

# Clark County

## 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 *Clark County 2018 STD Fast Facts* report is to provide statistics and trends on all 2018 sexually transmitted diseases (STD) in Clark 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%.



**Division of Public and Behavioral Health, STD Prevention & Control Program  
Chlamydia Cases in Clark County, Nevada 2018**

|                                 | Total         |               |              | Male         |               |              | Female       |               |              |
|---------------------------------|---------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|
|                                 | N             | %*            | Rate         | n            | %*            | Rate         | n            | %*            | Rate         |
| <b>Race/Ethnicity</b>           |               |               |              |              |               |              |              |               |              |
| White, non-Hispanic             | 1,437         | 10.5%         | 144.0        | 553          | 11.0%         | 109.1        | 884          | 10.3%         | 180.1        |
| Black, non-Hispanic             | 2,269         | 16.6%         | 910.4        | 931          | 18.5%         | 750.9        | 1,338        | 15.5%         | 1,068.3      |
| Hispanic                        | 2,096         | 15.3%         | 292.1        | 800          | 15.9%         | 220.9        | 1,296        | 15.0%         | 364.6        |
| American Indian/Alaska Native   | 20            | 0.1%          | 133.3        | 6            | 0.1%          | 82.6         | 14           | 0.2%          | 180.9        |
| Asian/Hawaiian/Pacific Islander | 380           | 2.8%          | 150.4        | 124          | 2.5%          | 106.6        | 256          | 3.0%          | 187.9        |
| Unknown/Other                   | 7,493         | 54.7%         | N/A          | 2,624        | 52.1%         | N/A          | 4,831        | 56.1%         | N/A          |
| <b>Total</b>                    | <b>13,695</b> | <b>100.0%</b> | <b>613.5</b> | <b>5,038</b> | <b>100.0%</b> | <b>451.2</b> | <b>8,619</b> | <b>100.0%</b> | <b>772.6</b> |
| <b>Age Group</b>                |               |               |              |              |               |              |              |               |              |
| < 9                             | 1             | 0.0%          | 0.3          | 0            | 0.0%          | 0.0          | 1            | 0.0%          | 0.7          |
| 10-14                           | 75            | 0.5%          | 46.0         | 6            | 0.1%          | 7.2          | 69           | 0.8%          | 86.1         |
| 15-19                           | 2,923         | 21.3%         | 1,934.8      | 716          | 14.2%         | 927.8        | 2,202        | 25.5%         | 2,979.4      |
| 20-24                           | 4,599         | 33.6%         | 3,148.4      | 1,484        | 29.5%         | 1,975.7      | 3,105        | 36.0%         | 4,375.5      |
| 25-29                           | 2,906         | 21.2%         | 1,799.0      | 1,199        | 23.8%         | 1,459.9      | 1,698        | 19.7%         | 2,138.3      |
| 30-34                           | 1,463         | 10.7%         | 968.3        | 694          | 13.8%         | 899.3        | 764          | 8.9%          | 1,033.7      |
| 35-39                           | 785           | 5.7%          | 494.0        | 400          | 7.9%          | 505.3        | 380          | 4.4%          | 476.4        |
| 40-44                           | 417           | 3.0%          | 261.5        | 224          | 4.4%          | 276.2        | 192          | 2.2%          | 245.0        |
| 45-54                           | 399           | 2.9%          | 134.1        | 231          | 4.6%          | 153.3        | 165          | 1.9%          | 112.3        |
| 55-64                           | 108           | 0.8%          | 42.0         | 70           | 1.4%          | 54.8         | 38           | 0.4%          | 29.4         |
| 65+                             | 16            | 0.1%          | 5.4          | 14           | 0.3%          | 10.3         | 2            | 0.0%          | 1.2          |
| Unknown                         | 3             | 0.0%          | N/A          | 0            | 0.0%          | N/A          | 3            | 0.0%          | N/A          |
| <b>Total</b>                    | <b>13,695</b> | <b>100.0%</b> | <b>613.5</b> | <b>5,038</b> | <b>100.0%</b> | <b>451.2</b> | <b>8,619</b> | <b>100.0%</b> | <b>772.6</b> |

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD\*MIS) and NEDSS Based System (NBS), data as of May 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 Clark County, Nevada 2018**

|                                 | Total        |               |              | Male         |               |              | Female       |               |              |
|---------------------------------|--------------|---------------|--------------|--------------|---------------|--------------|--------------|---------------|--------------|
|                                 | N            | %*            | Rate         | n            | %*            | Rate         | n            | %*            | Rate         |
| <b>Race/Ethnicity</b>           |              |               |              |              |               |              |              |               |              |
| White, non-Hispanic             | 783          | 14.8%         | 78.5         | 526          | 15.8%         | 103.8        | 256          | 13.1%         | 52.2         |
| Black, non-Hispanic             | 1,410        | 26.6%         | 565.8        | 878          | 26.4%         | 708.2        | 531          | 27.1%         | 424.0        |
| Hispanic                        | 704          | 13.3%         | 98.1         | 505          | 15.2%         | 139.4        | 199          | 10.2%         | 56.0         |
| American Indian/Alaska Native   | 10           | 0.2%          | 66.7         | 4            | 0.1%          | 55.1         | 6            | 0.3%          | 77.5         |
| Asian/Hawaiian/Pacific Islander | 115          | 2.2%          | 45.5         | 86           | 2.6%          | 73.9         | 29           | 1.5%          | 21.3         |
| Unknown/Other                   | 2,272        | 42.9%         | N/A          | 1,331        | 40.0%         | N/A          | 937          | 47.9%         | N/A          |
| <b>Total</b>                    | <b>5,294</b> | <b>100.0%</b> | <b>237.2</b> | <b>3,330</b> | <b>100.0%</b> | <b>298.2</b> | <b>1,958</b> | <b>100.0%</b> | <b>175.5</b> |
| <b>Age Group</b>                |              |               |              |              |               |              |              |               |              |
| < 9                             | 2            | 0.0%          | 0.7          | 1            | 0.0%          | 0.7          | 1            | 0.1%          | 0.7          |
| 10-14                           | 35           | 0.7%          | 21.4         | 7            | 0.2%          | 8.4          | 28           | 1.4%          | 34.9         |
| 15-19                           | 912          | 17.2%         | 603.7        | 399          | 12.0%         | 517.1        | 513          | 26.2%         | 694.1        |
| 20-24                           | 1,271        | 24.0%         | 870.1        | 728          | 21.9%         | 969.2        | 543          | 27.7%         | 765.2        |
| 25-29                           | 1,138        | 21.5%         | 704.5        | 751          | 22.6%         | 914.4        | 387          | 19.8%         | 487.4        |
| 30-34                           | 712          | 13.4%         | 471.3        | 506          | 15.2%         | 655.7        | 205          | 10.5%         | 277.4        |
| 35-39                           | 438          | 8.3%          | 275.6        | 323          | 9.7%          | 408.0        | 113          | 5.8%          | 141.7        |
| 40-44                           | 264          | 5.0%          | 165.5        | 197          | 5.9%          | 242.9        | 66           | 3.4%          | 84.2         |
| 45-54                           | 385          | 7.3%          | 129.4        | 301          | 9.0%          | 199.8        | 84           | 4.3%          | 57.2         |
| 55-64                           | 118          | 2.2%          | 45.9         | 100          | 3.0%          | 78.2         | 16           | 0.8%          | 12.4         |
| 65+                             | 19           | 0.4%          | 6.4          | 17           | 0.5%          | 12.5         | 2            | 0.1%          | 1.2          |
| Unknown                         | 0            | 0.0%          | 0.0          | 0            | 0.0%          | 0.0          | 0            | 0.0%          | 0.0          |
| <b>Total</b>                    | <b>5,294</b> | <b>100.0%</b> | <b>237.2</b> | <b>3,330</b> | <b>100.0%</b> | <b>298.2</b> | <b>1,958</b> | <b>100.0%</b> | <b>175.5</b> |

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD\*MIS) and NEDSS Based System (NBS), data as of May 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 Clark County, Nevada 2018**

|                                 | Total      |               |             | Male       |               |             | Female    |               |            |
|---------------------------------|------------|---------------|-------------|------------|---------------|-------------|-----------|---------------|------------|
|                                 | N          | %*            | Rate        | n          | %*            | Rate        | n         | %*            | Rate       |
| <b>Race/Ethnicity</b>           |            |               |             |            |               |             |           |               |            |
| White, non-Hispanic             | 199        | 35.9%         | 19.9        | 153        | 33.2%         | 30.2        | 46        | 49.5%         | 9.4        |
| Black, non-Hispanic             | 174        | 31.4%         | 69.8        | 139        | 30.2%         | 112.1       | 35        | 37.6%         | 27.9       |
| Hispanic                        | 141        | 25.5%         | 19.6        | 131        | 28.4%         | 36.2        | 10        | 10.8%         | 2.8        |
| American Indian/Alaska Native   | 0          | 0.0%          | 0.0         | 0          | 0.0%          | 0.0         | 0         | 0.0%          | 0.0        |
| Asian/Hawaiian/Pacific Islander | 25         | 4.5%          | 9.9         | 25         | 5.4%          | 21.5        | 0         | 0.0%          | 0.0        |
| Unknown/Other                   | 15         | 2.7%          | N/A         | 13         | 2.8%          | N/A         | 2         | 2.2%          | N/A        |
| <b>Total</b>                    | <b>554</b> | <b>100.0%</b> | <b>24.8</b> | <b>461</b> | <b>100.0%</b> | <b>41.3</b> | <b>93</b> | <b>100.0%</b> | <b>8.3</b> |
| <b>Age Group</b>                |            |               |             |            |               |             |           |               |            |
| < 9                             | 0          | 0.0%          | 0.0         | 0          | 0.0%          | 0.0         | 0         | 0.0%          | 0.0        |
| 10-14                           | 1          | 0.2%          | 0.6         | 1          | 0.2%          | 1.2         | 0         | 0.0%          | 0.0        |
| 15-19                           | 14         | 2.5%          | 9.3         | 10         | 2.2%          | 13.0        | 4         | 4.3%          | 5.4        |
| 20-24                           | 90         | 16.2%         | 61.6        | 80         | 17.4%         | 106.5       | 10        | 10.8%         | 14.1       |
| 25-29                           | 117        | 21.1%         | 72.4        | 98         | 21.3%         | 119.3       | 19        | 20.4%         | 23.9       |
| 30-34                           | 110        | 19.9%         | 72.8        | 86         | 18.7%         | 111.4       | 24        | 25.8%         | 32.5       |
| 35-39                           | 72         | 13.0%         | 45.3        | 58         | 12.6%         | 73.3        | 14        | 15.1%         | 17.6       |
| 40-44                           | 42         | 7.6%          | 26.3        | 37         | 8.0%          | 45.6        | 5         | 5.4%          | 6.4        |
| 45-54                           | 72         | 13.0%         | 24.2        | 59         | 12.8%         | 39.2        | 13        | 14.0%         | 8.8        |
| 55-64                           | 30         | 5.4%          | 11.7        | 26         | 5.6%          | 20.3        | 4         | 4.3%          | 3.1        |
| 65+                             | 6          | 1.1%          | 2.0         | 6          | 1.3%          | 4.4         | 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>554</b> | <b>100.0%</b> | <b>24.8</b> | <b>461</b> | <b>100.0%</b> | <b>41.3</b> | <b>93</b> | <b>100.0%</b> | <b>8.3</b> |

Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD\*MIS) and NEDSS Based System (NBS), data as of May 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 Clark County, Nevada 2018**

|                                 | Total      |               |             | Male       |               |             | Female    |               |            |
|---------------------------------|------------|---------------|-------------|------------|---------------|-------------|-----------|---------------|------------|
|                                 | N          | %*            | Rate        | n          | %*            | Rate        | n         | %*            | Rate       |
| <b>Race/Ethnicity</b>           |            |               |             |            |               |             |           |               |            |
| White, non-Hispanic             | 148        | 33.1%         | 14.8        | 131        | 33.2%         | 25.8        | 17        | 32.7%         | 3.5        |
| Black, non-Hispanic             | 123        | 27.5%         | 49.4        | 103        | 26.1%         | 83.1        | 20        | 38.5%         | 16.0       |
| Hispanic                        | 136        | 30.4%         | 19.0        | 126        | 31.9%         | 34.8        | 10        | 19.2%         | 2.8        |
| American Indian/Alaska Native   | 0          | 0.0%          | 0.0         | 0          | 0.0%          | 0.0         | 0         | 0.0%          | 0.0        |
| Asian/Hawaiian/Pacific Islander | 21         | 4.7%          | 8.3         | 18         | 4.6%          | 15.5        | 3         | 5.8%          | 2.2        |
| Unknown/Other                   | 19         | 4.3%          | N/A         | 17         | 4.3%          | N/A         | 2         | 3.8%          | N/A        |
| <b>Total</b>                    | <b>447</b> | <b>100.0%</b> | <b>20.0</b> | <b>395</b> | <b>100.0%</b> | <b>35.4</b> | <b>52</b> | <b>100.0%</b> | <b>4.7</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         | 2.2%          | 6.6         | 3          | 0.8%          | 3.9         | 7         | 13.5%         | 9.5        |
| 20-24                           | 46         | 10.3%         | 31.5        | 38         | 9.6%          | 50.6        | 8         | 15.4%         | 11.3       |
| 25-29                           | 79         | 17.7%         | 48.9        | 70         | 17.7%         | 85.2        | 9         | 17.3%         | 11.3       |
| 30-34                           | 71         | 15.9%         | 47.0        | 61         | 15.4%         | 79.0        | 10        | 19.2%         | 13.5       |
| 35-39                           | 77         | 17.2%         | 48.5        | 67         | 17.0%         | 84.6        | 10        | 19.2%         | 12.5       |
| 40-44                           | 43         | 9.6%          | 27.0        | 38         | 9.6%          | 46.9        | 5         | 9.6%          | 6.4        |
| 45-54                           | 90         | 20.1%         | 30.2        | 88         | 22.3%         | 58.4        | 2         | 3.8%          | 1.4        |
| 55-64                           | 29         | 6.5%          | 11.3        | 28         | 7.1%          | 21.9        | 1         | 1.9%          | 0.8        |
| 65+                             | 2          | 0.4%          | 0.7         | 2          | 0.5%          | 1.5         | 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>447</b> | <b>100.0%</b> | <b>20.0</b> | <b>395</b> | <b>100.0%</b> | <b>35.4</b> | <b>52</b> | <b>100.0%</b> | <b>4.7</b> |

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