



The South Carolina Department of Health and Environmental Control

South Carolina Ryan White
Statewide Coordinated Statement of Need

SC DHEC STD/HIV Division

December 14, 2011

The HIV Epidemic in SC

- African Americans over represented (72% PLWHA, 76% new cases)
- Men over represented (69% PLWHA, 75% new cases)
- MSM most common reported risk factor (74% new cases)
- Most PLWHA are over 45 years old (52% PLWHA)
- Most new cases are under 45 years old (73% new cases under 45, 42% new cases under 30)
- Number of PLWHA has steadily increased due to ART and care services which have contributed to decline in HIV related deaths

What do we know about people in South Carolina who are HIV+ and:

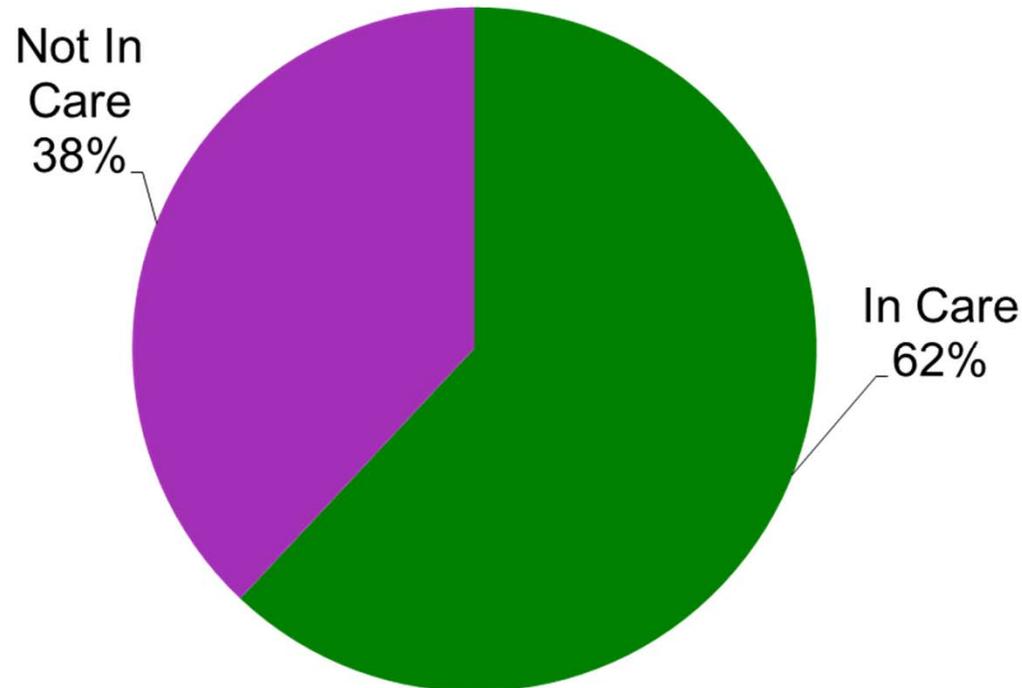
- In care?
- Not in care?

Methodology*

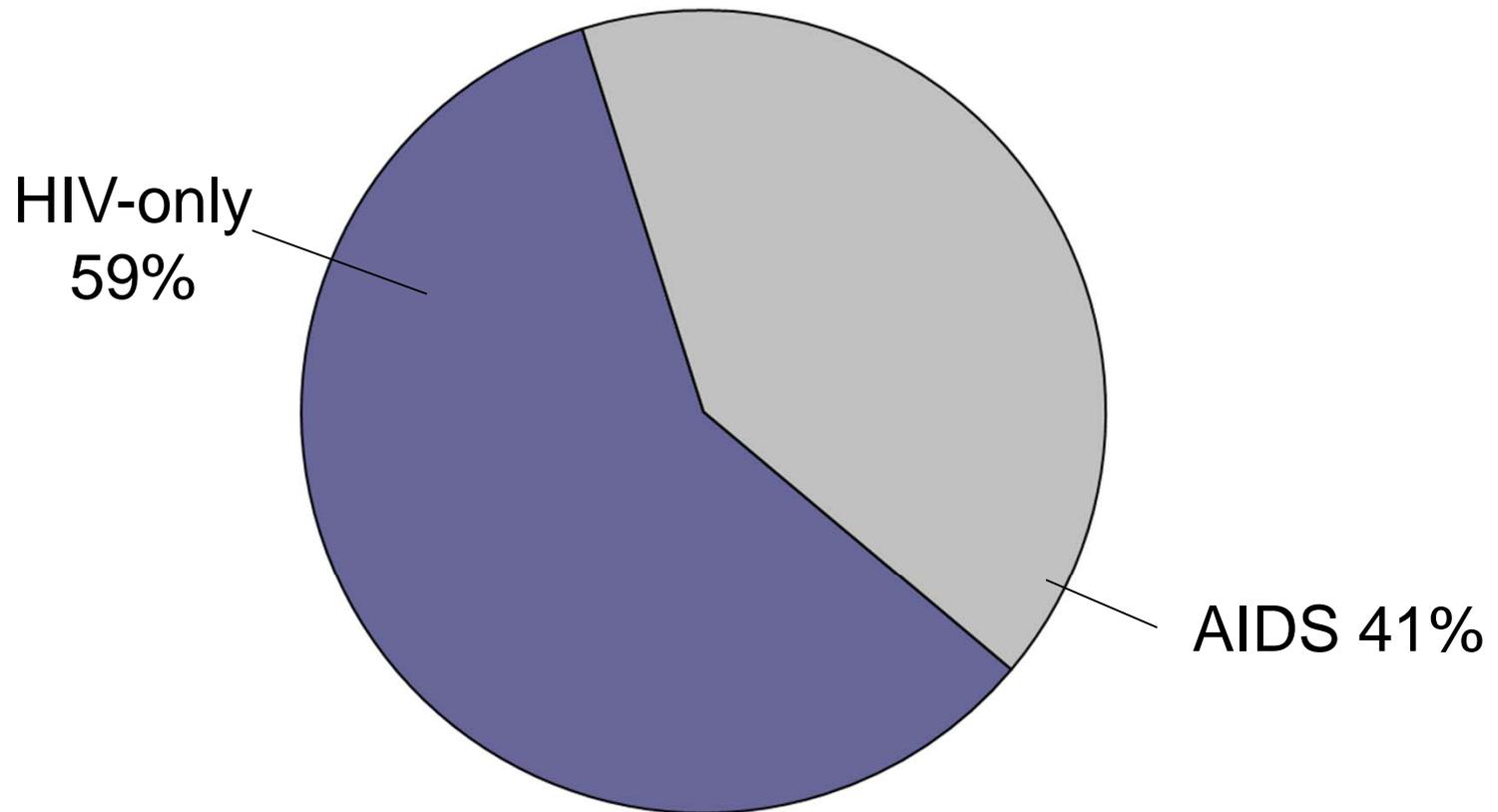
- Reviewed South Carolina cases diagnosed through 2010
- As defined by HRSA, persons with at least one CD4 or viral load test report during 2010 were defined as “in care”
- Persons with no CD4 or viral load test report during 2010 were defined as “not in care”

*Laboratory based reporting

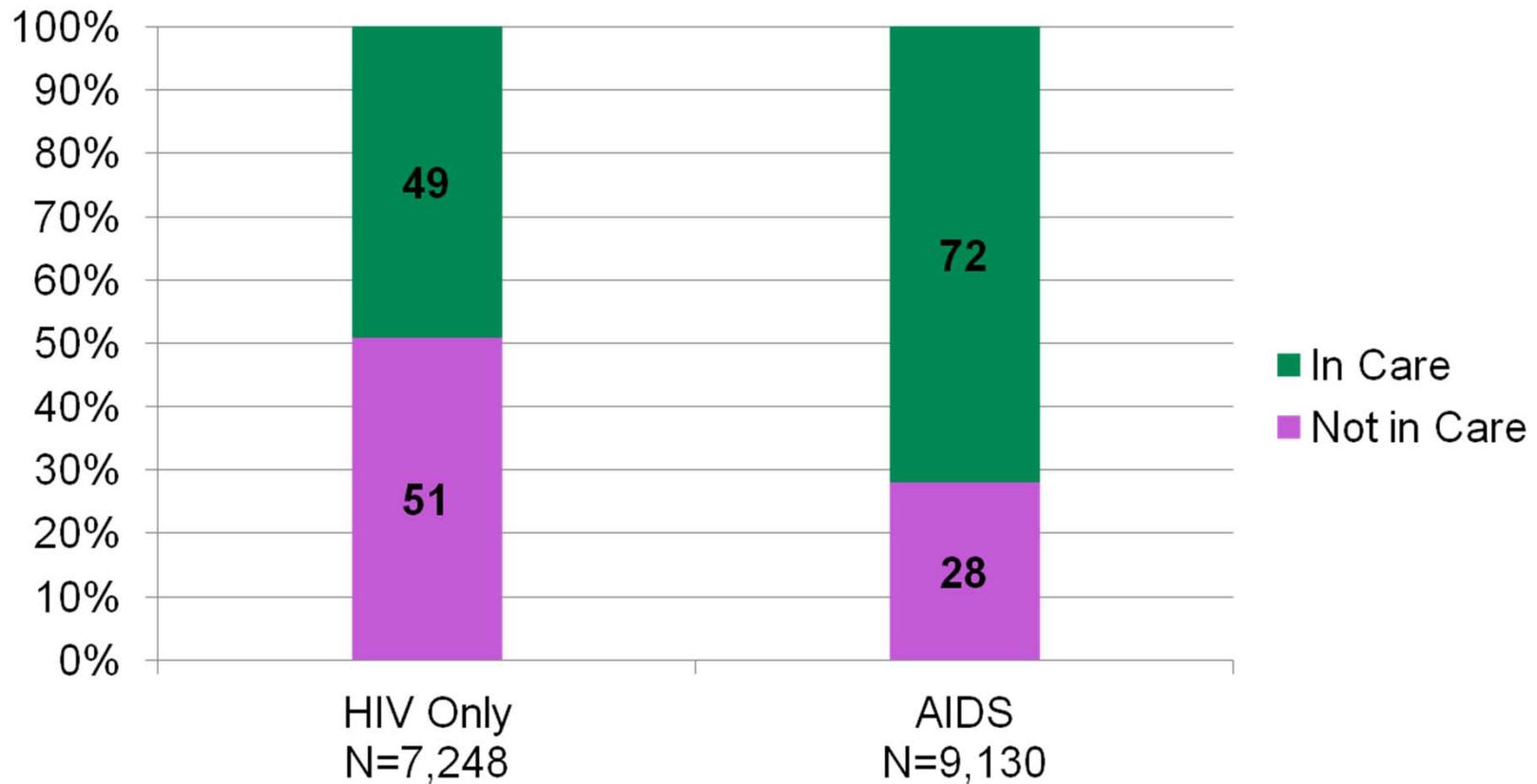
SC HIV/AIDS Cases Estimated Not in Care vs. In Care Diagnosed through 2010 (N=16,378)



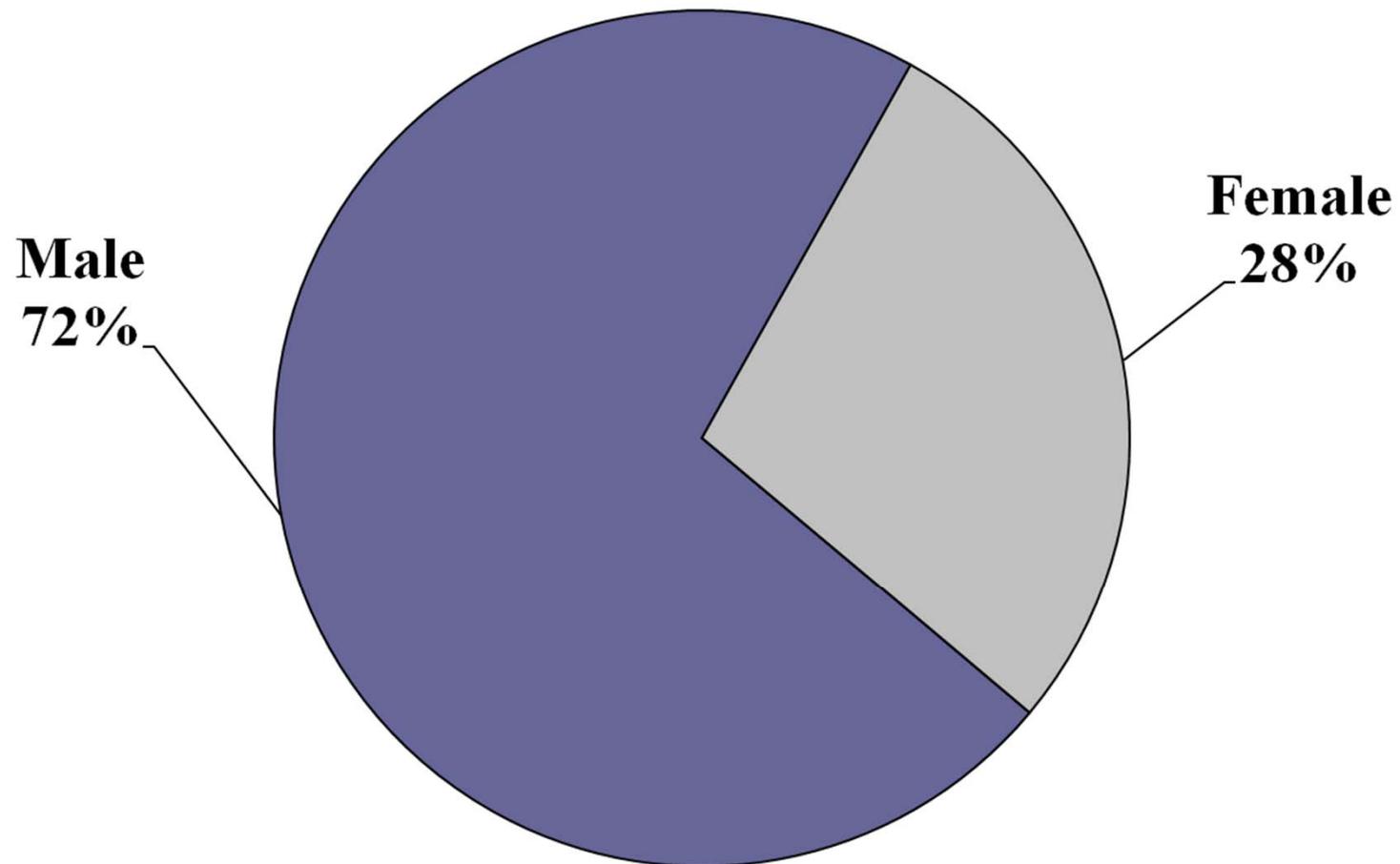
SC HIV/AIDS Cases Estimated NOT in Care HIV-only vs. AIDS Diagnosed through 2010 (N=6,288)



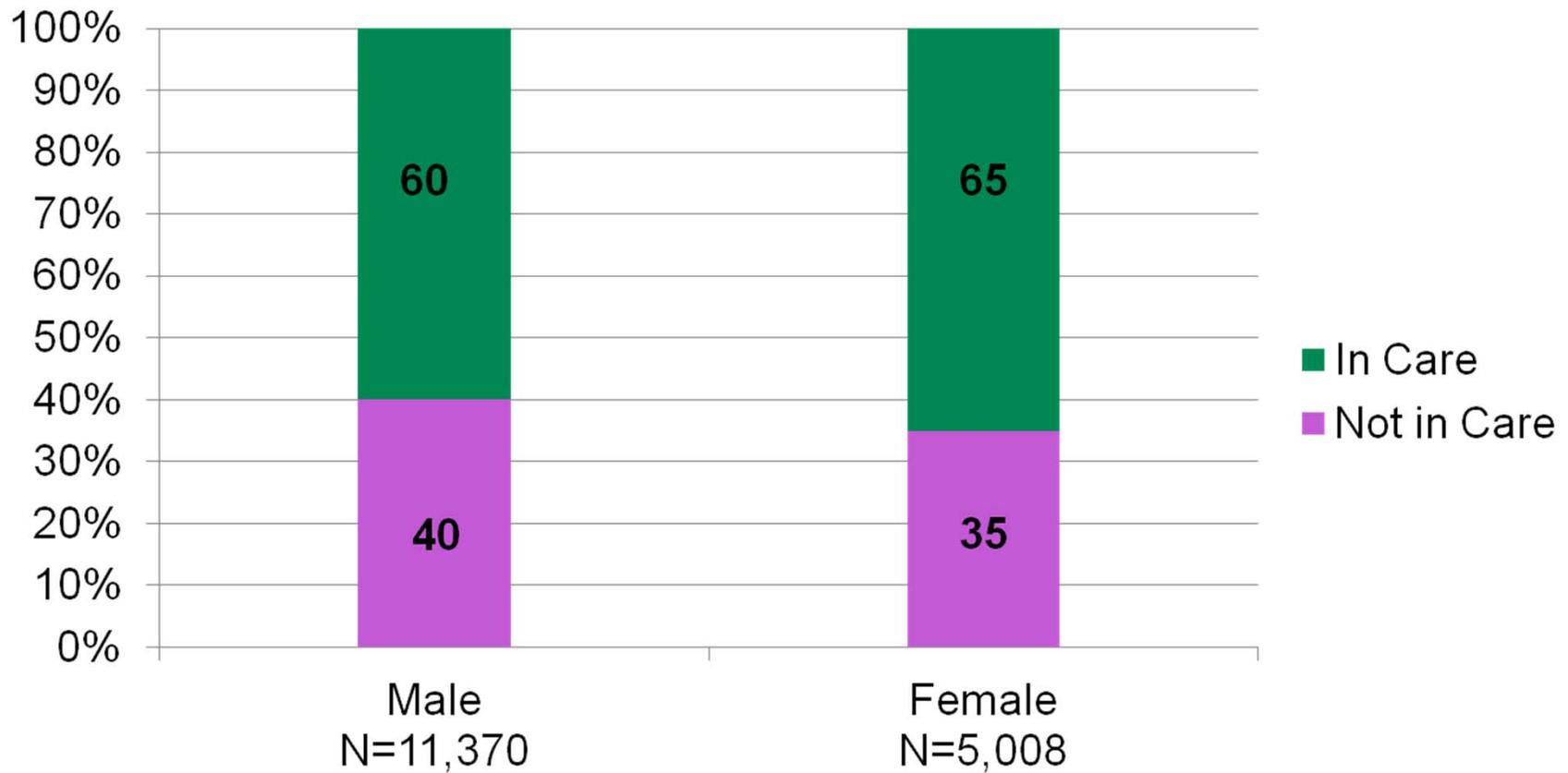
SC HIV/AIDS Cases Diagnosed through 2010, Comparison within HIV-only vs. AIDS Estimated Not in Care vs. In Care



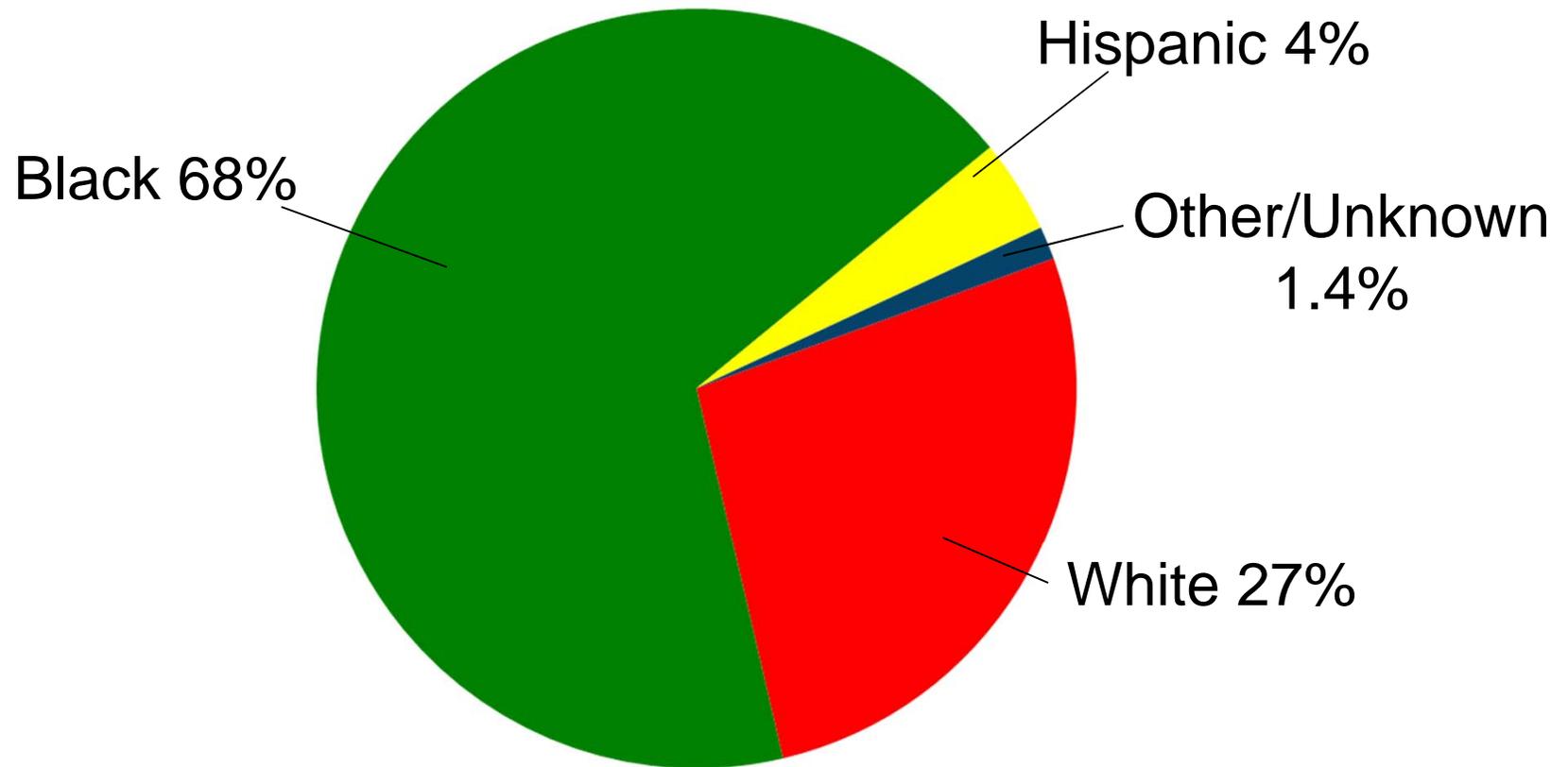
SC HIV/AIDS Cases Estimated NOT in Care Diagnosed through 2010 by Gender (N=6,288)



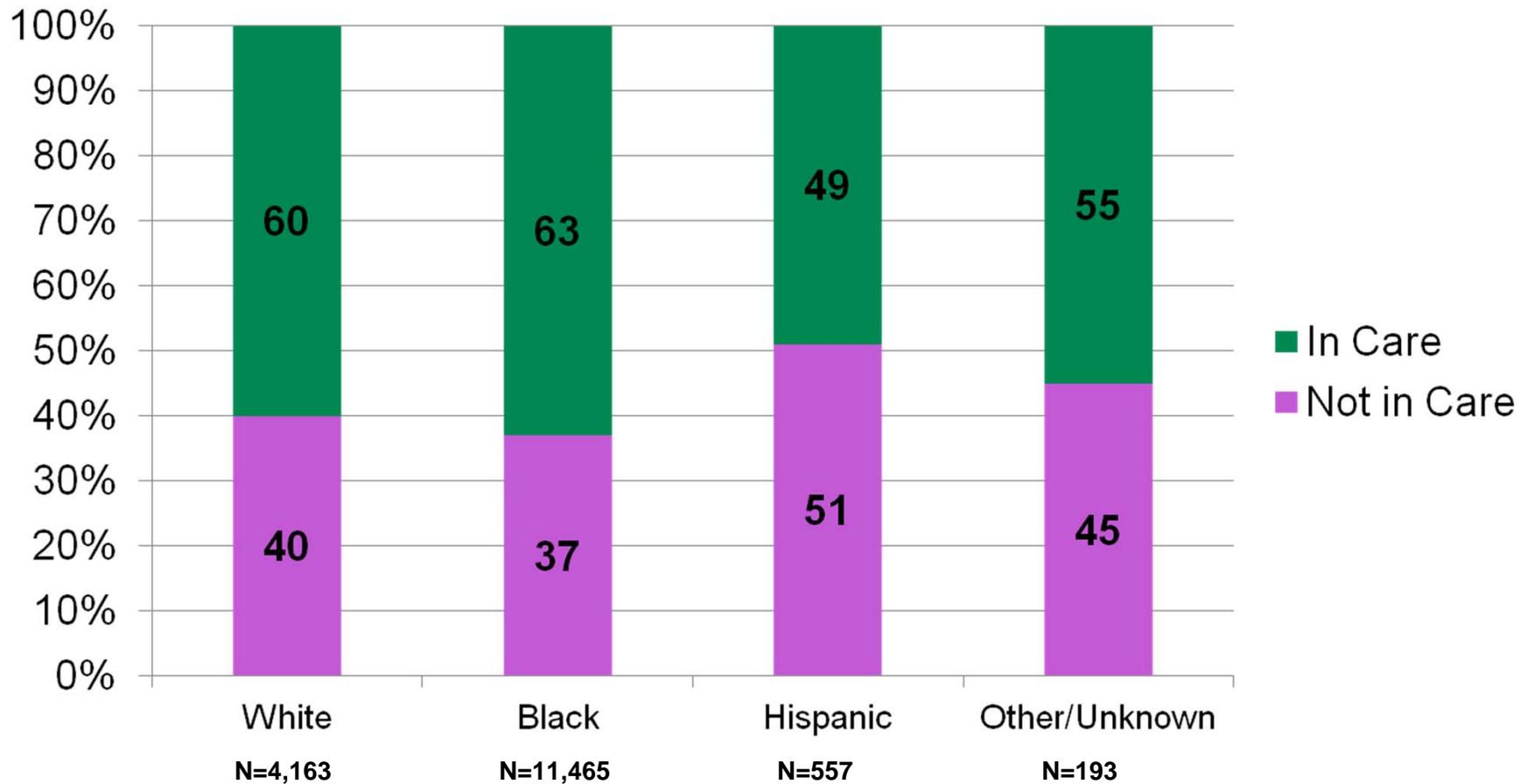
SC HIV/AIDS Cases Diagnosed through 2010 Comparison within Gender Estimated Not in Care vs. In Care



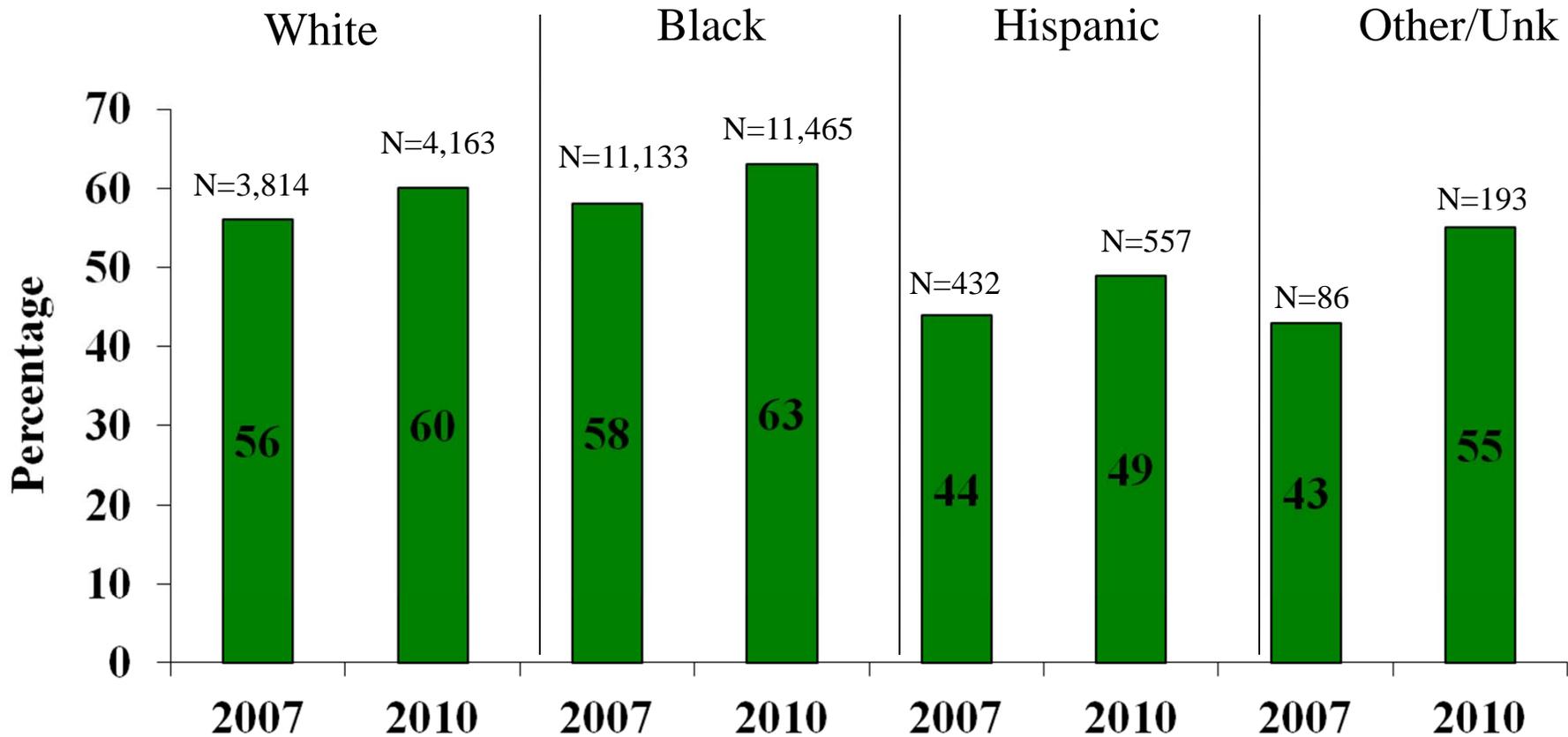
SC HIV/AIDS Cases Estimated NOT in Care Diagnosed through 2010 by Race (N=6,288)



SC HIV/AIDS Diagnosed through 2010 Comparison within Race Estimated Not in Care vs. In Care



SC HIV/AIDS Comparison of 2007 vs. 2010 Cases Diagnosed within Race/Ethnicity, Estimated In Care



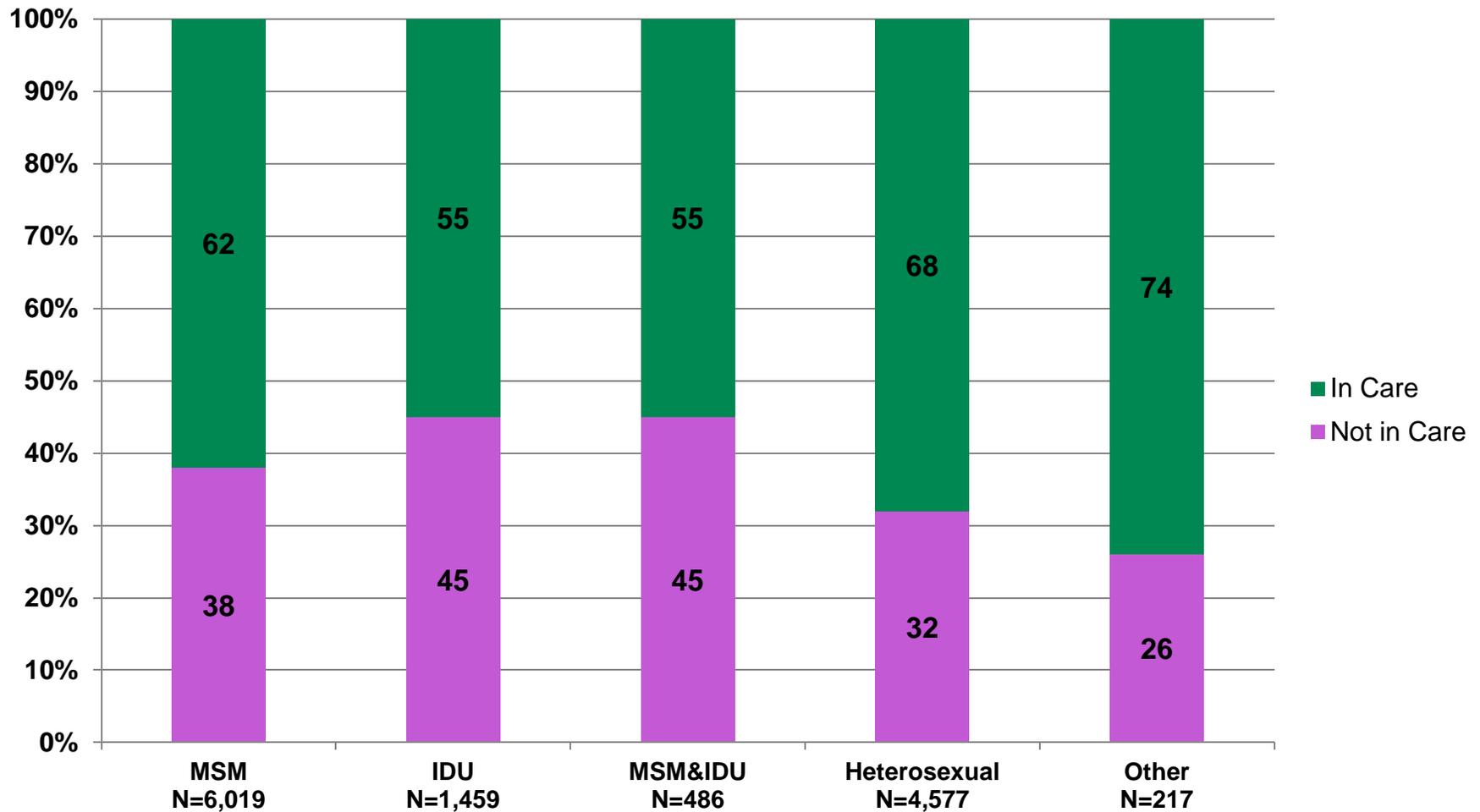
SC HIV/AIDS Cases Estimated NOT in Care Diagnosed through 2010 by Mode of Exposure*



5%

*excludes cases with no risk identified, N = 4,682

SC HIV/AIDS Cases Diagnosed through 2010 Comparison within Mode of Exposure Estimated Not in Care vs. In Care





— total for County



What do we know about people in South Carolina who are HIV+ and:

- Don't know their status?

Estimate of Undiagnosed PLWHA

- Using a HRSA prescribed formula (based on CDC national estimates), the estimate of the number of people living with HIV in SC who are unaware of their status is 4,353.

Characteristics of Undiagnosed*

- 22% of HIV+ males are undiagnosed
- 19% of HIV+ females are undiagnosed
- 19% of HIV+ whites are undiagnosed
- 22% of HIV+ African Americans are undiagnosed

*Estimate of undiagnosed persons with HIV in the United States: Campsmith, ML, Rhodes, PH, Hall, HI et al. Undiagnosed HIV prevalence among adults and adolescents in the United States at the end of 2006. *J Acquir Immune Defic Syndr.* 2010; 53(5):619-624

Characteristics of Undiagnosed*

- Majority of undiagnosed cases are among men who have sex with men (54% overall)
- African Americans made up 49% of undiagnosed persons with HIV

*Estimate of undiagnosed persons with HIV in the United States: Campsmith, ML, Rhodes, PH, Hall, HI et al. Undiagnosed HIV prevalence among adults and adolescents in the United States at the end of 2006. *J Acquir Immune Defic Syndr.* 2010; 53(5):619-624