

Rural & Frontier Counties

2017 STD Fast Facts

Nevada Division of Public and Behavioral Health

Office of Public Health Informatics and Epidemiology

Sexually Transmitted Disease (STD) Prevention and Control Program



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PURPOSE

The primary purpose of the *Rural & Frontier Counties 2017 STD Fast Facts* report is to provide statistics and trends on all 2017 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, 2017 to December 31, 2017 which from January 1, 2017 to May 31, 2017 was obtained from the STD Management and Investigation System (STD*MIS) and from June 1, 2017 to December 31, 2017 was obtained from the NEDSS Based System (NBS). The STD*MIS and NBS are database applications 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 labs, 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 STDs, 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. 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.

N (incidence rate) is the basic measure of disease in the total population.

n (incidence rate) is the basic measure of disease for a given subpopulation, such as sex, race/ethnicity, age, or full address. The subpopulations may not equal the total incidence rate for the population due to unknown demographics such as sex, race/ethnicity, age, or full address.

Crude rates are the rate of the population per 100,000 persons and calculated by using the 2017 population projections from the Nevada State Demographer vintage.

Population is based on the 2017 population projections from the Nevada State Demographer vintage 2017 data.

RSE (Relative Standard Error) as the report contains numbers less than 12 as well as any estimated numbers and accompanying rates and trends based on these numbers, should be interpreted with caution because the numbers have underlying relative standard errors greater than 30% and are considered unreliable.

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.



**Division of Public and Behavioral Health, STD Prevention & Control Program
Chlamydia Cases in Rural & Frontier Counties, Nevada, 2017**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	653	53.2%	252.0	193	50.9%	149.3	455	54.2%	350.3
Black, non-Hispanic	30	2.4%	589.0	18	4.7%	501.8	12	1.4%	796.8
Hispanic	188	15.3%	325.0	59	15.6%	190.7	127	15.1%	472.2
American Indian/Alaska Native	52	4.2%	418.6	16	4.2%	256.3	36	4.3%	582.6
Asian/Hawaiian/Pacific Islander	18	1.5%	269.1	8	2.1%	274.9	10	1.2%	264.6
Unknown/Other	287	23.4%	NA	85	22.4%	NA	200	23.8%	NA
Total	1,228	100.0%	359.9	379	100.0%	219.2	840	100.0%	499.2
Age Group									
< 9	1	0.1%	2.7	1	0.3%	5.3	0	0.0%	0.0
10-14	7	0.6%	34.5	1	0.3%	9.5	6	0.7%	61.7
15-19	326	26.5%	1,542.0	56	14.8%	497.6	268	31.9%	2,710.4
20-24	398	32.4%	1,735.5	134	35.4%	1,121.0	262	31.2%	2,386.4
25-29	212	17.3%	791.3	91	24.0%	659.0	121	14.4%	931.9
30-34	86	7.0%	443.3	36	9.5%	331.6	49	5.8%	573.6
35-39	46	3.7%	289.6	20	5.3%	247.9	26	3.1%	332.6
40-44	27	2.2%	145.3	6	1.6%	61.3	21	2.5%	238.8
45-54	20	1.6%	45.5	11	2.9%	47.8	9	1.1%	43.0
55-64	5	0.4%	10.5	2	0.5%	8.5	3	0.4%	12.4
65+	1	0.1%	1.5	0	0.0%	0.0	1	0.1%	2.7
Unknown	99	8.1%	NA	21	5.5%	NA	74	8.8%	NA
Total	1,228	100.0%	359.9	379	100.0%	219.2	840	100.0%	499.2

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of July 2018.

*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, 2017**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	92	48.4%	35.5	38	42.2%	29.4	54	54.5%	41.6
Black, non-Hispanic	5	2.6%	98.2	2	2.2%	55.8	3	3.0%	199.2
Hispanic	23	12.1%	39.8	15	16.7%	48.5	8	8.1%	29.7
American Indian/Alaska Native	13	6.8%	104.7	6	6.7%	96.1	7	7.1%	113.3
Asian/Hawaiian/Pacific Islander	3	1.6%	44.8	1	1.1%	34.4	2	2.0%	52.9
Unknown/Other	54	28.4%	NA	28	31.1%	NA	25	25.3%	NA
Total	190	100.0%	55.7	90	100.0%	52.0	99	100.0%	58.8
Age Group									
< 9	1	0.5%	2.7	1	1.1%	5.3	0	0.0%	0.0
10-14	1	0.5%	4.9	1	1.1%	9.5	0	0.0%	0.0
15-19	23	12.1%	108.8	5	5.6%	44.4	18	18.2%	182.0
20-24	37	19.5%	161.3	17	18.9%	142.2	20	20.2%	182.2
25-29	50	26.3%	186.6	27	30.0%	195.5	23	23.2%	177.1
30-34	28	14.7%	144.3	16	17.8%	147.4	12	12.1%	140.5
35-39	8	4.2%	50.4	2	2.2%	24.8	6	6.1%	76.8
40-44	10	5.3%	53.8	4	4.4%	40.8	6	6.1%	68.2
45-54	11	5.8%	25.0	7	7.8%	30.4	4	4.0%	19.1
55-64	2	1.1%	4.2	1	1.1%	4.2	1	1.0%	4.1
65+	2	1.1%	2.9	2	2.2%	6.4	0	0.0%	0.0
Unknown	17	8.9%	NA	7	7.8%	NA	9	9.1%	NA
Total	190	100.0%	55.7	90	100.0%	52.0	99	100.0%	58.8

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of July 2018.

*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,
2017**

	Total			Male			Female		
	N	%*	Rate	N	%*	Rate	N	%*	Rate
Race/Ethnicity									
White, non-Hispanic	4	36.4%	1.5	3	42.9%	2.3	1	25.0%	0.8
Black, non-Hispanic	2	18.2%	39.3	1	14.3%	27.9	1	25.0%	66.4
Hispanic	2	18.2%	3.5	2	28.6%	6.5	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	1	9.1%	14.9	0	0.0%	0.0	1	25.0%	26.5
Unknown/Other	2	18.2%	NA	1	14.3%	NA	1	25.0%	NA
Total	11	100.0%	3.2	7	100.0%	4.0	4	100.0%	2.4
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	1	9.1%	4.7	0	0.0%	0.0	1	25.0%	10.1
20-24	2	18.2%	8.7	2	28.6%	16.7	0	0.0%	0.0
25-29	3	27.3%	11.2	2	28.6%	14.5	1	25.0%	7.7
30-34	1	9.1%	5.2	0	0.0%	0.0	1	25.0%	11.7
35-39	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
40-44	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
45-54	1	9.1%	2.3	1	14.3%	4.3	0	0.0%	0.0
55-64	2	18.2%	4.2	2	28.6%	8.5	0	0.0%	0.0
65+	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	1	9.1%	NA	0	0.0%	NA	1	25.0%	NA
Total	11	100.0%	3.2	7	100.0%	4.0	4	100.0%	2.4

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of July 2018.

*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	3	42.9%	1.2	2	0.0%	1.5	1	33%	0.8
Black, non-Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0%	0.0
Hispanic	3	42.9%	5.2	2	0.0%	6.5	1	33%	3.7
American Indian/Alaska Native	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
Unknown/Other	1	14.3%	NA	0	0.0%	NA	1	33%	NA
Total	7	100.0%	2.1	4	0.0%	2.3	3	100%	1.8
Age Group									
< 9	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
15-19	0	0.0%	0.0	0	0.0%	0.0	0	0%	0.0
20-24	0	0.0%	0.0	0	0.0%	0.0	0	0%	0.0
25-29	1	0.0%	3.7	1	0.0%	7.2	0	0%	0.0
30-34	3	100.0%	15.5	1	0.0%	9.2	2	67%	23.4
35-39	1	0.0%	6.3	0	0.0%	0.0	1	33%	12.8
40-44	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
55-64	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
Unknown	2	0.0%	NA	2	0.0%	NA	0	0%	NA
Total	7	100.0%	2.1	4	0.0%	2.3	3	100%	1.8

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD*MIS) and NEDSS Based System (NBS), data as of July 2018.

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RECOMMENDED CITATION:

Office of Public Health Informatics and Epidemiology. Division of Public and Behavioral Health. *Rural and Frontier Counties 2017 STD Fast Facts*. Reno, Nevada. e1.0. November 2018.

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.