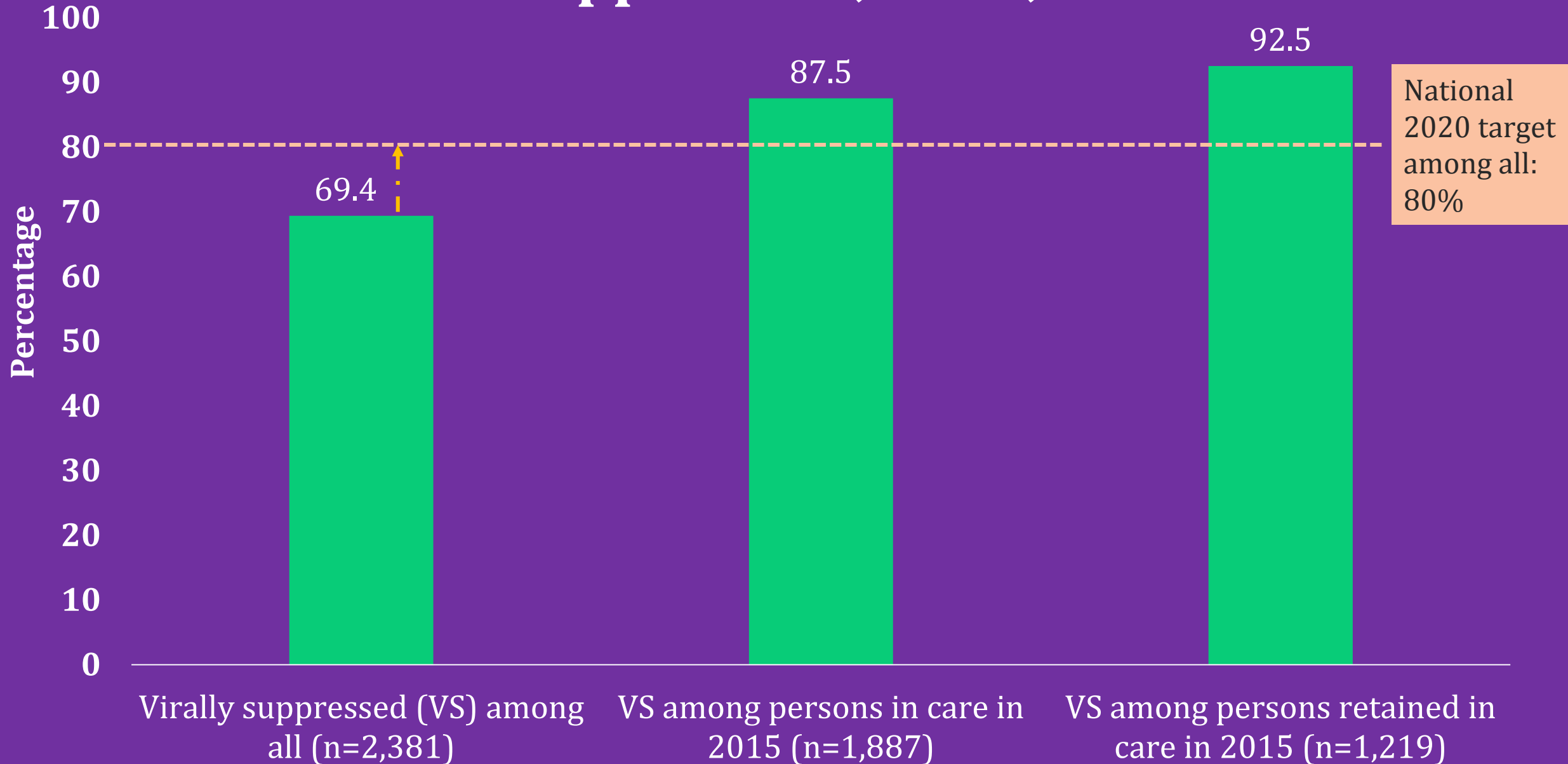
Receipt of Any Care and Retention in Care 2015, Hawaii



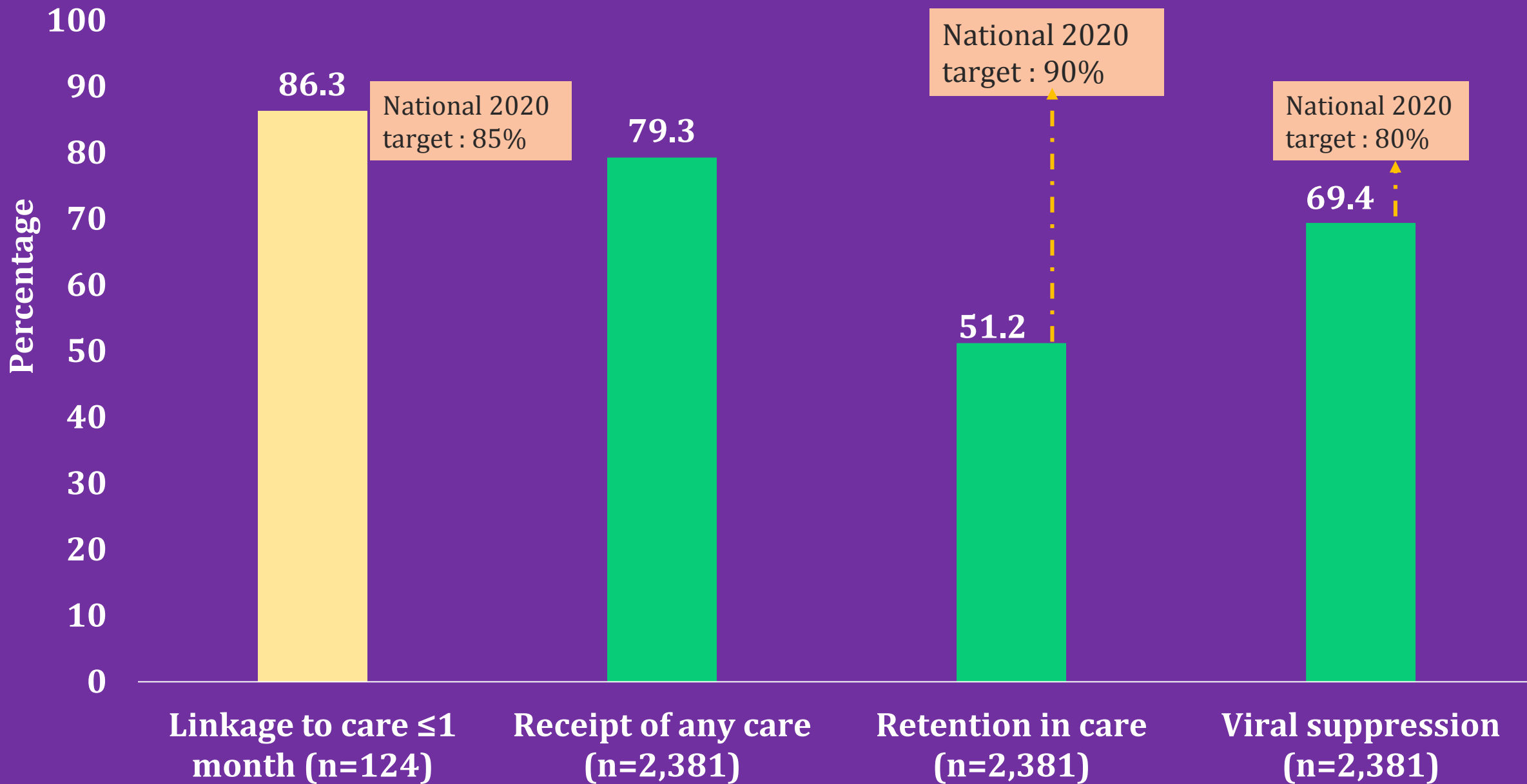
VIRAL SUPPRESSION

- **Definition:** defined as having a viral load (VL) result of <200 copies/mL at the most recent VL test (or the last VL test) in 2015
- **Numerator:** persons with a VL test result of <200 copies/mL at their most recent VL test in 2015
- **Denominator:**
 - All persons: persons aged ≥ 13 years at year-end 2014 with HIV infection diagnosed through year-end 2014 and resided in Hawaii at year-end 2015
 - Persons in care in 2015
 - Persons retained in care in 2015

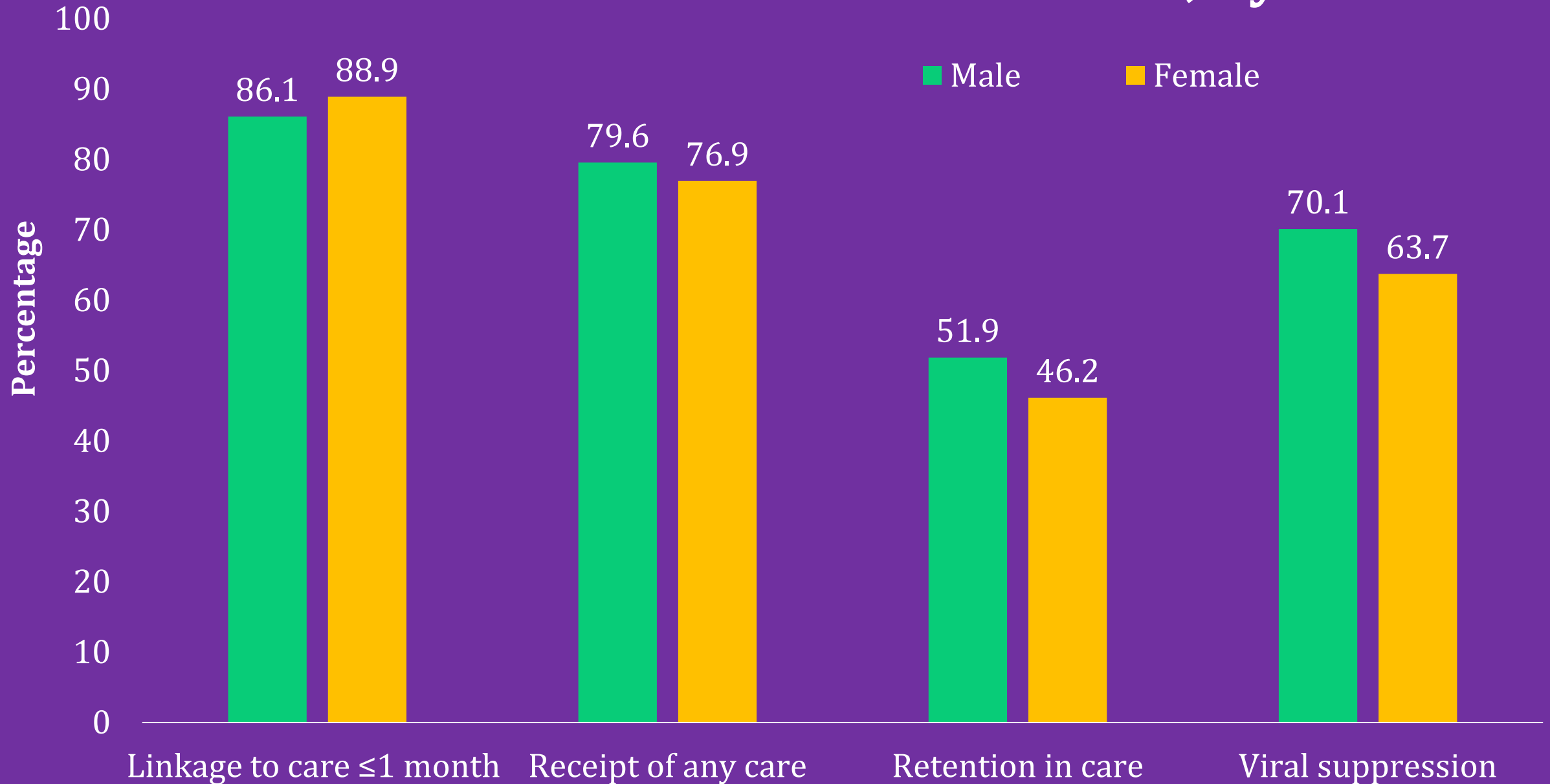
HIV Viral Suppression, 2015, Hawaii



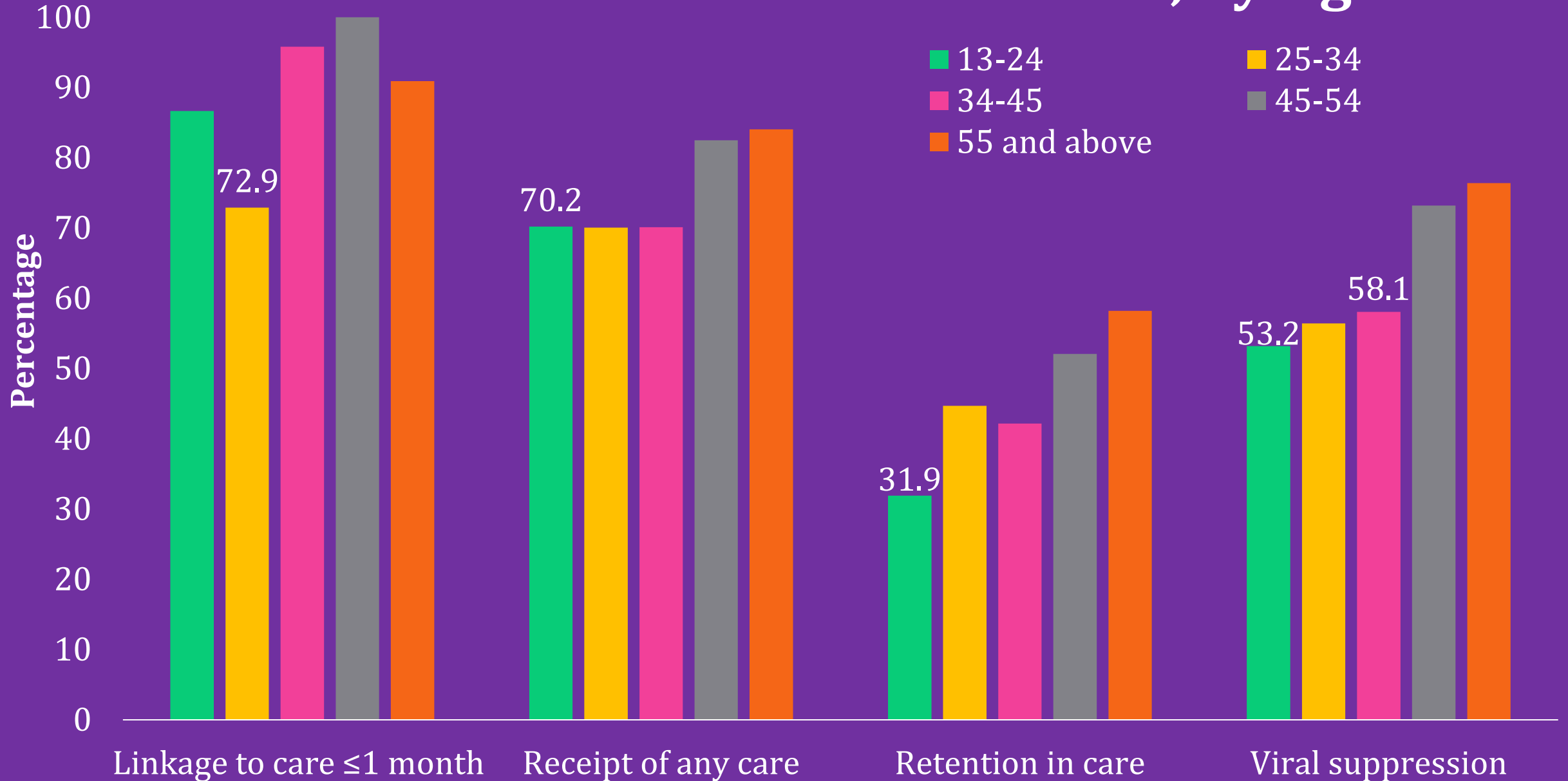
HIV Care Continuum, 2015, Hawaii



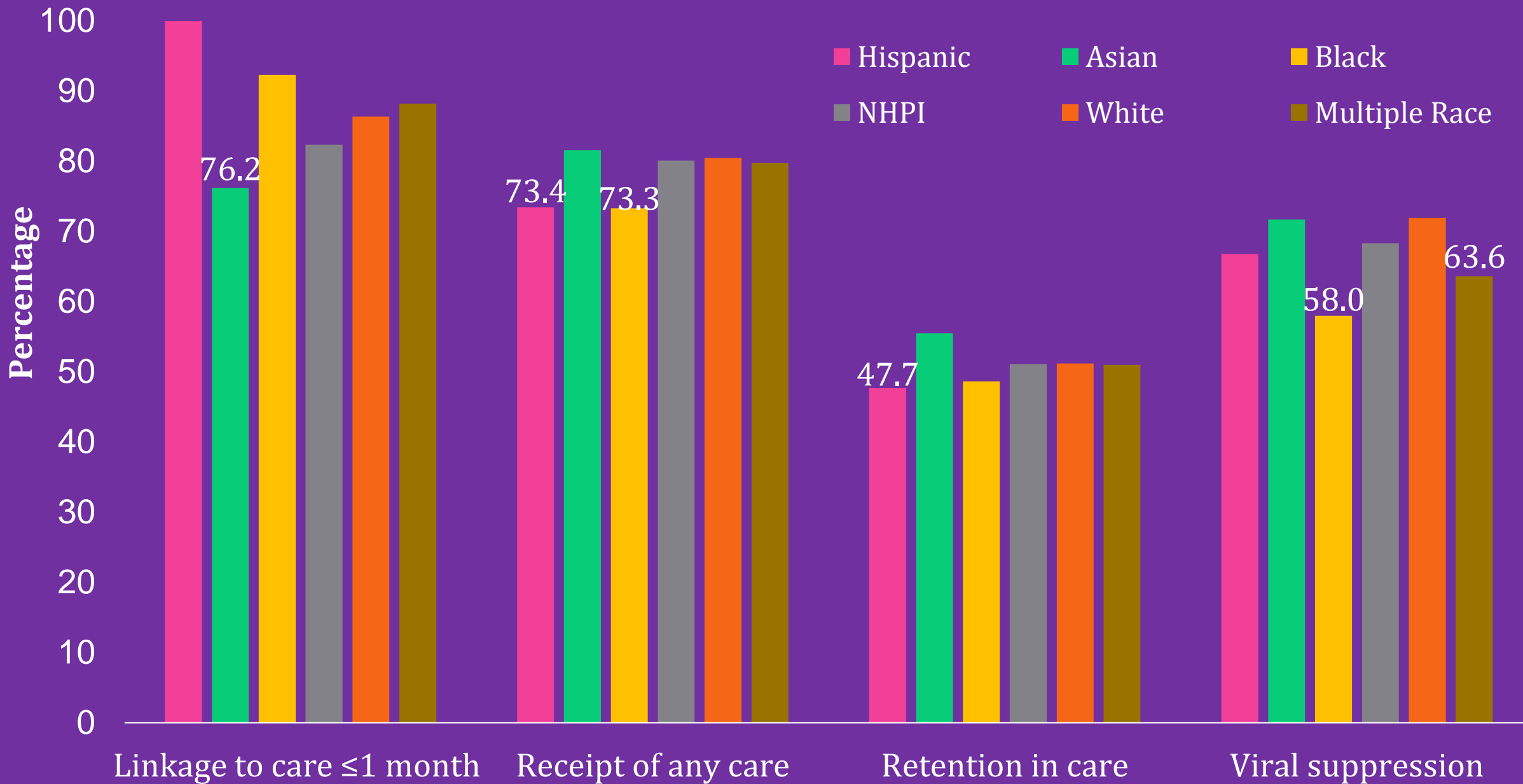
Hawaii 2015 HIV Care Continuum, by Sex



Hawaii 2015 HIV Care Continuum, by Age



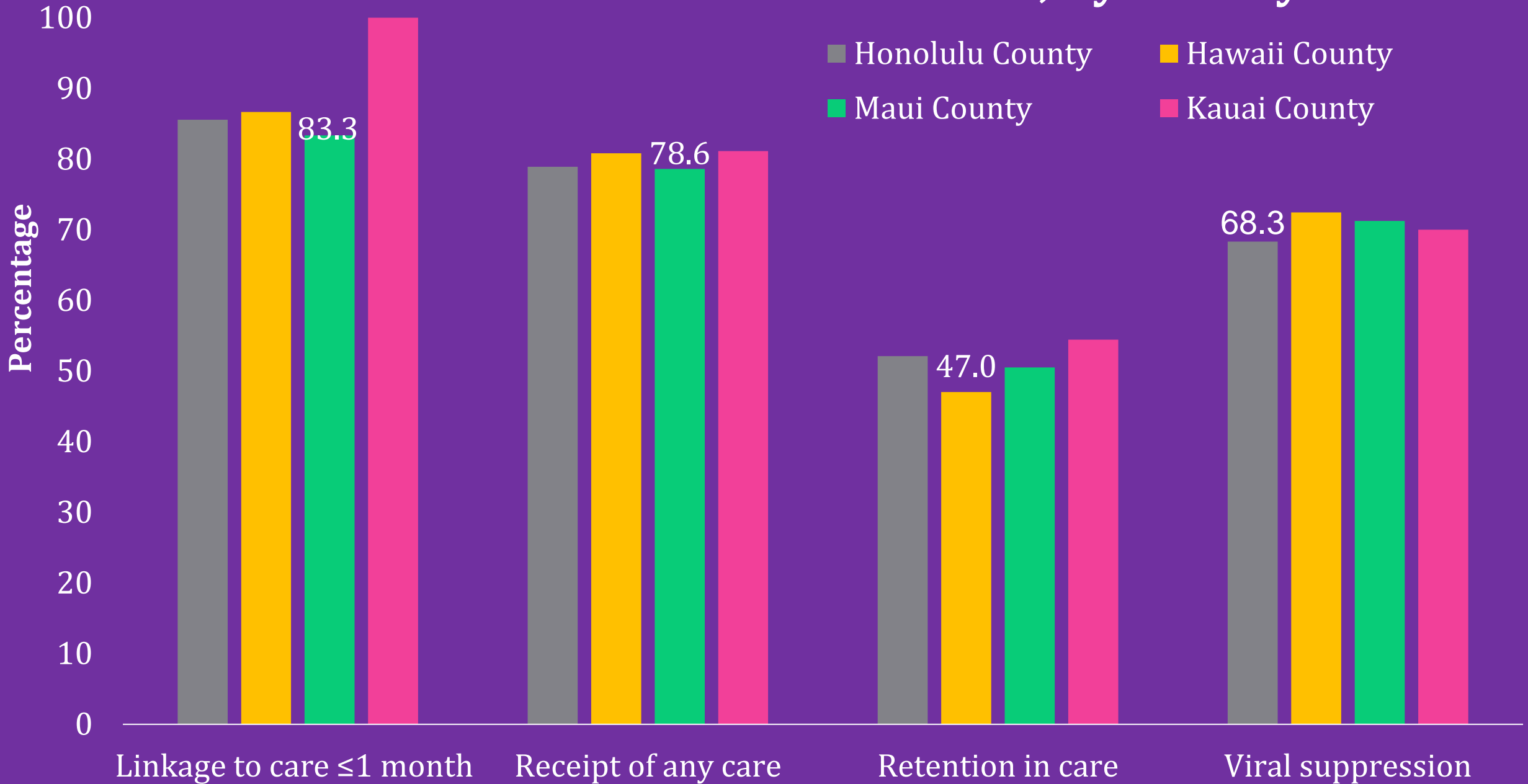
Hawaii 2015 HIV Care Continuum, by Race/Ethnicity



Hawaii 2015 HIV Care Continuum, by Transmission Category



Hawaii 2015 HIV Care Continuum, by County



SUMMARY OF DISPARITIES - LINKAGE TO CARE

- **Statewide linkage to care within 1 month:** 86.3%, slightly higher than the national 2020 target 85%
- The following categories had a **percentage lower than 85%:**
 - Age group: 25-34yrs (72.9%)
 - Race/ethnicity: Asians (76.2%) and Native Hawaiian/Other Pacific Islander (82.4%)
 - Transmission category: Other (e.g., not known or not reported: 75%);
- Small sample size in most categories

SUMMARY OF DISPARITIES

- RECEIPT OF ANY HIV MEDICAL CARE

- Statewide: 79.3%
- The following categories had a **percentage lower than the state average**:
 - Age group: younger age groups (13-24yrs: 70.2%; 25-34yrs: 70.1%; 35-44yrs: 70.1%)
 - Race/ethnicity: Hispanics (73.4%); AIAN (60.0%); Blacks (73.3%)
 - Transmission category: Other (not known or not reported: 59.5%)

SUMMARY OF DISPARITIES - RETENTION IN CARE

- Statewide: 51.2%, much lower than the national 2020 target 90%
- The following category had a **percentage lower than the state average:**
 - Age group: younger age groups (13-24yrs: 31.9%; 25-34yrs: 44.7%; 35-44yrs: 42.2%)
 - Race/ethnicity: Hispanics (47.7%); AIAN (40%); Blacks (48.7%);
 - Transmission category: female heterosexual contact (45.9%), Other (not known or not reported: 35.1%)

SUMMARY OF DISPARITIES - VIRAL SUPPRESSION

- Statewide: 69.4%, 10% lower than the national 2020 target 80%
- The following categories had a **percentage lower than the state average**:
 - Age group: younger age groups (13-24yrs: 53.2%; 25-34yrs: 56.4%; 35-44yrs: 58.1%)
 - Race/ethnicity: AIAN (60.0%); Black (58.0%); Mixed races (63.6%)
 - Transmission category: Other (not known or not reported: 50.5%, **lowest**)

LOOKING FORWARD

- Linkage to care ≤ 1 month: **Doing well**
 - 2015 at 86.3% higher than NHAS 2020 target at 85%
- Viral suppression: **Promising**
 - 2015 at 69.4%, 10% away from 2020 target at 80%
- Retention in care: **A long way to go** but
 - Too strict definition: more people achieving viral suppression than retention
- **Disparities exists** in all indicators, e.g., younger patients, minority groups (Hispanics, AIANs, Black/African American)
 - Timothy McCormick: program implications of the data
 - Hawaii Strategy Meeting

MAHALO AND ACKNOWLEDGEMENT

- Special thanks to my wonderful colleagues
 - HIV Surveillance Team: Brandi K. Juan, Sandy Qiu, Wei Geng Lum
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 - Harm Reduction Services Branch Chief: Peter Whitarcar
 - Communicable Disease & PHN Division Chief: Glenn Wasserman, MD
- To our community partners, e.g., health care providers, AIDS service organizations, volunteers, patients, etc.

FOR MORE INFORMATION
“2015 HAWAII HIV/AIDS INTEGRATED EPIDEMIOLOGIC PROFILE”

[HTTP://HEALTH.HAWAII.GOV/HARMREDUCTION/HIV-AIDS/DATA-AND-STATISTICS](http://health.hawaii.gov/harmreduction/hiv-aids/data-and-statistics)

Questions?