

# HIV Surveillance in Urban and Nonurban Areas through 2013

National Center for HIV/AIDS, Viral Hepatitis, STD & TB Prevention  
Division of HIV/AIDS Prevention



# 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)

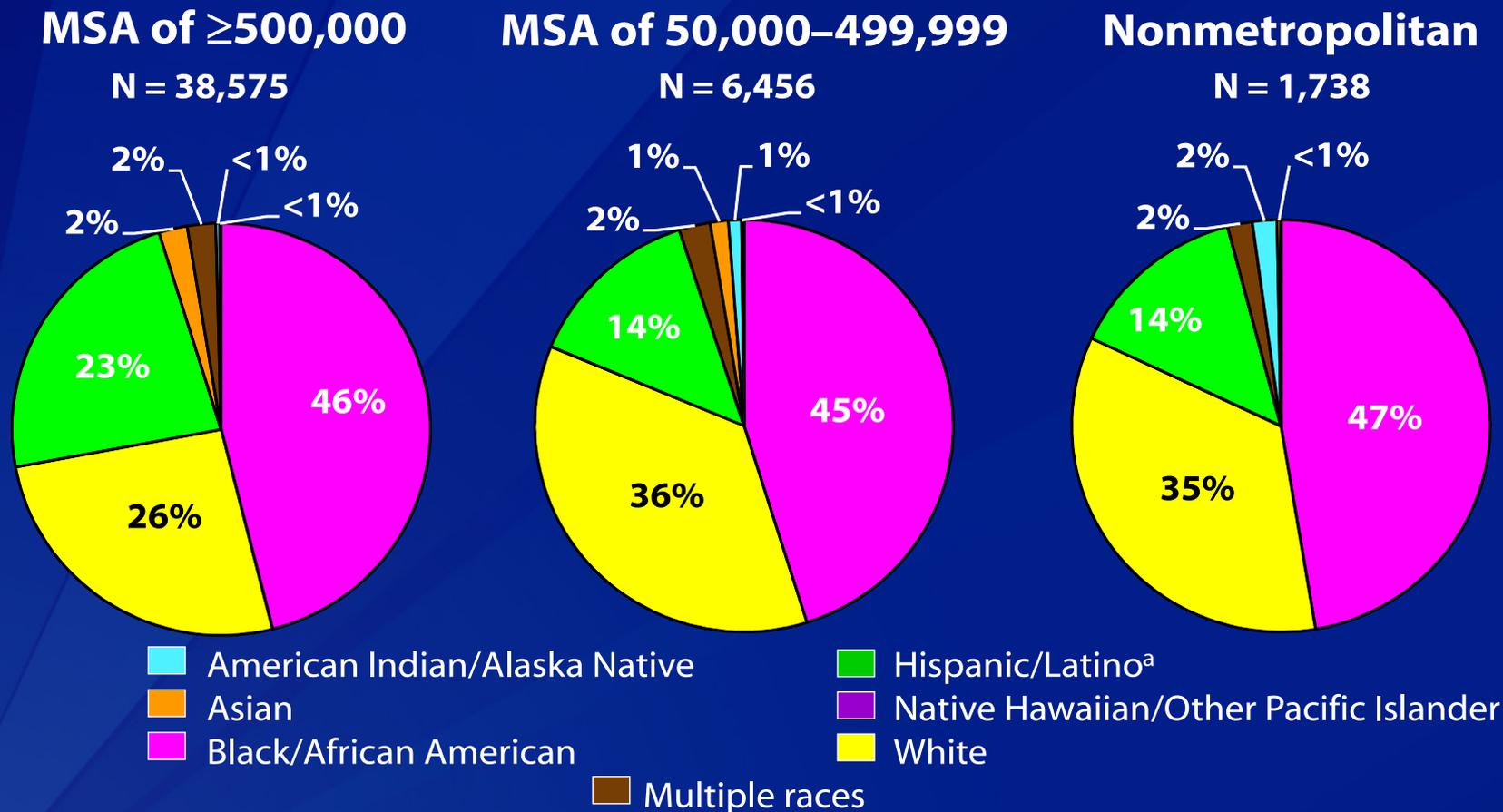
# Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence 2013—United States

MSA Population	No.	Rate
≥ 500,000	38,575	22.0
50,000 – 499,999	6,456	10.3
Nonmetropolitan	1,738	6.9
<b>Total</b>	<b>46,769</b>	<b>17.8</b>

*Note.* Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.



# Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2013—United States

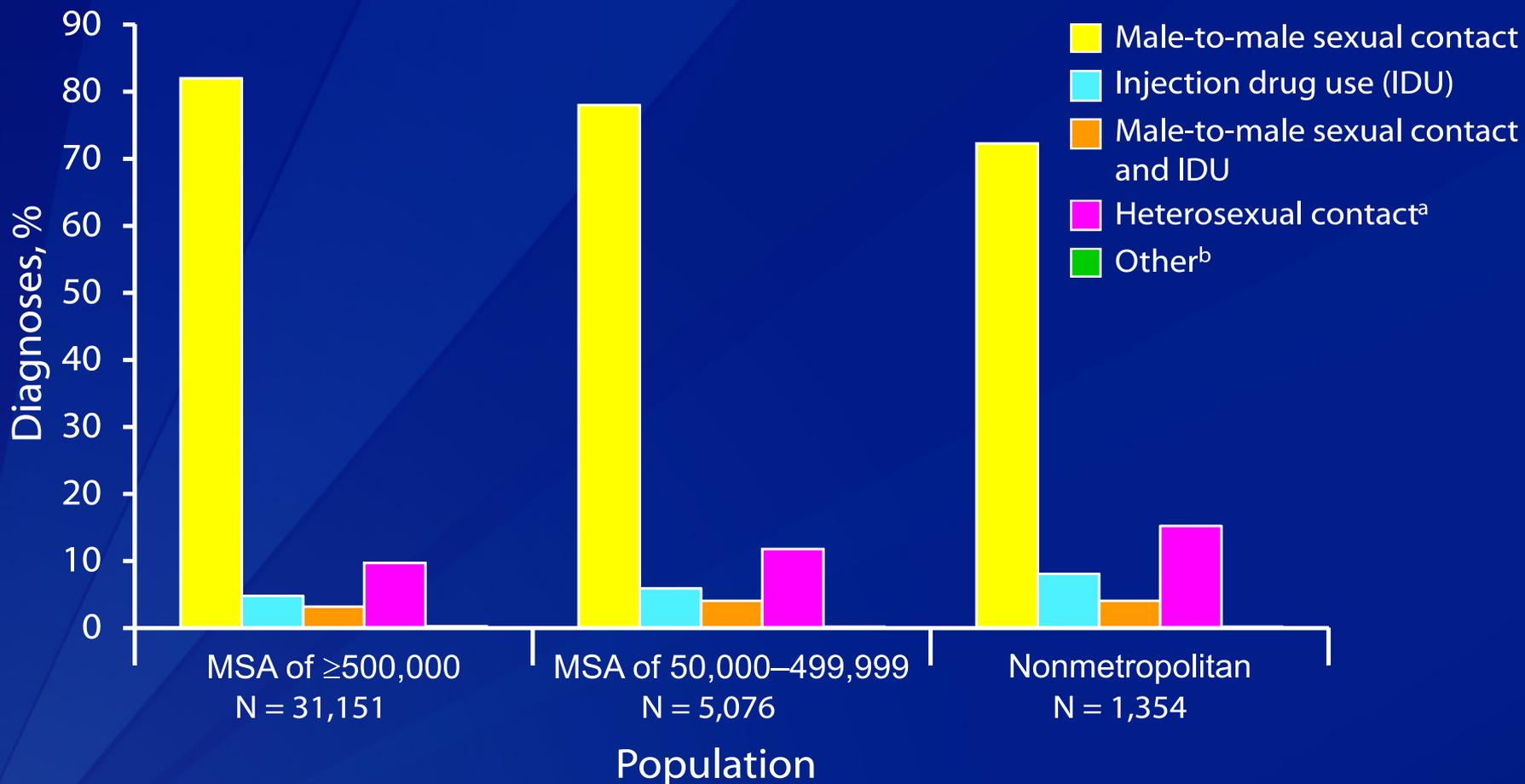


Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Data do not include persons whose county of residence is unknown.

<sup>a</sup>Hispanics/Latinos can be of any race.



# Diagnoses of HIV Infection among Adult and Adolescent Males, by Population of Area of Residence and Transmission Category, 2013—United States



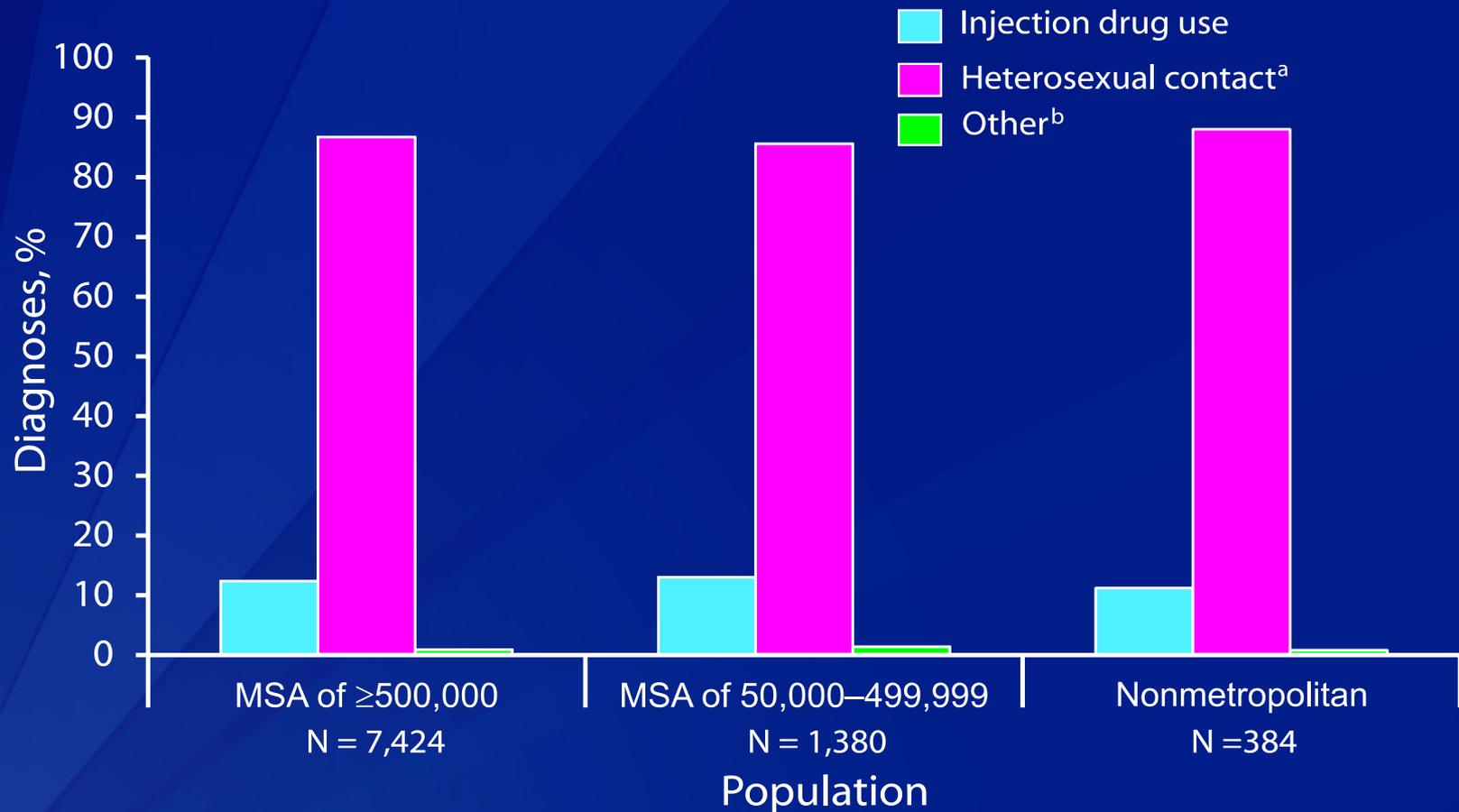
Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays and missing transmission category, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

<sup>b</sup> Includes hemophilia, blood transfusion, perinatal exposure, and risk factor not reported or not identified.



# Diagnoses of HIV Infection among Adult and Adolescent Females, by Population of Area of Residence and Transmission Category, 2013—United States



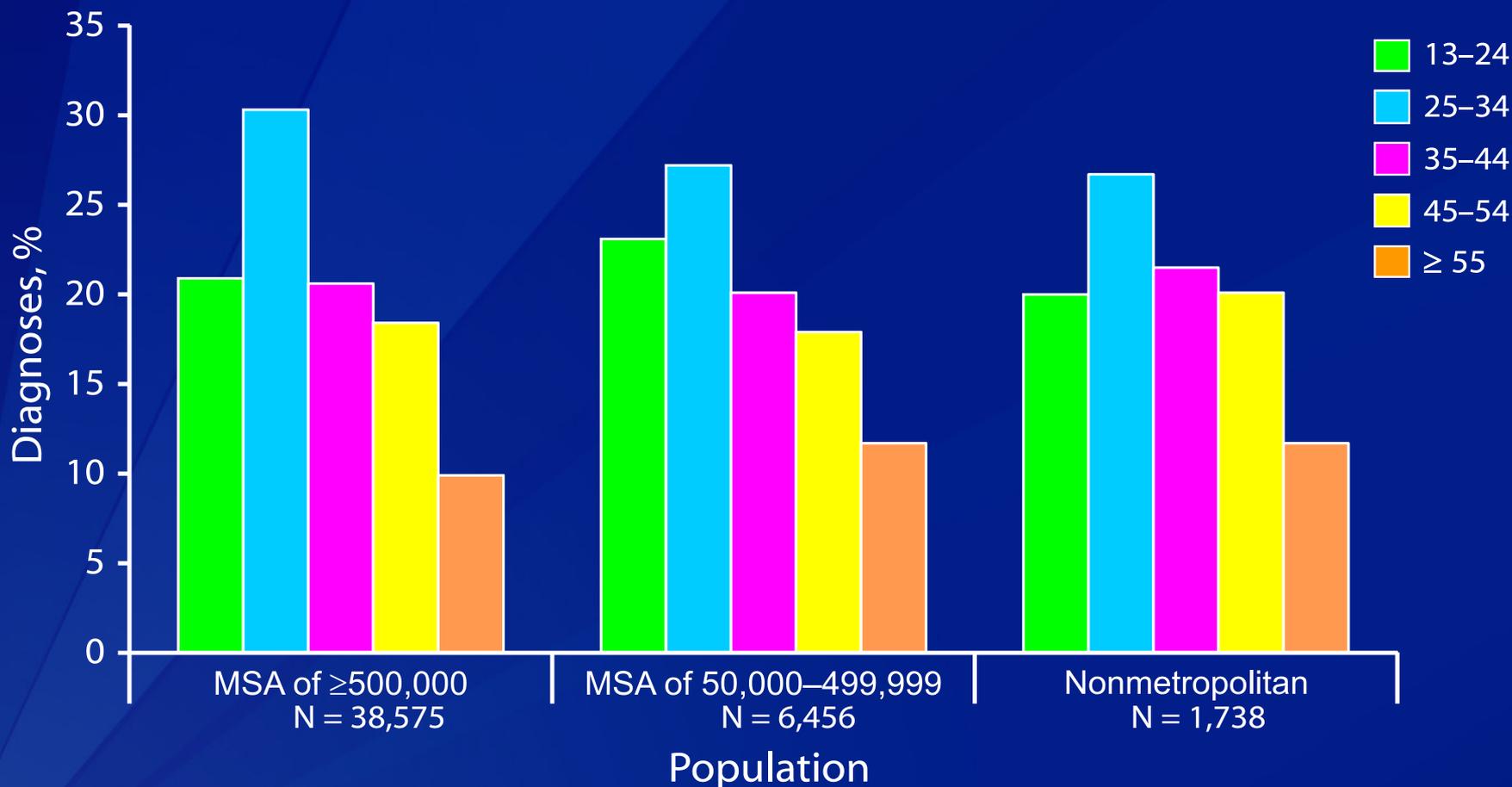
*Note.* Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays and missing transmission category, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Heterosexual contact with a person known to have, or to be at high risk for, HIV infection.

<sup>b</sup> Includes blood transfusion, perinatal exposure, and risk factor not reported or not identified.



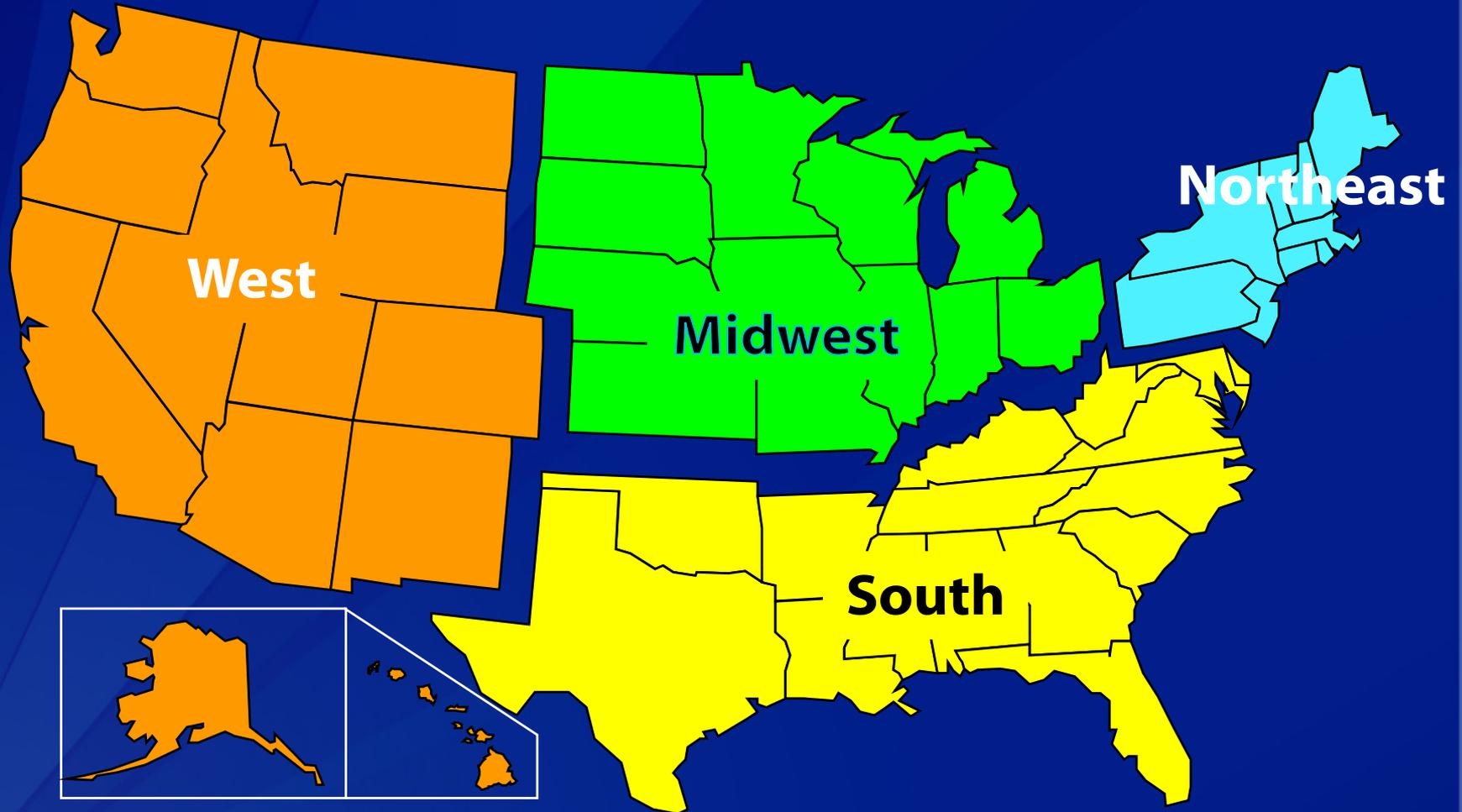
# Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Age at Diagnosis, 2013—United States



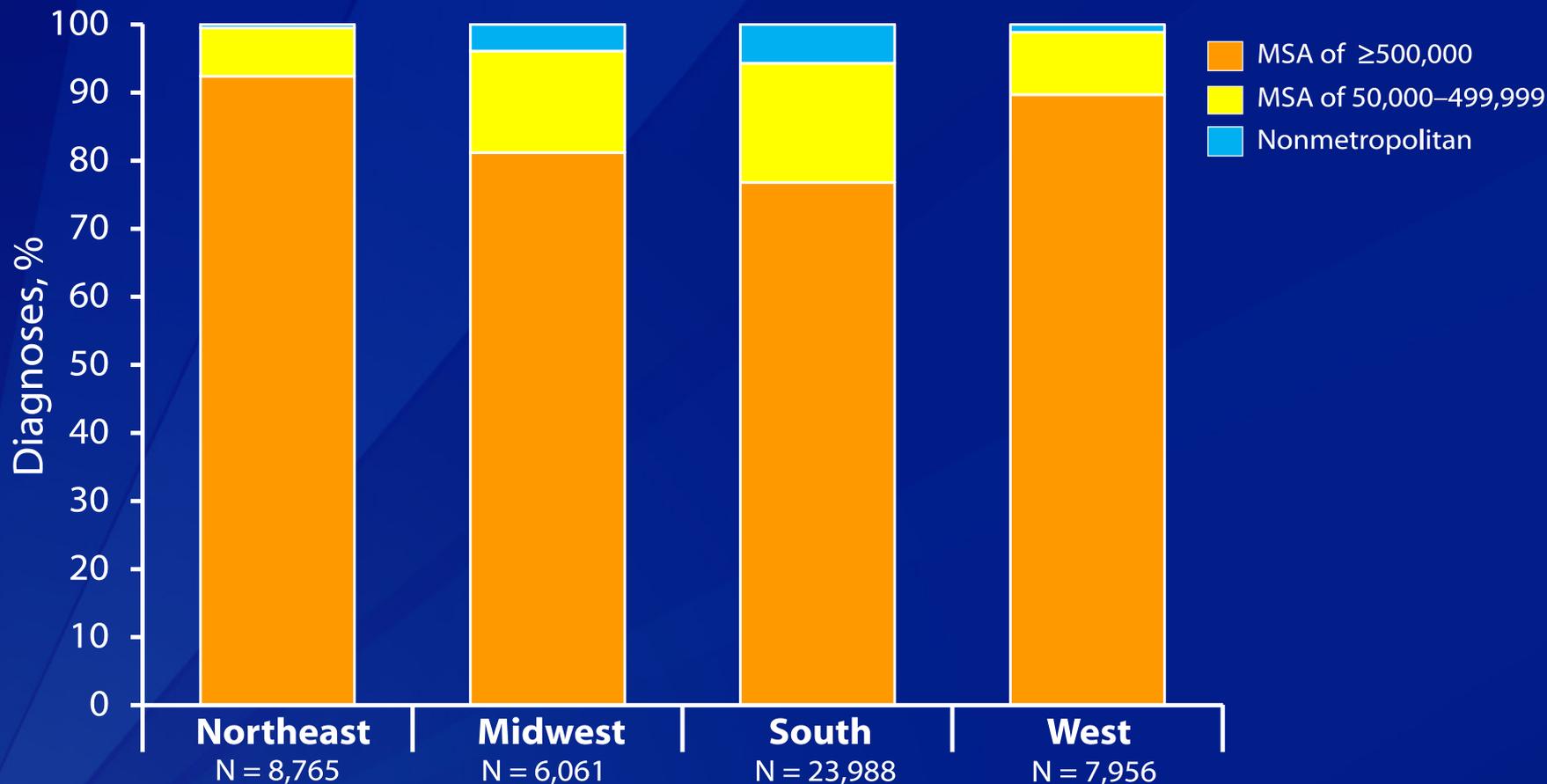
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# Regions of the United States



# Diagnoses of HIV Infection among Adults and Adolescents, by Region and Population of Area of Residence, 2013—United States



*Note.* Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.

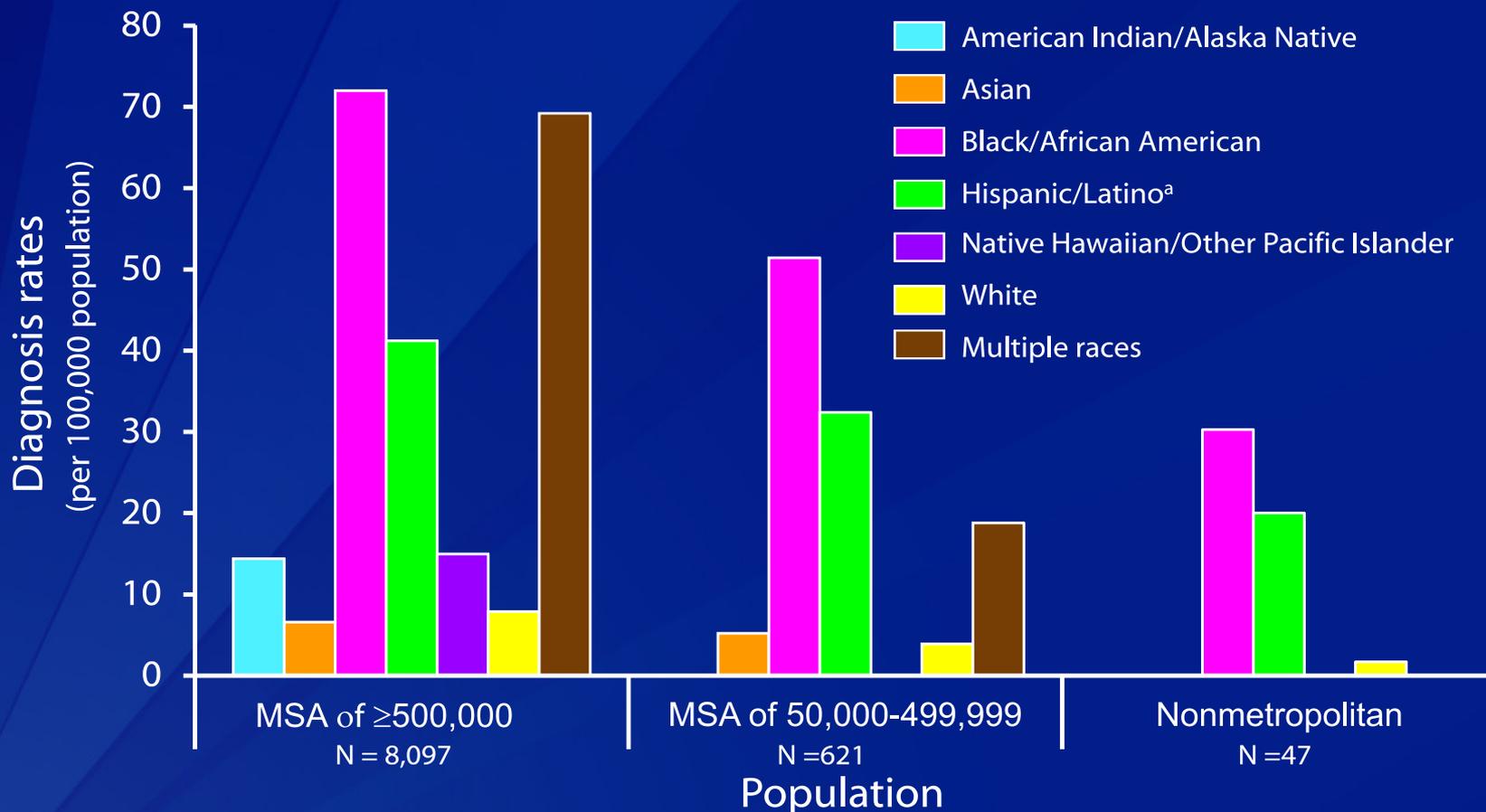
# Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Region, 2013—United States

Region of residence	MSA of ≥500,000		MSA of 50,000-499,999		Non- metropolitan	
	No.	Rate	No.	Rate	No.	Rate
<b>Northeast</b> N = 8,765	8,097	21.5	621	7.8	47	2.7
<b>Midwest</b> N = 6,061	4,919	15.6	906	5.8	236	2.6
<b>South</b> N = 23,988	18,424	30.4	4,197	16.0	1,367	12.0
<b>West</b> N = 7,965	7,134	15.7	733	5.8	88	2.8

*Note.* Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.



# Rates of Diagnoses of HIV Infection among Adults and Adolescents, by Population of Area of Residence and Race/Ethnicity, 2013—Northeast Region, United States

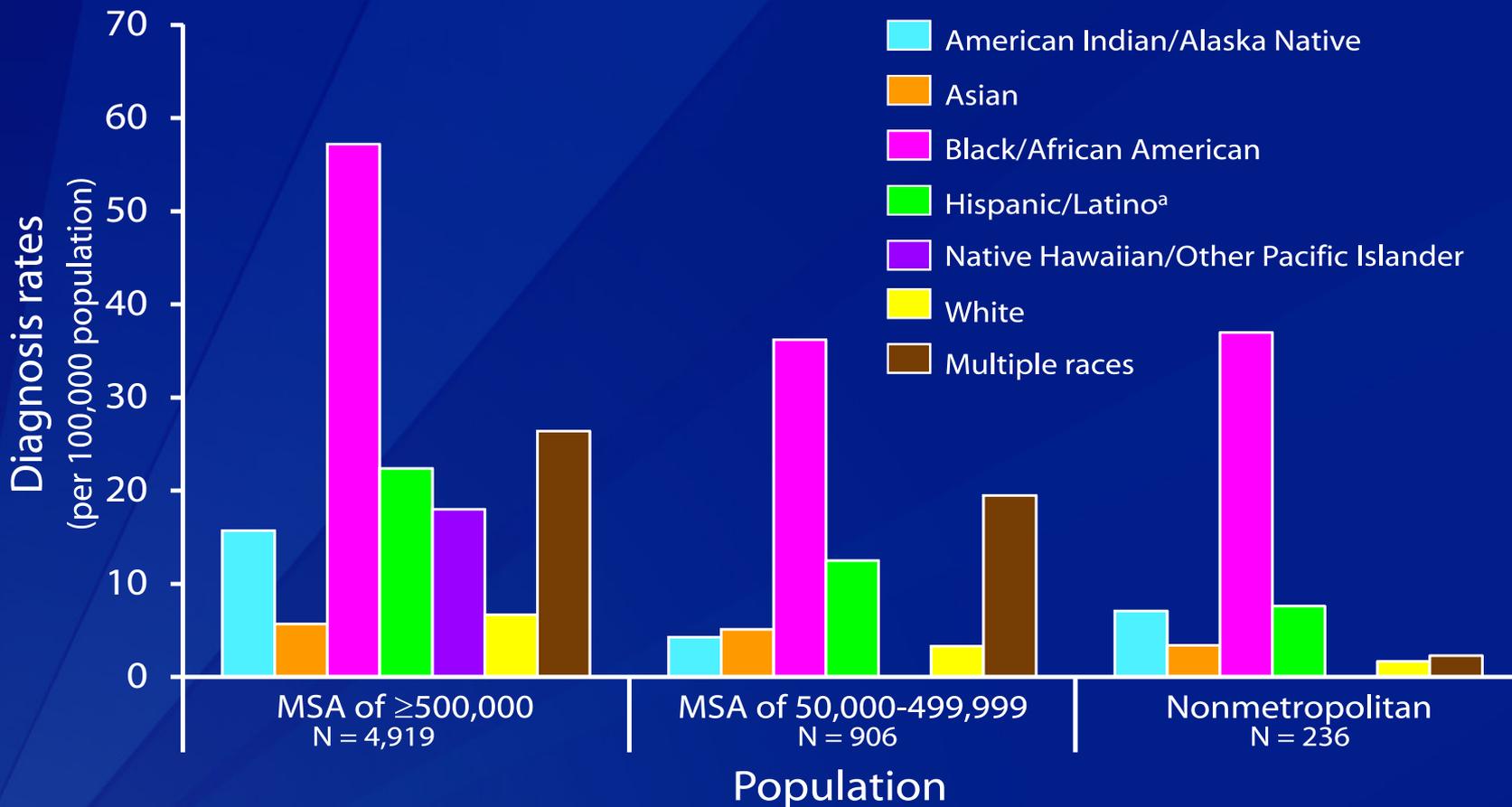


Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

<sup>a</sup> 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, 2013—Midwest Region, United States

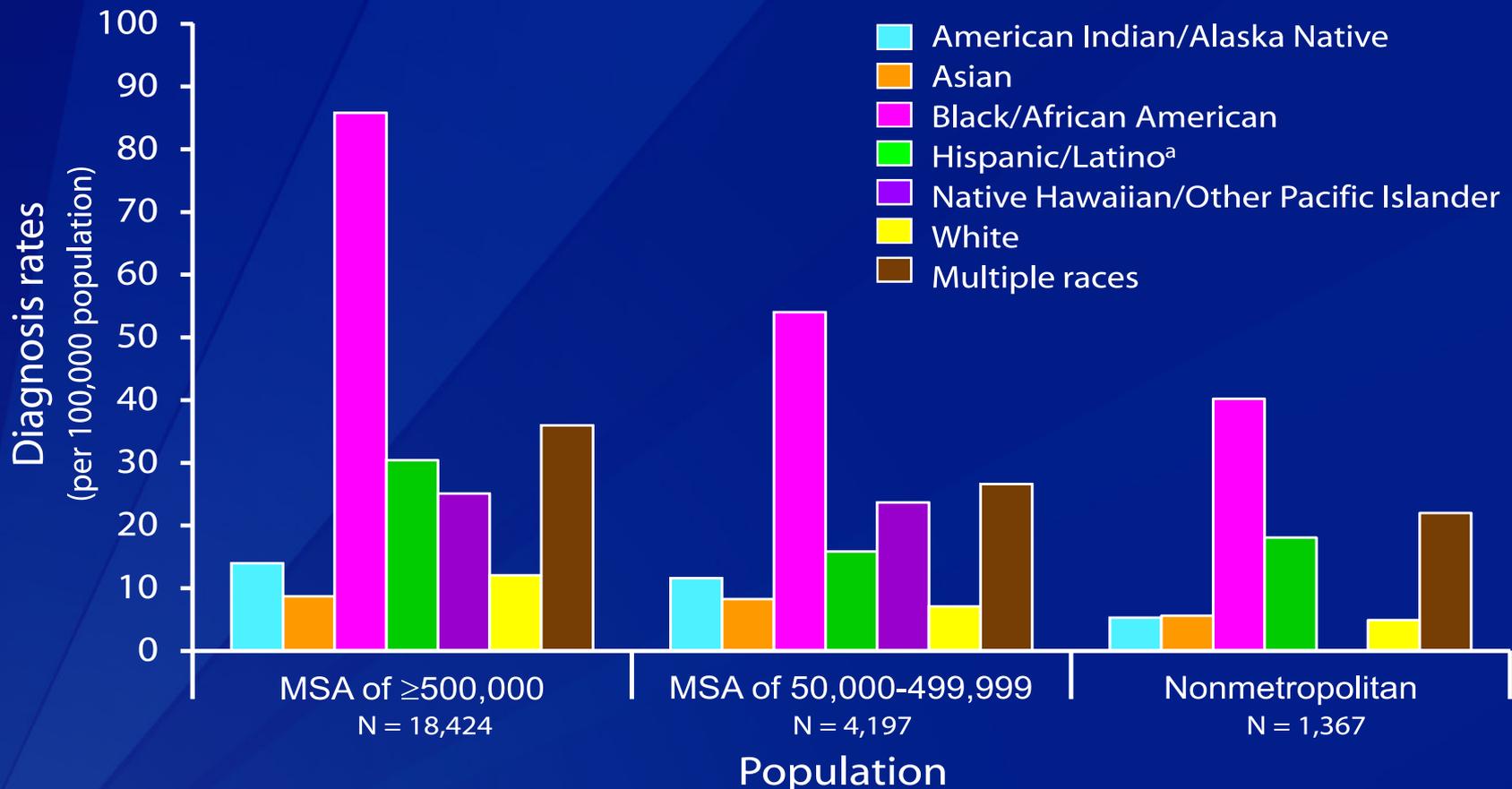


Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence 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, 2013—South Region, United States

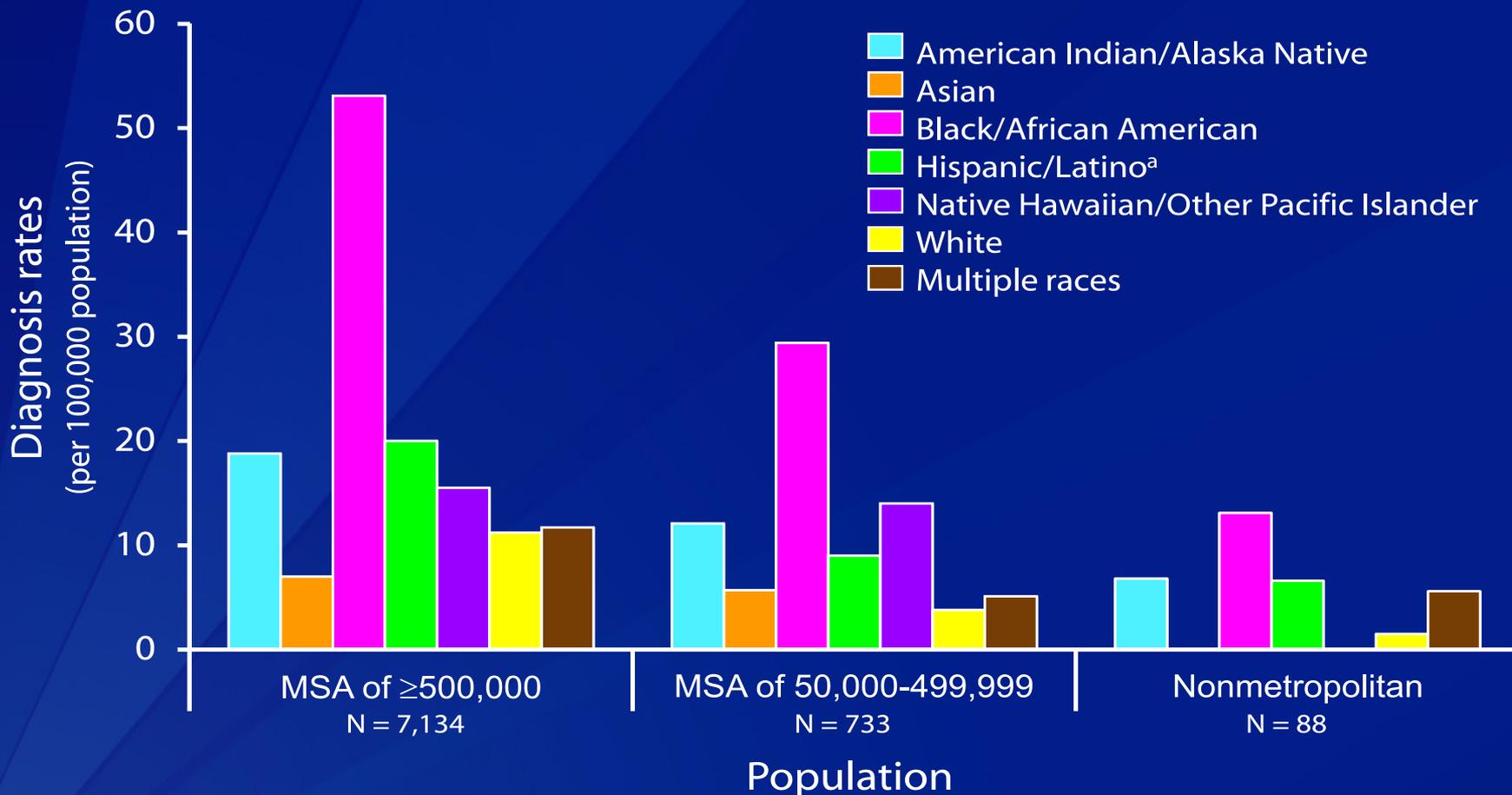


Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

<sup>a</sup> 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, 2013—West Region, United States



Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

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# Adults and Adolescents Living with Diagnosed HIV Infection by Population of Area of Residence and Race/Ethnicity Year-end 2012—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	1,711	240.8	753	119.2	371	72.7
Asian <sup>a</sup>	9,969	85.4	848	62.5	76	45.1
Black/African American	323,724	1,369.8	48,342	841.2	14,622	702.1
Hispanic/Latino <sup>b</sup>	164,043	514.7	15,135	240.6	3,410	190.8
Native Hawaiian/Other Pacific Islander	701	228.6	152	154.5	3	24.2
White	234,889	228.8	46,146	97.8	10,759	52.6
Multiple races	24,154	915.6	3,882	431.6	911	323.9
<b>Total<sup>c</sup></b>	<b>759,191</b>	<b>437.6</b>	<b>115,258</b>	<b>185.3</b>	<b>30,153</b>	<b>119.2</b>

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<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

<sup>b</sup> Hispanics/Latinos can be of any race.

<sup>c</sup> Includes persons of unknown race/ethnicity.



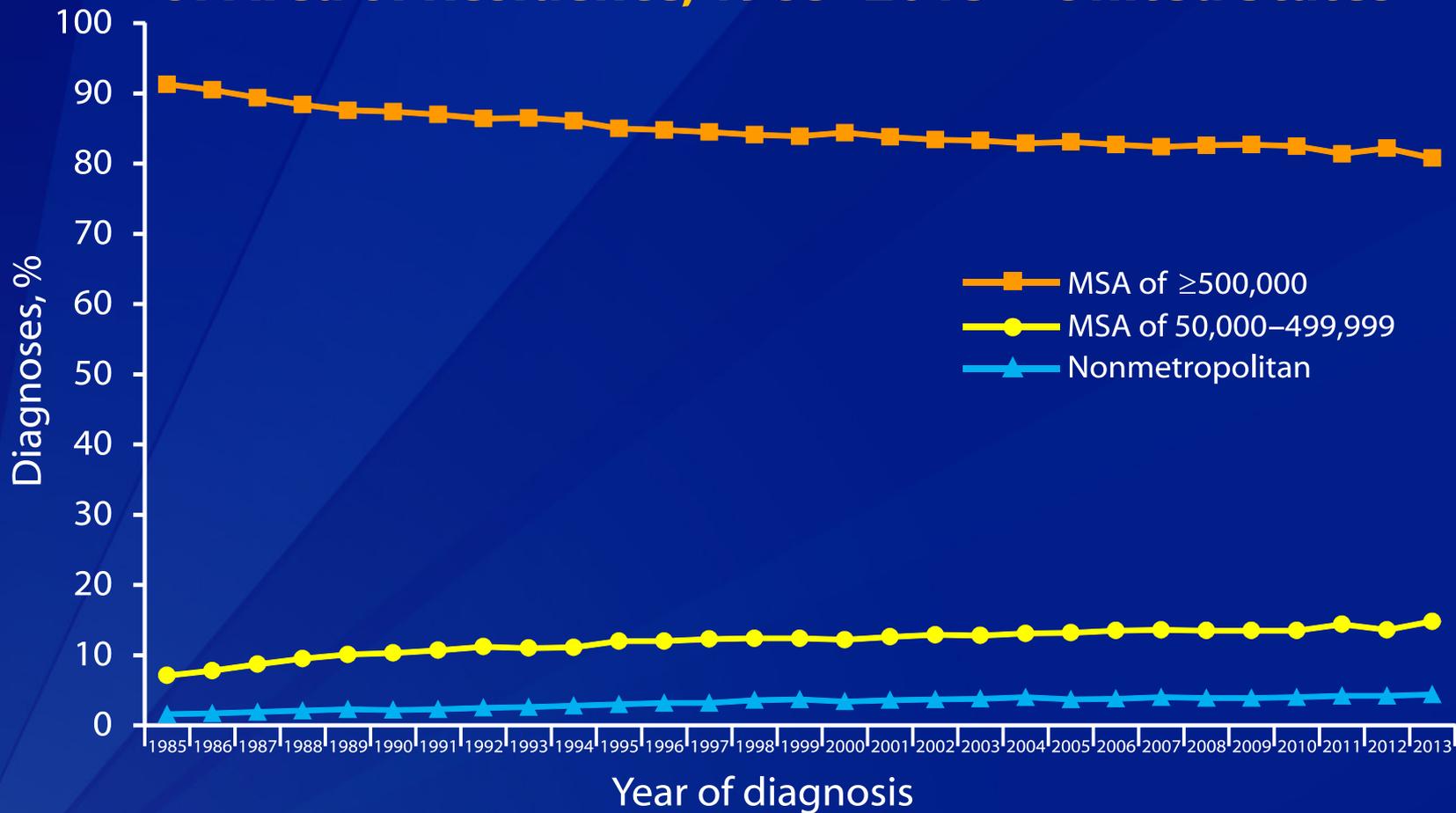
# Adults and Adolescents Living with Diagnosed HIV Infection, by Population of Area of Residence and Region, Year-end 2012—United States

Region of residence	MSA of $\geq 500,000$		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
<b>Northeast</b> N = 230,414	211,419	563.7	16,858	210.9	2,138	124.3
<b>Midwest</b> N = 107,716	86,538	276.2	16,273	104.2	4,905	54.2
<b>South</b> N = 392,177	305,217	510.7	65,925	253.7	21,035	184.8
<b>West</b> N = 174,294	156,018	347.4	16,201	128.4	2,075	65.9

Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.



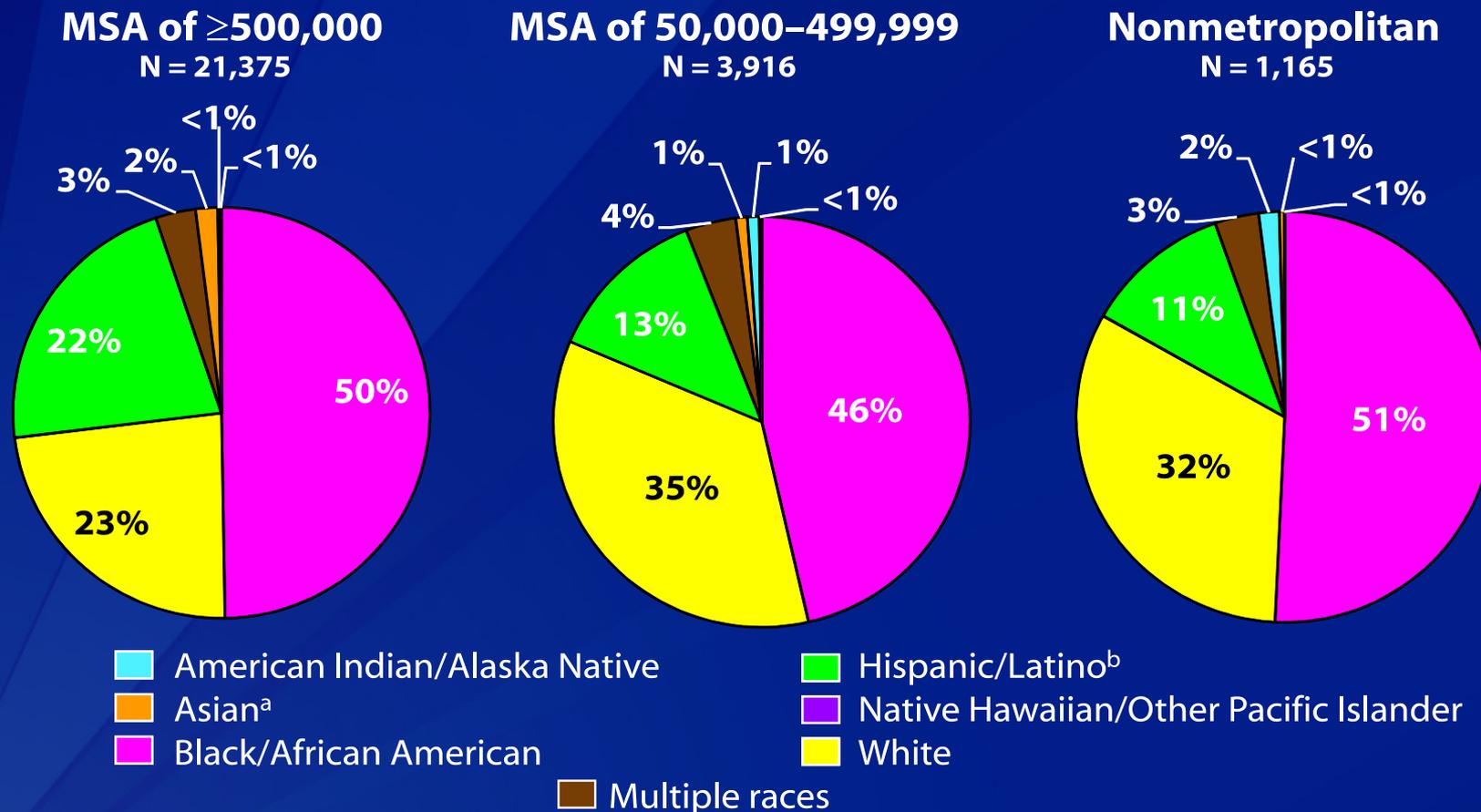
# Percentages of Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence, 1985–2013—United States



Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.



# Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Race/Ethnicity, 2013—United States

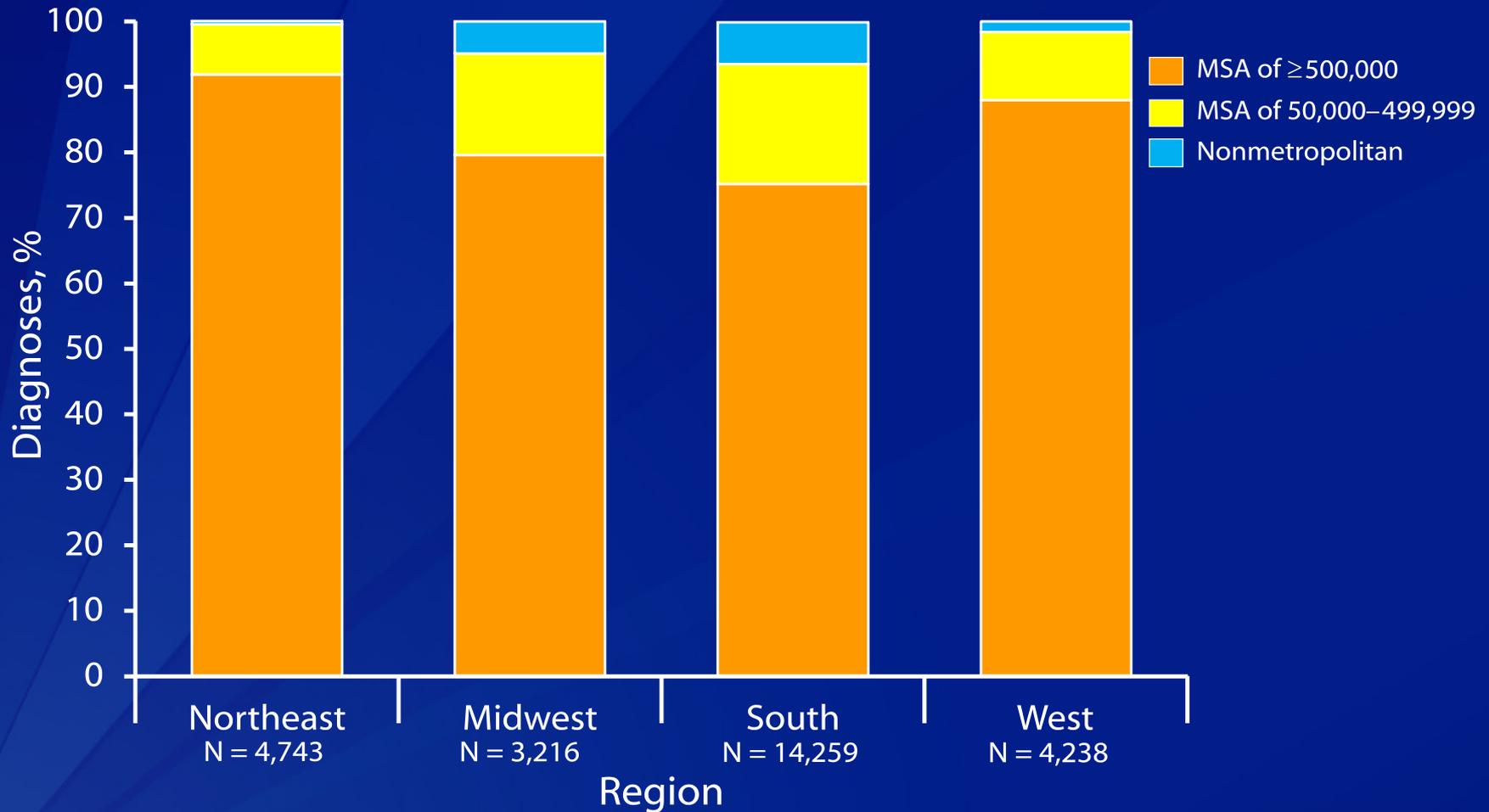


Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

<sup>b</sup> Hispanics/Latinos can be of any race.

# Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Region and Population of Area of Residence, 2013—United States



Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Data exclude persons whose county of residence is unknown.

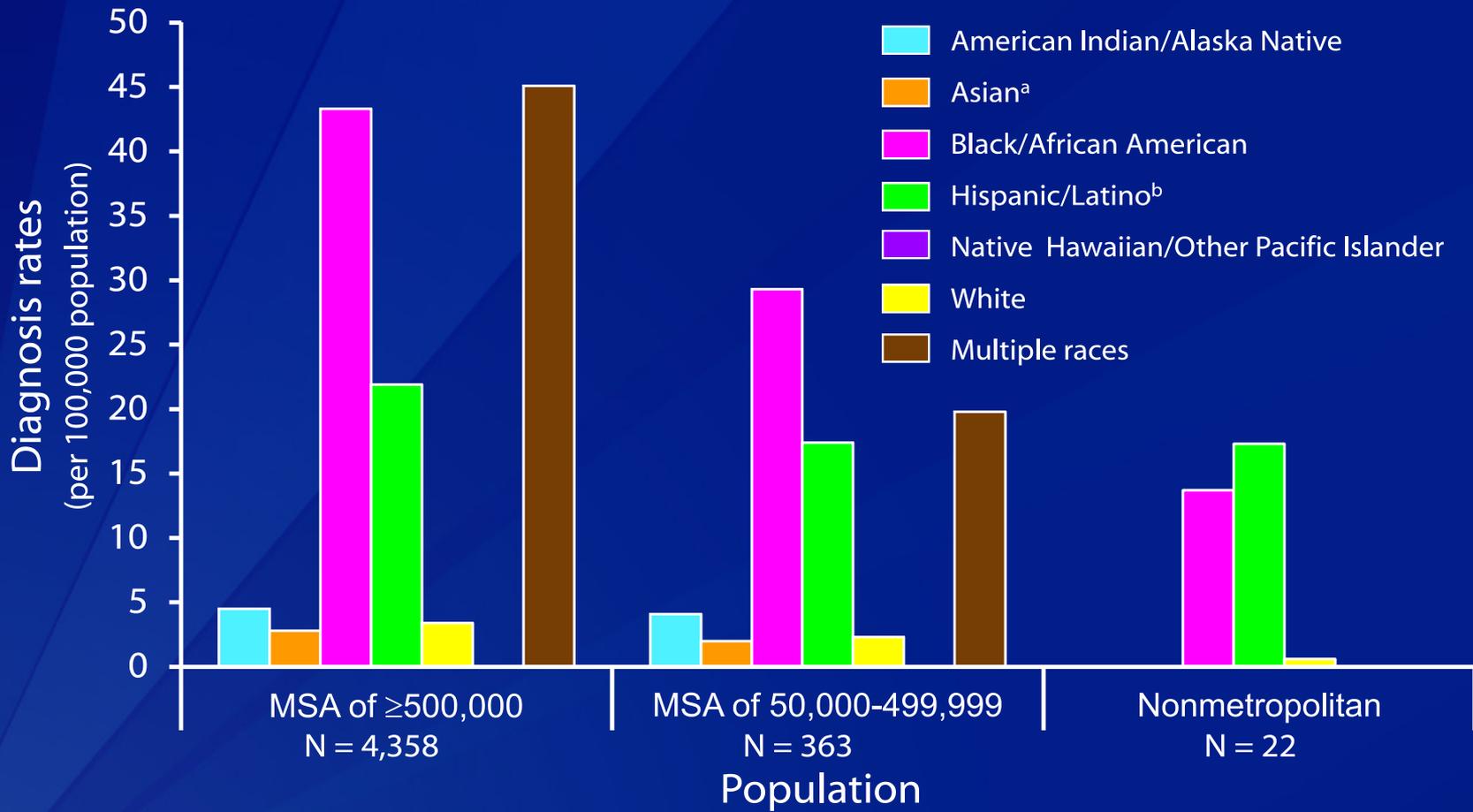
## Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Region, 2013—United States

Region of residence	MSA of $\geq 500,000$		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
<b>Northeast</b> N = 4,743	4,358	11.6	363	4.5	22	1.3
<b>Midwest</b> N = 3,216	2,560	8.1	498	3.2	158	1.7
<b>South</b> N = 14,259	10,729	17.7	2,613	10.0	918	8.1
<b>West</b> N = 4,238	3,729	8.2	442	3.5	67	2.1

Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.



# Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Race/Ethnicity 2013—Northeast Region, United States



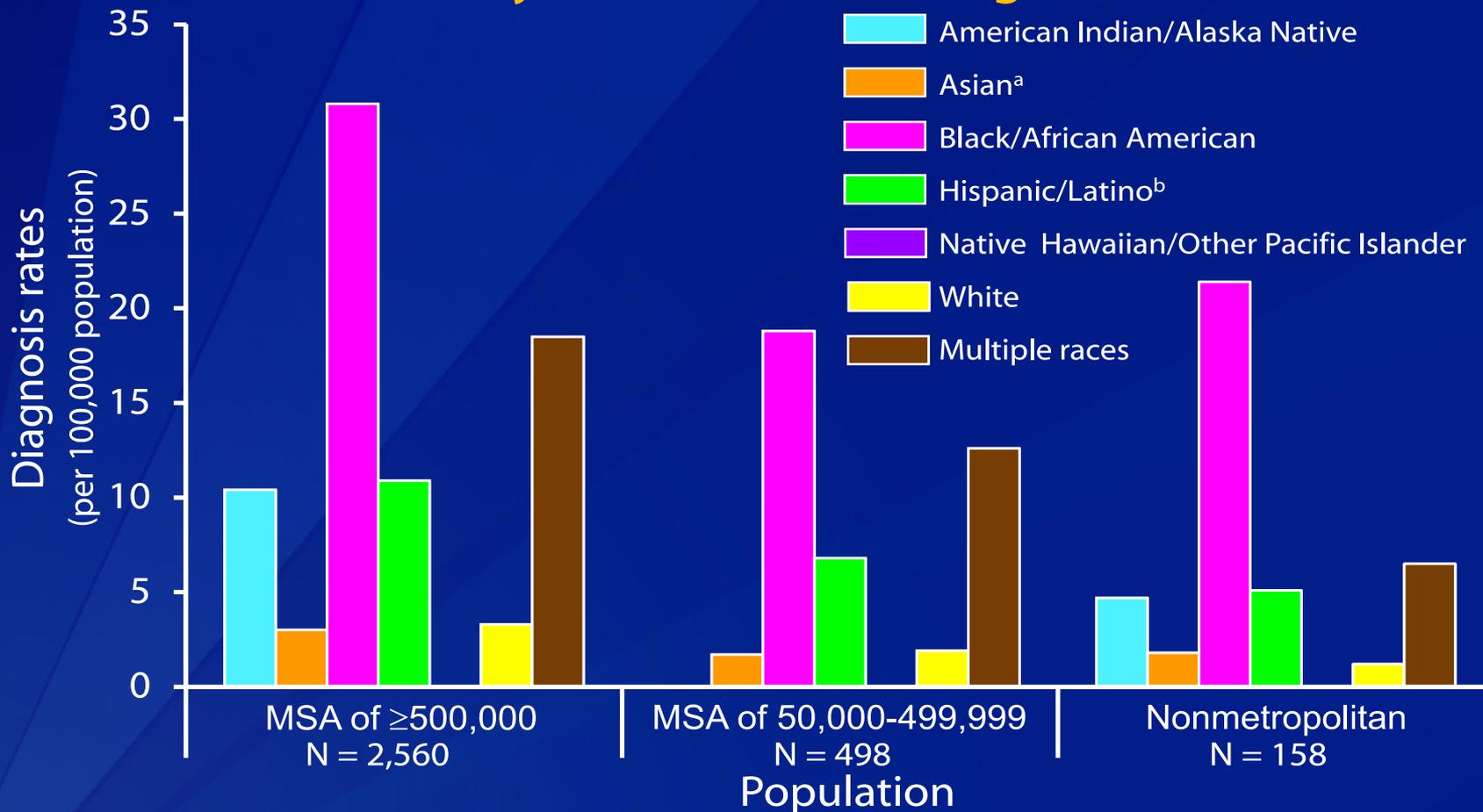
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<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

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# Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Race/Ethnicity 2013—Midwest Region, United States



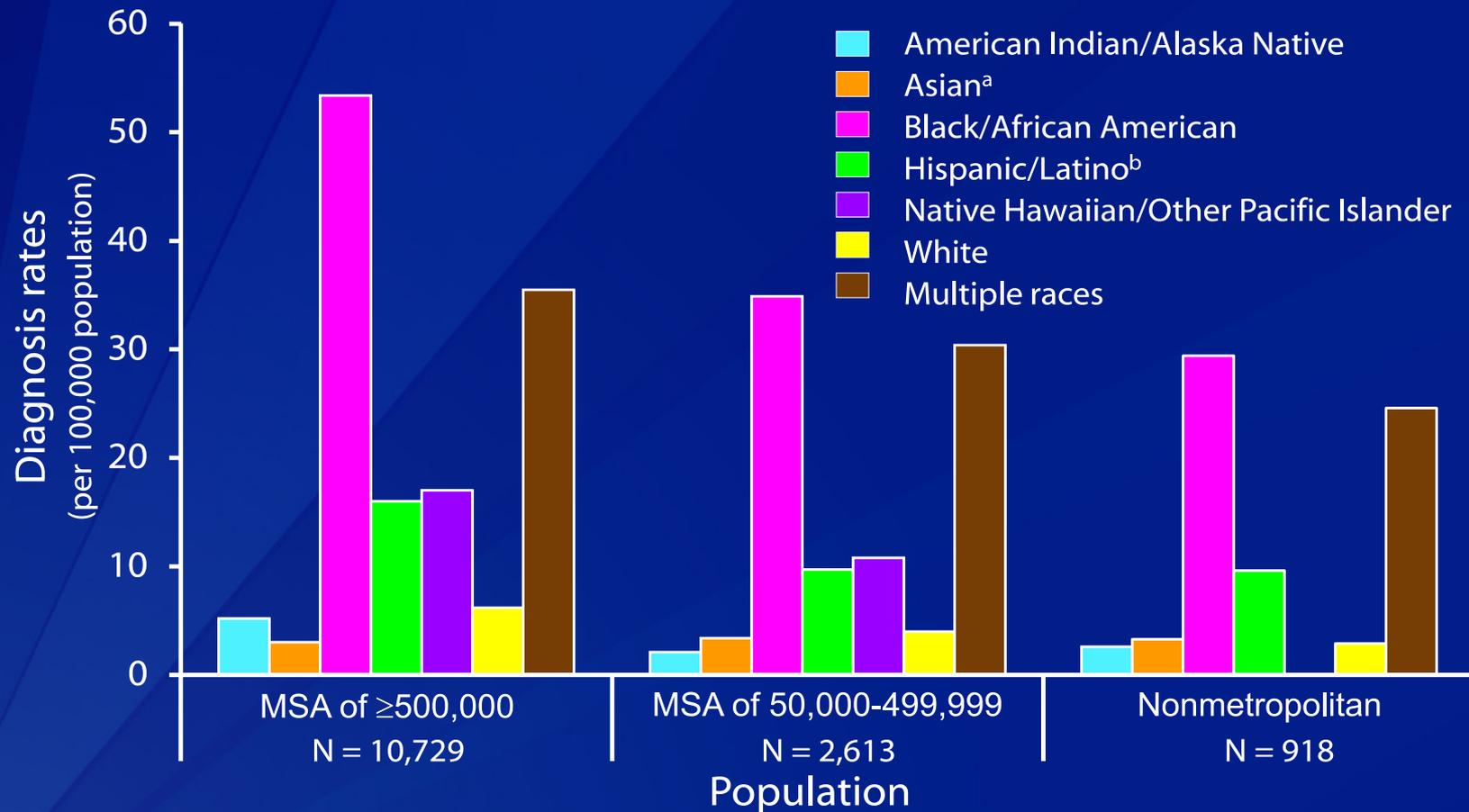
Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

<sup>b</sup> Hispanics/Latinos can be of any race.



# Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Race/Ethnicity 2013—South Region, United States



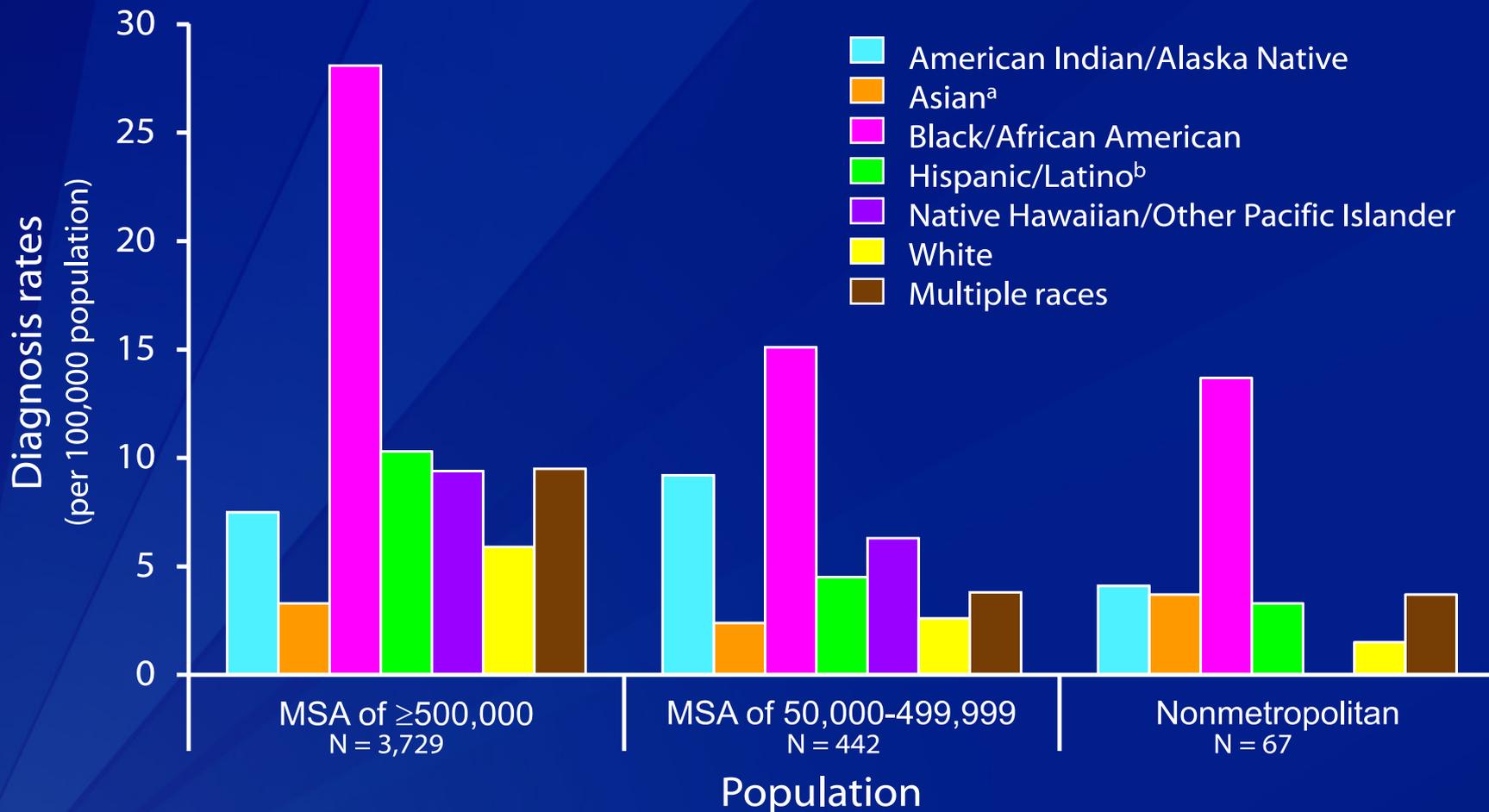
Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

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# Rates of Stage 3 (AIDS) Classifications among Adults and Adolescents with HIV Infection, by Population of Area of Residence and Race/Ethnicity 2013—West Region, United States



Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

<sup>a</sup> Includes Asian/Pacific Islander legacy cases.

<sup>b</sup> Hispanics/Latinos can be of any race.



# Adults and Adolescents Living with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), by Population of Area of Residence and Region Year-end 2012—United States

Region of residence	MSA of $\geq 500,000$		MSA of 50,000-499,999		Non-metropolitan	
	No.	Rate	No.	Rate	No.	Rate
<b>Northeast</b> N = 137,367	126,477	337.2	9,572	119.7	1,317	76.6
<b>Midwest</b> N = 56,000	44,816	143.1	8,428	54.0	2,757	30.5
<b>South</b> N = 209,271	163,567	273.7	34,316	132.1	11,389	100.0
<b>West</b> N = 102,954	91,550	203.9	10,033	79.5	1,372	43.6

Note. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting. Rates are per 100,000 population. Data exclude persons whose county of residence is unknown.

