

Rural & Frontier Counties

2018 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



Steve Sisolak, Governor
State of Nevada

Richard Whitley, MS, Director
Department of Health and Human Services

Lisa Sherych
Administrator

Ihsan Azzam, Ph.D., M.D.
Chief Medical Officer

PURPOSE

The primary purpose of the *Rural & Frontier Counties 2018 STD Fast Facts* report is to provide statistics and trends on all 2018 sexually transmitted diseases (STD) in Rural and Frontier Counties of Nevada. The annual publication is a reference document for policy makers, program managers, health planners, researchers, and anyone in the community who are concerned with the public health implications of these diseases. The figures and tables in this edition supersede those in earlier publications of the data.

METHODS

The data used for this profile are between January 1, 2018 to December 31, 2018 and was 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 (DPBH) for the STD Prevention and Control Program. The data are collected from medical laboratories, private and public health providers, clinics, and state and local disease intervention specialists (DIS). The STD case definition for this report utilizes the 2017 CDC Case Definitions. Per the CDC, a patient may be infected with multiple diseases at the same time, and while a patient may contract a STD multiple times in the calendar year, only the first incidence of the disease is counted within a 30-day period.

TECHNICAL NOTES

Per the Nevada Administrative Code (NAC) 441A.040, Chlamydia, Gonorrhea, and Syphilis and congenital Syphilis are reportable communicable diseases. As prescribed by NRS 441A.150, a diagnosis of Chlamydia, Gonorrhea or Syphilis is reported to the local health authority by providers, medical facilities, and labs. For the unknown categories, percentage, and incidence are missing data to include gender, race/ethnicity, full address, or age which is a requirement of NAC. The local health authorities conduct investigations on these cases to complete the case, but due to limited staff and funding some cases are not complete.

Crude rates are the rate of the population per 100,000 persons and calculated by using the 2018 population projections from the Nevada State Demographer vintage.

n (subsample case count) is the basic measure of disease for a given subsample, such as sex, race/ethnicity, age, or full address. The subsample (n) may not equal the total case count (N) due to unknown demographics such as sex, race/ethnicity, age, or full address.

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

NA (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 2018 population projections from the Nevada State Demographer vintage 2018 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 Rural & Frontier Counties, Nevada, 2018**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	600	55.4%	231.6	144	47.1%	112.1	451	58.8%	345.3
Black, non-Hispanic	29	2.7%	551.0	12	3.9%	324.4	17	2.2%	1,086.8
Hispanic	193	17.8%	1,514.5	57	18.6%	893.5	136	17.7%	2,137.2
American Indian/Alaska Native	43	4.0%	617.8	12	3.9%	393.5	31	4.0%	792.6
Asian/Hawaiian/Pacific Islander	13	1.2%	21.8	5	1.6%	15.7	8	1.0%	28.6
Unknown/Other	206	19.0%	N/A	76	24.8%	N/A	124	16.2%	N/A
Total	1,084	100.0%	315.4	306	100.0%	176.5	767	100.0%	450.2
Age Group									
< 9	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
10-14	8	0.7%	38.8	0	0.0%	0.0	8	1.0%	77.6
15-19	261	24.1%	1,302.4	56	18.3%	507.3	200	26.1%	2,222.1
20-24	359	33.1%	1,636.6	94	30.7%	821.9	263	34.3%	2,505.3
25-29	194	17.9%	697.6	65	21.2%	454.7	127	16.6%	939.7
30-34	101	9.3%	485.8	34	11.1%	298.6	67	8.7%	712.4
35-39	54	5.0%	335.2	21	6.9%	252.4	32	4.2%	410.7
40-44	24	2.2%	130.4	6	2.0%	63.7	18	2.3%	200.5
45-54	16	1.5%	36.3	12	3.9%	51.8	4	0.5%	19.2
55-64	5	0.5%	10.6	3	1.0%	12.8	2	0.3%	8.3
65+	2	0.2%	2.8	2	0.7%	6.2	0	0.0%	0.0
Unknown	60	5.5%	N/A	13	4.2%	N/A	46	6.0%	N/A
Total	1,084	100.0%	315.4	306	100.0%	176.5	767	100.0%	450.2

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of October 2019.

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



**Division of Public and Behavioral Health, STD Prevention & Control Program
Gonorrhea Cases in Rural & Frontier Counties, Nevada, 2018**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	144	54.8%	55.6	57	47.1%	44.4	86	61.4%	65.8
Black, non-Hispanic	12	4.6%	228.0	6	5.0%	162.2	6	4.3%	383.6
Hispanic	31	11.8%	243.3	17	14.0%	266.5	14	10.0%	220.0
American Indian/Alaska Native	16	6.1%	229.9	9	7.4%	295.2	7	5.0%	179.0
Asian/Hawaiian/Pacific Islander	3	1.1%	5.0	1	0.8%	3.1	2	1.4%	7.2
Unknown/Other	57	21.7%	N/A	31	25.6%	N/A	25	17.9%	N/A
Total	263	100.0%	76.5	121	100.0%	69.8	140	100.0%	82.2
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	23	8.7%	114.8	5	4.1%	45.3	18	12.9%	200.0
20-24	66	25.1%	300.9	31	25.6%	271.0	35	25.0%	333.4
25-29	59	22.4%	212.2	28	23.1%	195.9	31	22.1%	229.4
30-34	50	19.0%	240.5	29	24.0%	254.7	20	14.3%	212.7
35-39	18	6.8%	111.7	6	5.0%	72.1	11	7.9%	141.2
40-44	9	3.4%	48.9	5	4.1%	53.1	4	2.9%	44.6
45-54	15	5.7%	34.0	8	6.6%	34.5	7	5.0%	33.5
55-64	1	0.4%	2.1	1	0.8%	4.3	0	0.0%	0.0
65+	2	0.8%	2.8	1	0.8%	3.1	1	0.7%	2.6
Unknown	20	7.6%	N/A	7	5.8%	N/A	13	9.3%	N/A
Total	263	100.0%	76.5	121	100.0%	69.8	140	100.0%	82.2

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of October 2019.

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



**Division of Public and Behavioral Health, STD Prevention & Control Program
Primary & Secondary Syphilis Cases in Rural & Frontier Counties, Nevada,
2018**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	9	52.9%	3.5	7	53.8%	5.5	2	50.0%	1.5
Black, non-Hispanic	3	17.6%	57.0	3	23.1%	81.1	0	0.0%	0.0
Hispanic	2	11.8%	15.7	0	0.0%	0.0	2	50.0%	31.4
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown/Other	3	17.6%	N/A	3	23.1%	N/A	0	0.0%	N/A
Total	17	100.0%	4.9	13	100.0%	7.5	4	100.0%	2.3
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	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
20-24	1	5.9%	4.6	1	7.7%	8.7	0	0.0%	0.0
25-29	6	35.3%	21.6	5	38.5%	35.0	1	25.0%	7.4
30-34	5	29.4%	24.0	5	38.5%	43.9	0	0.0%	0.0
35-39	2	11.8%	12.4	1	7.7%	12.0	1	25.0%	12.8
40-44	2	11.8%	10.9	1	7.7%	10.6	1	25.0%	11.1
45-54	1	5.9%	2.3	0	0.0%	0.0	1	25.0%	4.8
55-64	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
65+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
Total	17	100.0%	4.9	13	100.0%	7.5	4	100.0%	2.3

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of October 2019.

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



Division of Public and Behavioral Health, STD Prevention & Control Program
 Early Latent Syphilis Cases in Rural & Frontier Counties, Nevada, 2017

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	2	40.0%	0.8	0	0.0%	0.0	2	100.0%	1.5
Black, non-Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Hispanic	1	20.0%	7.8	1	33.3%	15.7	0	0.0%	0.0
American Indian/Alaska Native	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian/Hawaiian/Pacific Islander	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown/Other	2	40.0%	N/A	2	66.7%	N/A	0	0.0%	N/A
Total	5	100.0%	1.5	3	100.0%	1.7	2	100.0%	1.2
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	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
20-24	4	80.0%	18.2	2	66.7%	17.5	2	100.0%	19.1
25-29	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
30-34	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
35-39	1	20.0%	6.2	1	33.3%	12.0	0	0.0%	0.0
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
45-54	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
55-64	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
65+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	N/A	0	0.0%	N/A	0	0.0%	N/A
Total	5	100.0%	1.5	3	100.0%	1.7	2	100.0%	1.2

Source: Division of Public and Behavioral Health, NEDSS Based System (NBS), data as of October 2019.

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

For more information contact:

Elizabeth Kessler, MPH

*STD and Adult Viral Hepatitis Program Manager
Nevada Department of Health and Human Services
Division of Public and Behavioral Health
Office of Public Health Investigation and Epidemiology
500 Damonte Ranch Parkway, Ste. 657
Reno, NV 89521
Phone: (775) 684-5287
ekessler@health.nv.gov*

RECOMMENDED CITATION:

Office of Public Health Investigation and Epidemiology. Division of Public and Behavioral Health. *Rural and Frontier Counties 2018 STD Fast Facts*. Reno, Nevada. e1.0. October 2019.

This publication is supported by the Grant or Cooperative Agreement Number, 6 NH25PS004376, funded by the Centers for Disease Control and Prevention. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the Department of Health and Human Services.