



HIV Surveillance in Urban and Nonurban Areas through 2016

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 2015—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	1,572	209.5	479	121.9	686	90.0
Asian ^a	11,254	86.4	791	63.7	190	49.4
Black/African American	317,441	1282.8	39,447	822.8	22,216	713.3
Hispanic/Latino ^b	185,421	536.7	13,854	247.6	6,886	244.4
Native Hawaiian/other Pacific Islander	687	205.1	95	138.6	55	117.0
White	222,919	211.7	37,172	106.9	21,657	69.5
Multiple races	29,505	989.1	3,753	503.9	2,102	403.9
Total^c	769,484	423.5	95,636	200.8	53,837	138.7

Note. Data are based on address of residence as of December 31, 2015 (i.e., most recent known address). Data exclude persons whose county of residence is unknown.

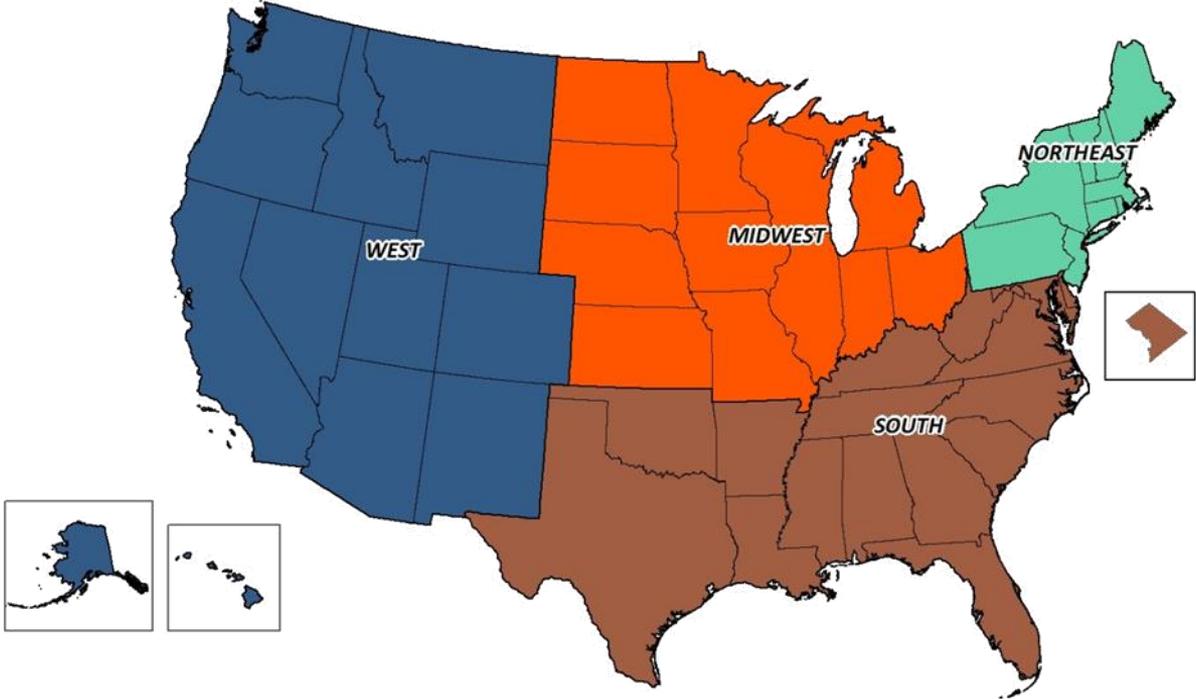
^a Includes Asian/Pacific Islander legacy cases.

^b Hispanics/Latinos can be of any race.

^c Includes persons whose race/ethnicity is unknown.



Regions of the United States



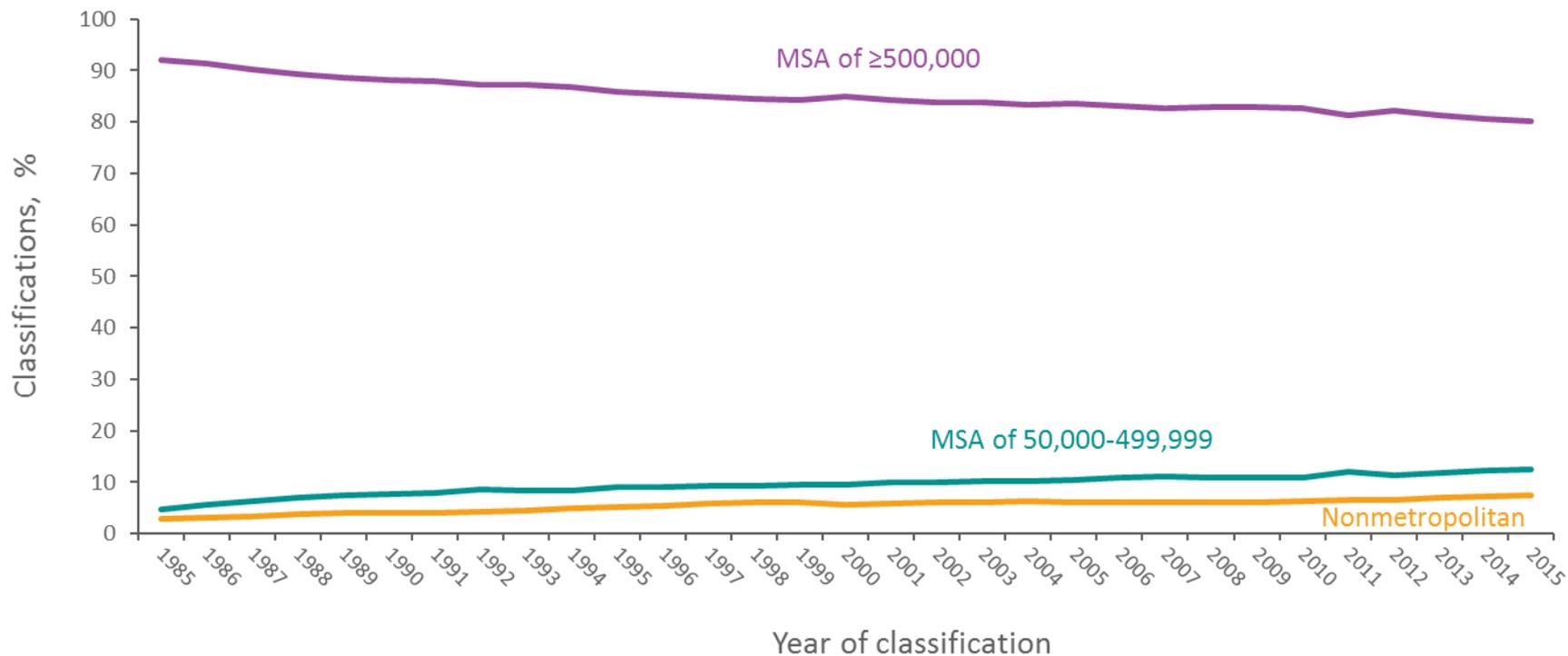
Adults and Adolescents Living with Diagnosed HIV Infection, by Population of Area of Residence and Region, Year-end 2015—United States

Region of residence	MSA of $\geq 500,000$		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 224,564	207,342	534.7	11,678	233.0	5,544	139.4
Midwest N = 108,806	87,024	272.9	13,953	115.5	7,829	61.6
South N = 404,706	313,056	492.3	56,361	273.7	35,289	213.0
West N = 180,881	162,062	341.5	13,644	137.3	5,175	93.0

Note. Data are based on address of residence as of December 31, 2015 (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, 1985–2015—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 2015— 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 = 128,288	118,638	305.9	6,457	128.8	3,193	80.3
Midwest N = 55,140	43,769	137.3	7,129	59.0	4,242	33.4
South N = 211,338	163,285	256.8	29,354	142.6	18,699	112.9
West N = 98,950	88,129	185.7	7,746	77.9	3,075	55.3

Note. Data are based on address of residence as of December 31, 2015 (i.e., most recent known address). Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.



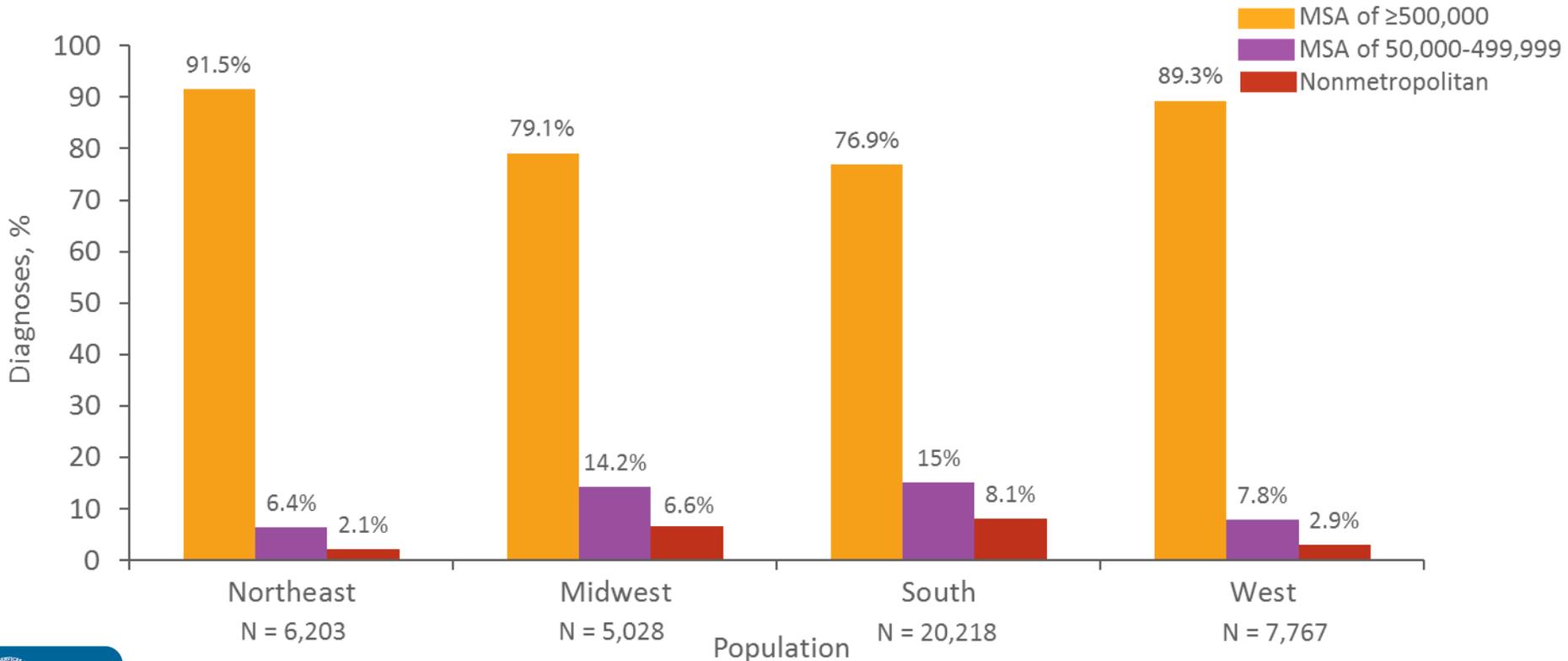
Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence, 2016—United States

MSA Population	No.	Rate
≥500,000	32,133	17.5
50,000 – 499,999	4,758	9.9
Nonmetropolitan	2,325	6.0
Total	39,216	14.5

Note. Data for the year 2016 are 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, 2016—United States



Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.



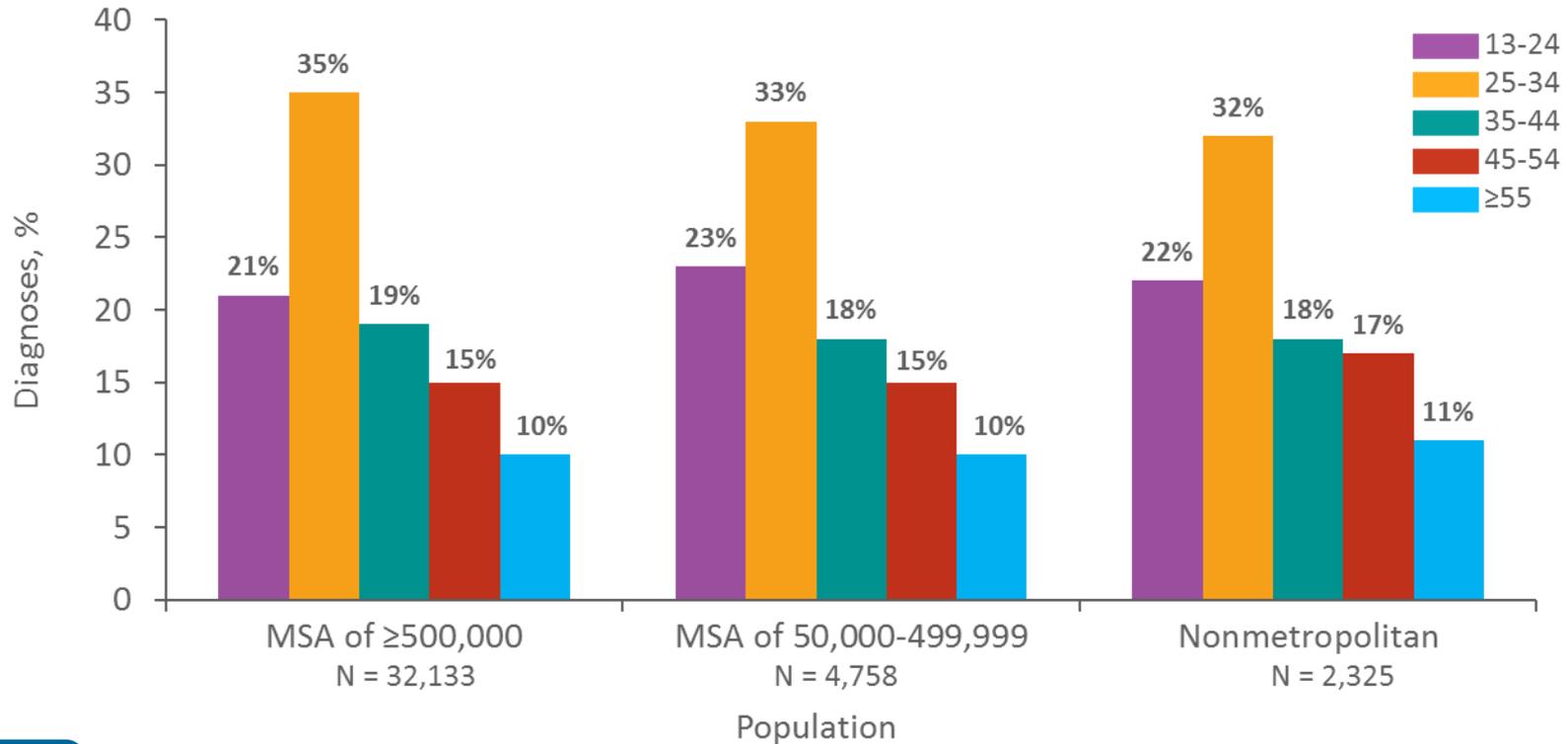
Diagnoses of HIV Infections among Adults and Adolescents, by Population of Area of Residence and Region, 2016—United States

Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 6,203	5,677	14.6	394	7.9	132	3.3
Midwest N = 5,028	3,978	12.4	716	5.9	334	2.6
South N = 20,218	15,542	24.1	3,040	14.6	1,636	9.9
West N = 7,767	6,936	14.4	608	6.0	223	4.0

Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Rates are per 100,000 population.



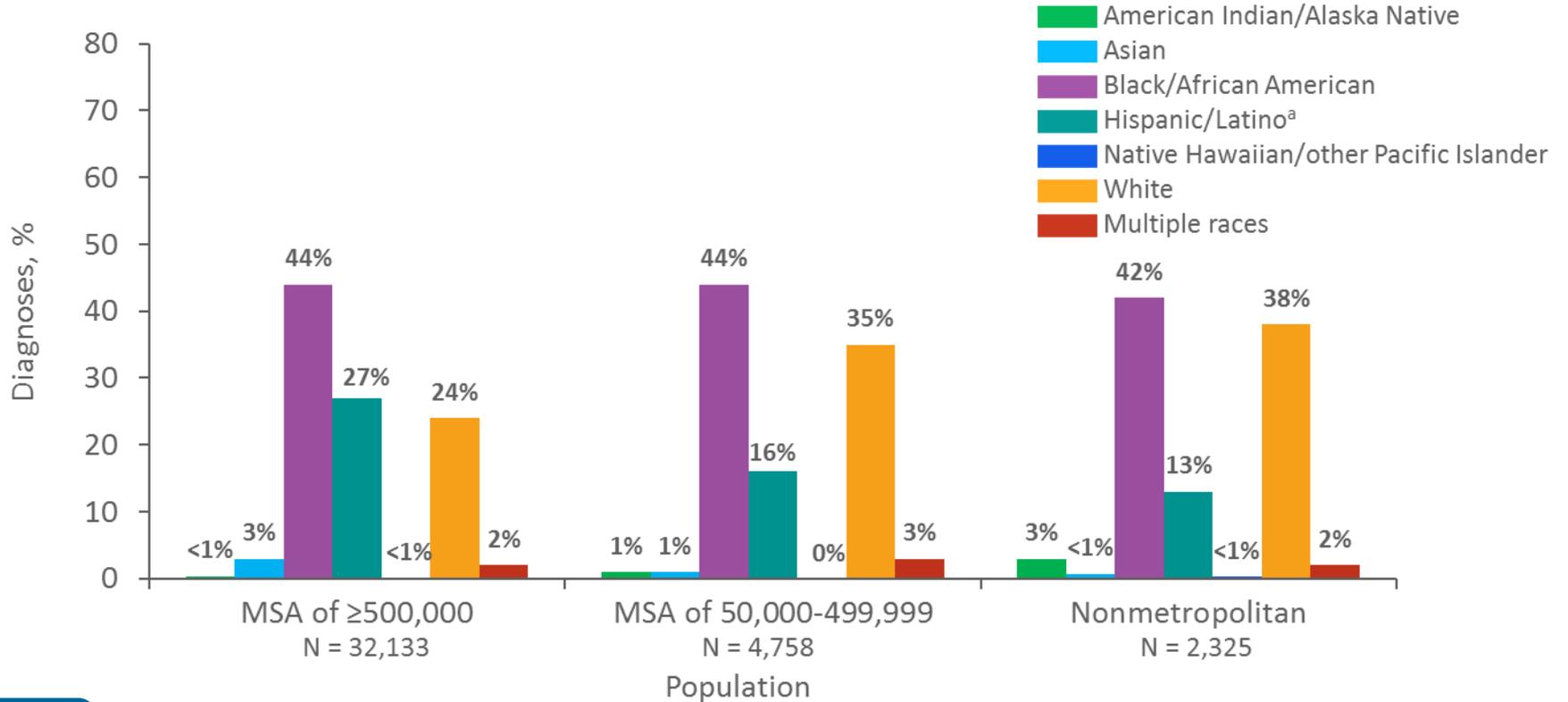
Percentages of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Age at Diagnosis, 2016—United States



Note. Data for the year 2016 are 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, 2016—United States

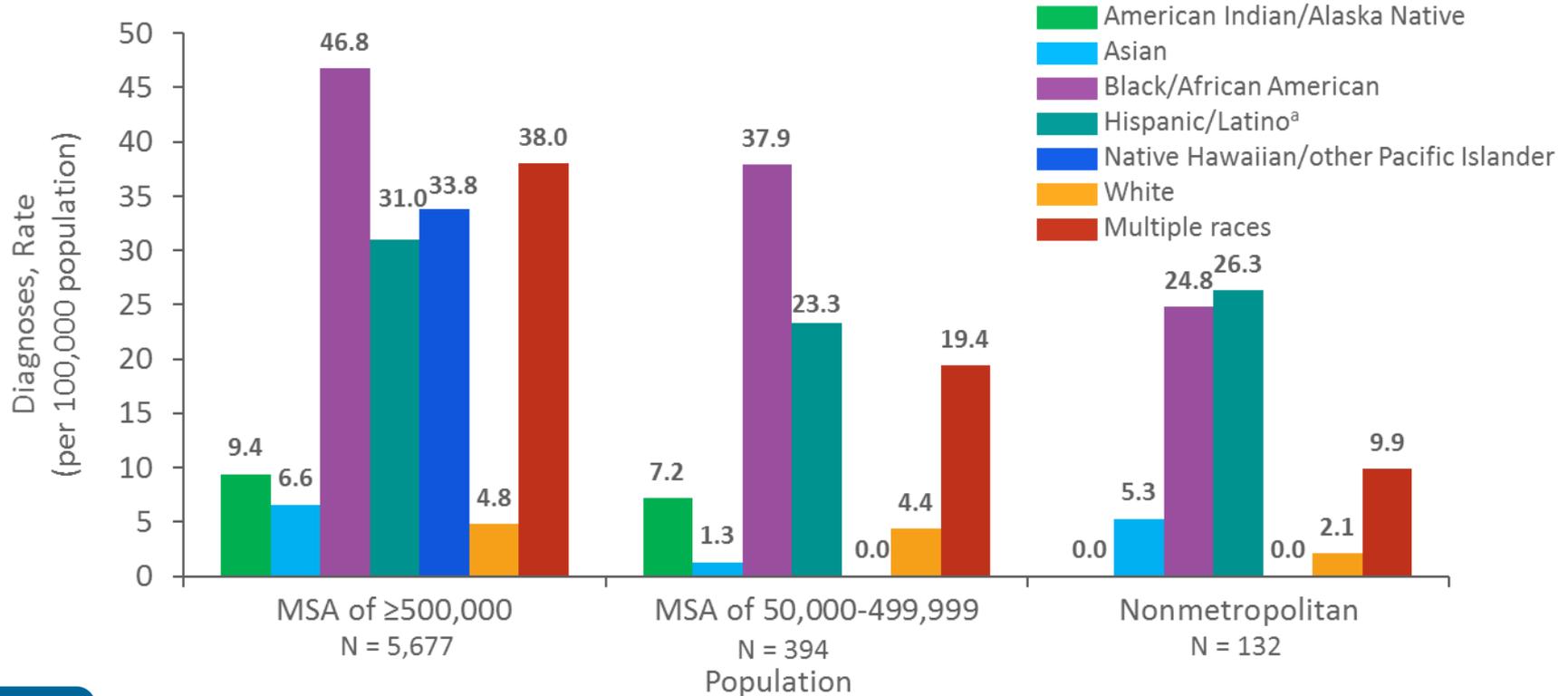


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

^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, 2016—Northeast Region, United States

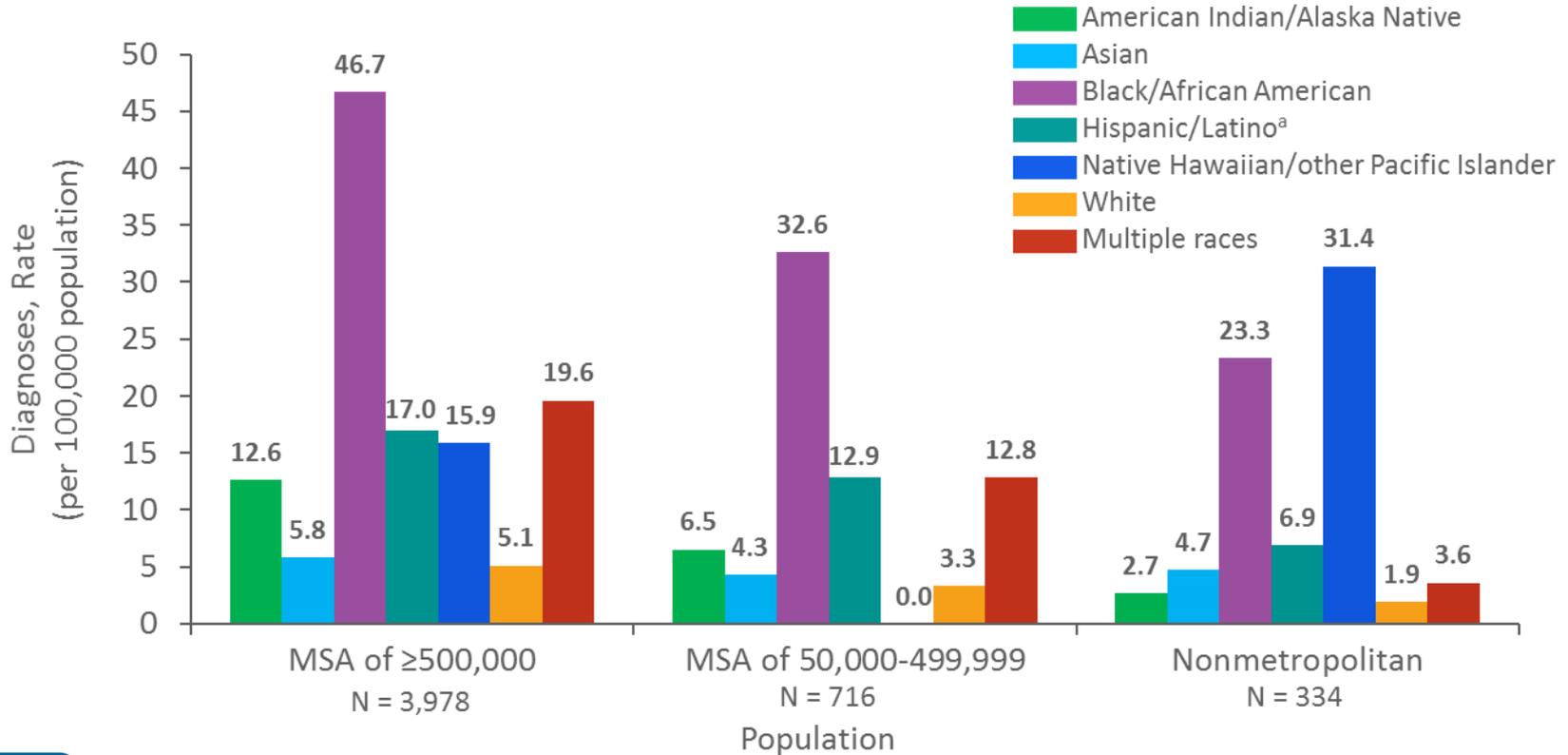


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2016—Midwest Region, United States

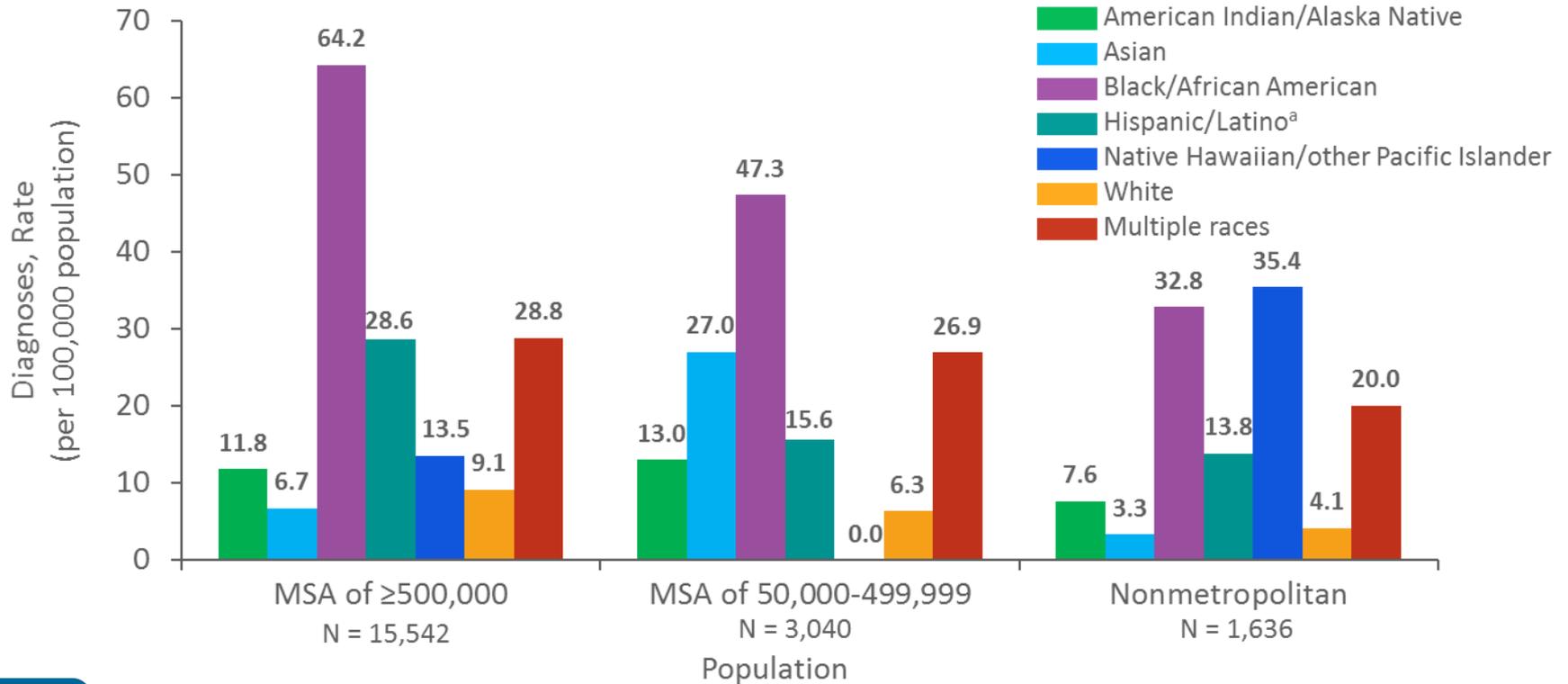


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2016—South Region, United States

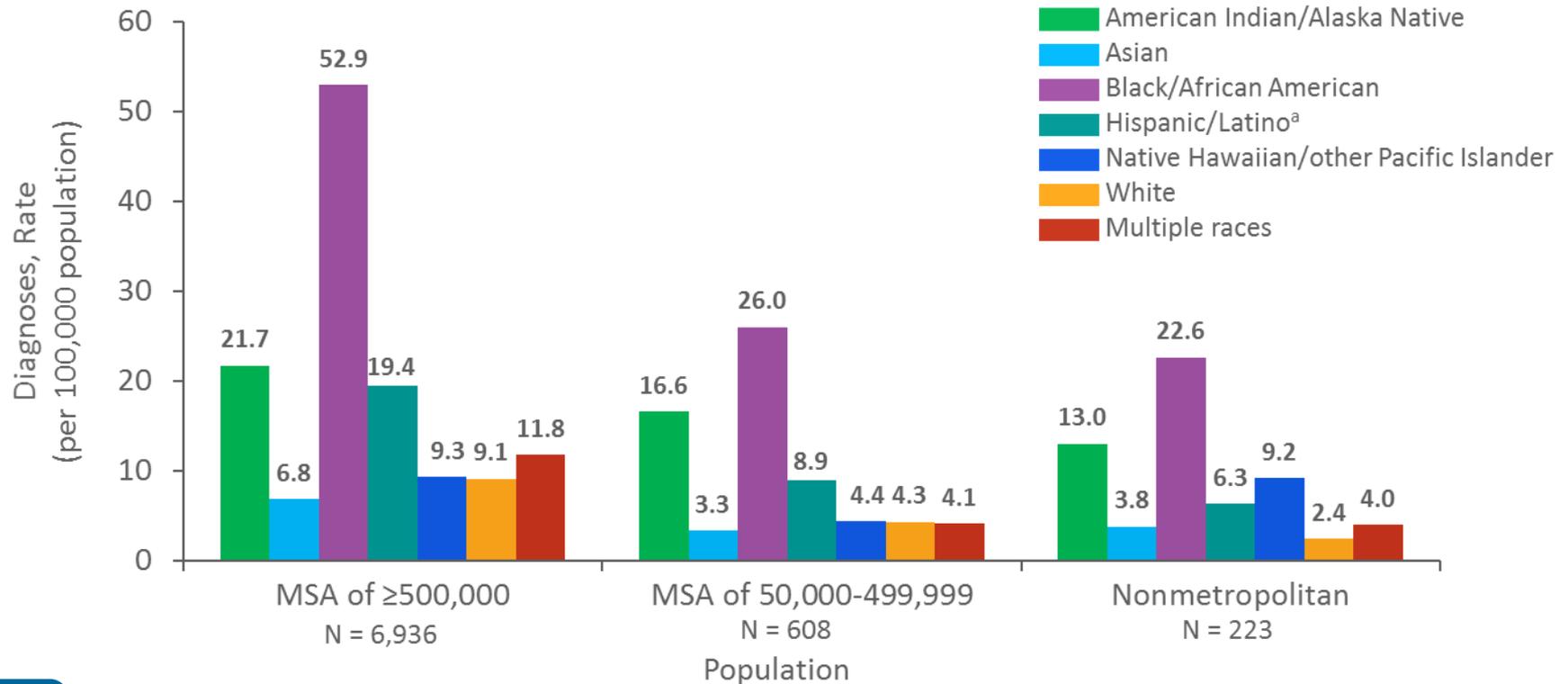


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2016—West Region, United States

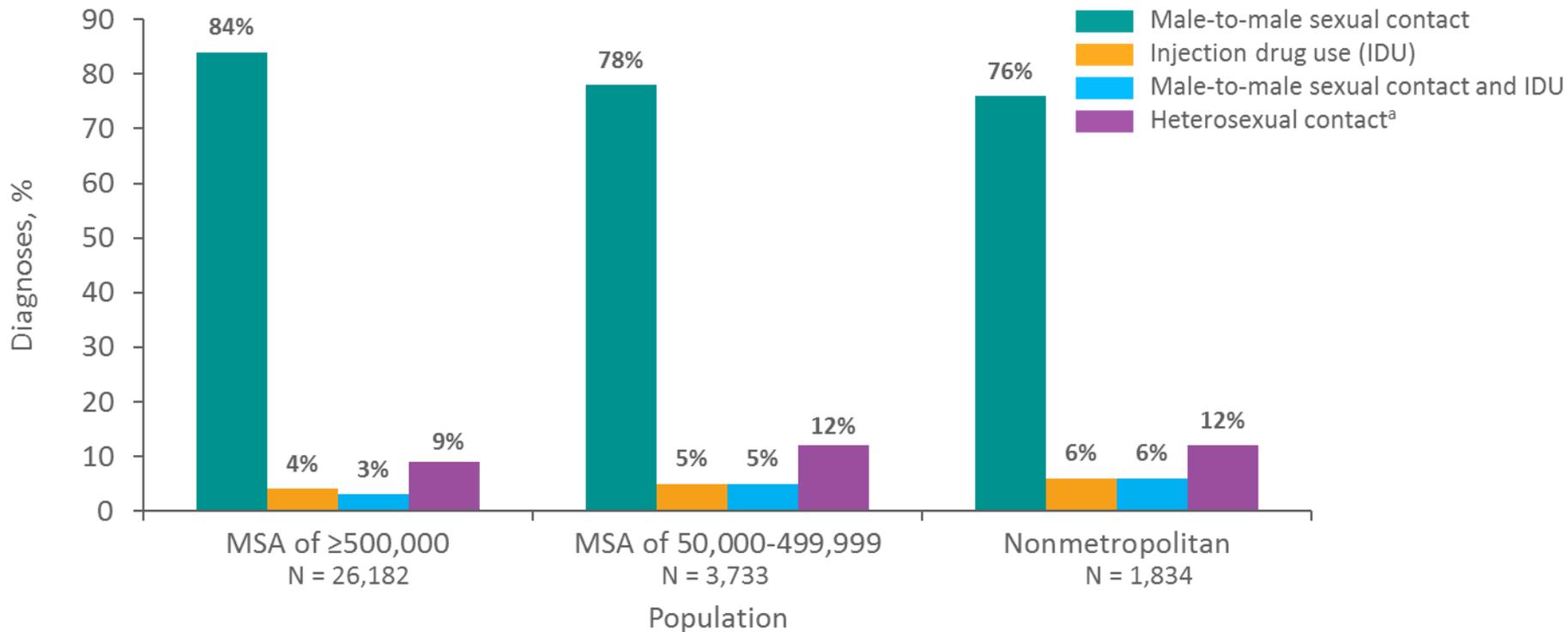


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.

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Percentages of Diagnoses of HIV Infection among Male Adults and Adolescents, by Population of Area of Residence and Transmission Category, 2016—United States

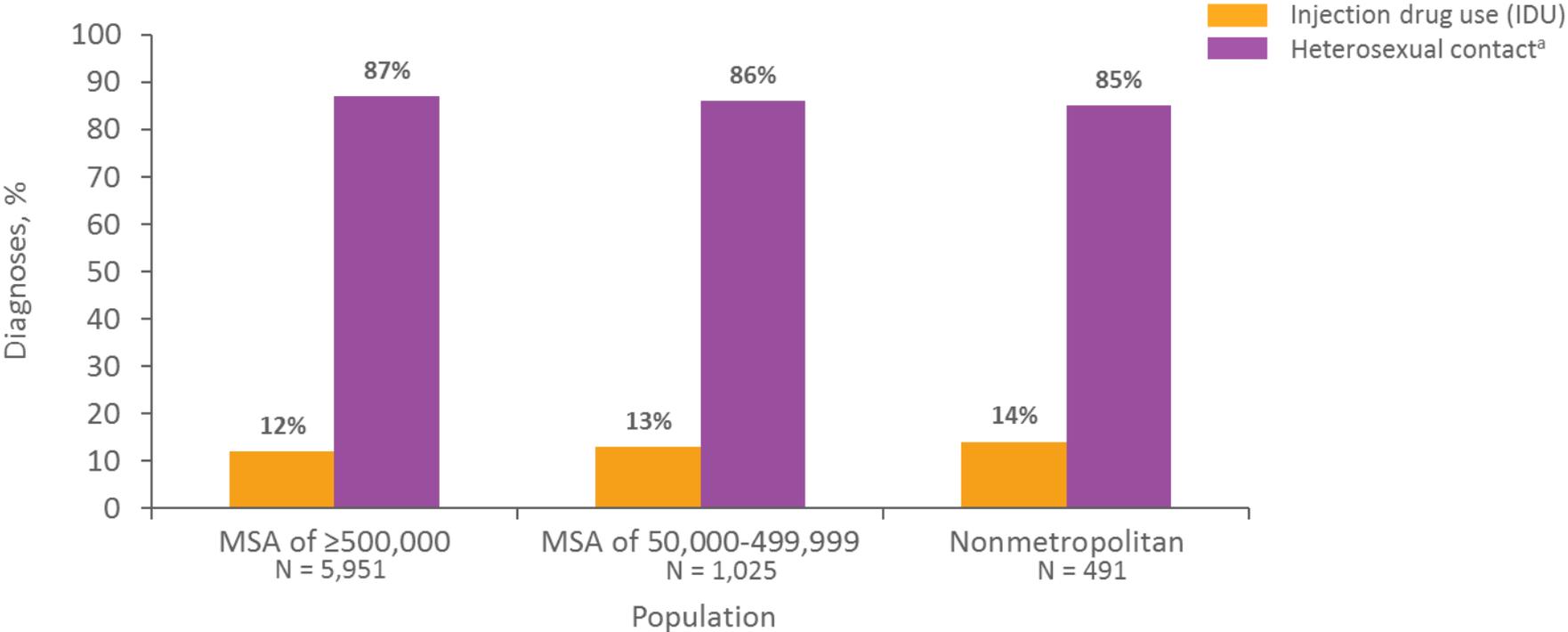


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Data have been statistically adjusted to account for missing transmission category. “Other” transmission category not displayed as it comprises less than 1% of 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, 2016—United States

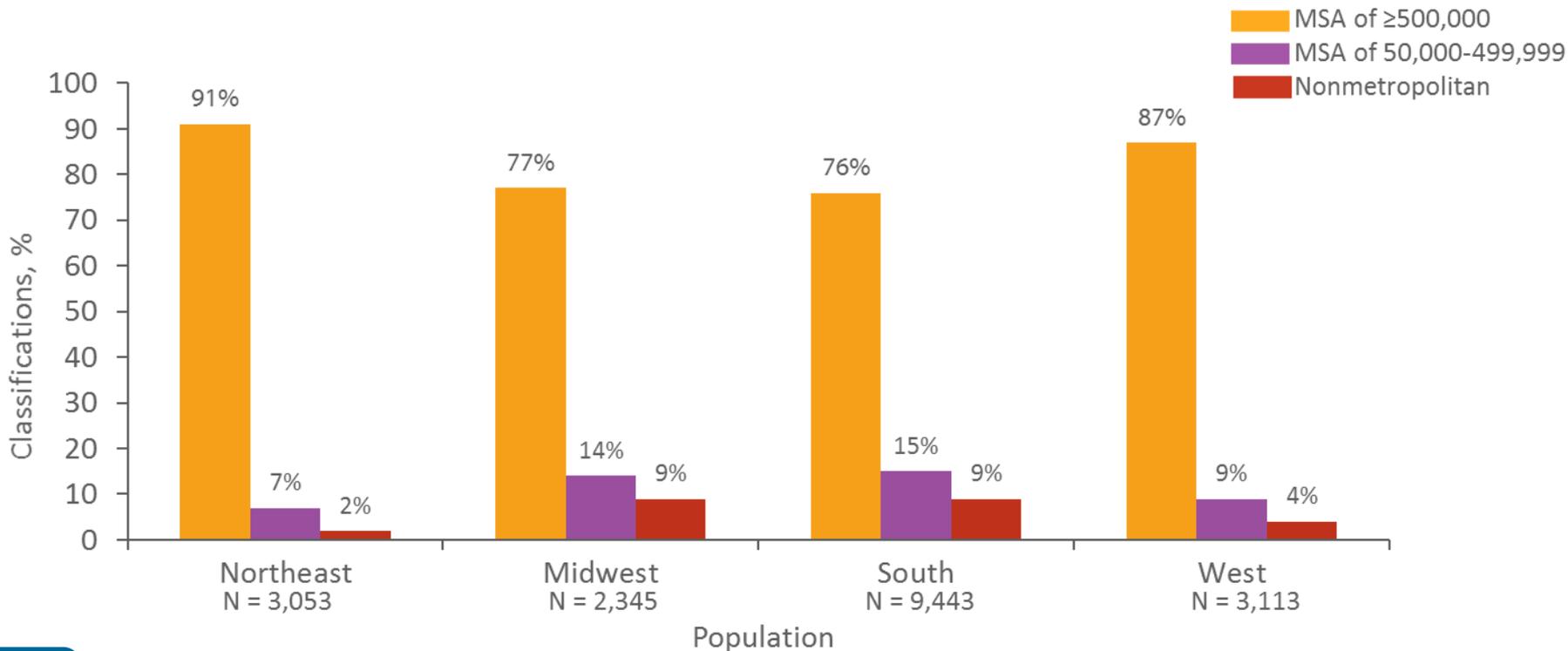


Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown. Data have been statistically adjusted to account for missing transmission category. “Other” transmission category not displayed as it comprises less than 1% of 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, 2016—United States



Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.



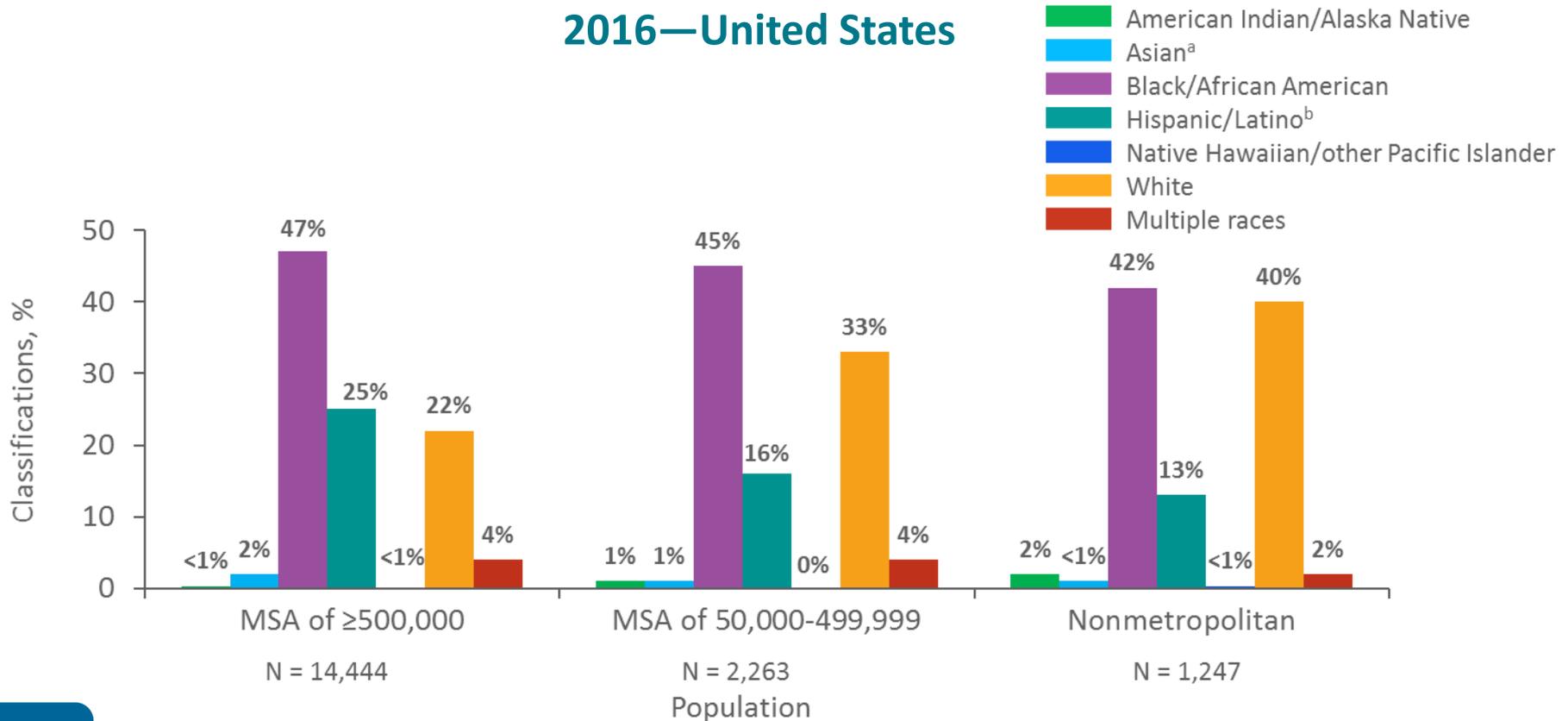
Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Region, 2016—United States

Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
Northeast N = 3,053	2,785	7.2	207	4.1	61	1.5
Midwest N = 2,345	1,815	5.7	332	2.7	198	1.6
South N = 9,443	7,130	11.0	1,437	6.9	876	5.3
West N = 3,113	2,714	5.6	287	2.8	112	2.0

Note. Data for the year 2016 are 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, 2016—United States



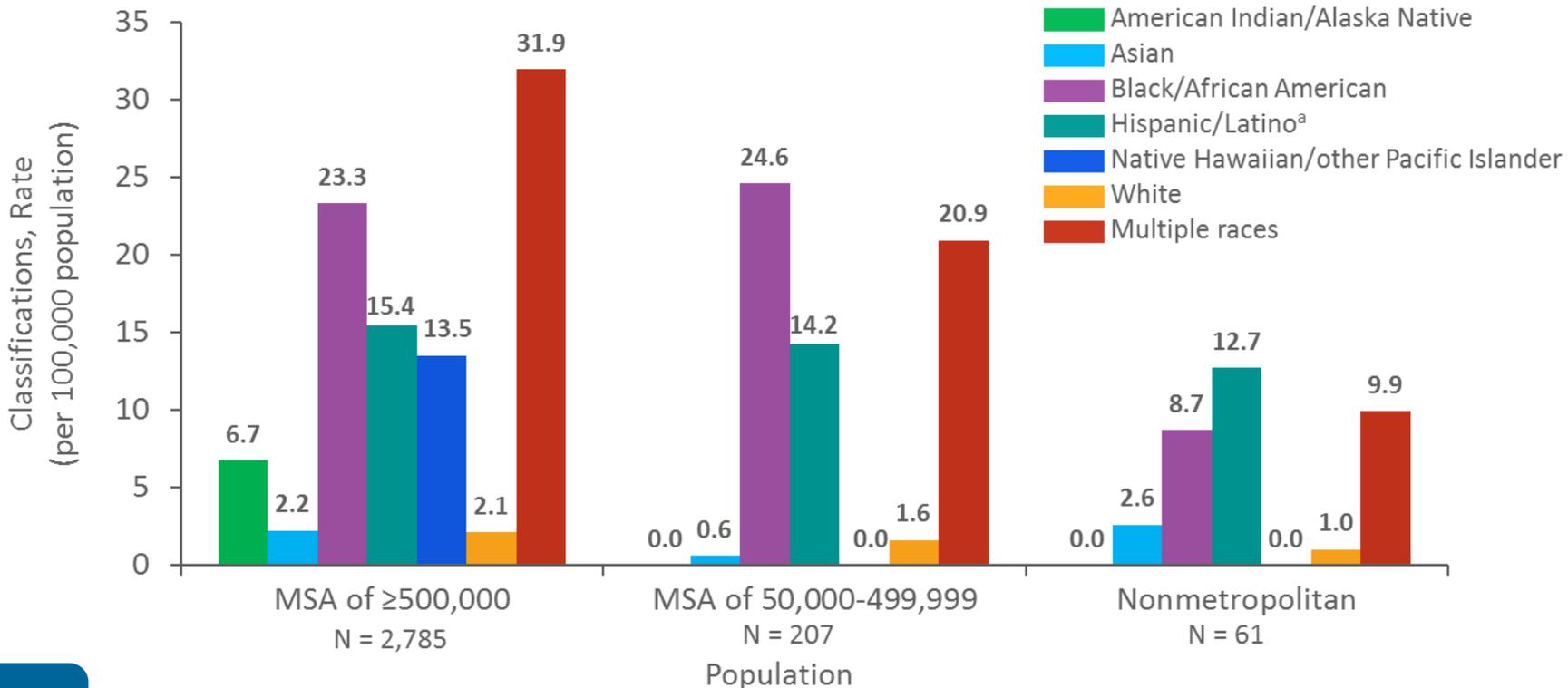
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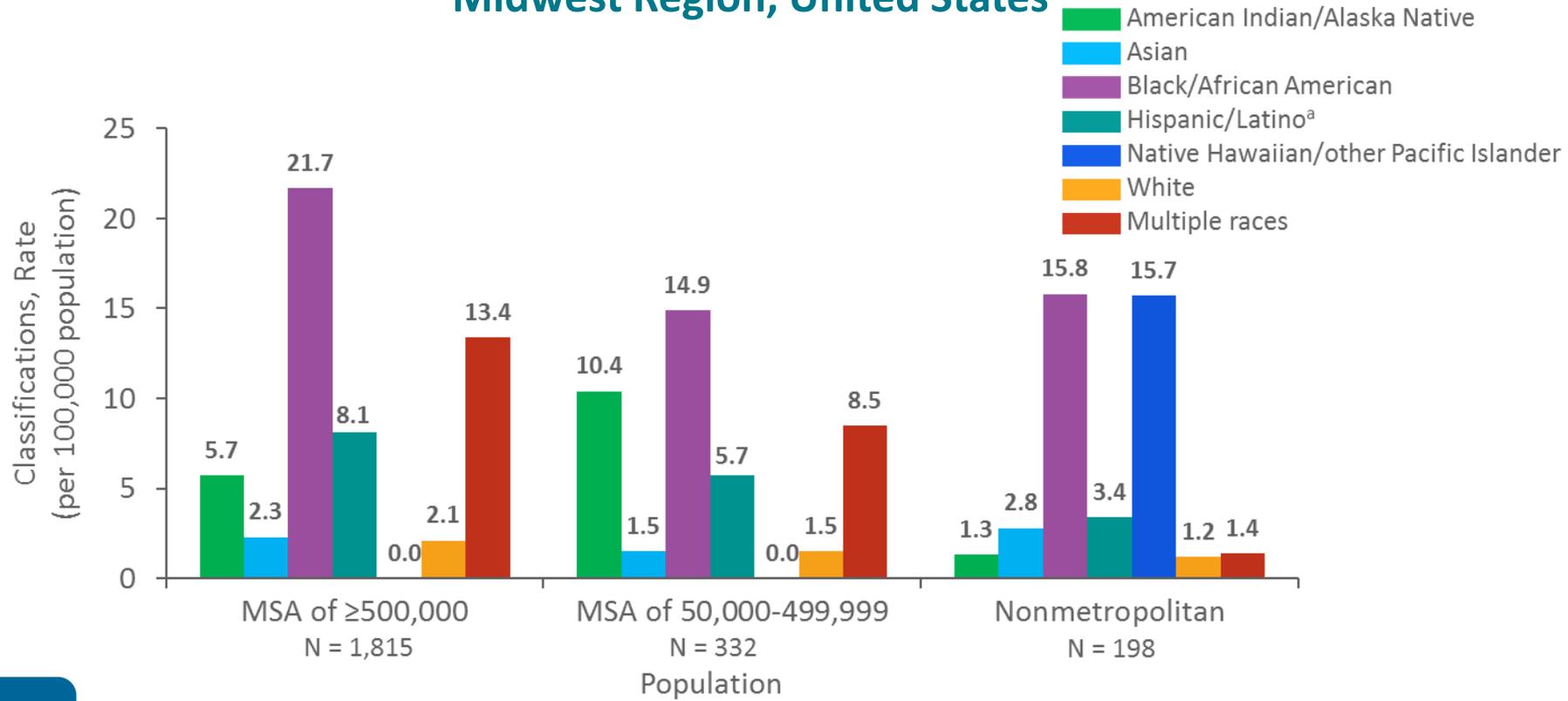
Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2016— Northeast Region, United States



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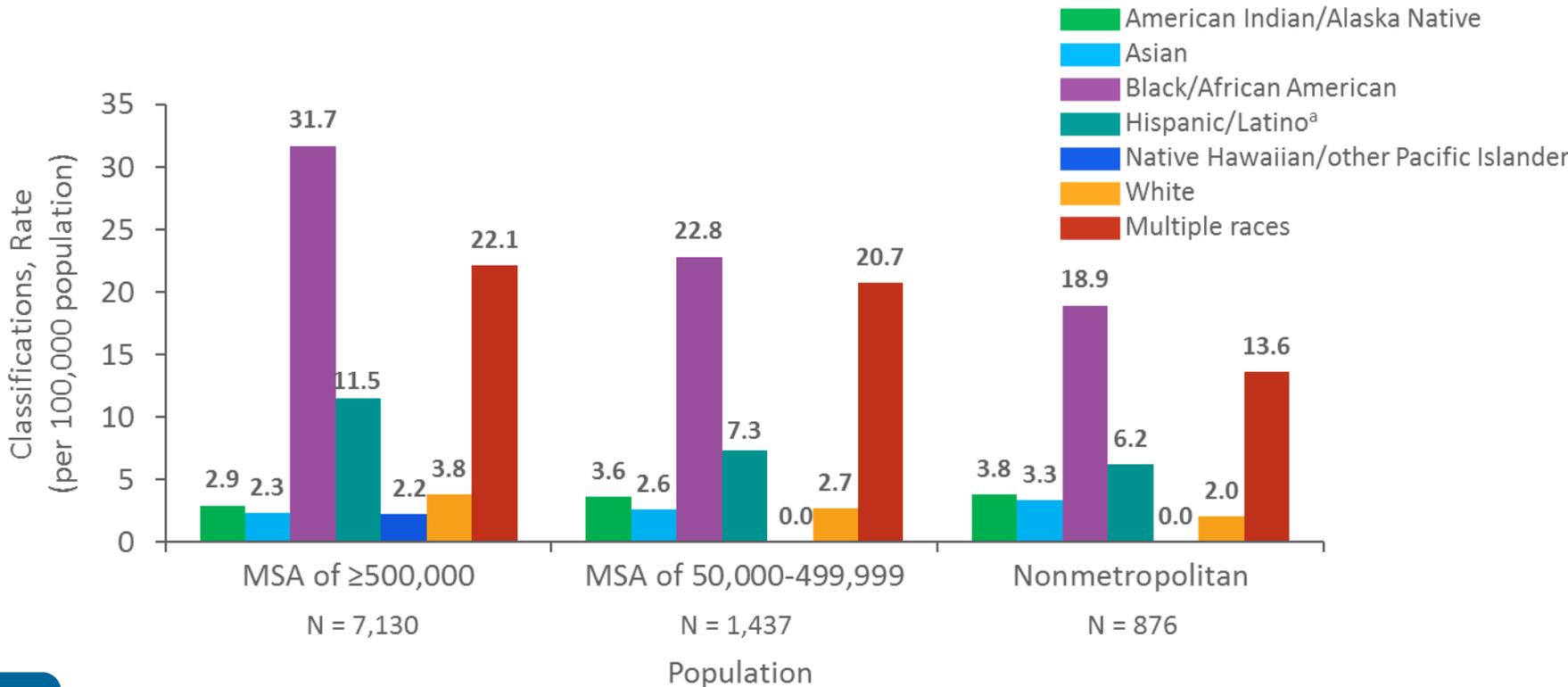
Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2016— Midwest Region, United States



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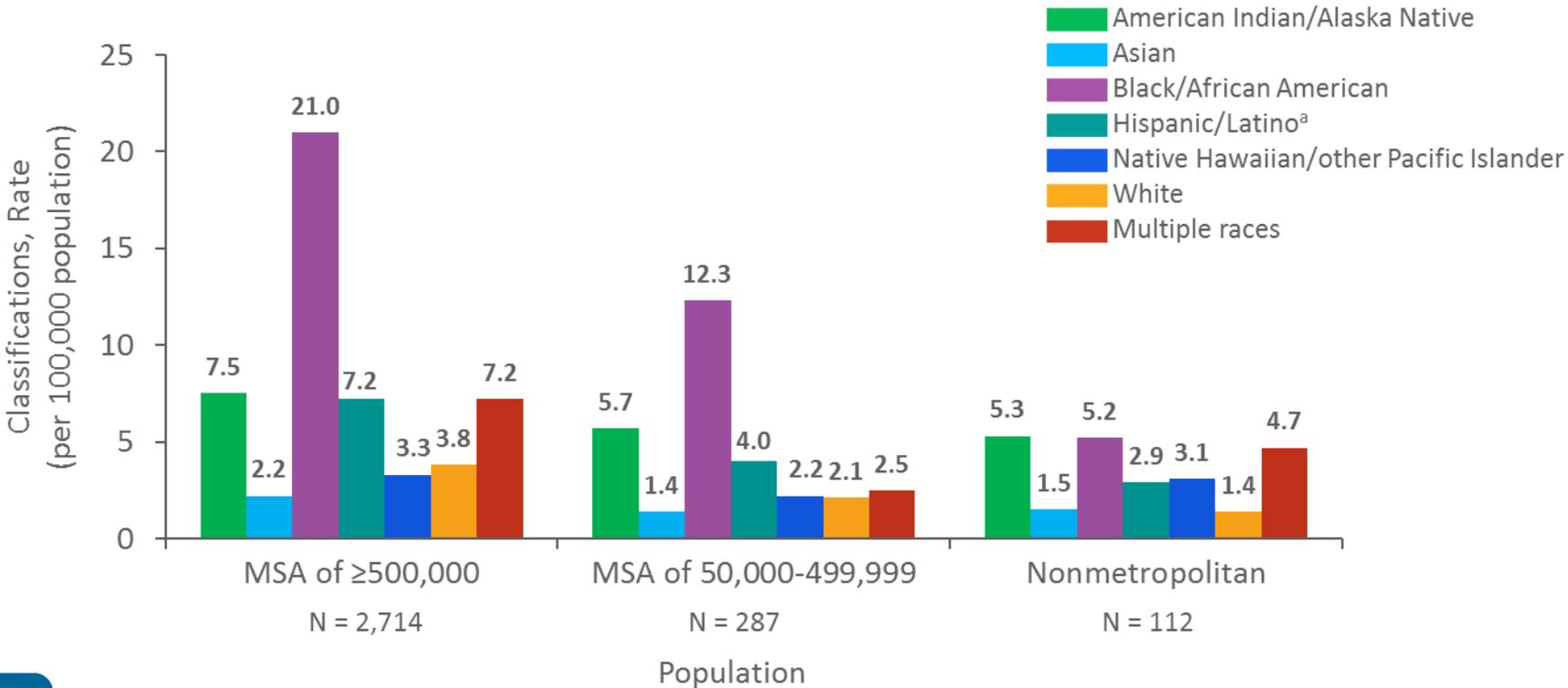
Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2016— South Region, United States



Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.
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Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with Diagnosed HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2016— West Region, United States



Note. Data for the year 2016 are preliminary and based on 6 months reporting delay. Data exclude persons whose county of residence is unknown.
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