**Nevada Division of Public and Behavioral Health**

Washoe County

**2018 STD Fast Facts**

**Office of Public Health Investigation and Epidemiology**

**Sexually Transmitted Disease (STD) Prevention and Control Program**



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| **Steve Sisolak, Governor**  *State of Nevada* |  | **Lisa Sherych**  *Administrator* |
| **Richard Whitley, MS, Director**  *Department of Health and Human Services* |  | **Ihsan Azzam, Ph.D., M.D.**  *Chief Medical Officer* |

# Purpose

The primary purpose of the *Washoe County 2018 STD Fast Facts* report is to provide statistics and trends on all 2018 sexually transmitted diseases (STD) in Washoe County. 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 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 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. 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%.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Division of Public and Behavioral Health, STD Prevention & Control Program**  **Chlamydia Cases in Washoe County, Nevada 2018** | | | | | | | | |
| **Total** | | | **Male** | | | **Female** | | |
| **N** | **%**\* | **Rate** | **n** | **%\*** | **Rate** | **n** | **%** | **Rate** |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |  |
| White, non-Hispanic | 1,192 | 43.7% | 410.4 | 451 | 43.5% | 308.8 | 734 | 43.9% | 508.3 |
| Black, non-Hispanic | 248 | 9.1% | 2,133.9 | 143 | 13.8% | 2,236.8 | 104 | 6.2% | 1,989.0 |
| Hispanic | 783 | 28.7% | 681.2 | 283 | 27.3% | 483.0 | 494 | 29.6% | 876.7 |
| American Indian/Alaska Native | 58 | 2.1% | 786.6 | 17 | 1.6% | 474.5 | 41 | 2.5% | 1,081.6 |
| Asian/Hawaiian/Pacific Islander | 76 | 2.8% | 240.1 | 21 | 2.0% | 143.3 | 55 | 3.3% | 323.7 |
| Unknown/Other | 372 | 13.6% | N/A | 122 | 11.8% | N/A | 243 | 14.5% | N/A |
| **Total** | **2,729** | **100.0%** | **598.4** | **1,037** | **100.0%** | **452.3** | **1,671** | **100.0%** | **736.9** |
| **Age Group** |  |  |  |  |  |  |  |  |  |
| < 9 | 1 | 0.0% | 1.8 | 0 | 0.0% | 0.0 | 1 | 0.1% | 3.7 |
| 10-14 | 16 | 0.6% | 50.6 | 3 | 0.3% | 18.3 | 13 | 0.8% | 85.4 |
| 15-19 | 676 | 24.8% | 2,235.3 | 180 | 17.4% | 1,149.1 | 493 | 29.5% | 3,381.9 |
| 20-24 | 1,019 | 37.3% | 3,239.6 | 367 | 35.4% | 2,255.5 | 644 | 38.5% | 4,241.4 |
| 25-29 | 494 | 18.1% | 1,560.3 | 231 | 22.3% | 1,429.0 | 257 | 15.4% | 1,658.4 |
| 30-34 | 230 | 8.4% | 695.7 | 99 | 9.5% | 593.1 | 129 | 7.7% | 788.2 |
| 35-39 | 136 | 5.0% | 452.0 | 54 | 5.2% | 351.1 | 81 | 4.8% | 550.7 |
| 40-44 | 62 | 2.3% | 222.4 | 37 | 3.6% | 264.3 | 25 | 1.5% | 180.1 |
| 45-54 | 67 | 2.5% | 120.9 | 45 | 4.3% | 160.2 | 21 | 1.3% | 76.9 |
| 55-64 | 19 | 0.7% | 32.6 | 14 | 1.4% | 48.4 | 5 | 0.3% | 17.0 |
| 65+ | 7 | 0.3% | 10.0 | 6 | 0.6% | 18.3 | 1 | 0.1% | 2.7 |
| Unknown | 2 | 0.1% | N/A | 1 | 0.1% | N/A | 1 | 0.1% | N/A |
| **Total** | **2,729** | **100.0%** | **598.4** | **1,037** | **100.0%** | **452.3** | **1,671** | **100.0%** | **736.9** |

*Source: Nevada State Health Division Sexually Transmitted Disease Management Information Systems (STD\*MIS), data as of May 2019.*

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

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Division of Public and Behavioral Health, STD Prevention & Control Program**  **Gonorrhea Cases in Washoe County, Nevada 2018** | | | | | | | | |
| **Total** | | | **Male** | | | **Female** | | |
| **N** | **%**\* | **Rate** | **N** | **%**\* | **Rate** | **N** | **%**\* | **Rate** |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |  |
| White, non-Hispanic | 425 | 46.3% | 146.3 | 231 | 43.3% | 158.2 | 194 | 51.2% | 134.3 |
| Black, non-Hispanic | 135 | 14.7% | 1,161.6 | 104 | 19.5% | 1,626.8 | 30 | 7.9% | 573.7 |
| Hispanic | 220 | 24.0% | 191.4 | 133 | 24.9% | 227.0 | 86 | 22.7% | 152.6 |
| American Indian/Alaska Native | 20 | 2.2% | 271.2 | 7 | 1.3% | 195.4 | 13 | 3.4% | 342.9 |
| Asian/Hawaiian/Pacific Islander | 12 | 1.3% | 37.9 | 5 | 0.9% | 34.1 | 7 | 1.8% | 41.2 |
| Unknown/Other | 106 | 11.5% | N/A | 54 | 10.1% | N/A | 49 | 12.9% | N/A |
| **Total** | **918** | **100.0%** | **201.3** | **534** | **100.0%** | **232.9** | **379** | **100.0%** | **167.1** |
| **Age Group** |  |  |  |  |  |  |  |  |  |
| < 9 | 1 | 0.1% | 1.8 | 1 | 0.2% | 3.5 | 0 | 0.0% | 0.0 |
| 10-14 | 3 | 0.3% | 9.5 | 0 | 0.0% | 0.0 | 3 | 0.8% | 19.7 |
| 15-19 | 102 | 11.1% | 337.3 | 37 | 6.9% | 236.2 | 63 | 16.6% | 432.2 |
| 20-24 | 219 | 23.9% | 696.2 | 126 | 23.6% | 774.4 | 91 | 24.0% | 599.3 |
| 25-29 | 180 | 19.6% | 568.5 | 115 | 21.5% | 711.4 | 64 | 16.9% | 413.0 |
| 30-34 | 145 | 15.8% | 438.6 | 83 | 15.5% | 497.3 | 62 | 16.4% | 378.8 |
| 35-39 | 94 | 10.2% | 312.4 | 60 | 11.2% | 390.1 | 34 | 9.0% | 231.2 |
| 40-44 | 59 | 6.4% | 211.7 | 33 | 6.2% | 235.8 | 26 | 6.9% | 187.4 |
| 45-54 | 85 | 9.3% | 153.4 | 55 | 10.3% | 195.8 | 30 | 7.9% | 109.8 |
| 55-64 | 24 | 2.6% | 41.2 | 19 | 3.6% | 65.7 | 5 | 1.3% | 17.0 |
| 65+ | 4 | 0.4% | 5.7 | 3 | 0.6% | 9.1 | 1 | 0.3% | 2.7 |
| Unknown | 2 | 0.2% | 0.0 | 2 | 0.4% | 0.0 | 0 | 0.0% | 0.0 |
| **Total** | **918** | **100.0%** | **201.3** | **534** | **100.0%** | **232.9** | **379** | **100.0%** | **167.1** |

*Source: Nevada State Health Division Sexually Transmitted Disease Management Information Systems (STD\*MIS), data as of May 2019.*

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

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Division of Public and Behavioral Health, STD Prevention & Control Program**  **Primary & Secondary Syphilis Cases in Washoe County, Nevada 2018** | | | | | | | | | | | |
| **Total** | | | | **Male** | | | | **Female** | | | |
| **N** | **%**\* | **Rate** | **N** | | **%**\* | **Rate** | **N** | | **%**\* | **Rate** |
| **Race/Ethnicity** |  |  |  |  | |  |  |  | |  |  |
| White, non-Hispanic | 57 | 51.4% | 19.6 | 45 | | 50.6% | 30.8 | 12 | | 54.5% | 8.3 |
| Black, non-Hispanic | 11 | 9.9% | 94.6 | 9 | | 10.1% | 140.8 | 2 | | 9.1% | 38.2 |
| Hispanic | 32 | 28.8% | 27.8 | 27 | | 30.3% | 46.1 | 5 | | 22.7% | 8.9 |
| American Indian/Alaska Native | 2 | 1.8% | 27.1 | 0 | | 0.0% | 0.0 | 2 | | 9.1% | 52.8 |
| Asian/Hawaiian/Pacific Islander | 0 | 0.0% | 0.0 | 0 | | 0.0% | 0.0 | 0 | | 0.0% | 0.0 |
| Unknown/Other | 9 | 8.1% | N/A | 8 | | 9.0% | N/A | 1 | | 4.5% | N/A |
| **Total** | **111** | **100.0%** | **24.3** | **89** | | **100.0%** | **38.8** | **22** | | **100.0%** | **9.7** |
| **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 | 3 | 2.7% | 9.9 | 0 | | 0.0% | 0.0 | 3 | | 13.6% | 20.6 |
| 20-24 | 16 | 14.4% | 50.9 | 13 | | 14.6% | 79.9 | 3 | | 13.6% | 19.8 |
| 25-29 | 25 | 22.5% | 79.0 | 19 | | 21.3% | 117.5 | 6 | | 27.3% | 38.7 |
| 30-34 | 11 | 9.9% | 33.3 | 9 | | 10.1% | 53.9 | 2 | | 9.1% | 12.2 |
| 35-39 | 17 | 15.3% | 56.5 | 13 | | 14.6% | 84.5 | 4 | | 18.2% | 27.2 |
| 40-44 | 17 | 15.3% | 61.0 | 15 | | 16.9% | 107.2 | 2 | | 9.1% | 14.4 |
| 45-54 | 19 | 17.1% | 34.3 | 17 | | 19.1% | 60.5 | 2 | | 9.1% | 7.3 |
| 55-64 | 1 | 0.9% | 1.7 | 1 | | 1.1% | 3.5 | 0 | | 0.0% | 0.0 |
| 65+ | 2 | 1.8% | 2.8 | 2 | | 2.2% | 6.1 | 0 | | 0.0% | 0.0 |
| Unknown | 0 | 0.0% | N/A | 0 | | 0.0% | N/A | 0 | | 0.0% | N/A |
| **Total** | **111** | **100.0%** | **24.3** | **89** | | **100.0%** | **38.8** | **22** | | **100.0%** | **9.7** |

*Source: Nevada State Health Division Sexually Transmitted Disease Management Information Systems (STD\*MIS), data as of May 2019.*

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

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Division of Public and Behavioral Health, STD Prevention & Control Program**  **Early Latent Syphilis Cases in Washoe County, Nevada 2018** | | | | | | | | |
| **Total** | | | **Male** | | | **Female** | | |
| **N** | **%**\* | **Rate** | **N** | **%**\* | **Rate** | **N** | **%**\* | **Rate§** | **%1** | **Rate2** | **n** | **%1** | **Rate2** | **n** | **%1** | **Rate2** |
| **Race/Ethnicity** |  |  |  |  |  |  |  |  |  |
| White, non-Hispanic | 24 | 40.0% | 8.3 | 18 | 40.9% | 12.3 | 6 | 40.0% | 4.2 |
| Black, non-Hispanic | 7 | 11.7% | 60.2 | 5 | 11.4% | 78.2 | 2 | 13.3% | 38.2 |
| Hispanic | 21 | 35.0% | 18.3 | 15 | 34.1% | 25.6 | 5 | 33.3% | 8.9 |
| American Indian/Alaska Native | 4 | 6.7% | 54.2 | 3 | 6.8% | 83.7 | 1 | 6.7% | 26.4 |
| Asian/Hawaiian/Pacific Islander | 3 | 5.0% | 9.5 | 2 | 4.5% | 13.6 | 1 | 6.7% | 5.9 |
| Unknown/Other | 1 | 1.7% | N/A | 1 | 2.3% | N/A | 0 | 0.0% | N/A |
| **Total** | **60** | **100.0%** | **13.2** | **44** | **100.0%** | **19.2** | **15** | **100.0%** | **6.6** |
| **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 | 2 | 3.3% | 6.6 | 0 | 0.0% | 0.0 | 2 | 13.3% | 13.7 |
| 20-24 | 11 | 18.3% | 35.0 | 7 | 15.9% | 43.0 | 4 | 26.7% | 26.3 |
| 25-29 | 10 | 16.7% | 31.6 | 8 | 18.2% | 49.5 | 2 | 13.3% | 12.9 |
| 30-34 | 9 | 15.0% | 27.2 | 6 | 13.6% | 35.9 | 2 | 13.3% | 12.2 |
| 35-39 | 5 | 8.3% | 16.6 | 3 | 6.8% | 19.5 | 2 | 13.3% | 13.6 |
| 40-44 | 10 | 16.7% | 35.9 | 8 | 18.2% | 57.2 | 2 | 13.3% | 14.4 |
| 45-54 | 10 | 16.7% | 18.0 | 9 | 20.5% | 32.0 | 1 | 6.7% | 3.7 |
| 55-64 | 3 | 5.0% | 5.1 | 3 | 6.8% | 10.4 | 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** | **60** | **100.0%** | **13.2** | **44** | **100.0%** | **19.2** | **15** | **100.0%** | **6.6** |

*Source: Nevada State Health Division Sexually Transmitted Disease Management Information Systems (STD\*MIS), data as of May 2019.*

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

# **For more information contact:**

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