

Clark County

2019 STD Fast Facts

Nevada Division of Public and Behavioral Health

Office of Public Health Investigation and Epidemiology

Sexually Transmitted Disease (STD) Prevention and Control Program



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PURPOSE

The purpose of the *Clark County 2019 STD Fast Facts* report is to provide an analysis on all sexually transmitted diseases (STD) reported in 2019 in Clark County. This annual publication is meant as a reference document for policy makers, program managers, health planners, researchers, and community members concerned with the public health implications of the diseases presented. The figures and tables in this edition supersede those in earlier publications.

METHODS

The data used for this profile were collected between January 1, 2019 and December 31, 2019 and obtained from the STD Management and Investigation System (STD*MIS). The STD*MIS database application is provided by the Centers for Disease and Control and Prevention (CDC) and maintained by the Division of Public and Behavioral Health's (DPBH) STD Prevention and Control Program. The data are collected from medical laboratories, private and public health providers, clinics, and disease intervention specialist (DIS) investigations (state and local). The case definitions used for this report come from the 2017 CDC case definitions for all STDs presented. Per the CDC, a patient may be infected with multiple diseases at the same time. While a patient may contract an STD multiple times in the calendar year, only the first occurrence of the disease is counted within a 30-day period.

TECHNICAL NOTES

Nevada Administrative Code (NAC) 441A.040 mandates that Chlamydia, Gonorrhea, Syphilis, and congenital Syphilis are reportable communicable diseases. Additionally, Nevada Revised Statute (NRS) 441A.150 requires that a diagnosis of Chlamydia, Gonorrhea, or Syphilis is to be reported to the local health authority by all providers, medical facilities, and laboratories.

Unknown categories (including percentage and incidence calculations) within the report are due to missing data on gender, race/ethnicity, full address, and age; they are still required reporting according to the NAC. Local health authorities do conduct investigations to complete these cases, but due to limited staff and funding some cases are not complete.

Crude rates are calculated using 2019 population projections from the Nevada State Demographer. Rates are based on per 100,000 persons.

n (used for birth sex stratification) is the basic measure of disease and may not equal the total case count (N) due to unknown demographic information.

N (Total case count) is the total number of disease cases in the population.

N/A (notation) is used to represent cases where the data may not meet the criteria for reliability, data quality, or confidentiality due to small data counts or the inability to calculate data rates based on an equivalent population.

Population is based on the 2019 population projections from the Nevada State Demographer.

RC (Rate Change) is the difference in rates between 2018 and 2019 data divided by the 2018 data.

RD (Rate Difference) is the difference in incidence rates between 2018 and 2019 data.

RSE (Relative Standard Error): the publication contains counts under 12, please use caution when interpreting the data as the RSE is greater than 30%.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Chlamydia Cases in Clark County, Nevada 2019**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
Race/Ethnicity									
White, non-Hispanic	1,580	11.2%	157.4	608	11.6%	119.2	972	11.0%	196.8
Black, non-Hispanic	2,400	17.1%	934.1	1,017	19.5%	796.0	1,383	15.7%	1,070.7
Hispanic	2,162	15.4%	290.9	831	15.9%	222.0	1,330	15.1%	360.7
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	362	2.6%	137.6	140	2.7%	115.5	222	2.5%	156.5
Unknown/Other	7,541	53.7%	N/A	2,626	50.3%	N/A	4,897	55.7%	N/A
Total	14,045	100.0%	615.4	5,222	100.0%	457.8	8,804	100.0%	771.3
Age Group									
< 9	4	0.0%	1.4	0	0.0%	0.0	4	0.0%	2.8
10-14	50	0.4%	30.5	9	0.2%	10.8	41	0.5%	51.0
15-19	3,078	21.9%	1,973.9	737	14.1%	925.6	2,338	26.6%	3,063.8
20-24	4,619	32.9%	3,057.6	1,411	27.0%	1,815.5	3,203	36.4%	4,367.2
25-29	2,836	20.2%	1,705.3	1,229	23.5%	1,455.9	1,604	18.2%	1,958.7
30-34	1,546	11.0%	991.2	739	14.2%	928.2	803	9.1%	1,051.7
35-39	816	5.8%	519.2	440	8.4%	561.4	373	4.2%	473.4
40-44	469	3.3%	284.9	264	5.1%	316.6	205	2.3%	252.4
45-54	465	3.3%	153.8	284	5.4%	185.9	181	2.1%	121.0
55-64	140	1.0%	52.9	96	1.8%	72.9	43	0.5%	32.4
65+	22	0.2%	7.1	13	0.3%	9.3	9	0.1%	5.4
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
Total	14,045	100.0%	615.4	5,222	100.0%	457.8	8,804	100.0%	771.3

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of December 2020.

*Percent may not equal 100% due to rounding and unknown counts.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Gonorrhea Cases in Clark County, Nevada 2019**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
Race/Ethnicity									
White, non-Hispanic	843	15.5%	84.0	533	15.9%	104.5	310	15.5%	62.8
Black, non-Hispanic	1,718	31.5%	668.7	1,013	30.2%	792.9	615	30.7%	476.1
Hispanic	762	14.0%	102.5	559	16.7%	149.3	203	10.1%	55.1
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	96	1.8%	36.5	66	2.0%	54.5	30	1.5%	21.1
Unknown/Other	2,029	37.2%	N/A	1,178	35.2%	N/A	848	42.3%	N/A
Total	5,448	100.0%	238.7	3,349	100.0%	293.6	2,006	100.0%	175.7
Age Group									
< 9	5	0.1%	1.7	3	0.1%	2.0	2	0.1%	1.4
10-14	16	0.3%	9.8	4	0.1%	4.8	12	0.6%	14.9
15-19	821	15.0%	526.5	339	9.9%	425.7	482	24.0%	631.6
20-24	1,186	21.8%	785.1	632	18.4%	813.2	552	27.5%	752.6
25-29	1,163	21.3%	699.3	786	22.9%	931.1	377	18.8%	460.4
30-34	822	15.0%	527.0	593	17.2%	744.8	229	11.4%	299.9
35-39	532	9.8%	338.5	387	11.2%	493.8	144	7.2%	182.7
40-44	353	6.5%	214.5	255	7.4%	305.8	98	4.9%	120.7
45-54	391	7.2%	129.3	302	8.8%	197.7	89	4.4%	59.5
55-64	134	2.5%	50.6	116	3.4%	88.1	18	0.9%	13.5
65+	25	0.5%	8.1	22	0.6%	15.7	3	0.2%	1.8
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	5,448	100.0%	238.7	3,439	100.0%	301.5	2,006	100.0%	175.7

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of December 2020.

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**Division of Public and Behavioral Health, STD Prevention & Control Program
Primary & Secondary Syphilis Cases in Clark County, Nevada 2019**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
Race/Ethnicity									
White, non-Hispanic	207	33.0%	20.6	165	31.6%	32.3	42	39.6%	8.5
Black, non-Hispanic	192	30.6%	74.7	152	29.1%	119.0	40	37.7%	31.0
Hispanic	189	30.1%	25.4	171	32.8%	45.7	18	17.0%	4.9
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	19	3.0%	7.2	18	3.4%	14.9	1	0.9%	0.7
Unknown/Other	21	3.3%	N/A	16	3.1%	N/A	5	4.8%	N/A
Total	628	100.0%	27.5	522	100.0%	45.8	106	100.0%	9.3
Age Group									
< 9	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
10-14	1	0.2%	0.6	0	0.0%	0.0	1	0.9%	1.2
15-19	10	1.6%	6.4	6	1.1%	7.5	4	3.8%	5.2
20-24	87	13.9%	57.6	67	12.8%	86.2	20	18.9%	27.3
25-29	157	25.0%	94.4	132	25.3%	156.4	25	23.6%	30.5
30-34	117	18.6%	75.0	103	19.7%	129.4	14	13.2%	18.3
35-39	76	12.1%	48.4	64	12.3%	81.7	12	11.3%	15.2
40-44	57	9.1%	34.6	48	9.2%	57.6	9	8.5%	11.1
45-54	79	12.6%	26.1	62	11.9%	40.6	17	16.0%	11.4
55-64	33	5.3%	12.5	29	5.6%	22.0	4	3.8%	3.0
65+	11	1.8%	3.6	11	2.1%	7.9	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
Total	628	100.0%	27.5	522	100.0%	45.8	106	100.0%	9.3

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of December 2020.

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**Division of Public and Behavioral Health, STD Prevention & Control Program
Early Latent Syphilis Cases in Clark County, Nevada 2019**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
Race/Ethnicity									
White, non-Hispanic	117	30.1%	11.7	98	30.1%	19.2	19	30.2%	3.8
Black, non-Hispanic	98	25.2%	38.1	74	22.7%	57.9	24	38.1%	18.6
Hispanic	144	37.0%	19.4	126	38.7%	33.7	18	28.6%	4.9
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	16	4.1%	6.1	16	4.9%	13.2	0	0.0%	0.0
Unknown/Other	14	3.6%	N/A	12	3.6%	N/A	2	3.1%	N/A
Total	389	100.0%	17.0	326	100.0%	28.6	63	100.0%	5.5
Age Group									
< 9	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
10-14	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
15-19	6	1.5%	3.8	2	0.6%	2.5	4	6.3%	5.2
20-24	38	9.8%	25.2	29	8.9%	37.3	9	14.3%	12.3
25-29	69	17.7%	41.5	58	17.8%	68.7	11	17.5%	13.4
30-34	80	20.6%	51.3	58	17.8%	72.8	22	34.9%	28.8
35-39	67	17.2%	42.6	59	18.1%	75.3	8	12.7%	10.2
40-44	38	9.8%	23.1	36	11.0%	43.2	2	3.2%	2.5
45-54	61	15.7%	20.2	55	16.9%	36.0	6	9.5%	4.0
55-64	28	7.2%	10.6	27	8.3%	20.5	1	1.6%	0.8
65+	2	0.5%	0.6	2	0.6%	1.4	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
Total	389	100.0%	17.0	326	100.0%	28.6	63	100.0%	5.5

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of December 2020

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