



HIV DISEASE BY RACE/ETHNICITY IN SAN DIEGO COUNTY, 2017

Epidemiology and Immunization Services Branch

County of San Diego

Health and Human Services Agency



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HIV DISEASE BY RACE/ETHNICITY IN SAN DIEGO COUNTY, 2017



Preface

This publication, *HIV Disease by Race/Ethnicity in San Diego County, 2017*, includes HIV disease data (regardless of stage of disease) reported through March 31, 2018.

This slide set describes the impact of the HIV epidemic in San Diego County by race/ethnicity. Data for new HIV diagnoses (incidence), people living with HIV (prevalence), and engagement in HIV medical care (care continuum) are presented.

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Suggested Citation

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HIV DISEASE BY RACE/ETHNICITY IN SAN DIEGO COUNTY, 2017



Introduction

This slide deck contains incidence, prevalence, and care continuum data by race/ethnicity.

Due to the limitations in obtaining accurate transgender data, transgender data are not presented. A separate transgender factsheet will be available soon to present data on transgender cases.

Updated addresses are not consistently available in the HIV surveillance system. This is a challenge in accurately estimating prevalence and engagement in care.

Contents

The first section presents cumulative data for cases diagnosed with HIV disease by race/ethnicity while residing in San Diego County.

The second section shows data for cases recently diagnosed with HIV disease by race/ethnicity while residing in San Diego County.

The third section displays cases who were living with HIV disease through December 31, 2017 in San Diego County, regardless of where they were first diagnosed.

Rates are given “per 100,000 population” to make the calculated number easier to compare. They were based on population estimates from the San Diego Association of Governments (SANDAG).

The final section displays the percentages receipt of care, retained in care, and virally suppressed.

Summary



- 23,046 people were diagnosed with HIV disease while residing in San Diego County, 1980-2017
 - 12,492 (54%) were Non-Hispanic White
 - 16,661 (72%) had MSM transmission risk
 - 20,993 (91%) were male
 - 15,636 (68%) were 20-39 years of age at diagnosis
 - 12,636 (55%) were living in the Central Region at diagnosis
- 2,392 people diagnosed with HIV disease recently (2013-2017) while residing in San Diego County
 - 1,062 (44%) were Hispanic/Latino
 - 1,657 (69%) had MSM transmission risk
 - 2,146 (90%) were male
 - 1,525 (64%) were 20-39 years of age at diagnosis
 - 1,021 (43%) were diagnosed while residing in the Central Region
- 13,876 PLWHA in San Diego County through 12/31/2017
 - 6,415 (46%) were Non-Hispanic White
 - 10,043 (72%) had MSM transmission risk
 - 12,473 (90%) were male
 - 7,408 (53%) were 50+ years of age
 - 6,916 (50%) resided in the Central Region

HIV Disease Diagnoses by Race/Ethnicity and Diagnosis Year, San Diego County, 1980-2017



Diagnosis Year	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
1980-1992	929	(11)	1,374	(16)	6,125	(71)	217	(3)	8,645	(100)
1993-1997	514	(15)	959	(28)	1,824	(53)	153	(4)	3,450	(100)
1998-2002	415	(14)	966	(34)	1,366	(47)	135	(5)	2,882	(100)
2003-2007	362	(12)	1,111	(38)	1,311	(45)	157	(5)	2,941	(100)
2008-2012	378	(14)	1,110	(41)	1,038	(38)	210	(8)	2,736	(100)
2013-2017	291	(12)	1,062	(44)	828	(35)	211	(9)	2,392	(100)
Total	2,889	(13)	6,582	(29)	12,492	(54)	1,083	(5)	23,046	(100)

Among individuals diagnosed with HIV disease while residing in San Diego County, 13% were Non-Hispanic Black/African American, 29% were Hispanic/Latino, 54% were Non-Hispanic White, and 5% were Other.

HIV disease diagnosis while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding.

HIV Disease Diagnoses by Race/Ethnicity and Transmission Risk, San Diego County, 1980-2017



Transmission Risk	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	1,583	(55)	4,644	(71)	9,665	(77)	769	(71)	16,661	(72)
IDU	415	(14)	506	(8)	714	(6)	61	(6)	1,696	(7)
MSM and IDU	280	(10)	434	(7)	1,279	(10)	86	(8)	2,079	(9)
Heterosexual Contact	501	(17)	764	(12)	571	(5)	122	(11)	1,958	(9)
Blood/Tissue Exposure	17	(1)	49	(1)	141	(1)	11	(1)	218	(1)
Perinatal	29	(1)	65	(1)	21	(<1)	8	(1)	123	(1)
No Identified Risk	64	(2)	120	(2)	101	(1)	26	(2)	311	(1)
Total	2,889	(100)	6,582	(100)	12,492	(100)	1,083	(100)	23,046	(100)

Among individuals diagnosed with HIV disease while residing in San Diego County, the most frequent transmission risk was from the men who have sex with men group. Among the MSM group, the highest number was from Non-Hispanic White, followed by Hispanic/Latino.

HIV disease diagnosis while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

MSM = men who have sex with men

IDU = injection drug use

Note: Percentages may not total to 100 due to rounding.

HIV Disease Diagnoses by Race/Ethnicity and Birth Sex, San Diego County, 1980-2017



Birth Sex	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Male	2,382	(83)	5,879	(89)	11,790	(94)	942	(87)	20,993	(91)
Female	507	(18)	703	(11)	702	(6)	141	(13)	2,053	(9)
Total	2,889	(100)	6,582	(100)	12,492	(100)	1,083	(100)	23,046	(100)

Among individual diagnosed with HIV disease while residing in San Diego County, 91% were male and 9% were female. Among males, the highest number of HIV disease diagnoses was in Non-Hispanic White followed by Hispanic/Latino.

HIV disease diagnosis while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding.

HIV Disease Diagnoses by Race/Ethnicity and Age at Diagnosis, San Diego County, 1980-2017



Age at Diagnosis	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
<13 years	31	(1)	75	(1)	33	(<1)	8	(1)	147	(1)
13-19 years	97	(3)	176	(3)	138	(1)	25	(2)	436	(2)
20-29 years	936	(32)	2,299	(35)	3,271	(26)	389	(36)	6,895	(30)
30-39 years	1,077	(37)	2,380	(36)	4,881	(39)	403	(37)	8,741	(38)
40-49 years	538	(19)	1,105	(17)	2,796	(22)	186	(17)	4,625	(20)
50+ years	210	(7)	547	(8)	1,373	(11)	72	(7)	2,202	(10)
Total	2,889	(100)	6,582	(100)	12,492	(100)	1,083	(100)	23,046	(100)

Among individuals diagnosed with HIV disease while residing in San Diego County, 68% were 20-39 years of age at diagnosis.

HIV disease diagnosis while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding.

HIV Disease Diagnoses by Race/Ethnicity and Region at Diagnosis, San Diego County, 1980-2017



HHS Region at HIV Disease Diagnosis	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
Central	1,859	(64)	2,952	(45)	7,312	(59)	513	(47)	12,636	(55)
East	217	(8)	416	(6)	984	(8)	84	(8)	1,701	(7)
South	298	(10)	1,879	(29)	608	(5)	127	(12)	2,912	(13)
North Coastal	167	(6)	463	(7)	960	(8)	83	(8)	1,673	(7)
North Inland	52	(2)	328	(5)	628	(5)	71	(7)	1,079	(5)
North Central	286	(10)	533	(8)	1,987	(16)	201	(19)	3,007	(13)
Total	2,889	(100)	6,582	(100)	12,492	(100)	1,083	(100)	23,046	(100)

Among individual diagnosed with HIV disease while residing in San Diego County, 55% were living in the Central Region when they were diagnosed. In the Central Region, the highest number diagnosed was among Non-Hispanic White followed by Hispanic/Latino.

HIV disease diagnosis while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Region missing for 10 Black/African American Non-Hispanic cases, 11 Hispanic/Latino cases, 13 White Non-Hispanic cases, and four other race/ethnicity cases.

Note: Percentages may not total to 100 due to rounding.

Recent HIV Disease Diagnoses by Race/Ethnicity and Diagnosis Year, San Diego County, 2013-2017



Diagnosis Year	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other					
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
2013	62	(21)	40.7	214	(20)	20.5	173	(21)	11.4	37	(18)	7.8	486	(20)	15.2
2014	55	(19)	35.7	217	(20)	20.4	188	(23)	12.3	40	(19)	8.2	500	(21)	15.5
2015	65	(22)	41.7	208	(20)	19.2	169	(20)	11.1	55	(26)	11.0	497	(21)	15.2
2016	62	(21)	39.5	235	(22)	21.4	171	(21)	11.2	40	(19)	7.8	508	(21)	15.4
2017	47	(16)	30.0	188	(18)	17.1	127	(15)	8.3	39	(19)	7.6	401	(17)	12.2

Of individuals recently diagnosed with HIV disease while residing in San Diego County, the highest rate was among Non-Hispanic Black/African American. Non-Hispanic Black/African American had a significantly higher rate than all other race/ethnicity groups. Hispanic/Latino had a significantly higher rate than Non-Hispanic White and Other. The total rate in 2017 was significantly lower than the total rates in 2013 through 2016.

Newly diagnosed with HIV disease while residing in San Diego County. Data may change if more cases are reported after data analysis or if cases are found to have been previously diagnosed elsewhere.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Rates per 100,000 population. 2013-2016 annual population data from SANDAG. Population data for 2017 not available and data for 2016 was used instead.

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

Recent HIV Disease Diagnoses by Race/Ethnicity and Transmission Risk, San Diego County, 2013-2017



Transmission Risk	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	172	(59)	757	(71)	571	(69)	157	(74)	1,657	(69)
IDU	12	(4)	52	(5)	48	(6)	3	(1)	115	(5)
MSM and IDU	9	(3)	30	(3)	59	(7)	5	(2)	103	(4)
Heterosexual Contact	74	(25)	166	(16)	108	(13)	31	(15)	379	(16)
Perinatal	4	(1)	2	(<1)	1	(<1)	0	(0)	7	(<1)
Unknown	20	(7)	55	(5)	41	(5)	15	(7)	131	(5)
Total	291	(100)	1,062	(100)	828	(100)	211	(100)	2,392	(100)

Of individuals recently diagnosed with HIV disease, 1,657 (69%) were from the MSM group. Within that group, Hispanic/Latino had the highest number of recent HIV disease diagnoses followed by Non-Hispanic White.

Newly diagnosed with HIV disease while residing in San Diego County.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Rates not calculated due to no denominator data for transmission risk.

MSM = men who have sex with men

IDU = injection drug use

Note: Percentages may not total to 100 due to rounding.

Recent HIV Disease Diagnoses by Race/Ethnicity and Birth Sex, San Diego County, 2013-2017



Birth Sex	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other			No.	(%)	Rate
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
Male	245	(84)	290.3	959	(90)	178.8	757	(91)	96.8	185	(88)	77.6	2,146	(90)	130.8
Female	46	(16)	64.4	103	(10)	18.9	71	(9)	9.5	26	(12)	9.9	246	(10)	15.2
Total	291	(100)	186.8	1,062	(100)	98.2	828	(100)	54.3	211	(100)	42.2	2,392	(100)	73.3

Across all race/ethnicities, males had higher numbers and significantly higher rates than females. Among males and females, Hispanic/Latino had the largest numbers of recent HIV disease diagnoses followed by Non-Hispanic White. Non-Hispanic Black/African American (males, females, and all cases) had significantly higher rates than all race/ethnicity groups, followed by Hispanic/Latino. Hispanic/Latino (males, females, and all cases) had significantly higher rates than Non-Hispanic White. Among males and all cases, Non-Hispanic White had significantly higher rates than the Other race/ethnicity group.

5-Year rates per 100,000 population. Rates calculated using 2015 population data from SANDAG.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

Recent HIV Disease Diagnoses by Race/Ethnicity and Age at Diagnosis, San Diego County, 2013-2017



Age At Diagnosis	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other					
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
<13 years	4	(1)	--	2	(<1)	--	1	(<1)	--	0	(0)	--	7	(<1)	1.3
13-19 years	13	(5)	90.0	24	(2)	18.6	12	(1)	11.8	2	(1)	--	51	(2)	17.5
20-29 years	122	(42)	390.6	417	(39)	207.2	224	(27)	96.4	88	(42)	102.2	851	(36)	154.5
30-39 years	73	(25)	312.3	332	(31)	204.6	204	(25)	100.4	65	(31)	82.8	674	(28)	144.2
40-49 years	43	(15)	211.1	169	(16)	120.0	178	(22)	92.7	35	(17)	51.5	425	(18)	100.9
50+ years	36	(12)	85.7	118	(11)	57.2	209	(25)	33.7	21	(10)	15.5	384	(16)	38.2
Total	291	(100)	186.8	1,062	(100)	98.2	828	(100)	54.3	211	(100)	42.2	2,392	(100)	73.3

The highest numbers of recent HIV disease diagnoses were among individuals 20-29 and 30-39 years of age. Within those age groups, Hispanic/Latino had the largest number of recent HIV disease diagnoses followed by Non-Hispanic White. In those same age group, Non-Hispanic Black/African American had a significantly higher rate than all other race/ethnicity groups and Hispanic/Latino had a significantly higher rate than Non-Hispanic White and Other.

Newly diagnosed with HIV disease while residing in San Diego County.

5-Year rates per 100,000 population. Rates calculated using 2015 population data from SANDAG. Rates not calculated for fewer than five cases. Caution should be taken in interpreting rates for fewer than 20 cases.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

Recent HIV Disease Diagnoses by Race/Ethnicity and Region at Diagnosis, San Diego County, 2013-2017



HSA Region	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other					
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
Central	153	(53)	309.6	417	(39)	200.7	371	(45)	232.7	80	(38)	99.2	1,021	(43)	205.3
East	30	(10)	127.5	79	(7)	62.3	108	(13)	39.1	23	(11)	43.9	240	(10)	50.1
South	46	(16)	167.8	360	(34)	127.8	55	(7)	48.7	28	(13)	36.8	489	(20)	98.2
North Coastal	20	(7)	103.3	72	(7)	45.3	78	(9)	25.6	16	(8)	26.5	186	(8)	34.2
North Inland	4	(1)	-	59	(6)	32.0	62	(8)	20.2	15	(7)	16.0	140	(6)	23.3
North Central	38	(13)	185.2	75	(7)	61.3	152	(18)	41.7	48	(23)	35.1	313	(13)	48.6
Total	291	(100)	186.8	1,062	(100)	98.2	828	(100)	54.3	211	(100)	42.2	2,392	(100)	73.3

The Central Region had the highest number and significantly higher rate of recent HIV disease diagnoses compared to all other regions. Within that region, Hispanic/Latino had the largest number of recent HIV disease diagnoses followed by Non-Hispanic White. Non-Hispanic Black/African American had significantly higher rates than all other race/ethnicity groups in the Central, East, North Coastal, and North Central regions.

5-Year rates per 100,000 population. Rates calculated using 2015 population data from SANDAG. Rates not calculated for fewer than five cases. Caution should be taken in interpreting rates for fewer than 20 cases.

Region missing for two White, Non-Hispanic cases and one other case.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, multiple races, and unknown.

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

PLWHA by Race/Ethnicity and Transmission Risk, San Diego County, 2017



Transmission Risk	Race/Ethnicity								Total	
	Black/African American, Non-Hispanic		Hispanic/Latino		White, Non-Hispanic		Other			
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	993	(55)	3,513	(72)	4,978	(78)	559	(72)	10,043	(72)
IDU	182	(10)	293	(6)	322	(5)	33	(4)	830	(6)
MSM and IDU	147	(8)	254	(5)	575	(9)	50	(7)	1,026	(7)
Heterosexual Contact	381	(21)	631	(13)	418	(7)	101	(13)	1,531	(11)
Blood/tissue exposure	7	(<1)	9	(<1)	17	(<1)	1	(<1)	34	(<1)
Perinatal	26	(1)	46	(1)	17	(<1)	7	(1)	96	(1)
No identifiable risk	85	(5)	122	(3)	88	(1)	21	(3)	316	(2)
Total	1,821	(100)	4,868	(100)	6,415	(100)	772	(100)	13,876	(100)

Among PLWHA, the most frequent transmission risk was from the MSM group. Among the MSM group, Non-Hispanic Whites have the highest number followed by Hispanic/Latino.

PLWHA through 12/31/2017, last known to reside in San Diego County, regardless of residence at HIV and/or AIDS diagnoses.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, and multiple races.

Rates not calculated due to no denominator data for transmission risk.

PLWHA = persons living with HIV/AIDS

MSM = men who have sex with men

IDU = injection drug use

PLWHA by Race/Ethnicity and Birth Sex, San Diego County, 2017



Birth Sex	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other					
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
Male	1,467	(81)	1,721.9	4,337	(89)	796.3	6,008	(94)	769.9	661	(86)	271.3	12,473	(90)	754.2
Female	354	(19)	493.5	531	(11)	95.9	407	(6)	54.9	111	(14)	41.5	1,403	(10)	85.8
Total	1,821	(100)	1,160.4	4,868	(100)	443.1	6,415	(100)	421.5	772	(100)	151.0	13,876	(100)	421.9

Across all PLWHA in San Diego County in 2017, 90% were male and 10% were female. Non-Hispanic White had the highest number of PLWHA, followed by Hispanic/Latino, Non-Hispanic Black, and Other. Among Non-Hispanic White PLWHA, 94% were male and 6% were female. Among Hispanic/Latino, 89% were male and 11% were female. Non-Hispanic Black/African American had the highest percentage of female PLWHA (19%), followed by Other (14%). Males had significantly higher rates than females for all race/ethnicity groups. For males, females, and total, Non-Hispanic Black/African American had significantly higher rates than all other race/ethnicity groups.

PLWHA through 12/31/2017, last known to reside in San Diego County, regardless of residence at HIV and/or AIDS diagnoses.

Rates per 100,000 population. Rates calculated using 2016 population data from SANDAG. Rates not calculated for fewer than five cases. Caution should be taken in interpreting rates for fewer than 20 cases.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, and multiple races.

PLWHA = persons living with HIV/AIDS

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

PLWHA by Race/Ethnicity and Current Age, San Diego County, 2017



Current Age	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other			No.	(%)	Rate
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate			
<13 years	8	(<1)	33.4	5	(<1)	2.1	3	(<1)	--	2	(<1)	--	18	(<1)	3.4
13-19 years	11	(1)	78.5	14	(<1)	11.0	7	(<1)	7.1	2	(<1)	--	34	(<1)	11.8
20-29 years	167	(9)	522.8	446	(9)	218.2	227	(4)	99.5	86	(11)	99.6	926	(7)	168.1
30-39 years	350	(19)	1,470.5	1,034	(21)	628.0	712	(11)	345.5	165	(21)	204.8	2,261	(16)	475.9
40-49 years	413	(23)	2,064.3	1,348	(28)	947.2	1,258	(20)	672.9	210	(27)	302.4	3,229	(23)	771.2
50+ years	872	(48)	2,018.1	2,021	(42)	933.2	4,208	(66)	672.5	307	(40)	216.3	7,408	(53)	721.0
Total	1,821	(100)	1,160.4	4,868	(100)	443.1	6,415	(100)	421.5	772	(100)	151.0	13,876	(100)	421.9

Among PLWHA, the majority (53%) were 50+ years of age in 2017. Among those 50+ years of age in 2017, the highest number was among Non-Hispanic White and the highest rate was among Non-Hispanic Black/African American. Non-Hispanic Black/African American had a significantly higher rate across all age groups. Hispanic/Latino had a significantly higher rate than Non-Hispanic White and Other for all age groups over 19 years. Non-Hispanic White had a significantly higher rate than Other for all age groups over 29 years.

PLWHA through 12/31/2017, last known to reside in San Diego County, regardless of residence at HIV and/or AIDS diagnoses.

Rates per 100,000 population. Rates calculated using 2016 population data from SANDAG. Rates not calculated for fewer than five cases. Caution should be taken in interpreting rates for fewer than 20 cases.

Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, and multiple races.

PLWHA = persons living with HIV/AIDS

Note: Percentages may not total to 100 due to rounding. Significance is at p<0.05.

PLWHA by Race/Ethnicity and Current Region, San Diego County, 2017



HHS Region	Race/Ethnicity												Total		
	Black/African American, Non-Hispanic			Hispanic/Latino			White, Non-Hispanic			Other					
	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate
Central	1,014	(56)	2,101.4	2,029	(42)	972.1	3,516	(55)	2,166.3	357	(46)	435.8	6,916	(50)	1,379.9
East	186	(10)	806.0	327	(7)	253.7	618	(10)	225.4	68	(9)	123.9	1,199	(9)	249.2
South	250	(14)	874.1	1,568	(32)	559.4	346	(5)	299.8	78	(10)	101.6	2,242	(16)	447.4
North Coastal	120	(7)	602.0	350	(7)	214.8	541	(8)	179.1	63	(8)	99.5	1,074	(8)	195.9
North Inland	62	(3)	375.1	255	(5)	135.7	382	(6)	125.2	55	(7)	57.1	754	(5)	124.5
North Central	188	(10)	915.6	337	(7)	259.7	1,012	(16)	278.9	151	(20)	109.3	1,688	(12)	259.2
Total	1,821	(100)	1,160.4	4,868	(100)	443.1	6,415	(100)	421.5	772	(100)	151.0	13,876	(100)	421.9

In San Diego County, half of PLWHA were living in the Central Region in 2017. In the Central Region, the highest number and rate of PLWHA was among Non-Hispanic White. In all of the other regions, Non-Hispanic Black/African American had a significantly higher rate than all other race/ethnicity groups.

PLWHA through 12/31/2017, last known to reside in San Diego County, regardless of residence at HIV and/or AIDS diagnoses.

Rates per 100,000 population. Rates calculated using 2016 population data from SANDAG. Rates not calculated for fewer than five cases. Caution should be taken in interpreting rates for fewer than 20 cases.

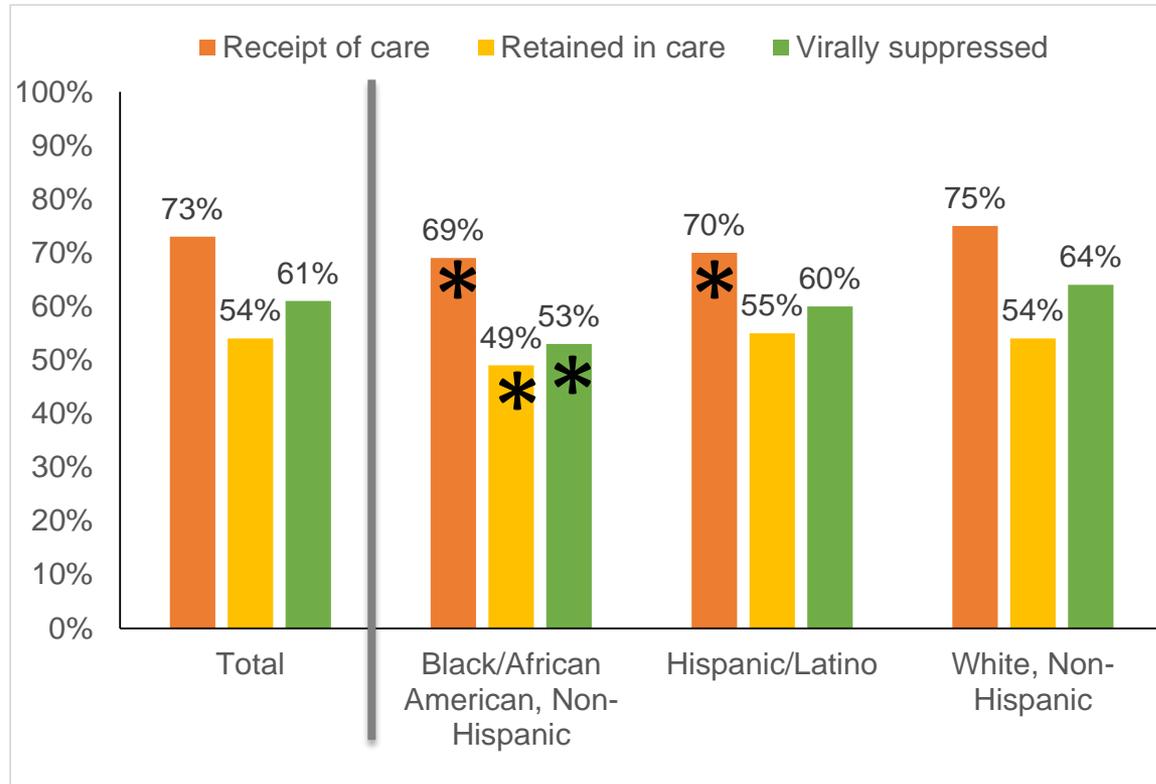
Other includes Non-Hispanic American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, and multiple races.

Region missing for one Black/African American, Non-Hispanic case and two Hispanic/Latino cases.

PLWHA = persons living with HIV/AIDS

Note: Percentages may not total to 100 due to rounding. Significance is at $p < 0.05$.

Care Continuum by Race/Ethnicity, San Diego County, 2017



Non-Hispanic Black/African American had smaller receipt of care, retained in care, and virally suppressed percentages compared to Total cases. Hispanic/Latino had a smaller receipt of care percentage compared to Total cases.

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.

Total includes Non-Hispanic Asian/Pacific Islander and multiple races.

People living with HIV/AIDS in San Diego County through 12/31/2017, diagnosed through 12/31/2016, excluding military diagnoses. *Statistically lower than the Total percentage ($p < .05$).

Appendix 1: Definitions and Acronyms



Females: Female sex at birth

Males: Male sex at birth

Transmission Risk: The way in which a communicable disease is passed from one person to another. In describing HIV, it identifies how an individual may have been exposed to HIV, such as having injected drugs, or homosexual or heterosexual contact.

PLWHA: People Living with HIV/AIDS

Year of Diagnosis: The earliest known year in which an individual met the CDC case definition for HIV disease

Appendix 2: HHSA Regions and Zip Codes



Central: 92101, 92102, 92103, 92104, 92105, 92113, 92114, 92115, 92116, 92134, 92136, 92139, and 92182.

East: 91901, 91905, 91906, 91916, 91917, 91931, 91934, 91935, 91941, 91942, 91945, 91948, 91962, 91963, 91977, 91978, 91980, 92019, 92020, 92021, 92040, and 92071.

North Central: 92037, 92093, 92106, 92107, 92108, 92109, 92110, 92111, 92117, 92119, 92120, 92121, 92122, 92123, 92124, 92126, 92130, 92131, 92140, 92145, and 92161.

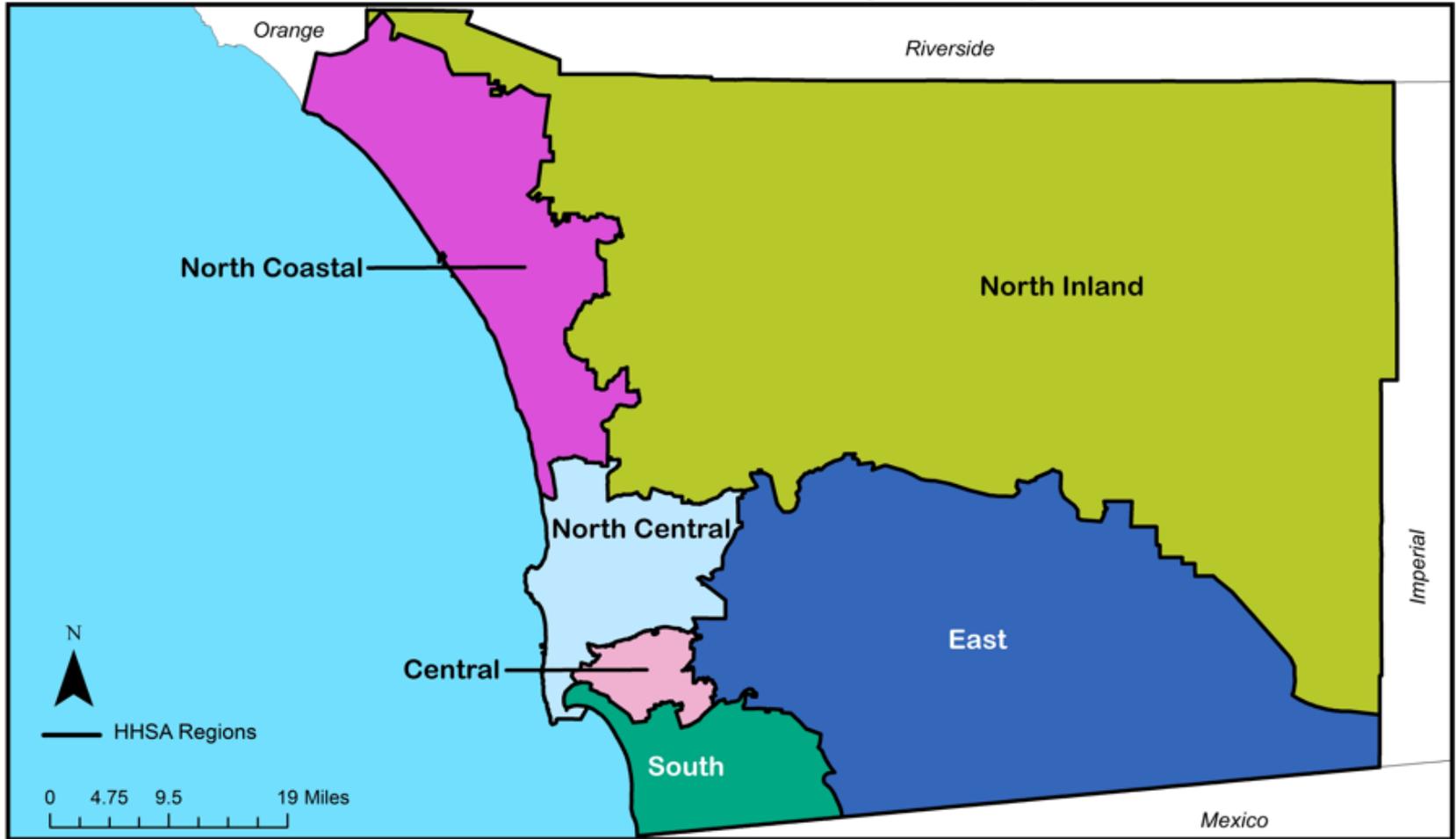
North Coastal: 92007, 92008, 92009, 92010, 92011, 92014, 92024, 92054, 92055, 92056, 92057, 92058, 92067, 92075, 92081, 92083, 92084, 92091, and 92672.

North Inland: 92003, 92004, 92025, 92026, 92027, 92028, 92029, 92036, 92059, 92060, 92061, 92064, 92065, 92066, 92069, 92070, 92078, 92082, 92086, 92096, 92127, 92128, 92129, 92259, and 92536.

South: 91902, 91910, 91911, 91913, 91914, 91915, 91932, 91950, 92118, 92135, 92154, 92155, and 92173.

P.O. boxes incorporated in enclosing zip codes. For homeless cases, zip code of facilities reporting HIV disease diagnosis is used. Version 6.21.18.

Appendix 3: Map of HHSA Regions



HHSA region layer from SanGIS.
Map Date: 05.18.2018
County of San Diego, HHSA, Epidemiology Program



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On May 17, 2016, the County of San Diego Health and Human Services Agency Division of Public Health Services received accreditation from the Public Health Accreditation Board.