



HIV Surveillance in Urban and Nonurban Areas

2018

(preliminary)



HIV Infection in Urban and Nonurban Areas

- Many ways to characterize urban and nonurban areas and populations
- CDC uses metropolitan statistical areas (MSAs) as defined by the Office of Management and Budget (OMB)
- OMB subdivides MSAs as:
 - $\geq 500,000$ population
 - 50,000 – 499,999 population
 - Nonmetropolitan (<50,000 population)



Adults and Adolescents Living with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, Year-end 2017—United States

Race/ethnicity	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
American Indian/Alaska Native	1,602	210.1	545	133.3	751	95.4
Asian ^a	12,611	90.9	916	68.1	202	49.9
Black/African American	331,158	1307.4	40,561	827.2	22,239	715.6
Hispanic/Latino ^b	194,437	538.0	14,896	247.7	7,083	239.8
Native Hawaiian/other Pacific Islander	657	189.1	86	117.5	55	110.7
White	223,587	212.4	39,083	111.1	22,768	73.5
Multiple races	36,841	1,155.9	4,452	549.4	2,505	457.8
Total^c	801,480	433.5	100,584	206.4	55,646	143.3

Note. Data are based on address of residence as of December 31, 2017 (i.e., most recent known address). Data exclude persons whose county of residence is unknown.

^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.

^c Includes persons whose race/ethnicity is unknown.



U.S. Census Bureau Regions of the United States





Adults and Adolescents Living with Diagnosed HIV Infection, by Population of Area of Residence and Region, Year-end 2017—United States

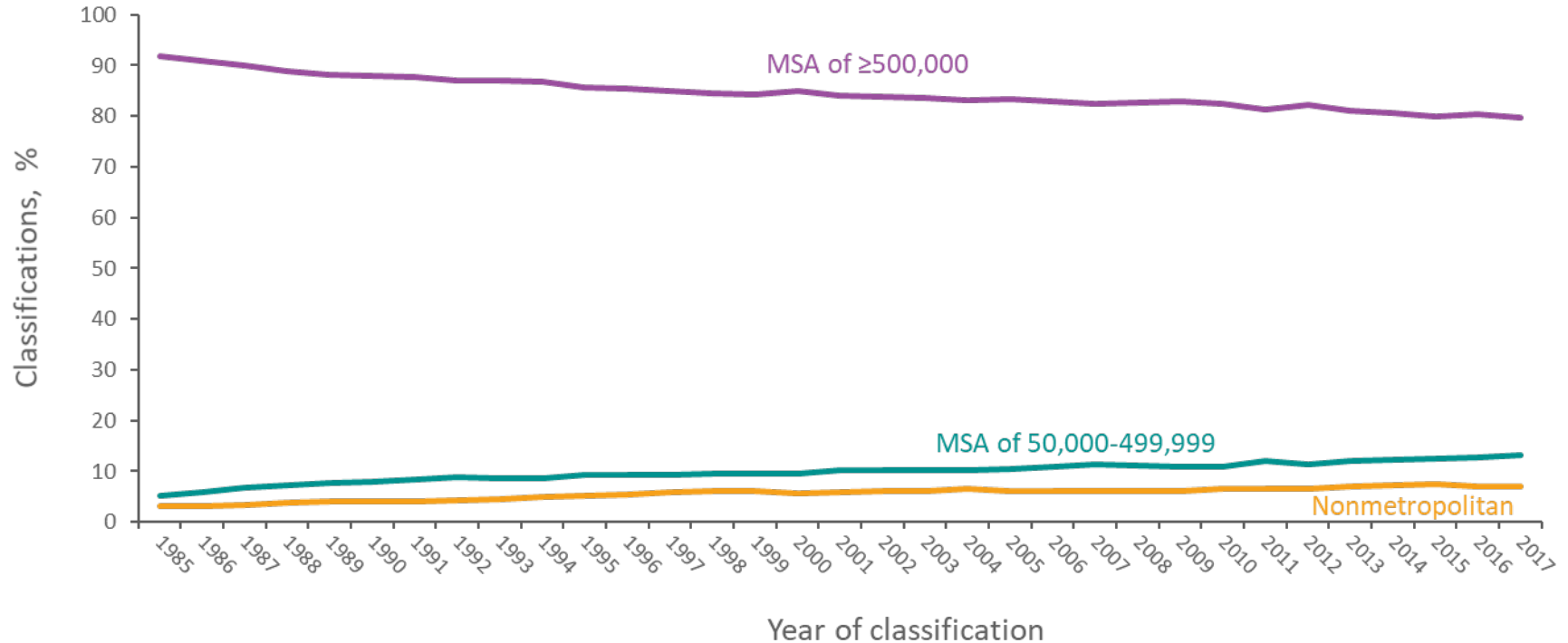
Region of residence	MSA of $\geq 500,000$		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 218,771	203,590	524.3	10,184	203.7	4,997	126.4
Midwest N = 112,589	89,434	277.3	14,741	121.2	8,414	66.5
South N = 431,629	335,917	511.7	59,422	283.8	36,290	219.0
West N = 194,721	172,539	358.2	16,237	152.9	5,945	105.1



Note. Data are based on address of residence as of December 31, 2017 (i.e., most recent known address). Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.



Percentages of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Year of Classification, 1985–2017—United States



Note. Data exclude persons whose county of residence is unknown.



Adults and Adolescents Living with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), by Population of Area of Residence and Region, Year-end 2017

United States

Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 123,069	114,630	295.2	5,606	112.1	2,833	71.7
Midwest N = 55,660	43,830	135.9	7,383	60.7	4,447	35.1
South N = 219,749	170,628	259.9	30,209	144.3	18,912	114.1
West N = 102,955	90,429	187.7	9,081	85.5	3,445	60.9

Note. Data are based on address of residence as of December 31, 2017 (i.e., most recent known address). Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.





Diagnoses of HIV Infection among Adults and Adolescents by Population of Area of Residence, 2018—United States

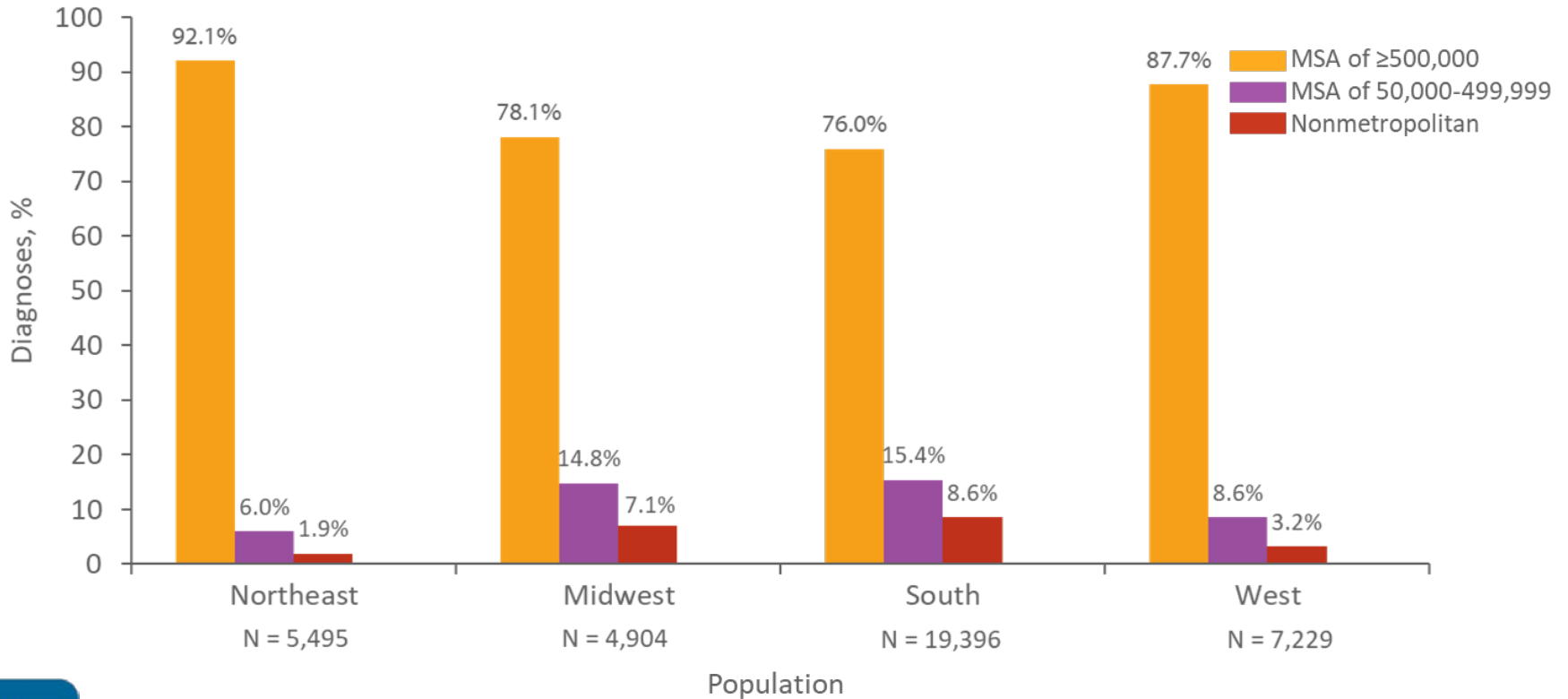
MSA Population	No.	Rate
≥500,000	29,975	16.1
50,000 – 499,999	4,702	9.6
Nonmetropolitan	2,347	6.0
Total	37,024	13.5

Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.





Percentages of Diagnoses of HIV Infection among Adults and Adolescents by Region and Population of Area of Residence, 2018—United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.





Diagnoses of HIV Infections among Adults and Adolescents, by Population of Area of Residence and Region, 2018—United States

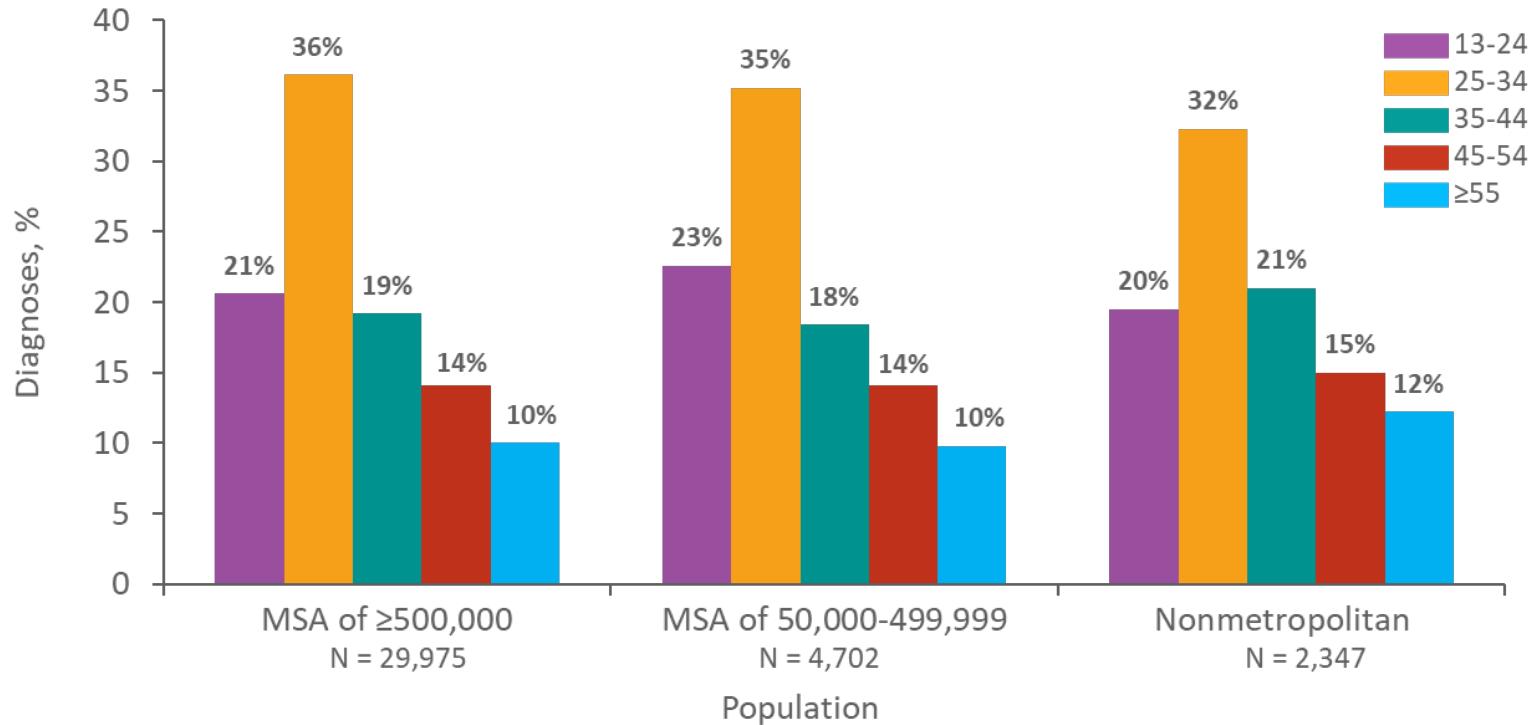
Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 5,495	5,062	13.0	329	6.6	104	2.6
Midwest N = 4,904	3,832	11.8	726	5.9	346	2.7
South N = 19,396	14,744	22.2	2,989	14.1	1,663	10.0
West N = 7,229	6,337	13.0	658	6.1	234	4.1

Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.





Percentages of Diagnoses of HIV Infection among Adults and Adolescents by Population of Area of Residence and Age at Diagnosis, 2018—United States

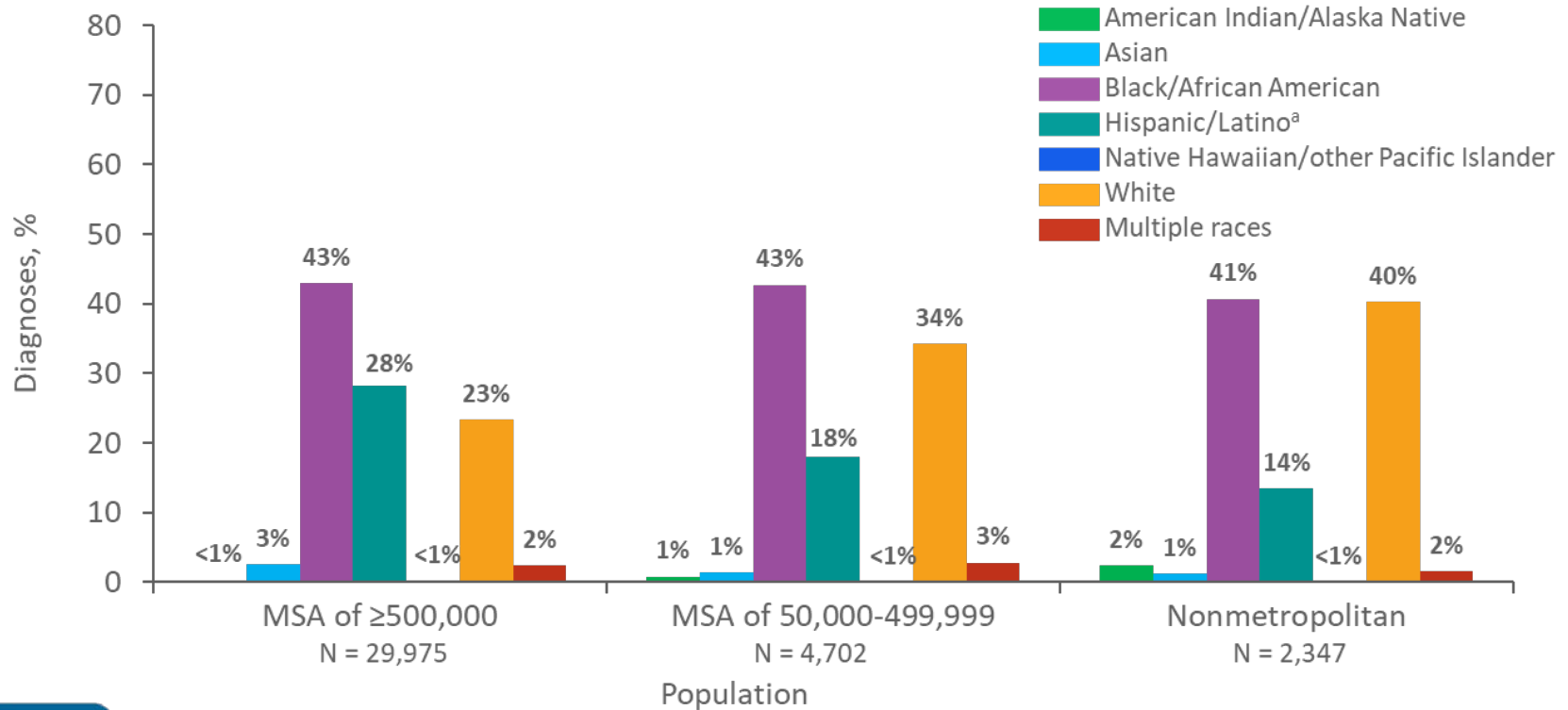


Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.





Percentages of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2018—United States

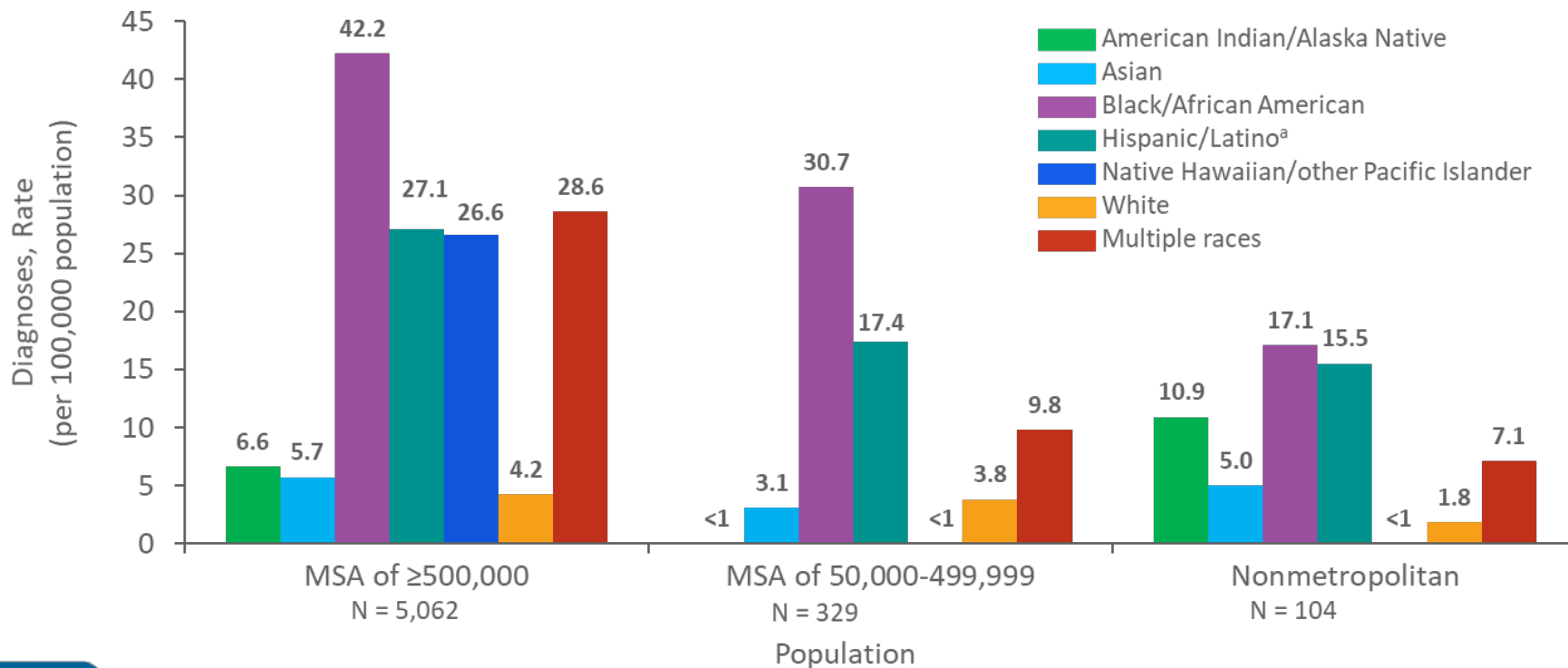


Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

^a Hispanics/Latinos can be of any race.



Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2018—Northeast Region, United States

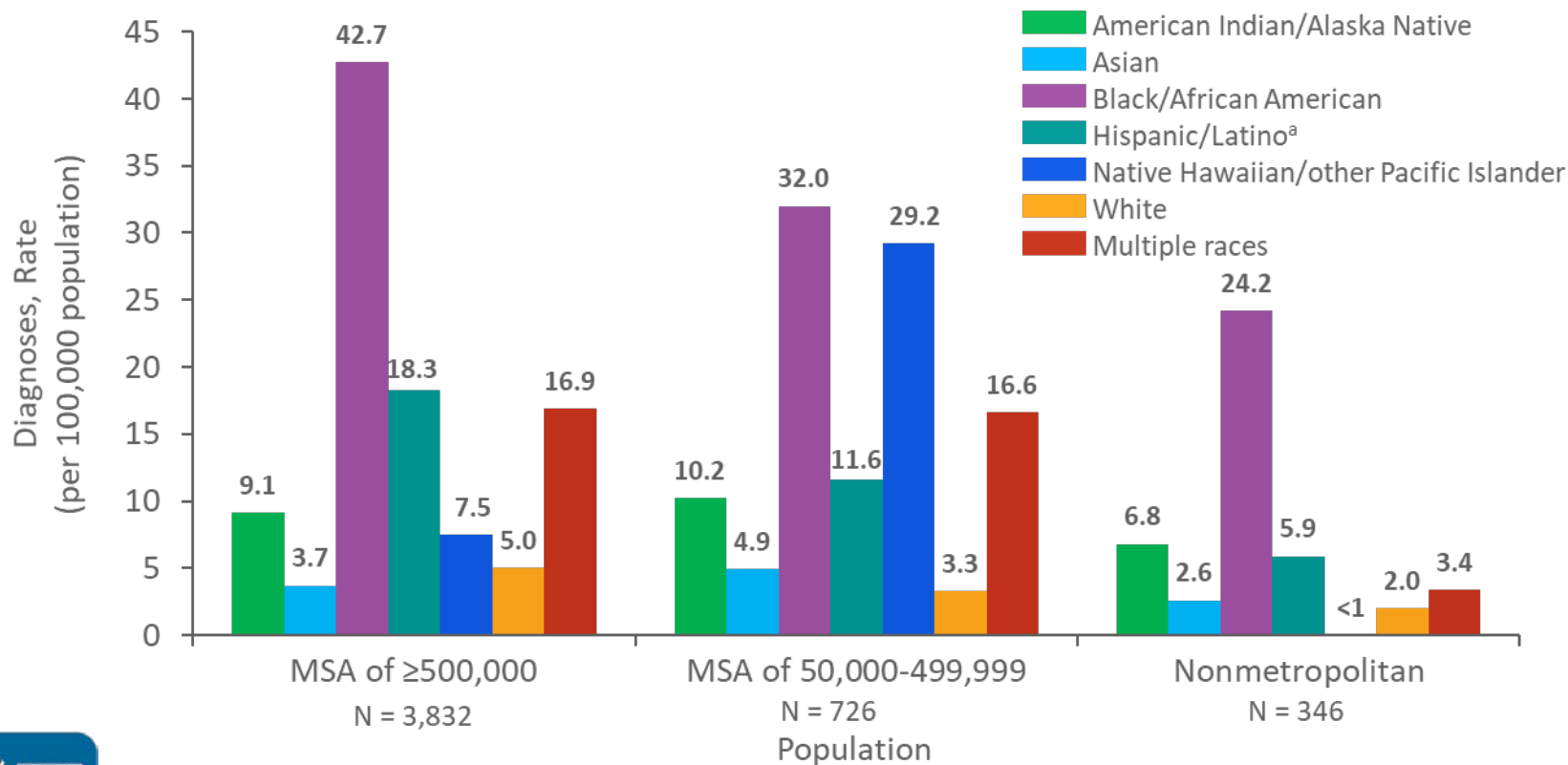


Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2018—Midwest Region, United States



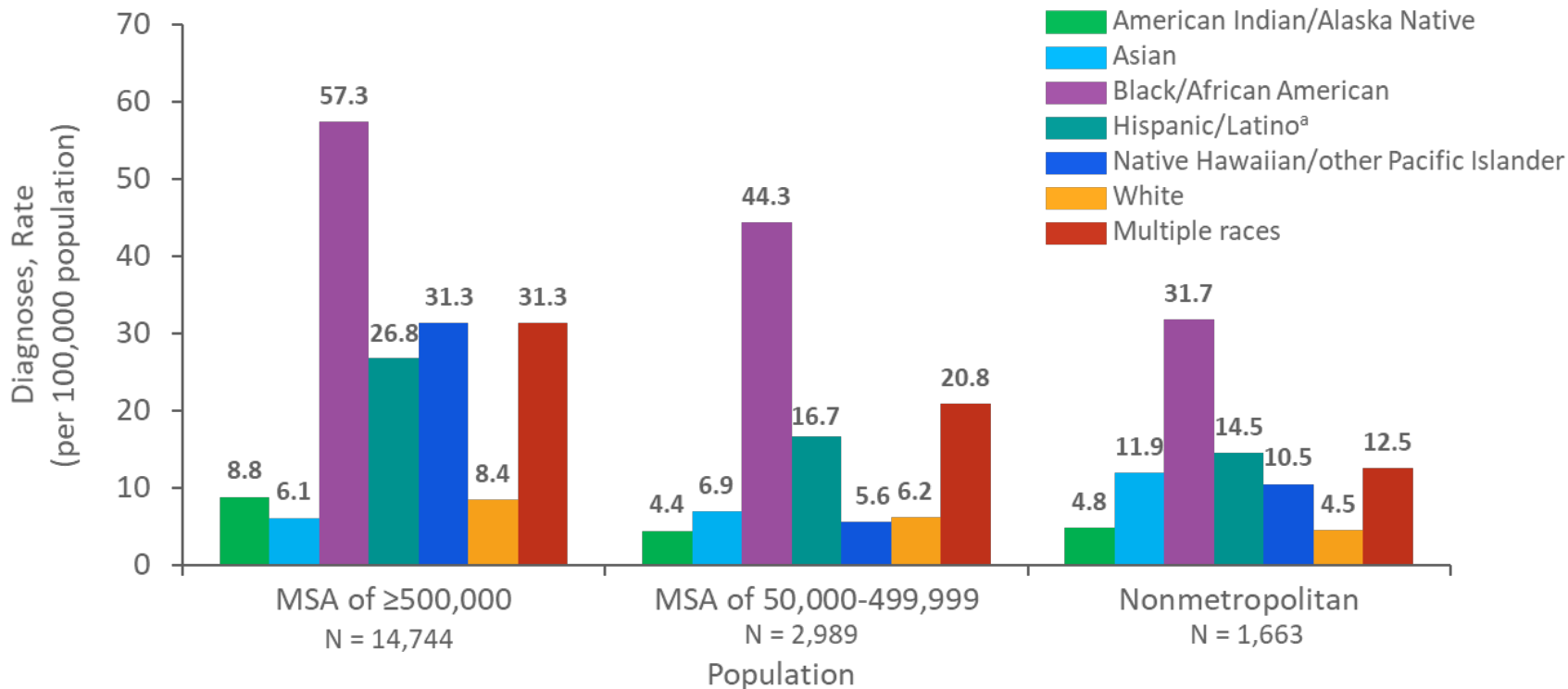
Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

^a Hispanics/Latinos can be of any race.





Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2018—South Region, United States



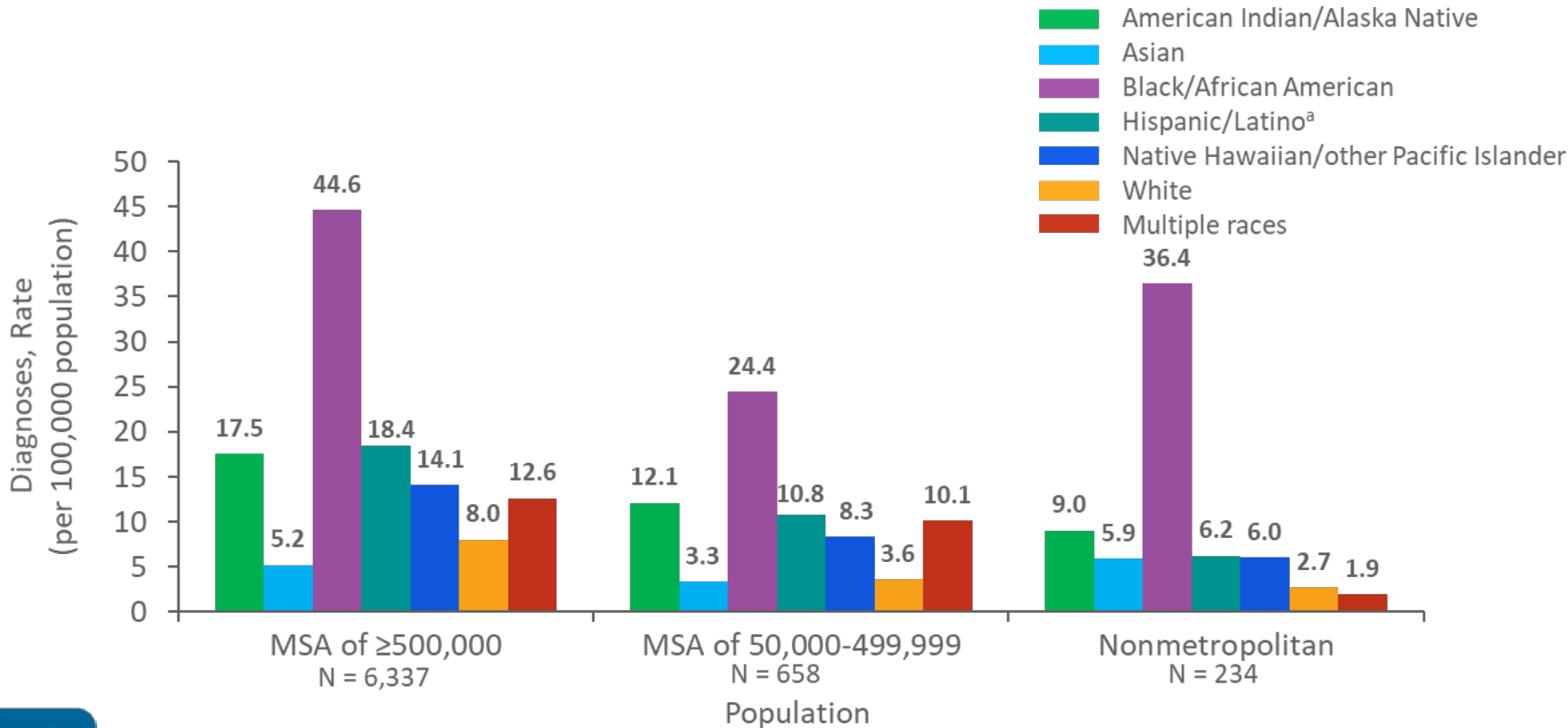
Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2018—West Region, United States



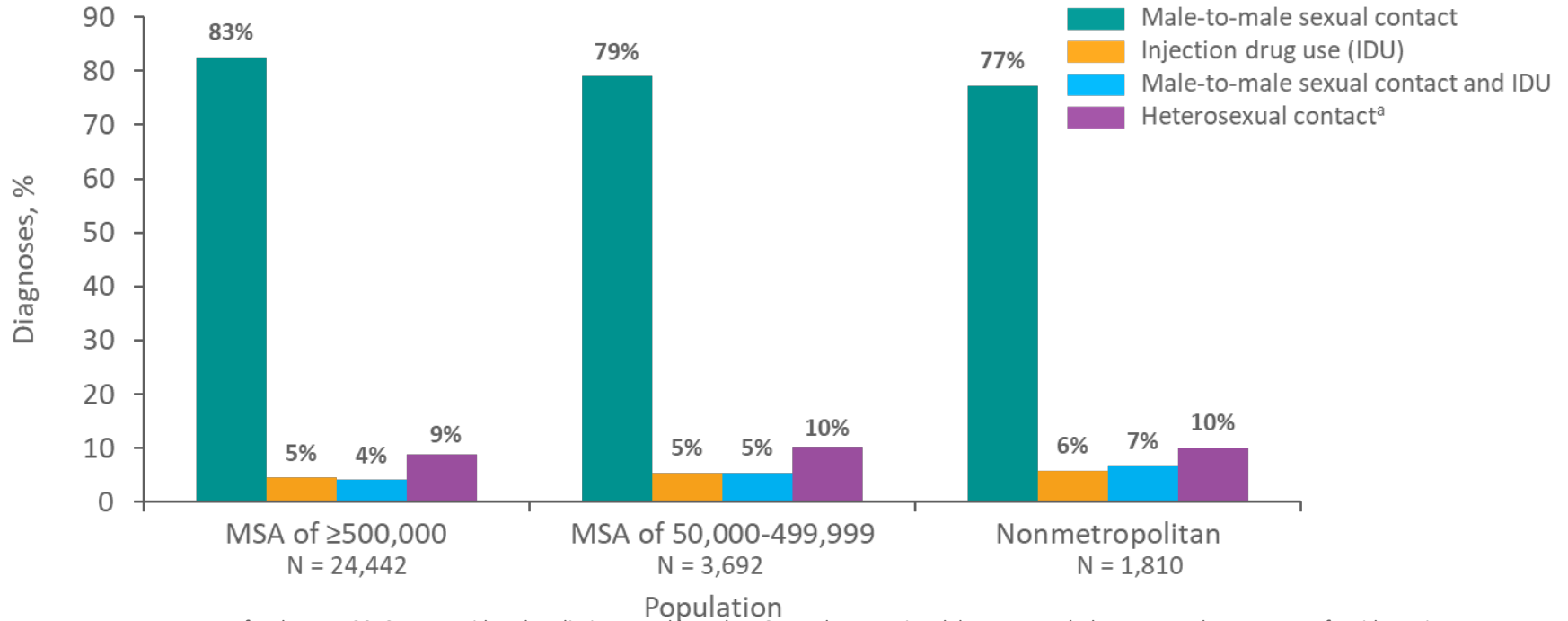
Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Percentages of Diagnoses of HIV Infection among Male Adults and Adolescents, by Population of Area of Residence and Transmission Category, 2018—United States



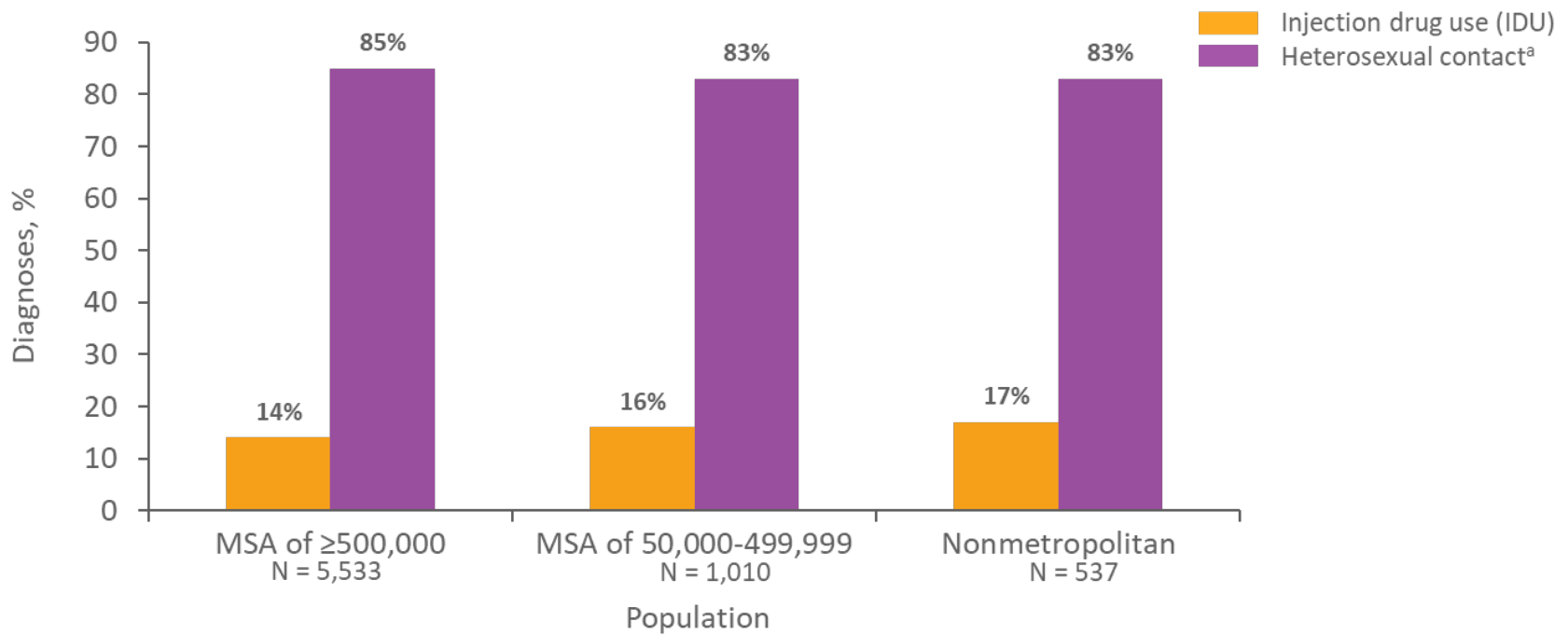
Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Data have been statistically adjusted to account for missing transmission category. “Other” transmission category not displayed as it comprises less than 1% of cases.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.





Percentages of Diagnoses of HIV Infection among Female Adults and Adolescents, by Population of Area of Residence and Transmission Category, 2018—United States



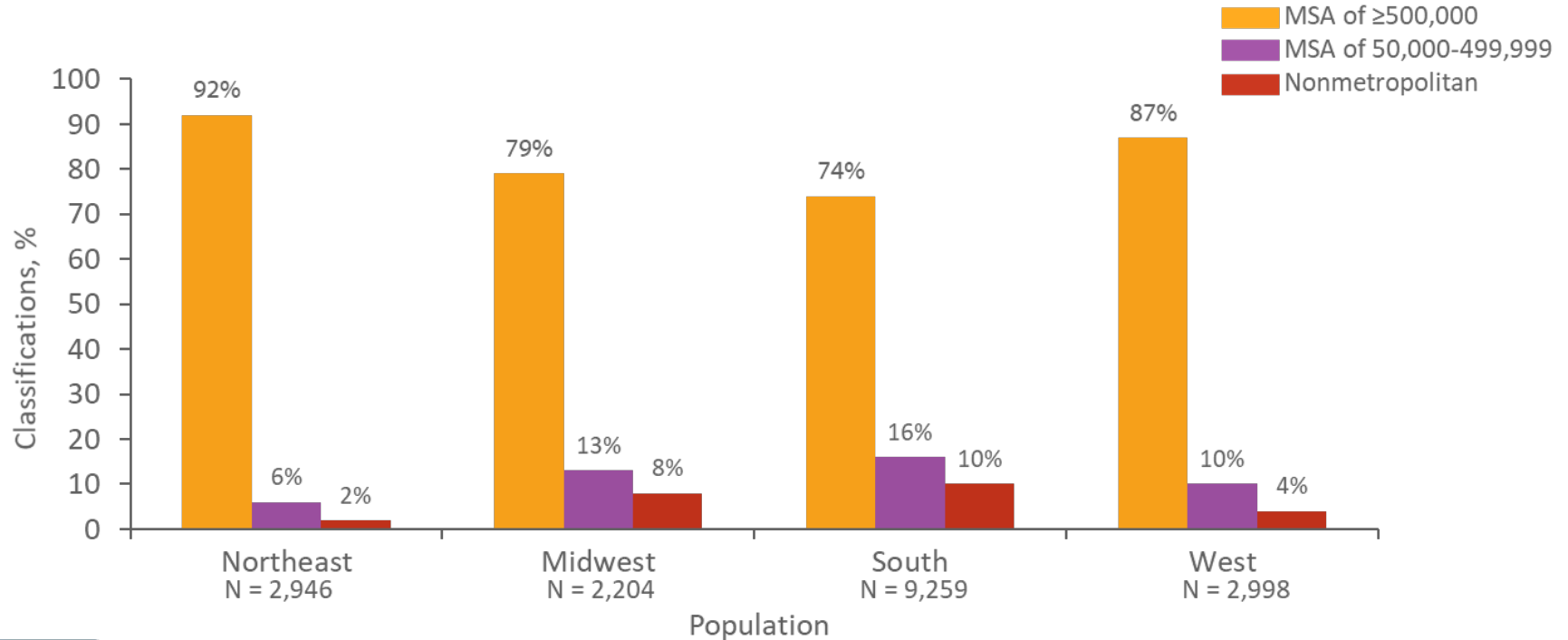
Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Data have been statistically adjusted to account for missing transmission category. “Other” transmission category not displayed as it comprises less than 1% of cases.

^a Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.





Percentages of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Region and Population of Area of Residence, 2018 United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.





Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Region, 2018—United States

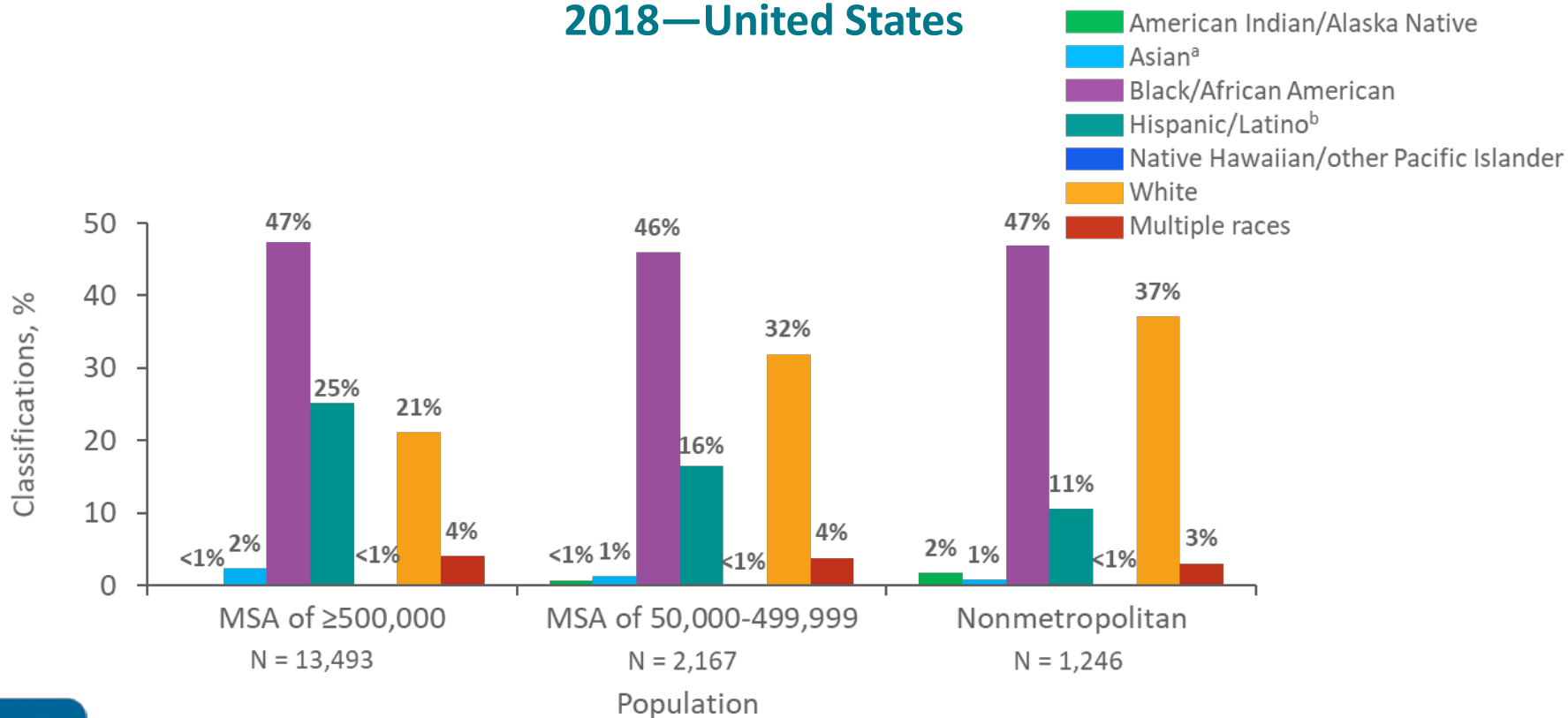
Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 2,807	2,580	6.6	167	3.3	60	1.5
Midwest N = 2,237	1,763	5.4	288	2.4	186	1.5
South N = 8,956	6,636	10.0	1,434	6.8	886	5.3
West N = 2,906	2,514	5.2	278	2.6	114	2.0

Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.





Percentages of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity 2018—United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

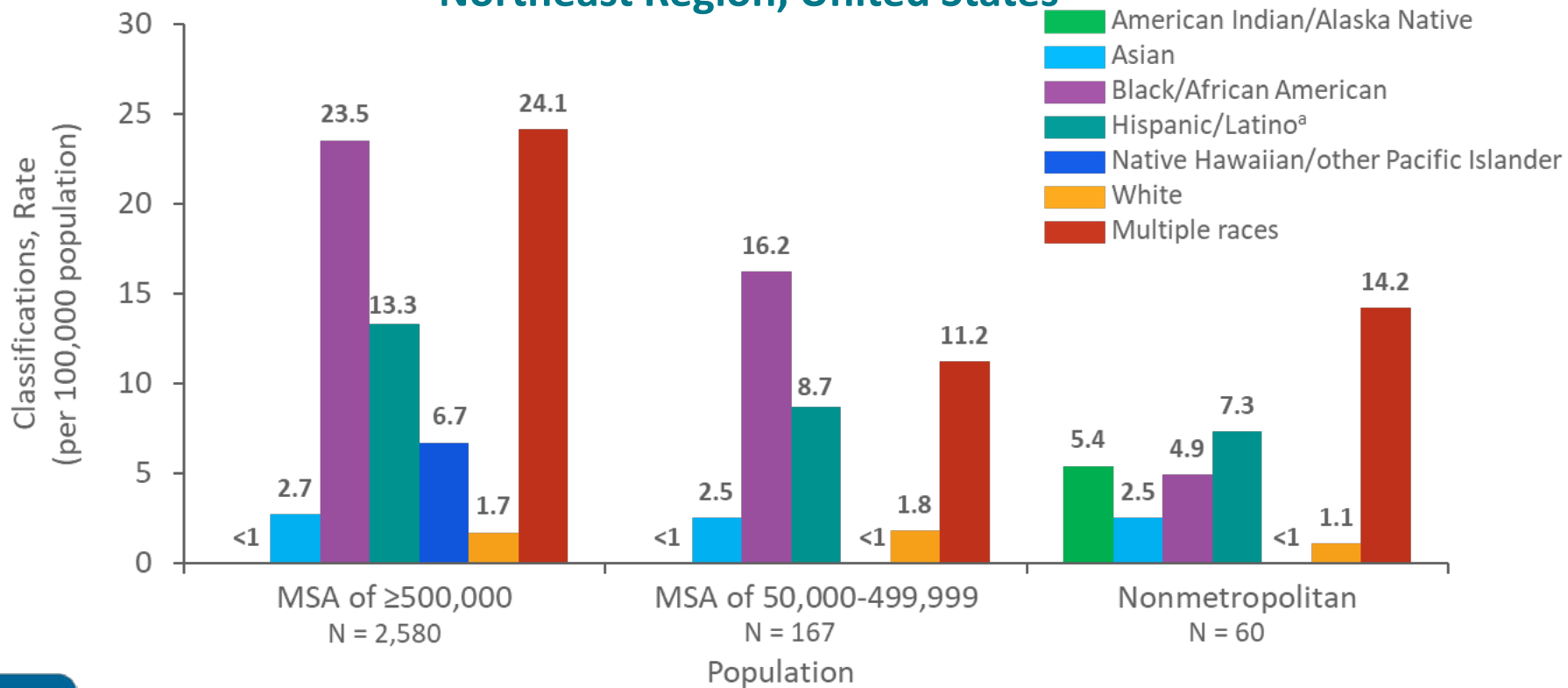
^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.



Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2018

Northeast Region, United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

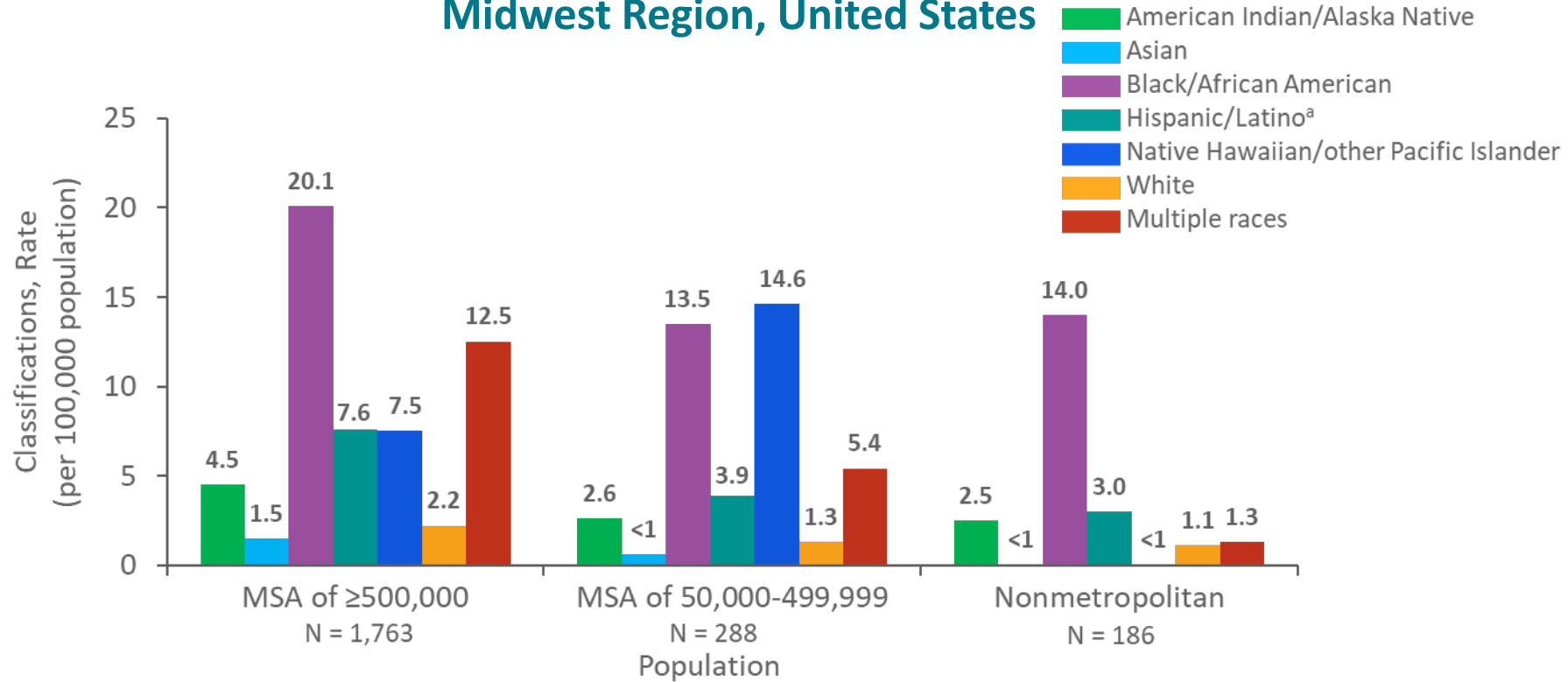
^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.



Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2018

Midwest Region, United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

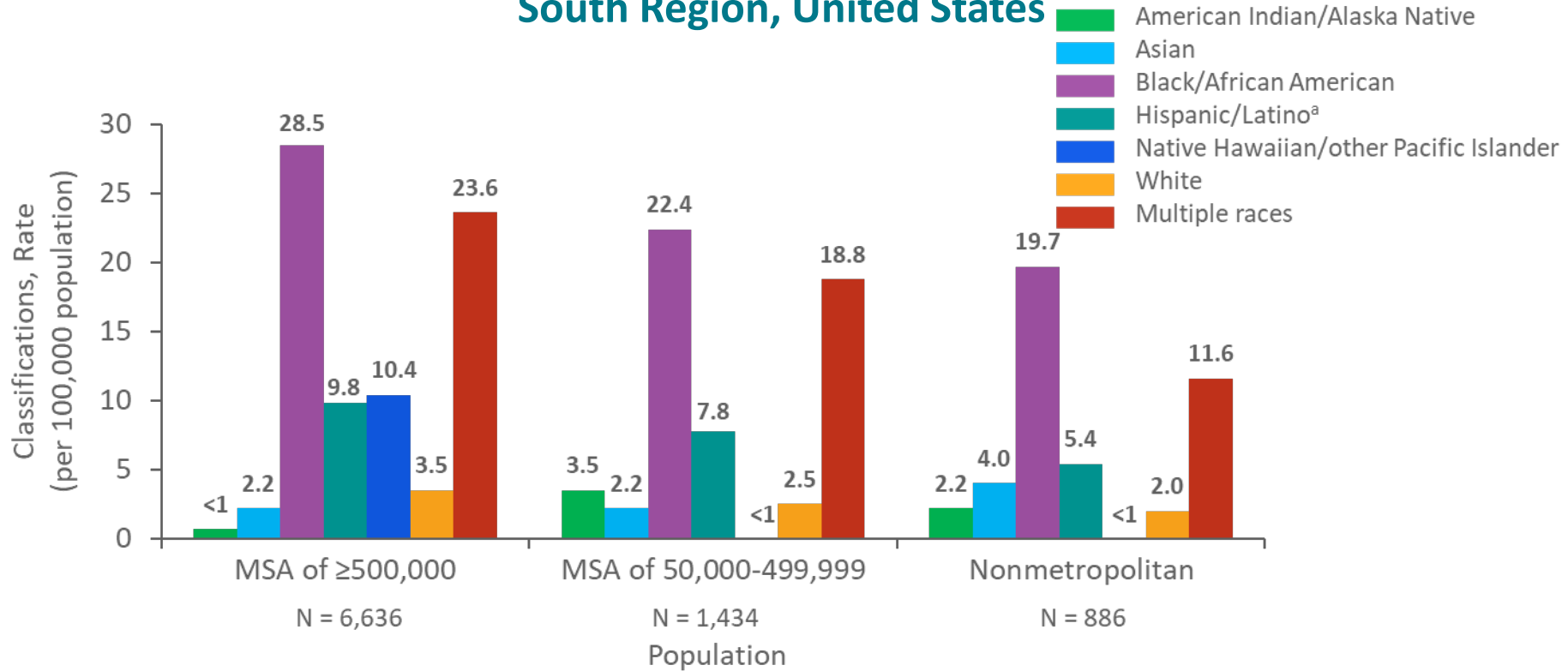
^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.



Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2018

South Region, United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

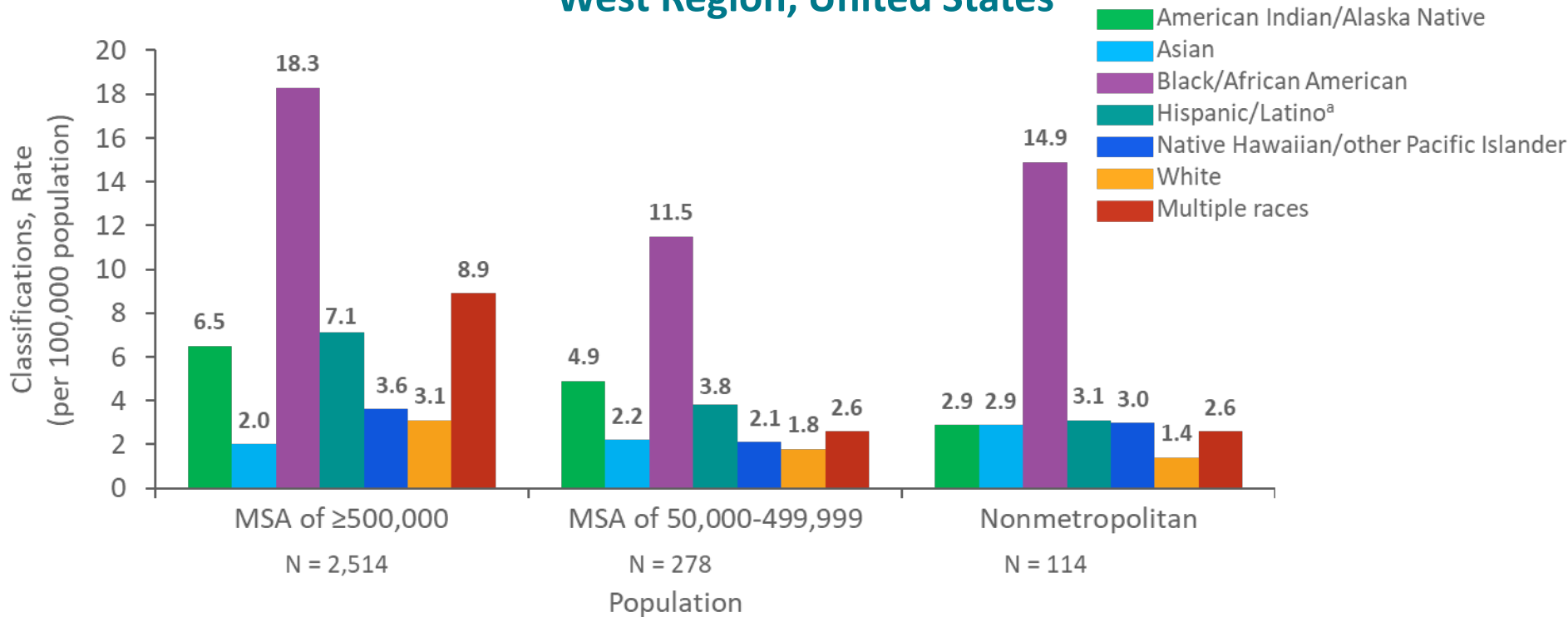
^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.



Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2018

West Region, United States



Note. Data for the year 2018 are considered preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.