



ENGAGEMENT IN CARE UPDATE

HIV Planning Group
Priority Setting Committee
July 9, 2020

Samantha Tweeten, PhD, MPH
County of San Diego, HHSA
Epidemiology and Immunization Services



CDC BANNER



LIVE WELL
SAN DIEGO

HIV CARE CONTINUUM:

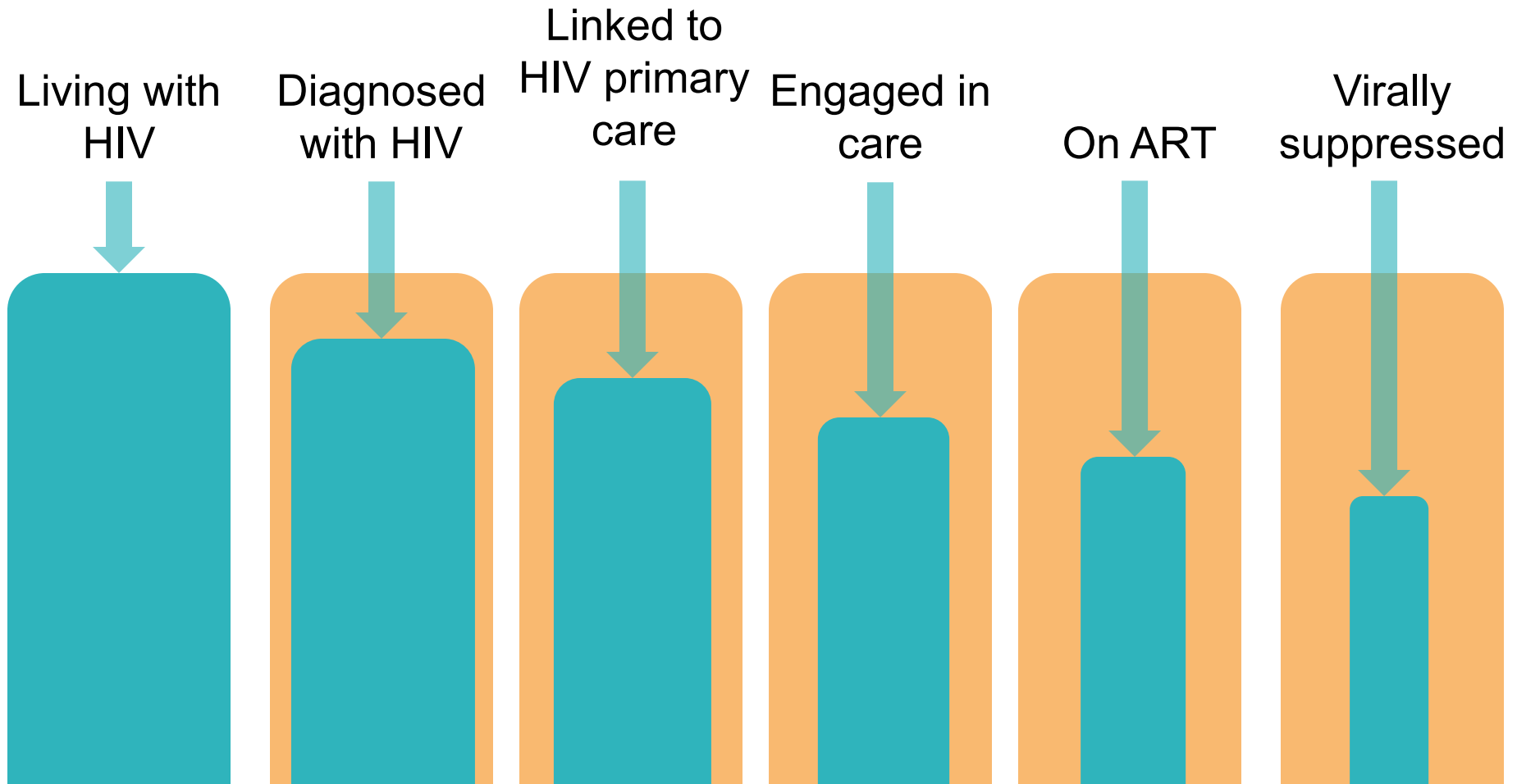
The series of steps a person with HIV takes from diagnosis through their successful treatment with HIV medication.



SPECTRUM OF ENGAGEMENT



LIVE WELL
SAN DIEGO



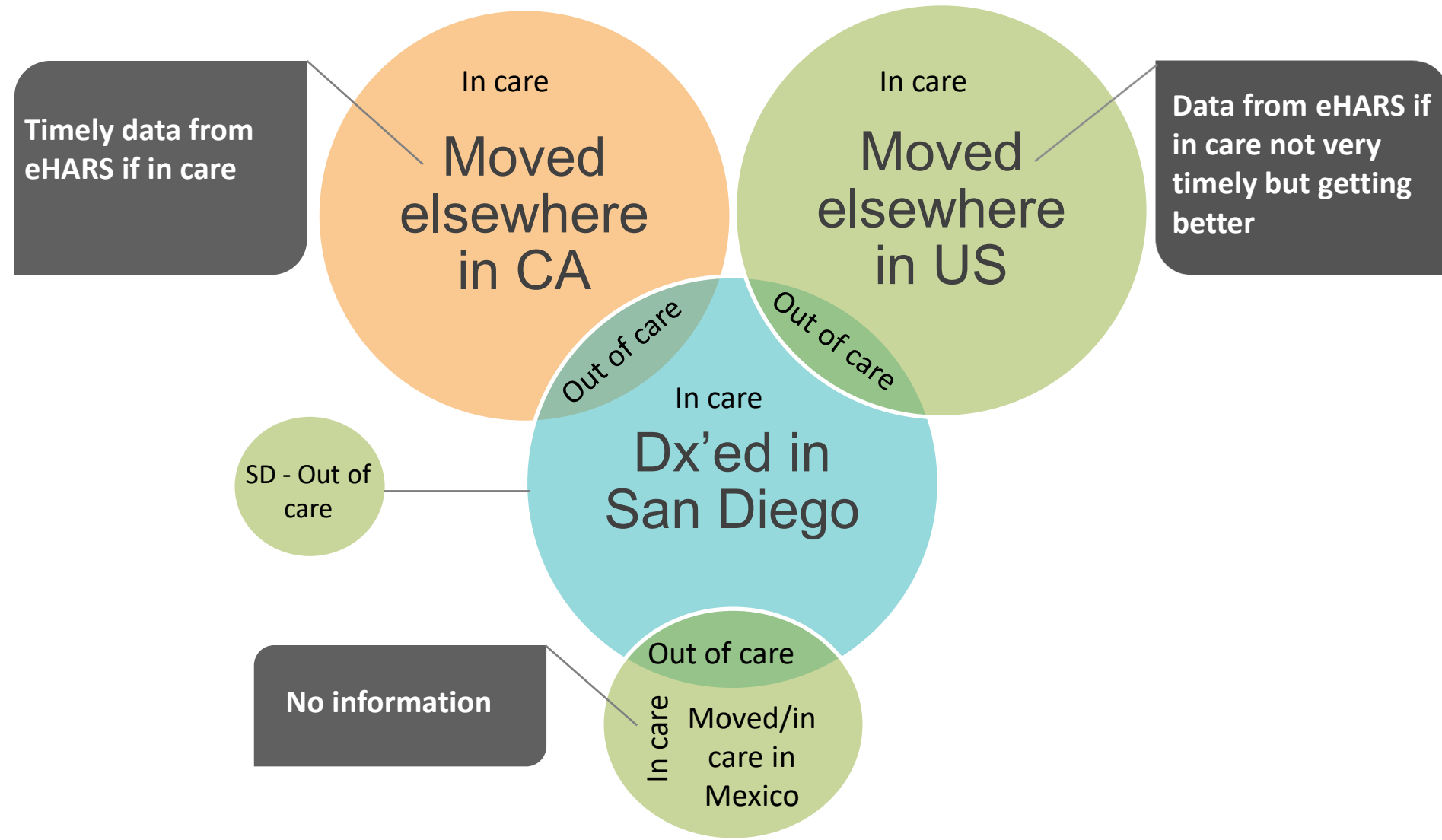
ART = Antiretroviral Therapy

CARE CONTINUUM ISSUES



LIVE WELL
SAN DIEGO

BIGGEST LIMITATION: PEOPLE MOVE



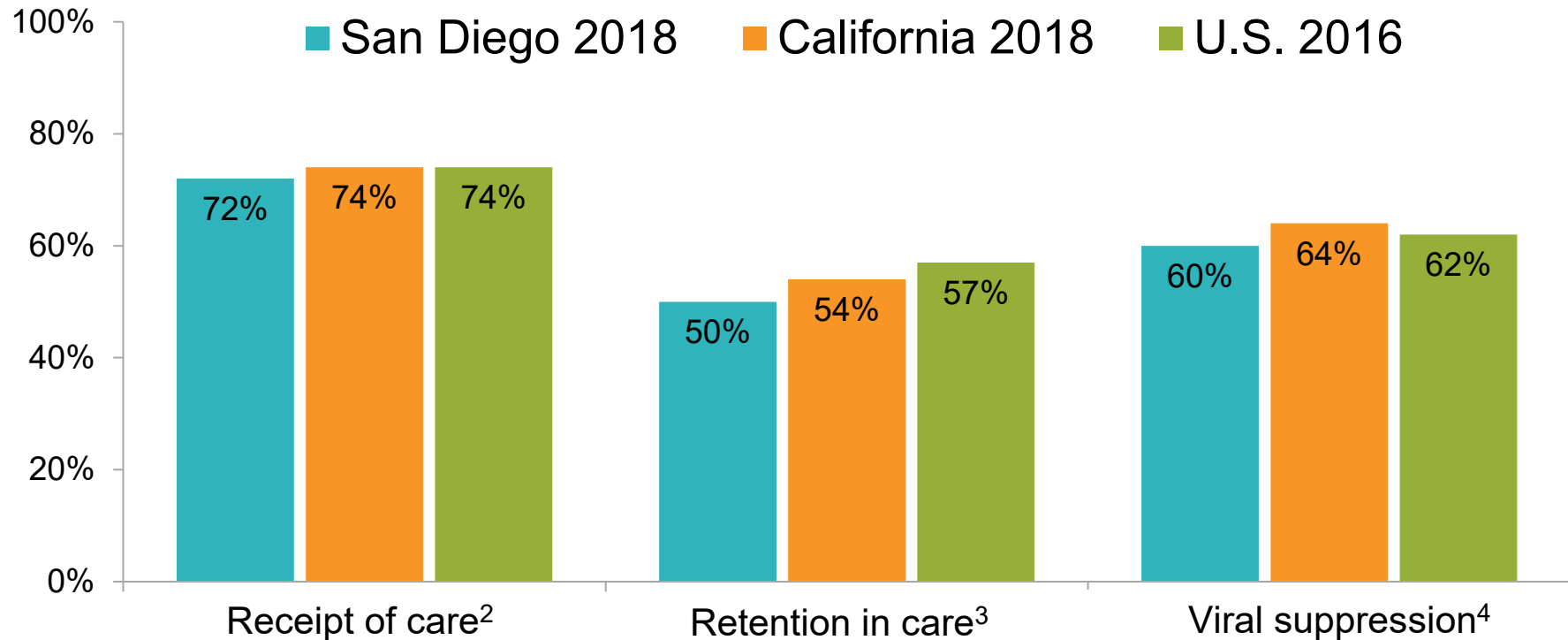


HIV CARE CONTINUUM

*San Diego Data Source:
CDPH OA, Care Continuum 2018*



HIV CARE CONTINUUM, DIAGNOSIS-BASED¹



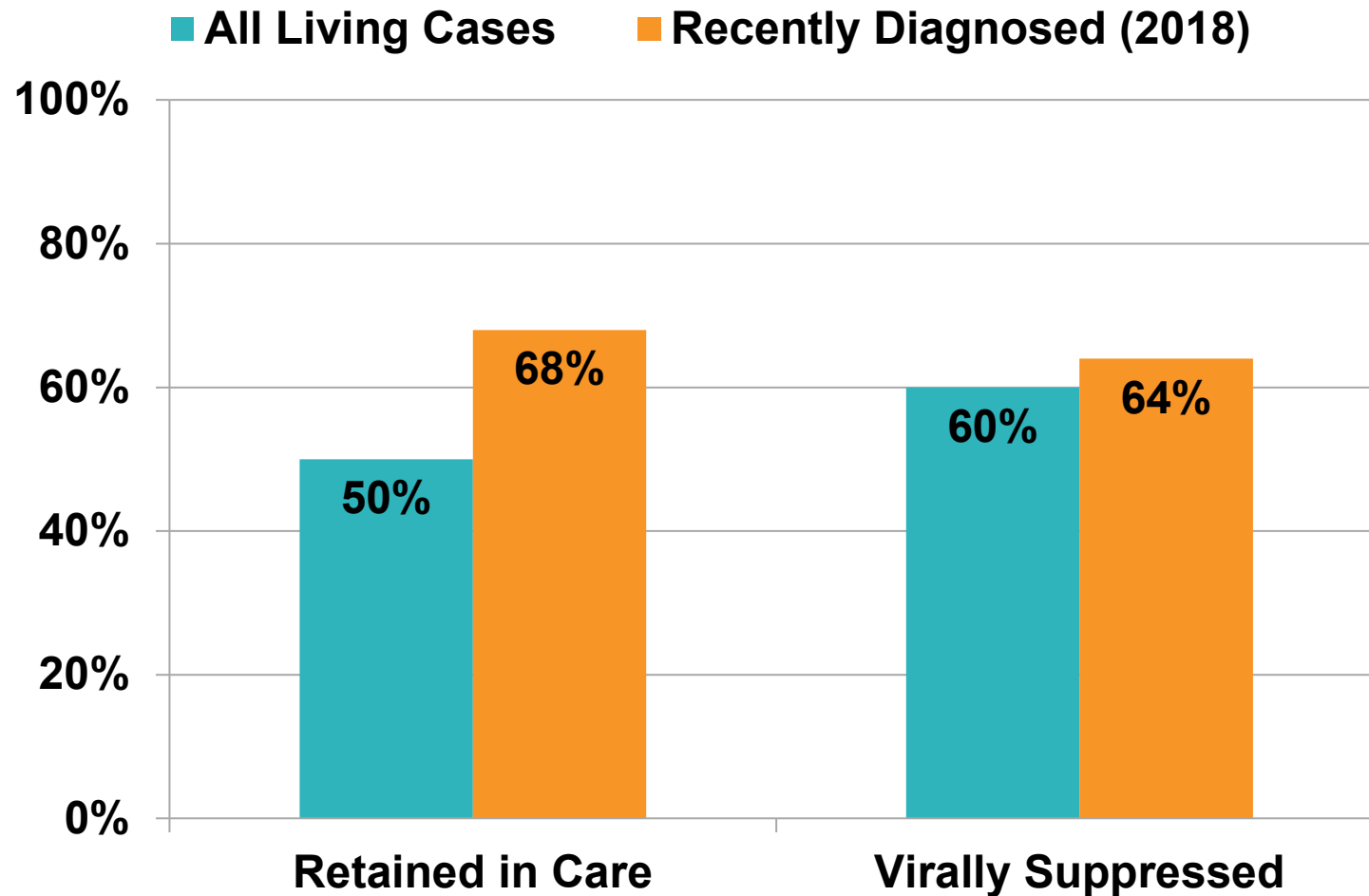
¹San Diego data: Diagnosed with HIV infection through 12/31/2018 and living through 12/31/2018 (excluding military diagnoses). California data: diagnosed through 2018 and living through 12/31/2018. U.S. data: diagnosed through 2016 and living through 12/31/2016.

²Of those diagnosed with HIV disease, persons who had ≥ 1 CD4 or viral load tests during 2018 (2016 for U.S. data).

³Of those diagnosed with HIV disease, persons who had ≥ 2 CD4 or viral load tests at least 3 months apart during 2018 (2016 for U.S. data).

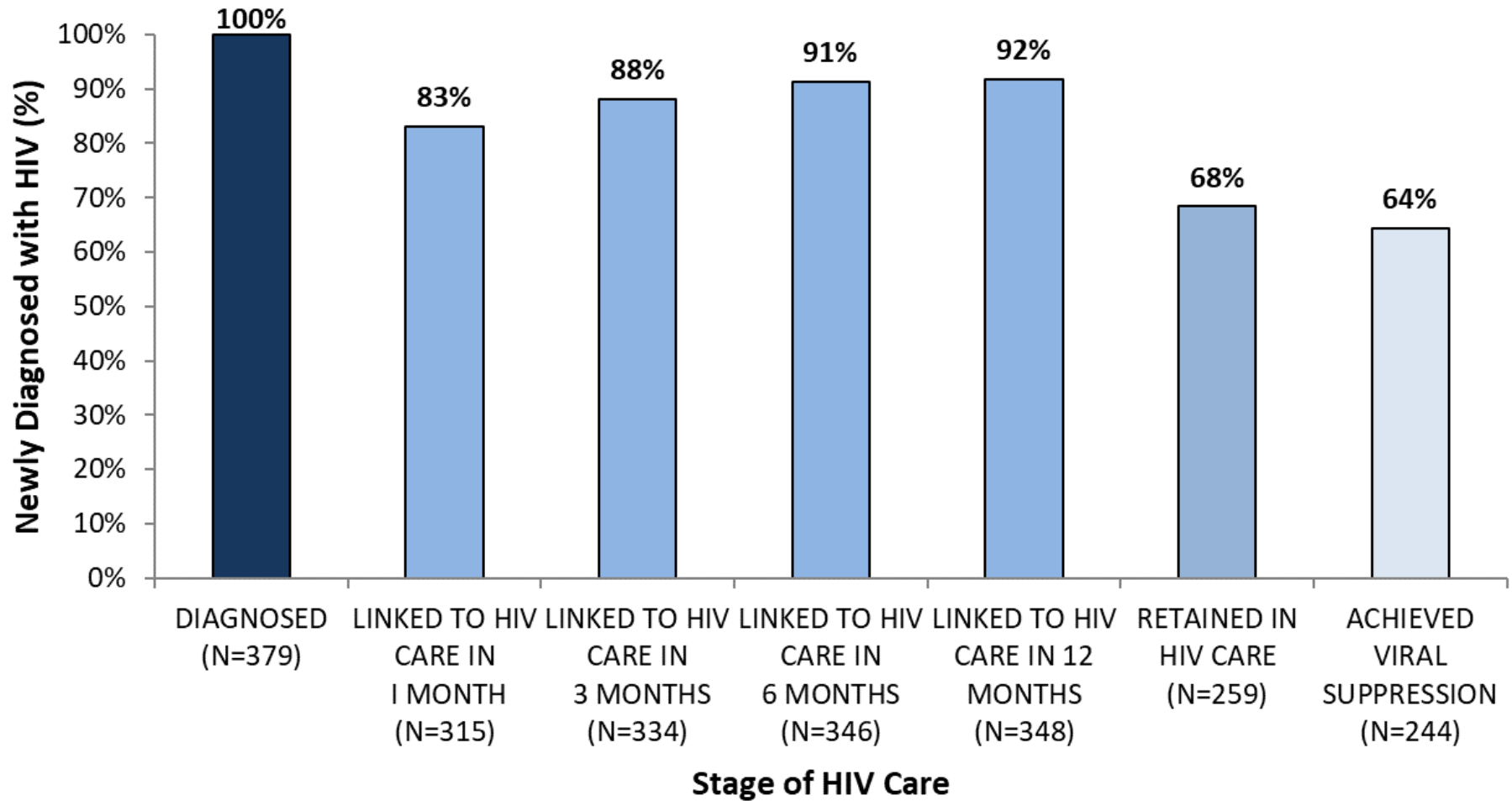
⁴Of those diagnosed with HIV disease, persons virally suppressed (<200 copies/mL) at most recent test during 2018 (2016 for U.S. data).

DIFFERENT DEFINITIONS



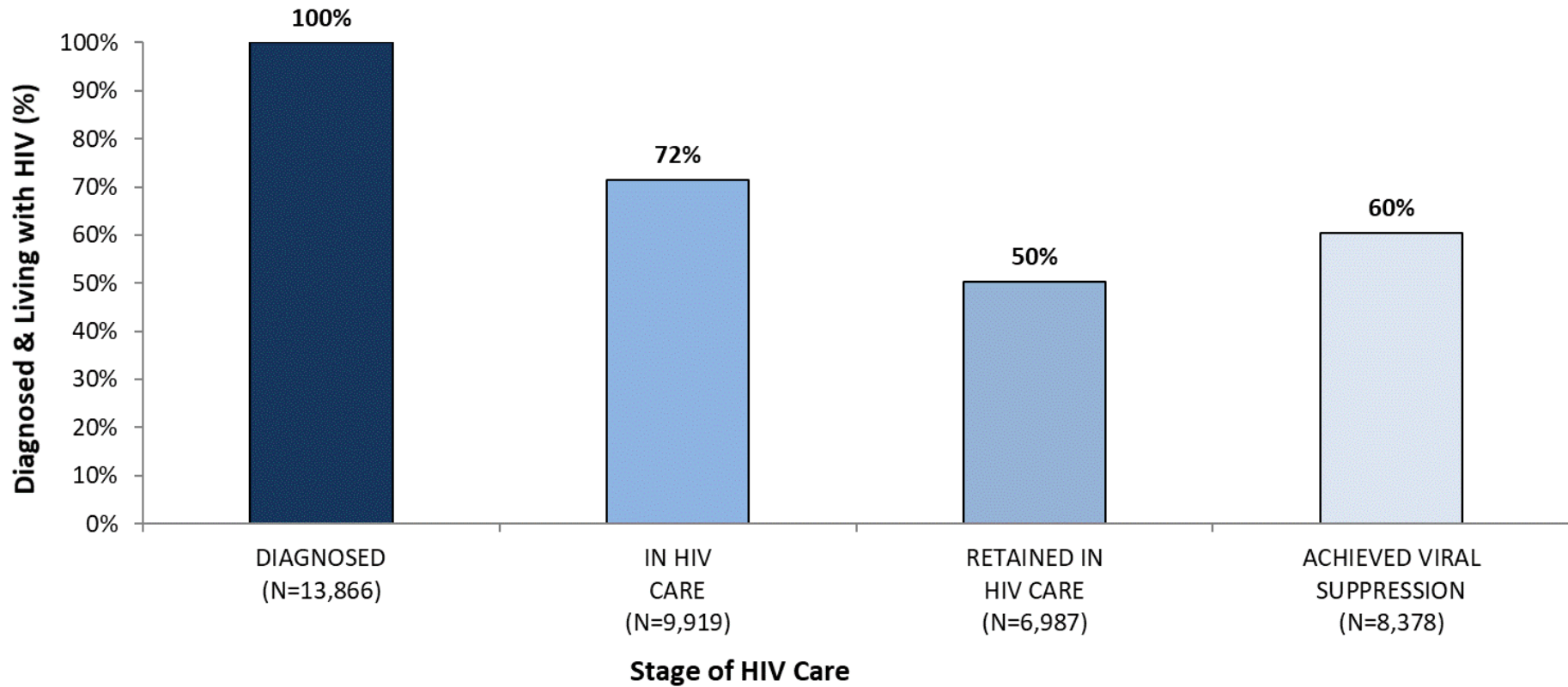
All Living Cases: Defined as persons diagnosed with HIV infection through 12/31/2018 and living through 12/31/2018, regardless of stage of disease. Recently Diagnosed: Defined as persons diagnosed with HIV disease in 2017 and having at least one CD4 or viral load in 2018, living through 12/31/2018, regardless of stage of disease. Retained in care defined as ≥ 2 CD4 or viral load tests at least 3 months apart during the year. Virally suppressed defined as < 200 copies/mL at most recent test in 2018. Military diagnoses excluded.

NEWLY DIAGNOSED, 2018

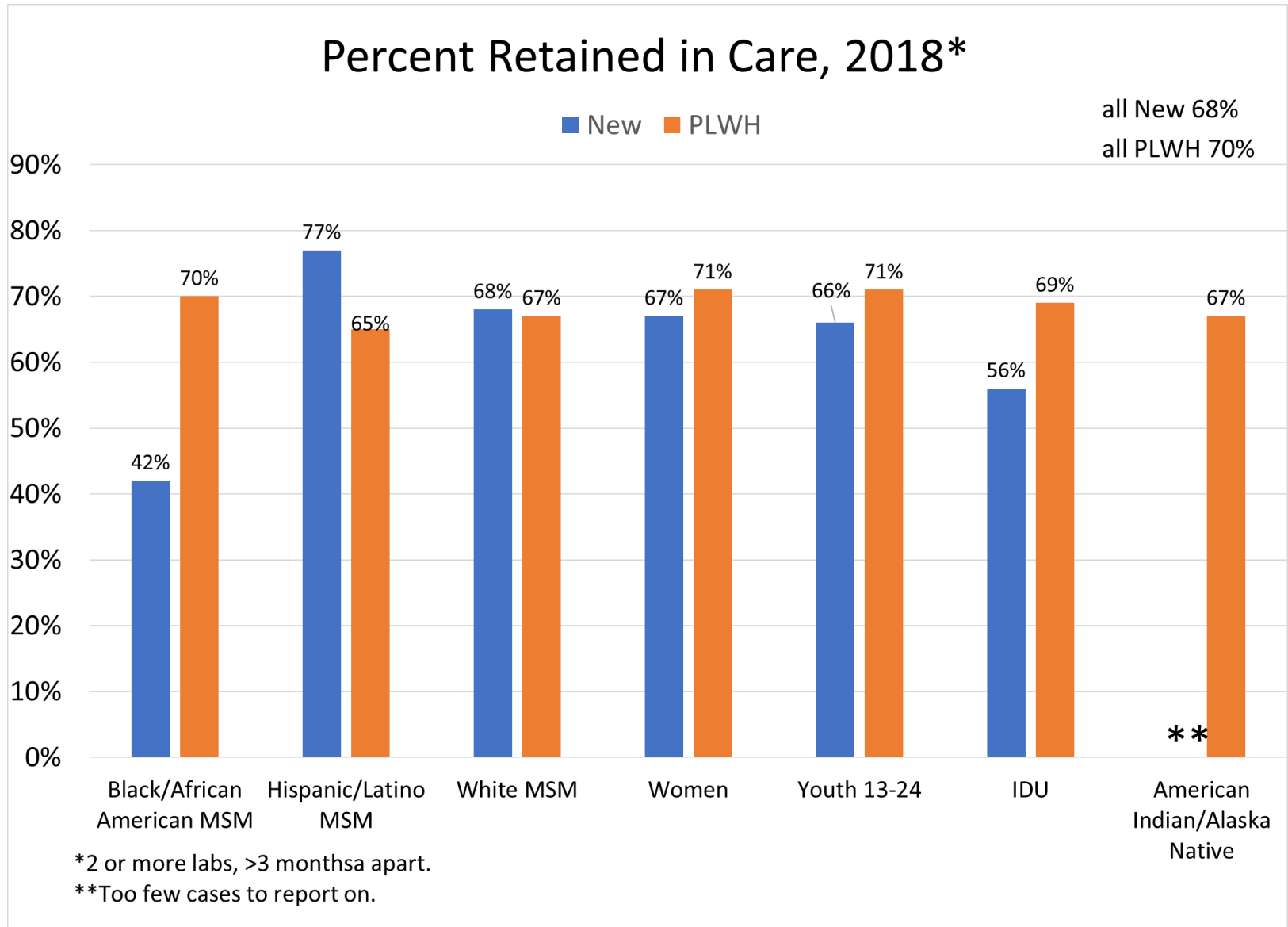




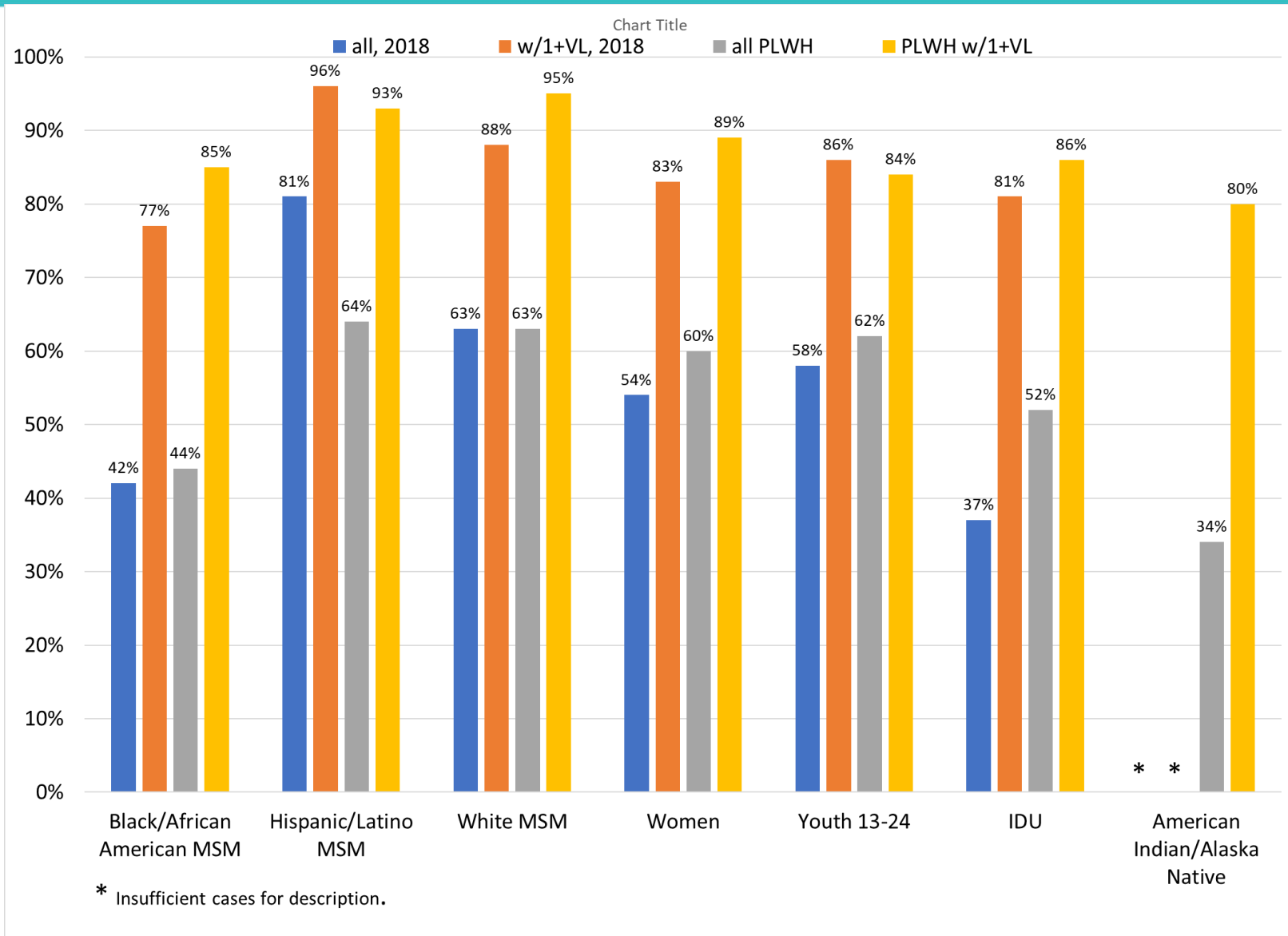
PLWH, 2018



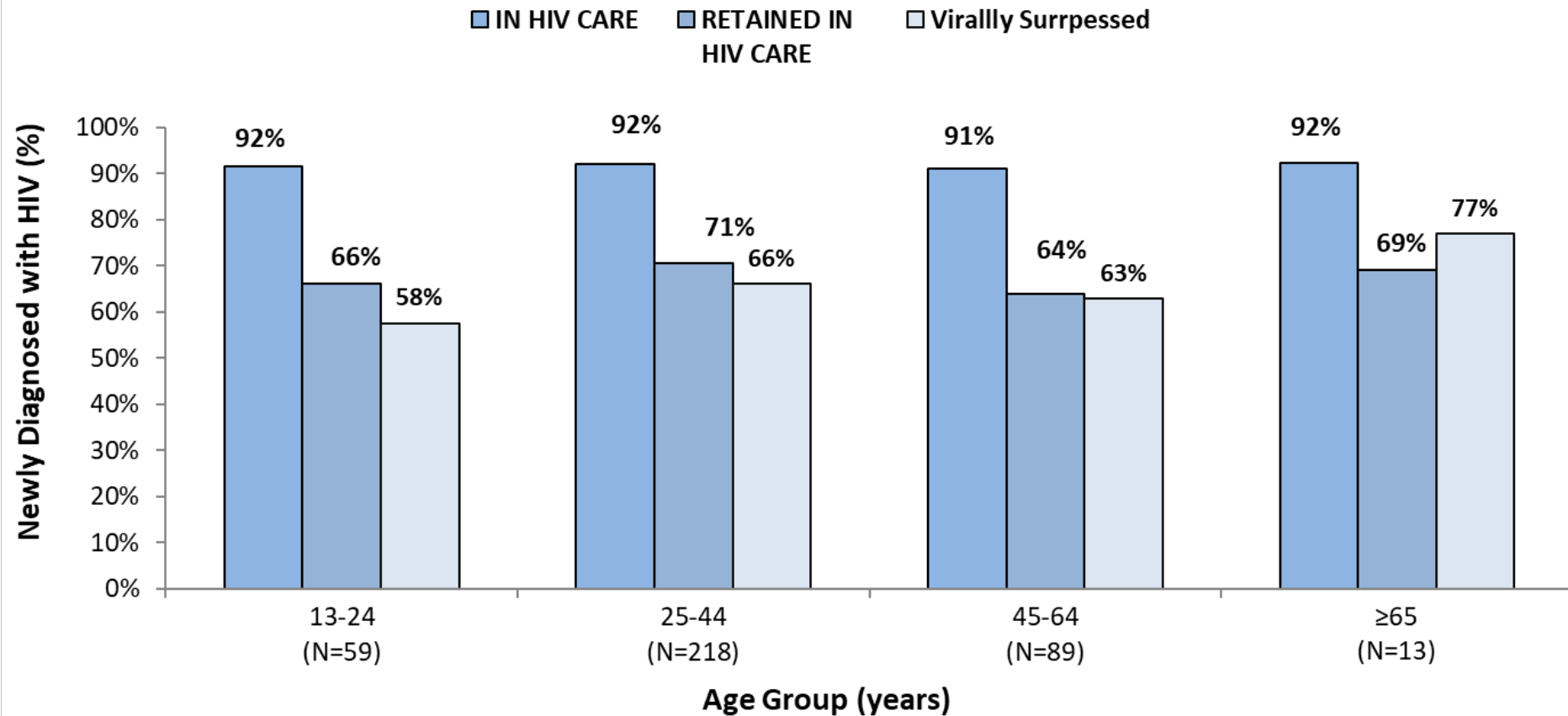
KEY POPULATIONS



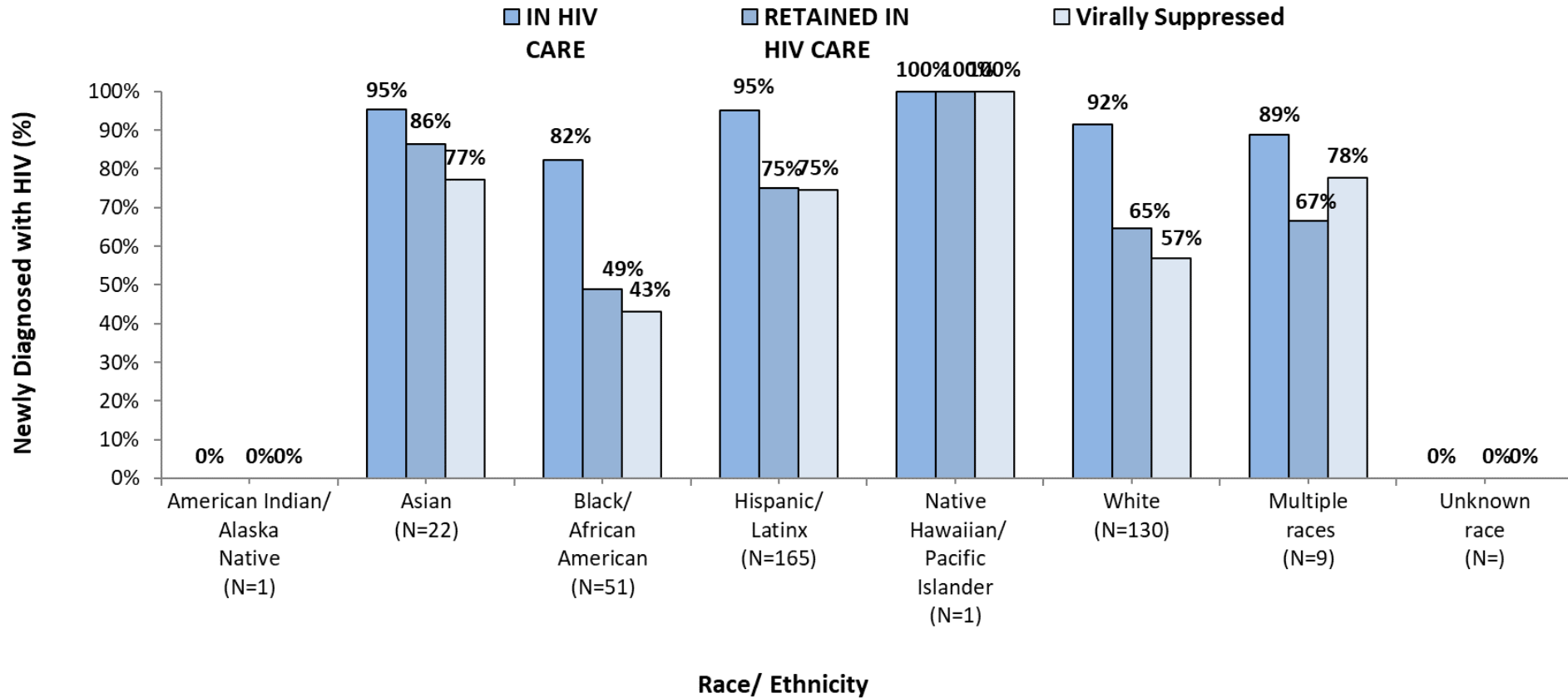
KEY POPULATIONS



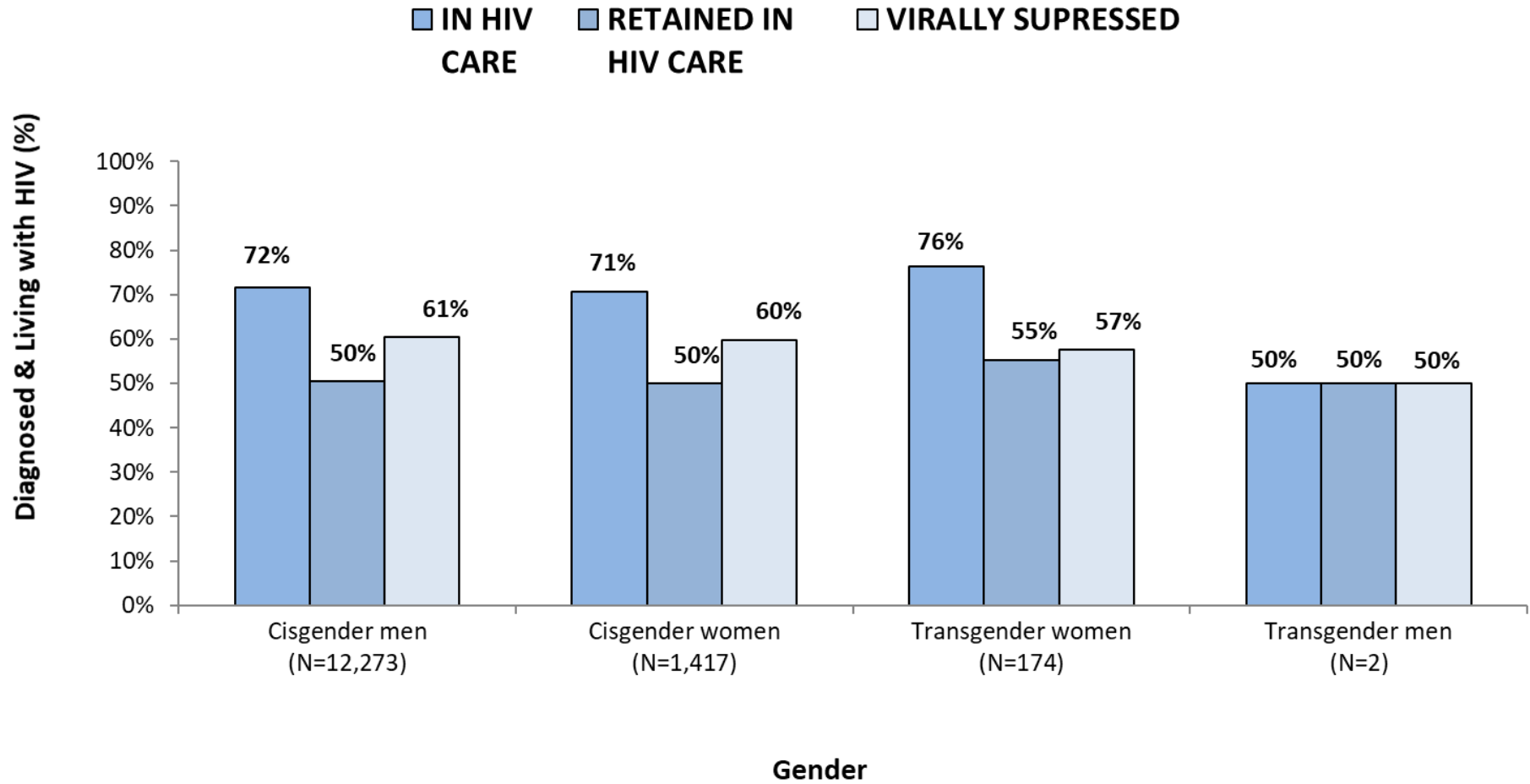
NEW DIAGNOSES



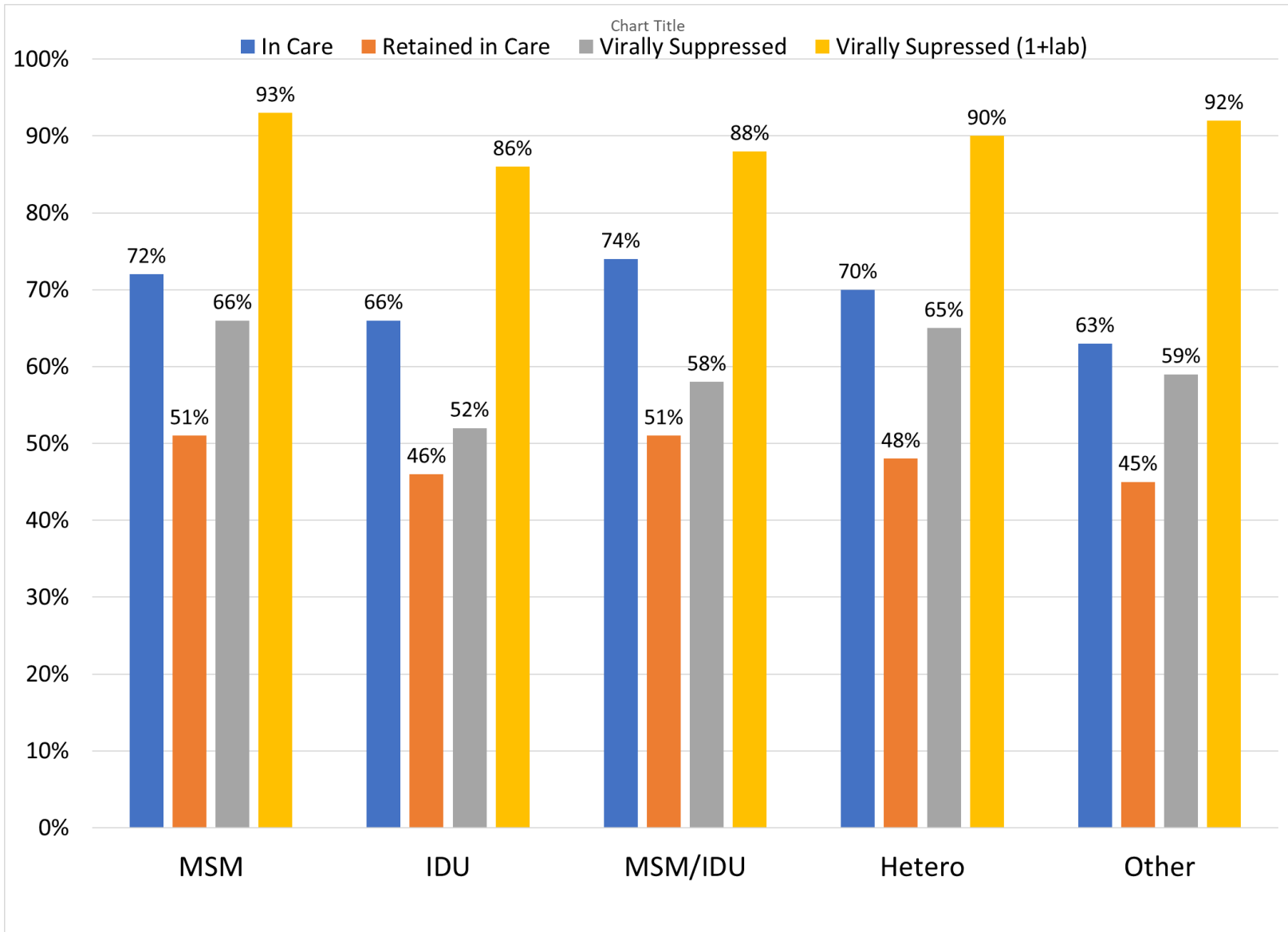
NEW DIAGNOSES



PLWH



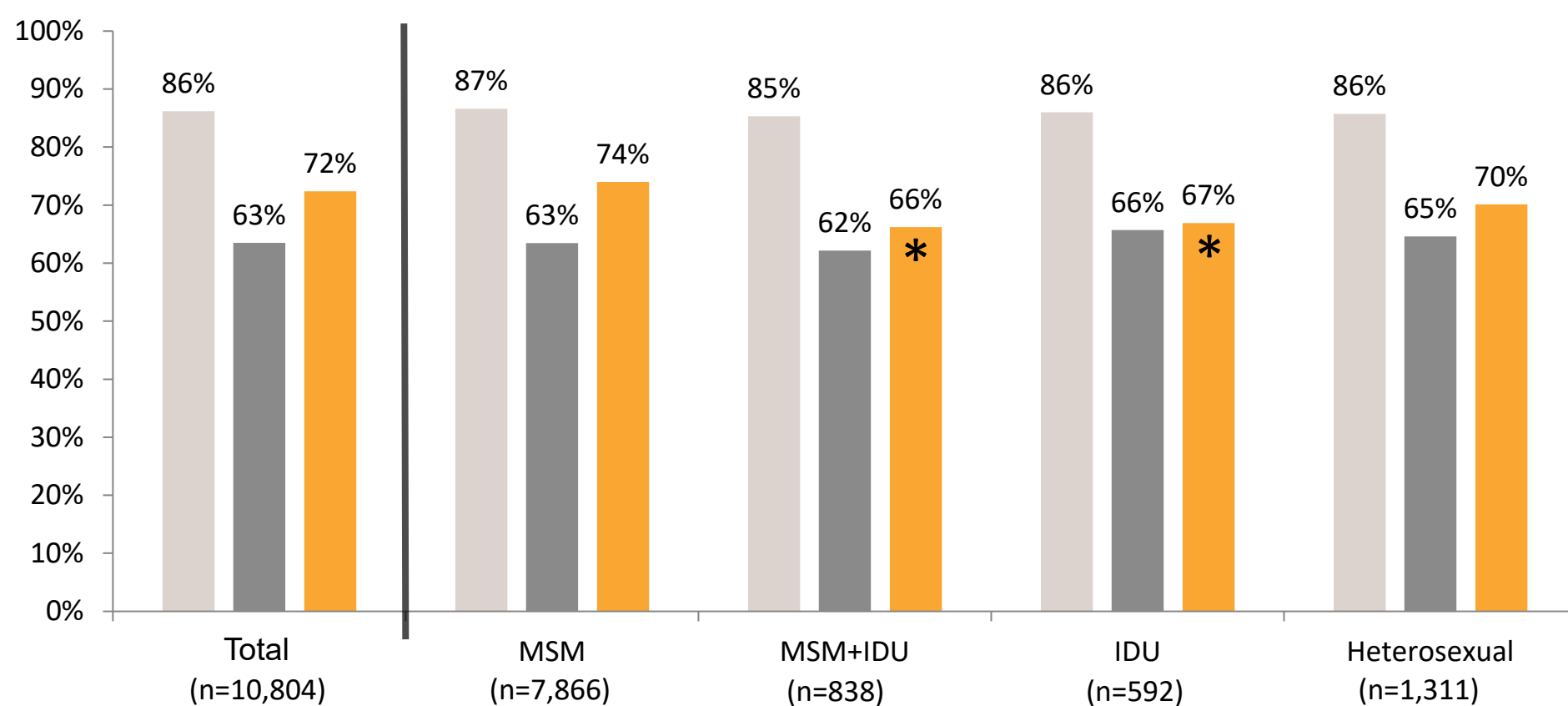
PLWH



HIV CARE CONTINUUM BY TRANSMISSION,¹ RECENT SUBSET,² SAN DIEGO COUNTY, 2017



Receipt of care Retained in care Virally suppressed



Receipt of care defined as ≥ 1 CD4 or viral load tests in 2017. Retained in care defined ≥ 2 CD4 or viral load tests at least three months apart in 2017. Virally suppressed defined as < 200 copies/mL at most recent test in 2017.

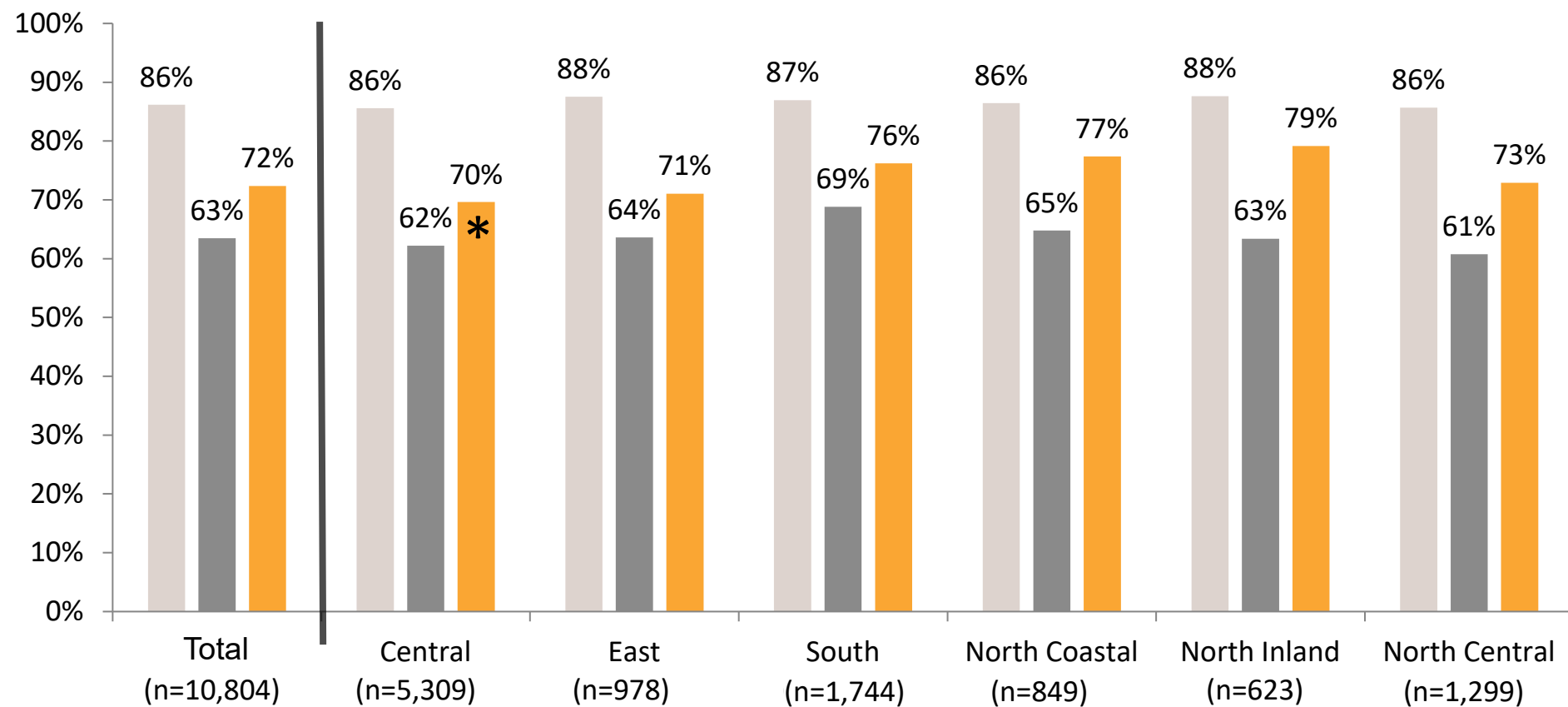
¹Perinatal (n=77), no risk identified (n=96), and other (n=24) not included in chart.

²People diagnosed with HIV between 2012-2016 or diagnosed prior with a CD4 or viral load test between 2013-2017, excluding military diagnoses. *Statistically lower than the Total percentage ($p < .05$).

HIV CARE CONTINUUM BY HHSA REGION,¹ RECENT SUBSET,² SAN DIEGO COUNTY, 2017



Receipt of care Retained in care Virally suppressed



Receipt of care defined as ≥ 1 CD4 or viral load tests in 2017. Retained in care defined ≥ 2 CD4 or viral load tests at least three months apart in 2017. Virally suppressed defined as < 200 copies/mL at most recent test in 2017.

¹Unknown zip code (n=2) not included in chart. Region assigned by zip code of most recent address.

²People diagnosed with HIV between 2012-2016 or diagnosed prior with a CD4 or viral load test between 2013-2017, excluding military diagnoses. *Statistically lower than the Total percentage ($p < .05$).

TABLE, TOP SECTIONS

Unaware Estimate

Demographic Group/ Exposure Category	ESTIMATE OF PLWH AND UNAWARE, 2017 ^a	
	<i>Estimated number of people living with HIV and not aware of status.</i>	
	Number ^b	Percent of Total ^b
Overall		
Estimated PLWH and Aware	13,930	90.9
Estimated PLWH and Unaware	1,392	9.1
Total	15,322	100.0
Race/Ethnicity		
Asian/Pacific Islander, not Hispanic	86	6.2
Black/African American, not Hispanic	167	12.0
Hispanic	648	46.5
American Indian/Alaskan Native, not Hispanic	4	0.3
White, not Hispanic	459	33.0
Multi-Race	28	2.0
Total	1,392	100.0
Gender		
Male	1,237	88.9
Female	155	11.1
Total	1,392	100.0

^aThe total number of PLWH and Unaware was estimated by applying the proportion unaware from the National HIV Behavioral Surveillance (NHBS) surveys, cycle 3, conducted in San Diego to the 2017 prevalence line list for San Diego County, data reported through 7/10/2018 (Office of AIDS). Proportions within each demographic category shown above were based on HIV diagnoses between 2016 and 2017, reported through 3/31/2018 and were multiplied by the total estimated unaware to estimate the numbers within the categories.

^bEstimates based on 20 or fewer cases should be interpreted with caution.

TABLE, LOWER SECTIONS

Age Group^c		
Less than 13 years	6	0.4
13 - 19 years	43	3.1
20 - 44 years	1,026	73.7
45 or more years	317	22.8
Total	1,392	100.0
Risk Group		
Men who have sex with men	915	65.8
Injection drug use (IDU)	71	5.1
Men who have sex with men and inject drugs	60	4.3
Heterosexual	223	16.0
Pediatric	6	0.4
Other/NIR	117	8.4
Total	1,392	100.0
Target Populations		
African American MSM/MSM+IDU	89	6.4
Latino MSM/MSM+IDU	464	33.3
Caucasian MSM/MSM+IDU	335	24.1
Youth 13-24	270	19.4
Total	1,158^d	NA^d

^cAge for Unaware is based on age at HIV diagnosis in either 2016 or 2017.

^dTarget populations do not sum to the total unaware nor do percentages add to 100 since not all race/risk groups are included and groups may overlap.

QUESTIONS



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Samantha.Tweeten@sdcounty.ca.gov

619.692.8505

www.sdhivaids.org





KEY POPULATIONS

