

# Clark County

## 2020 STD Fast Facts

Nevada Division of Public and Behavioral Health

Office of Public Health Investigations and Epidemiology

Sexually Transmitted Disease (STD) Prevention and Control Program



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## PURPOSE

The purpose of the *Clark County 2020 STD Fast Facts* report is to provide an analysis on all sexually transmitted diseases (STD) reported in 2020 in Clark County. This annual publication is meant as a reference document for policymakers, 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 from January 1 to December 31, 2020; was obtained from the National Electronic Disease Surveillance System Base System (NBS). The NBS 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 30 days.

## 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. 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 2020 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 2020 population projections from the Nevada State Demographer.

**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 2020**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
<b>Race/Ethnicity</b>									
White, non-Hispanic	1,170	10.4%	115.7	440	10.2%	85.6	730	10.5%	146.8
Black, non-Hispanic	1,836	16.3%	691.9	791	18.4%	599.7	1,045	15.0%	783.1
Hispanic	1,517	13.4%	196.8	632	14.7%	163.0	883	12.7%	230.5
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	223	2.0%	81.2	99	2.3%	78.3	124	1.8%	83.7
Unknown/Other	6,540	57.9%	N/A	2,334	54.3%	N/A	4,187	60.1%	N/A
<b>Total</b>	<b>11,286</b>	<b>100.0%</b>	<b>482.8</b>	<b>4,296</b>	<b>100.0%</b>	<b>368.0</b>	<b>6,969</b>	<b>100.0%</b>	<b>595.6</b>
<b>Age Group</b>									
< 9	3	0.0%	1.0	2	0.0%	1.3	1	0.0%	0.7
10-14	47	0.4%	28.7	4	0.1%	4.8	43	0.6%	53.7
15-19	2,287	20.3%	1,414.4	575	13.4%	697.4	1,710	24.5%	2,158.1
20-24	3,688	32.7%	2,356.4	1,194	27.8%	1,487.9	2,485	35.7%	3,258.5
25-29	2,365	21.0%	1,381.6	999	23.3%	1,150.1	1,362	19.5%	1,615.3
30-34	1,319	11.7%	813.6	638	14.9%	770.7	679	9.7%	855.7
35-39	720	6.4%	462.1	364	8.5%	468.2	355	5.1%	454.8
40-44	391	3.5%	230.5	220	5.1%	257.4	171	2.5%	203.2
45-54	349	3.1%	113.5	216	5.0%	139.3	131	1.9%	85.9
55-64	94	0.8%	34.5	66	1.5%	48.6	28	0.4%	20.5
65+	21	0.2%	6.6	18	0.4%	12.4	3	0.0%	1.7
Unknown	2	0.0%	N/A	0	0.0%	N/A	1	0.0%	N/A
<b>Total</b>	<b>11,286</b>	<b>100.0%</b>	<b>482.8</b>	<b>4,296</b>	<b>100.0%</b>	<b>368.0</b>	<b>6,969</b>	<b>100.0%</b>	<b>595.6</b>

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2020.

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

\*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program  
Gonorrhea Cases in Clark County, Nevada 2020**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
<b>Race/Ethnicity</b>									
White, non-Hispanic	672	13.6%	66.5	383	12.8%	74.5	289	14.8%	58.1
Black, non-Hispanic	1,308	26.4%	492.9	818	27.3%	620.2	490	25.1%	367.2
Hispanic	625	12.6%	81.1	448	15.0%	115.6	176	9.0%	45.9
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	74	1.5%	26.9	49	1.6%	38.7	25	1.3%	16.9
Unknown/Other	2,272	45.9%	N/A	1,293	43.2%	N/A	975	49.9%	N/A
<b>Total</b>	<b>4,951</b>	<b>100.0%</b>	<b>211.8</b>	<b>2,991</b>	<b>100.0%</b>	<b>256.2</b>	<b>1,955</b>	<b>100.0%</b>	<b>167.1</b>
<b>Age Group</b>									
< 9	2	0.0%	0.7	0	0.0%	0.0	2	0.1%	1.4
10-14	13	0.3%	7.9	4	0.1%	4.8	9	0.5%	11.2
15-19	580	11.7%	358.7	224	7.5%	271.7	354	18.1%	446.8
20-24	1,149	23.2%	734.1	601	20.1%	748.9	547	28.0%	717.3
25-29	1,107	22.4%	646.7	709	23.7%	816.2	397	20.3%	470.8
30-34	822	16.6%	507.0	531	17.8%	641.5	290	14.8%	365.5
35-39	505	10.2%	324.1	348	11.6%	447.6	157	8.0%	201.1
40-44	327	6.6%	192.8	222	7.4%	259.8	105	5.4%	124.8
45-54	320	6.5%	104.1	249	8.3%	160.6	71	3.6%	46.6
55-64	105	2.1%	38.6	86	2.9%	63.3	19	1.0%	13.9
65+	21	0.4%	6.6	17	0.6%	11.7	4	0.2%	2.3
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
<b>Total</b>	<b>4,951</b>	<b>100.0%</b>	<b>211.8</b>	<b>2,991</b>	<b>100.0%</b>	<b>256.2</b>	<b>1,955</b>	<b>100.0%</b>	<b>167.1</b>

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of December 2020.

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

\*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program  
Primary & Secondary Syphilis Cases in Clark County, Nevada 2020**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
<b>Race/Ethnicity</b>									
White, non-Hispanic	182	29.7%	18.0	144	28.9%	28.0	38	33.0%	7.6
Black, non-Hispanic	213	34.7%	80.3	164	32.9%	124.3	49	42.6%	36.7
Hispanic	154	25.1%	20.0	134	26.9%	34.6	20	17.4%	5.2
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	19	3.1%	6.9	17	3.4%	13.4	2	1.7%	1.4
Unknown/Other	45	7.3%	N/A	39	7.8%	N/A	6	5.2%	N/A
<b>Total</b>	<b>613</b>	<b>100.0%</b>	<b>26.2</b>	<b>498</b>	<b>100.0%</b>	<b>42.7</b>	<b>115</b>	<b>100.0%</b>	<b>9.8</b>
<b>Age Group</b>									
< 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	18	2.9%	11.1	8	1.6%	9.7	10	8.7%	12.6
20-24	62	10.1%	39.6	49	9.8%	61.1	13	11.3%	17.0
25-29	143	23.3%	83.5	113	22.7%	130.1	30	26.1%	35.6
30-34	116	18.9%	71.5	96	19.3%	116.0	20	17.4%	25.2
35-39	81	13.2%	52.0	64	12.9%	82.3	17	14.8%	21.8
40-44	57	9.3%	33.6	50	10.0%	58.5	7	6.1%	8.3
45-54	92	15.0%	29.9	78	15.7%	50.3	14	12.2%	9.2
55-64	37	6.0%	13.6	33	6.6%	24.3	4	3.5%	2.9
65+	7	1.1%	2.2	7	1.4%	4.8	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
<b>Total</b>	<b>613</b>	<b>100.0%</b>	<b>26.2</b>	<b>498</b>	<b>100.0%</b>	<b>42.7</b>	<b>115</b>	<b>100.0%</b>	<b>9.8</b>

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.

\*Due to cases with unknown sex, columns may not add up to totals.



**Division of Public and Behavioral Health, STD Prevention & Control Program  
Early Latent Syphilis Cases in Clark County, Nevada 2020**

	Total			Male			Female		
	N	%*	Rate	n	%*	Rate	n	%*	Rate
<b>Race/Ethnicity</b>									
White, non-Hispanic	111	27.5%	11.0	93	27.4%	18.1	18	28.1%	3.6
Black, non-Hispanic	105	26.1%	39.6	78	23.0%	59.1	27	42.2%	20.2
Hispanic	145	36.0%	18.8	130	38.3%	33.5	15	23.4%	3.9
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	16	4.0%	5.8	16	4.7%	12.6	0	0.0%	0.0
Unknown/Other	26	6.5%	N/A	22	6.5%	N/A	4	6.3%	N/A
<b>Total</b>	<b>403</b>	<b>100.0%</b>	<b>17.2</b>	<b>339</b>	<b>100.0%</b>	<b>29.0</b>	<b>64</b>	<b>100.0%</b>	<b>5.5</b>
<b>Age Group</b>									
< 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	10	2.5%	6.2	3	0.9%	3.6	7	10.9%	8.8
20-24	41	10.2%	26.2	25	7.4%	31.2	16	25.0%	21.0
25-29	49	12.2%	28.6	37	10.9%	42.6	12	18.8%	14.2
30-34	72	17.9%	44.4	65	19.2%	78.5	7	10.9%	8.8
35-39	64	15.9%	41.1	56	16.5%	72.0	8	12.5%	10.2
40-44	64	15.9%	37.7	58	17.1%	67.9	6	9.4%	7.1
45-54	66	16.4%	21.5	60	17.7%	38.7	6	9.4%	3.9
55-64	31	7.7%	11.4	29	8.6%	21.3	2	3.1%	1.5
65+	6	1.5%	1.9	6	1.8%	4.1	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
<b>Total</b>	<b>403</b>	<b>100.0%</b>	<b>17.2</b>	<b>339</b>	<b>100.0%</b>	<b>29.0</b>	<b>64</b>	<b>100.0%</b>	<b>5.5</b>

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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\*Due to cases with unknown sex, columns may not add up to totals.

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