

Idaho Reported Sexually Transmitted Disease 2017



IDAHO DEPARTMENT OF HEALTH & WELFARE
DIVISION OF PUBLIC HEALTH

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Methods

Data Sources

Chlamydia, gonorrhea, syphilis, HIV infection, and chancroid are sexually transmitted diseases (STDs) required to be reported to Idaho public health officials. Providers who diagnose these STDs and laboratories that detect pathogens that result in these STDs must report to public health districts or the Idaho Department of Health and Welfare Division of Public Health Epidemiology Program. Centers for Disease Control and Prevention (CDC) case definitions are used to classify cases:

<http://www.cdc.gov/nndss/conditions/>.

STD reports are required to include patient information, including sex, race, ethnicity, and address; diagnosis or laboratory result; and the diagnosing or ordering provider. This document summarizes reported cases of STD among Idaho residents.

Syphilis Categories

The category “early syphilis” represents syphilis that is recently acquired and includes cases meeting the definition of primary, secondary, or early latent syphilis. Cases of syphilis that meet the definitions of late latent syphilis, late syphilis with clinical manifestations (other than neurologic involvement), neurosyphilis (prior to 2005), and latent syphilis of unknown duration are categorized as “Syphilis, late/unk/neuro.” These infections are among patients with no evidence of recent syphilis infection who might have long-standing syphilis infection. Because these infections might occur in entirely different populations than infections associated with recent transmission, it is helpful to separate them.

Neurologic involvement meeting the neurosyphilis case definition can occur in any stage of syphilis – even early syphilis. For this reason, changes were made to Idaho’s data collection system that allowed for the collection of neurologic involvement independent of syphilis stage. Therefore, for syphilis case data after 2005, this report is more accurate for early and late stages of syphilis. Congenital syphilis infections are presented separately.

HIV Categories

Only HIV infection among residents of Idaho at first HIV diagnosis is summarized in this report. These data exclude reports of individuals who received a prior HIV infection diagnosis while residing outside of Idaho. The 2014 HIV infection case definition includes five categories: HIV Infection Stages 0-3 and Unknown, determined based on laboratory, immunologic, and clinical criteria. Acquired immunodeficiency syndrome (AIDS) is defined as HIV infection Stage 3. See the 2014 CDC case definition for more information: <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6303a1.htm>. This publication presents HIV infection as any stage rather than using categories. Nationwide HIV infection case de-duplication processes can result in identification of cases reported in Idaho that were previously reported from other jurisdictions. Data in this publication supersede data summarized in prior publications. For more detailed analysis of HIV infection in Idaho, consult the latest Epidemiologic Profile of HIV/AIDS in Idaho (<http://www.healthandwelfare.idaho.gov>).

Gender Categories

In an effort to better evaluate the impact of STD on persons in Idaho who are transgender, standardized data collection for STD since 2017 includes sex and gender identity fields. Where reported sex is different than reported gender identity, the case is classified by gender as “Transgender” in Table 1.

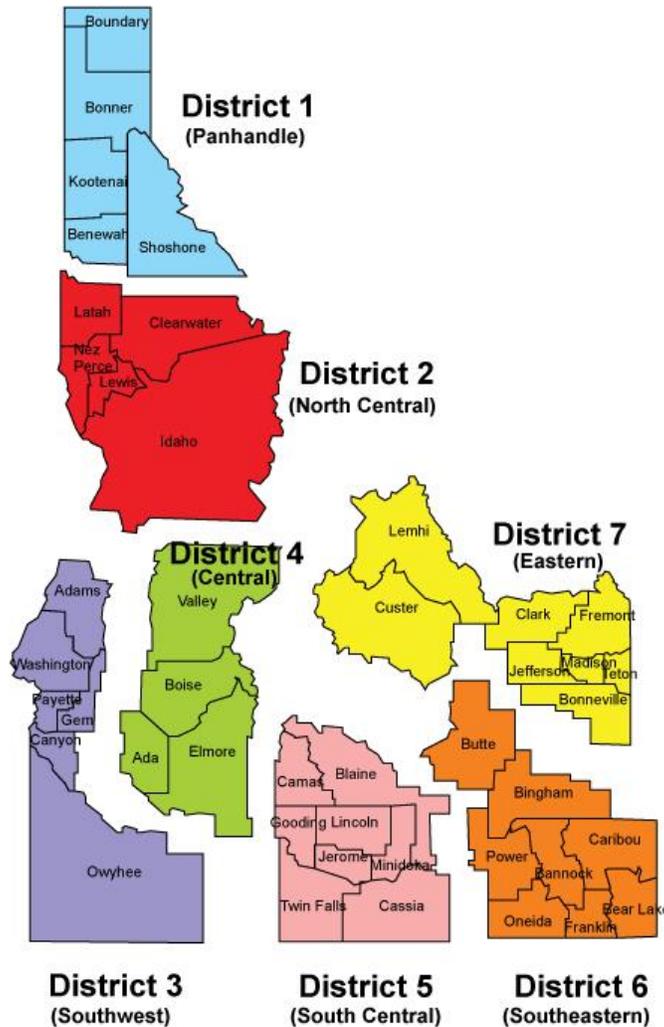
Race and Ethnicity Categories

Race is collected independent from ethnicity. A person with Hispanic ethnicity can be of any race. To simplify data presentation, STDs among individuals with Hispanic ethnicity are categorized as “Hispanic” in this report; non-Hispanic individuals are categorized by the race reported. Reports among non-Hispanic individuals reporting more than one race (n=314) and reports without race information (n=2,392) are categorized together as “Other/Unknown race.”

Geographic Categories

Data are presented in tables and figures by public health district or county of residence at diagnosis. In 1970, the Idaho legislature passed a Districting Law establishing seven Public Health Districts (PHD). Public health districts consist of contiguous counties to facilitate the availability of public health services by PHD agencies (Figure 1).

Figure 1. Idaho counties and public health districts



Analysis

All data analysis was completed using SAS® and Microsoft® Excel® software. Because there were very few STD cases (n=3) with reported transgender identity during 2017, separate transgender analysis was not conducted for this publication. Incidence rates in this report were calculated per 100,000 population in the geographic area specified based on population estimates published by the U.S. Census Bureau. For incidence rate calculations, this report uses “Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016” (release date March 2017) as the source for population denominators: <https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmk>. Incidence rates were not age-adjusted.

Disease Incidence Trends

Figure 2. Chlamydia by year of report—Idaho, 1998–2017

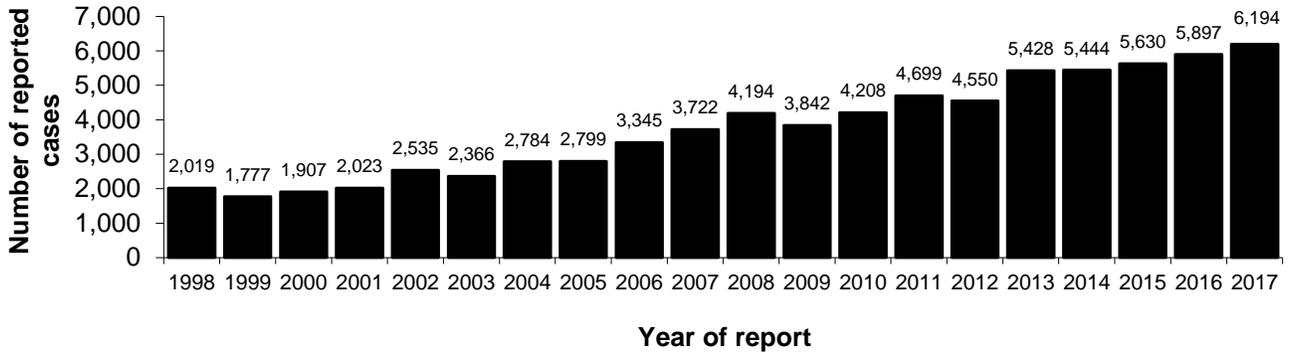


Figure 3. Gonorrhea by year of report—Idaho, 1998–2017

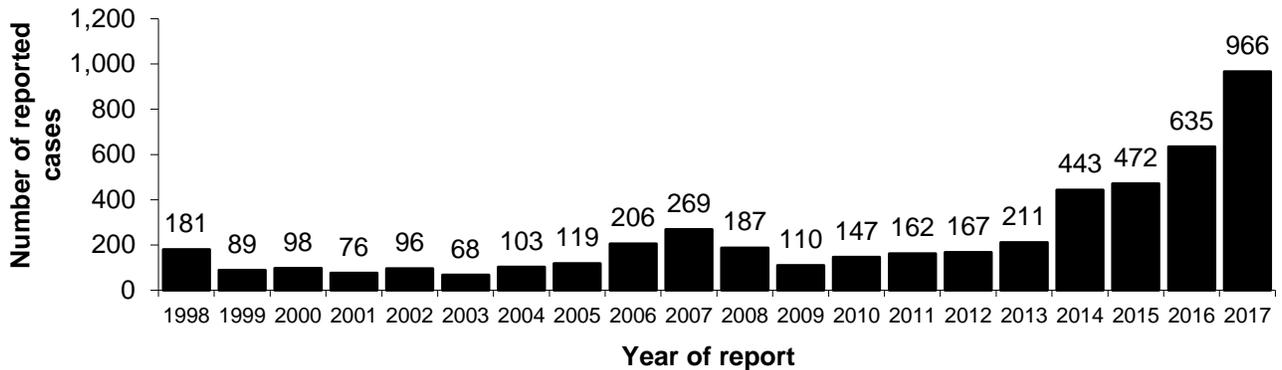
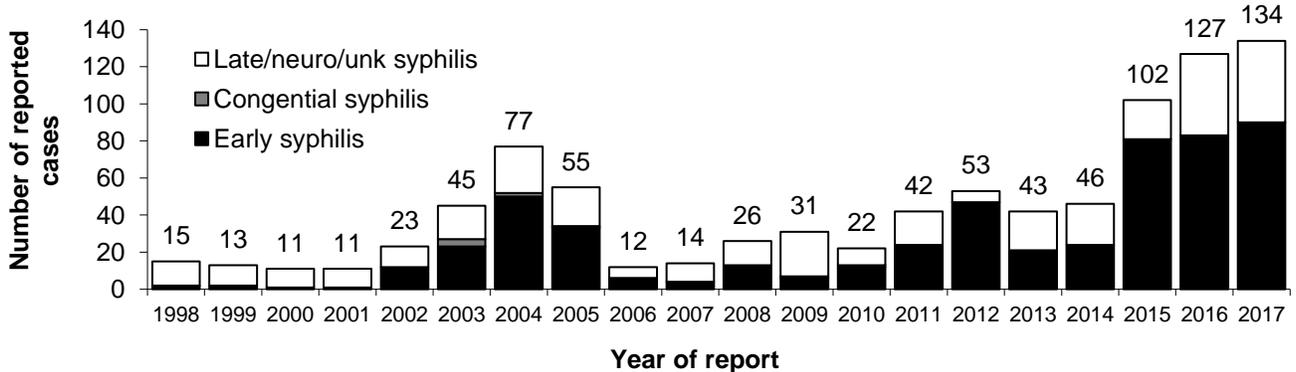
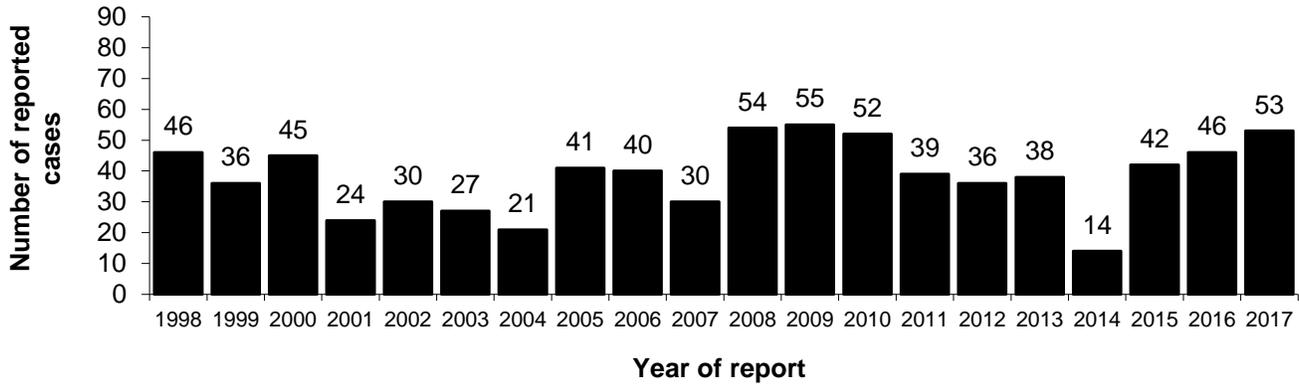


Figure 4. Syphilis by category¹ and year of report—Idaho, 1998–2017



¹-See Methods section for an explanation of syphilis categories.

Figure 5. HIV infection by year of report—Idaho, 1998–2017¹



1. Among residents of Idaho at first HIV diagnosis, including concurrent HIV Infection Stage 3 (AIDS) diagnosis. This graph presents data by year of report, not year of diagnosis. For a more detailed summary of HIV infection trends by year of diagnosis, see the latest Idaho HIV/AIDS Epidemiologic Profile at: www.healthandwelfare.idaho.gov.

Statewide Disease Incidence

Table 1. Sexually Transmitted Disease (STD) and HIV infection—Idaho, 2017

| Infection or disease | Gender | | | | TOTAL |
|---------------------------|--------------|--------------|--------------|-----------|--------------|
| | Male | Female | Trans-gender | Unknown | |
| Chancroid | 0 | 0 | 0 | 0 | 0 |
| Chlamydia | 1,983 | 4,198 | 1 | 12 | 6,194 |
| Gonorrhea | 610 | 355 | 0 | 1 | 966 |
| Syphilis, early | 69 | 19 | 2 | 0 | 90 |
| Syphilis, late/unlk/neuro | 31 | 13 | 0 | 0 | 44 |
| Syphilis, congenital | 0 | 0 | 0 | 0 | 0 |
| HIV infection | 46 | 7 | 0 | 0 | 53 |
| TOTAL | 2,739 | 4,592 | 3 | 13 | 7,347 |

Table 2. STD and HIV infection by Public Health District of residence—Idaho, 2017

| Infection or disease | Public Health District | | | | | | | TOTAL |
|---------------------------|------------------------|------------|--------------|--------------|------------|------------|------------|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| Chancroid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chlamydia | 803 | 347 | 1,145 | 2,201 | 737 | 494 | 467 | 6,194 |
| Gonorrhea | 109 | 98 | 170 | 343 | 52 | 115 | 79 | 966 |
| Syphilis, early | 14 | 6 | 14 | 41 | 3 | 5 | 7 | 90 |
| Syphilis, late/unlk/neuro | 9 | 2 | 4 | 19 | 4 | 3 | 3 | 44 |
| Syphilis, congenital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIV infection | 16 | 0 | 10 | 19 | 5 | 1 | 2 | 53 |
| TOTAL | 951 | 453 | 1,343 | 2,623 | 801 | 618 | 558 | 7,347 |

Chlamydia

Table 3. Chlamydia by sex, race/ethnicity, and age group—Idaho, 2017

| Age at Diagnosis | Sex | | | | | | | | | | | | | | | | Total Cases ² | Percent of Total ¹ | | |
|------------------|-------------------------------|----------|-----------|----------------------------------|------------|---------------------|---------------|--------------|-------------------------------|-------------------------------|-----------|-----------|----------------------------------|--------------|---------------------|---------------|--------------------------|-------------------------------|---------------|---------------------------------|
| | Male | | | | | | | | Female | | | | | | | | | | | |
| | Race/ethnicity | | | | | | | Total Males | Percent of Males ¹ | Race/ethnicity | | | | | | | | | Total Females | Percent of Females ¹ |
| | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | | |
| 0-4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% | 1 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 1 | 0% |
| 10-14 yrs | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0% | 1 | 0 | 0 | 0 | 20 | 4 | 4 | 29 | 1% | 32 | 1% |
| 15-19 yrs | 4 | 0 | 9 | 0 | 160 | 50 | 154 | 377 | 19% | 23 | 7 | 12 | 3 | 696 | 172 | 534 | 1,447 | 34% | 1,828 | 30% |
| 20-24 yrs | 5 | 4 | 26 | 0 | 307 | 79 | 293 | 714 | 36% | 30 | 6 | 17 | 1 | 709 | 204 | 570 | 1,537 | 37% | 2,255 | 36% |
| 25-29 yrs | 8 | 3 | 6 | 1 | 172 | 48 | 169 | 407 | 21% | 6 | 3 | 5 | 1 | 298 | 87 | 245 | 645 | 15% | 1,053 | 17% |
| 30-34 yrs | 2 | 0 | 2 | 1 | 97 | 23 | 93 | 218 | 11% | 12 | 3 | 1 | 2 | 118 | 41 | 105 | 282 | 7% | 500 | 8% |
| 35-39 yrs | 3 | 1 | 1 | 0 | 62 | 6 | 58 | 131 | 7% | 6 | 3 | 1 | 0 | 58 | 16 | 55 | 139 | 3% | 271 | 4% |
| 40-44 yrs | 0 | 0 | 1 | 0 | 30 | 1 | 22 | 54 | 3% | 0 | 0 | 0 | 0 | 26 | 10 | 27 | 63 | 2% | 118 | 2% |
| 45-54 yrs | 1 | 0 | 0 | 0 | 33 | 5 | 22 | 61 | 3% | 1 | 1 | 0 | 0 | 16 | 3 | 24 | 45 | 1% | 107 | 2% |
| 55-64 yrs | 0 | 0 | 0 | 0 | 6 | 1 | 4 | 11 | 1% | 1 | 0 | 0 | 0 | 3 | 0 | 2 | 6 | 0% | 17 | 0% |
| 65+ yrs | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 6 | 0% | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 3 | 0% | 9 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% | 2 | 0% |
| TOTAL | 23 | 8 | 45 | 2 | 872 | 214 | 819 | 1,983 | 101% | 80 | 23 | 36 | 7 | 1,945 | 537 | 1,570 | 4,198 | 100% | 6,194 | 100% |

| Total race/ethnicity | Number ² | Percent ¹ |
|--|---------------------|----------------------|
| American Indian/Alaska Native | 103 | 2% |
| Asian | 31 | 1% |
| Black | 81 | 1% |
| Native Hawaiian/Other Pacific Islander | 9 | 0% |
| White | 2,825 | 46% |
| Hispanic (any race) | 753 | 12% |
| Other/Unknown | 2,392 | 39% |
| TOTAL | 6,194 | 101% |

1-Total may not equal 100% because of rounding.

2-Total includes twelve cases with reported unknown sex and one case with reported transgender not classified by sex.

Note: Cases in the 0-4 year age group are Ophthalmia Neonatorum, chlamydial infection of the infant conjunctiva, which occurs during some births from mothers with genital chlamydia infection.

Gonorrhea

Table 4. Gonorrhea by sex, race/ethnicity, and age group—Idaho, 2017

| Age at Diagnosis | Sex | | | | | | | | | | | | | | | | Total Cases ² | Percent of Total ¹ | | |
|------------------|-------------------------------|----------|-----------|----------------------------------|------------|---------------------|---------------|-------------|-------------------------------|-------------------------------|----------|----------|----------------------------------|------------|---------------------|---------------|--------------------------|-------------------------------|---------------|---------------------------------|
| | Male | | | | | | | | Female | | | | | | | | | | | |
| | Race/ethnicity | | | | | | | Total Males | Percent of Males ¹ | Race/ethnicity | | | | | | | | | Total Females | Percent of Females ¹ |
| | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | | |
| 0-4 yrs | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0% | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0% | 3 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 10-14 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 3 | 1% | 3 | 0% |
| 15-19 yrs | 2 | 0 | 1 | 0 | 18 | 10 | 21 | 52 | 9% | 1 | 0 | 1 | 0 | 27 | 8 | 14 | 51 | 14% | 103 | 11% |
| 20-24 yrs | 6 | 0 | 7 | 1 | 75 | 26 | 50 | 165 | 27% | 5 | 0 | 1 | 1 | 51 | 8 | 21 | 87 | 25% | 252 | 26% |
| 25-29 yrs | 2 | 1 | 2 | 1 | 61 | 10 | 47 | 124 | 20% | 5 | 0 | 0 | 0 | 35 | 7 | 22 | 69 | 19% | 193 | 20% |
| 30-34 yrs | 2 | 0 | 3 | 0 | 45 | 13 | 29 | 92 | 15% | 5 | 0 | 0 | 0 | 22 | 5 | 16 | 48 | 14% | 140 | 14% |
| 35-39 yrs | 3 | 1 | 0 | 0 | 52 | 5 | 18 | 79 | 13% | 3 | 0 | 1 | 0 | 28 | 5 | 9 | 46 | 13% | 125 | 13% |
| 40-44 yrs | 2 | 0 | 2 | 0 | 16 | 4 | 12 | 36 | 6% | 1 | 0 | 0 | 0 | 17 | 0 | 3 | 21 | 6% | 57 | 6% |
| 45-54 yrs | 0 | 0 | 0 | 0 | 24 | 3 | 15 | 42 | 7% | 0 | 0 | 0 | 0 | 19 | 0 | 6 | 25 | 7% | 68 | 7% |
| 55-64 yrs | 1 | 0 | 0 | 0 | 9 | 0 | 5 | 15 | 2% | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 1% | 17 | 2% |
| 65+ yrs | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0% | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1% | 4 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 1 | 0% |
| TOTAL | 18 | 2 | 15 | 2 | 303 | 71 | 199 | 610 | 99% | 22 | 0 | 3 | 1 | 203 | 33 | 93 | 355 | 101% | 966 | 99% |

| Total race/ethnicity | Number ² | Percent ¹ |
|--|---------------------|----------------------|
| American Indian/Alaska Native | 40 | 4% |
| Asian | 2 | 0% |
| Black | 18 | 2% |
| Native Hawaiian/Other Pacific Islander | 3 | 0% |
| White | 507 | 52% |
| Hispanic (any race) | 104 | 11% |
| Other/Unknown | 292 | 30% |
| TOTAL | 966 | 99% |

1-Total may not equal 100% because of rounding.

2-Total includes one case reported with unknown sex.

Syphilis

Table 5. Early syphilis¹ (<1 yr duration) by sex, race/ethnicity, and age group—Idaho, 2017

| Age at Diagnosis | Sex | | | | | | | | | | | | | | | | Total Cases ³ | Percent of Total ² | | | |
|------------------|-------------------------------|----------|----------|----------------------------------|-----------|---------------------|---------------|-------------|-------------------------------|-------------------------------|----------|----------|----------------------------------|-----------|---------------------|---------------|--------------------------|-------------------------------|---------------|---------------------------------|----|
| | Male | | | | | | | | Female | | | | | | | | | | | | |
| | Race/ethnicity | | | | | | | Total Males | Percent of Males ² | Race/ethnicity | | | | | | | | | Total Females | Percent of Females ² | |
| | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | | | |
| 0-4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 10-14 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 15-19 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 3% | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 16% | 5 | 6% | |
| 20-24 yrs | 1 | 0 | 0 | 0 | 6 | 7 | 5 | 19 | 28% | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 6 | 32% | 26 | 29% | |
| 25-29 yrs | 0 | 0 | 1 | 0 | 9 | 2 | 2 | 14 | 20% | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 4 | 21% | 19 | 21% | |
| 30-34 yrs | 0 | 1 | 0 | 0 | 9 | 3 | 0 | 13 | 19% | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 16% | 16 | 18% | |
| 35-39 yrs | 0 | 0 | 0 | 0 | 6 | 2 | 2 | 10 | 14% | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 16% | 13 | 14% | |
| 40-44 yrs | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 4 | 6% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 4 | 4% | |
| 45-54 yrs | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 6% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 4 | 4% | |
| 55-64 yrs | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 4% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 3 | 3% | |
| 65+ yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% | |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% | |
| TOTAL | 1 | 1 | 1 | 0 | 38 | 17 | 11 | 69 | 100% | 0 | 0 | 0 | 0 | 14 | 3 | 2 | 19 | 101% | 90 | 99% | |

| Total race/ethnicity | Number ³ | Percent ² |
|--|---------------------|----------------------|
| American Indian/Alaska Native | 1 | 1% |
| Asian | 1 | 1% |
| Black | 1 | 1% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% |
| White | 53 | 59% |
| Hispanic (any race) | 21 | 23% |
| Other/Unknown | 13 | 14% |
| TOTAL | 90 | 99% |

1-Early syphilis includes primary, secondary, and early latent stages.
 2-Total may not equal 100% because of rounding.
 3-Total includes two cases with reported transgender not categorized by sex .

Table 6. Syphilis (all stages) by sex, race/ethnicity, and age group—Idaho, 2017

| Age at Diagnosis | Sex | | | | | | | | | | | | | | | | Total Cases ² | Percent of Total ¹ | | | |
|------------------|-------------------------------|----------|----------|----------------------------------|-----------|---------------------|---------------|-------------|-------------------------------|-------------------------------|----------|----------|----------------------------------|-----------|---------------------|---------------|--------------------------|-------------------------------|---------------|---------------------------------|----|
| | Male | | | | | | | | Female | | | | | | | | | | | | |
| | Race/ethnicity | | | | | | | Total Males | Percent of Males ¹ | Race/ethnicity | | | | | | | | | Total Females | Percent of Females ¹ | |
| | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | | | |
| 0-4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 10-14 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 15-19 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2% | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 4 | 13% | 6 | 4% | |
| 20-24 yrs | 1 | 0 | 0 | 0 | 7 | 9 | 6 | 23 | 23% | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 7 | 22% | 31 | 23% | |
| 25-29 yrs | 1 | 0 | 2 | 0 | 12 | 2 | 2 | 19 | 19% | 0 | 0 | 0 | 0 | 4 | 1 | 0 | 5 | 16% | 25 | 19% | |
| 30-34 yrs | 0 | 1 | 0 | 0 | 12 | 4 | 0 | 17 | 17% | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 6 | 19% | 23 | 17% | |
| 35-39 yrs | 0 | 0 | 0 | 0 | 8 | 2 | 3 | 13 | 13% | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 3 | 9% | 16 | 12% | |
| 40-44 yrs | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 6 | 6% | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 3% | 7 | 5% | |
| 45-54 yrs | 0 | 0 | 0 | 0 | 10 | 2 | 0 | 12 | 12% | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 6% | 14 | 10% | |
| 55-64 yrs | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 5 | 5% | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 6% | 7 | 5% | |
| 65+ yrs | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 3 | 3% | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 6% | 5 | 4% | |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% | |
| TOTAL | 2 | 1 | 2 | 0 | 57 | 22 | 16 | 100 | 100% | 0 | 0 | 1 | 2 | 19 | 7 | 3 | 32 | 100% | 134 | 99% | |

| Total race/ethnicity | Number ² | Percent ¹ |
|--|---------------------|----------------------|
| American Indian/Alaska Native | 2 | 1% |
| Asian | 1 | 1% |
| Black | 3 | 2% |
| Native Hawaiian/Other Pacific Islander | 2 | 1% |
| White | 77 | 57% |
| Hispanic (any race) | 30 | 22% |
| Other/Unknown | 19 | 14% |
| TOTAL | 134 | 98% |

1-Total may not equal 100% because of rounding.

2-Total includes two cases with reported transgender not categorized by sex.

HIV infection¹

Table 7. HIV infection by sex, race/ethnicity, and age group—Idaho, 2017

| Age at Diagnosis | Sex | | | | | | | | | | | | | | | | Total Cases | Percent of Total ² | | |
|------------------|-------------------------------|----------|----------|----------------------------------|-----------|---------------------|---------------|-------------|-------------------------------|-------------------------------|----------|----------|----------------------------------|----------|---------------------|---------------|-------------|-------------------------------|---------------|---------------------------------|
| | Male | | | | | | | | Female | | | | | | | | | | | |
| | Race/ethnicity | | | | | | | Total Males | Percent of Males ² | Race/ethnicity | | | | | | | | | Total Females | Percent of Females ² |
| | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | American Indian/Alaska Native | Asian | Black | Native Hawaiian/Pacific Islander | White | Hispanic (any race) | Other/Unknown | | | | |
| 0-4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 14% | 1 | 2% |
| 10-14 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 15-19 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| 20-24 yrs | 0 | 0 | 1 | 0 | 8 | 1 | 0 | 10 | 22% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 10 | 19% |
| 25-29 yrs | 0 | 0 | 1 | 0 | 8 | 2 | 1 | 12 | 26% | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 29% | 14 | 26% |
| 30-34 yrs | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 9% | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 29% | 6 | 11% |
| 35-39 yrs | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 7% | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 14% | 4 | 8% |
| 40-44 yrs | 0 | 0 | 0 | 0 | 2 | 1 | 1 | 4 | 9% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 4 | 8% |
| 45-54 yrs | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 6 | 13% | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 14% | 7 | 13% |
| 55-64 yrs | 1 | 0 | 1 | 0 | 3 | 2 | 0 | 7 | 15% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 7 | 13% |
| 65+ yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% | 0 | 0% |
| TOTAL | 1 | 0 | 3 | 0 | 32 | 7 | 3 | 46 | 101% | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 7 | 100% | 53 | 100% |

| Total race/ethnicity | Number | Percent ² |
|--|-----------|----------------------|
| American Indian/Alaska Native | 1 | 2% |
| Asian | 0 | 0% |
| Black | 5 | 9% |
| Native Hawaiian/Other Pacific Islander | 0 | 0% |
| White | 37 | 70% |
| Hispanic (any race) | 7 | 13% |
| Other/Unknown | 3 | 6% |
| TOTAL | 53 | 100% |

1-Includes concurrent HIV Stage 3 (AIDS) diagnosis. See the Methods section for an explanation of the HIV case definition, including HIV Stage 3.

2-Total may not equal 100% because of rounding.

Public Health District Disease Incidence

Public Health District 1 (Panhandle)

Table 8. STD and HIV infection by age group, Public Health District 1, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent |
|------------------------|----------------------|------------|----------------|---------------------------|---------------------|---------------|------------|-------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0-4 yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| 5-9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 10-14 yrs | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0% |
| 15-19 yrs | 268 | 14 | 1 | 0 | 0 | 0 | 283 | 30% |
| 20-24 yrs | 251 | 33 | 5 | 1 | 0 | 4 | 294 | 31% |
| 25-29 yrs | 149 | 17 | 3 | 0 | 0 | 2 | 171 | 18% |
| 30-34 yrs | 64 | 10 | 3 | 3 | 0 | 3 | 83 | 9% |
| 35-39 yrs | 35 | 12 | 1 | 0 | 0 | 2 | 50 | 5% |
| 40-44 yrs | 14 | 9 | 1 | 0 | 0 | 3 | 27 | 3% |
| 45-54 yrs | 16 | 13 | 0 | 0 | 0 | 1 | 30 | 3% |
| 55-64 yrs | 2 | 0 | 0 | 2 | 0 | 1 | 5 | 1% |
| 65+ yrs | 0 | 1 | 0 | 3 | 0 | 0 | 4 | 0% |
| Unknown | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| TOTAL | 803 | 109 | 14 | 9 | 0 | 16 | 951 | 100% |

Table 9. STD and HIV infection by year of report, Public Health District 1, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 608 | 39 | 1 | 0 | 0 | 3 |
| 2009 | 604 | 22 | 0 | 1 | 0 | 5 |
| 2010 | 628 | 13 | 0 | 1 | 0 | 5 |
| 2011 | 639 | 14 | 3 | 1 | 0 | 1 |
| 2012 | 608 | 17 | 3 | 0 | 0 | 4 |
| 2013 | 764 | 32 | 0 | 3 | 0 | 0 |
| 2014 | 775 | 39 | 2 | 1 | 0 | 2 |
| 2015 | 675 | 55 | 2 | 2 | 0 | 3 |
| 2016 | 655 | 50 | 9 | 8 | 0 | 6 |
| 2017 | 803 | 109 | 14 | 9 | 0 | 16 |

Public Health District 2 (North Central)

Table 10. STD and HIV infection by age group, Public Health District 2, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent ¹ |
|------------------------|----------------------|-----------|----------------|---------------------------|---------------------|---------------|------------|----------------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 5- 9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 10-14 yrs | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0% |
| 15-19 yrs | 101 | 8 | 0 | 0 | 0 | 0 | 109 | 24% |
| 20-24 yrs | 147 | 23 | 1 | 0 | 0 | 0 | 171 | 38% |
| 25-29 yrs | 56 | 21 | 2 | 0 | 0 | 0 | 79 | 17% |
| 30-34 yrs | 19 | 18 | 1 | 1 | 0 | 0 | 39 | 9% |
| 35-39 yrs | 12 | 14 | 1 | 0 | 0 | 0 | 27 | 6% |
| 40-44 yrs | 5 | 6 | 0 | 0 | 0 | 0 | 11 | 2% |
| 45-54 yrs | 3 | 5 | 1 | 1 | 0 | 0 | 10 | 2% |
| 55-64 yrs | 1 | 2 | 0 | 0 | 0 | 0 | 3 | 1% |
| 65+ yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| Unknown | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0% |
| TOTAL | 347 | 98 | 6 | 2 | 0 | 0 | 453 | 99% |

1-Total may not equal 100% because of rounding

Table 11. STD and HIV infection by year of report, Public Health District 2, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 261 | 20 | 1 | 0 | 0 | 3 |
| 2009 | 271 | 7 | 0 | 2 | 0 | 5 |
| 2010 | 312 | 24 | 0 | 0 | 0 | 5 |
| 2011 | 305 | 27 | 1 | 1 | 0 | 0 |
| 2012 | 299 | 17 | 2 | 0 | 0 | 5 |
| 2013 | 369 | 15 | 0 | 0 | 0 | 0 |
| 2014 | 413 | 23 | 0 | 1 | 0 | 0 |
| 2015 | 465 | 29 | 1 | 0 | 0 | 1 |
| 2016 | 383 | 59 | 1 | 2 | 0 | 1 |
| 2017 | 347 | 98 | 6 | 2 | 0 | 0 |

Public Health District 3 (Southwest)

Table 12. STD and HIV infection by age group, Public Health District 3, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent ¹ |
|------------------------|----------------------|------------|----------------|---------------------------|---------------------|---------------|--------------|----------------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 5- 9 yrs | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0% |
| 10-14 yrs | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 0% |
| 15-19 yrs | 363 | 18 | 1 | 1 | 0 | 0 | 383 | 29% |
| 20-24 yrs | 407 | 47 | 6 | 1 | 0 | 1 | 462 | 34% |
| 25-29 yrs | 189 | 30 | 4 | 0 | 0 | 1 | 224 | 17% |
| 30-34 yrs | 95 | 20 | 1 | 2 | 0 | 0 | 118 | 9% |
| 35-39 yrs | 49 | 29 | 1 | 0 | 0 | 1 | 80 | 6% |
| 40-44 yrs | 21 | 10 | 1 | 0 | 0 | 0 | 32 | 2% |
| 45-54 yrs | 14 | 15 | 0 | 0 | 0 | 3 | 32 | 2% |
| 55-64 yrs | 2 | 0 | 0 | 0 | 0 | 3 | 5 | 0% |
| 65+ yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| TOTAL | 1,145 | 170 | 14 | 4 | 0 | 10 | 1,343 | 99% |

1-Total may not equal 100% because of rounding

Table 13. STD and HIV infection by year of report, Public Health District 3, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 787 | 30 | 2 | 1 | 0 | 7 |
| 2009 | 814 | 20 | 1 | 6 | 1 | 5 |
| 2010 | 815 | 34 | 4 | 2 | 1 | 8 |
| 2011 | 900 | 18 | 5 | 4 | 0 | 4 |
| 2012 | 845 | 24 | 6 | 2 | 0 | 6 |
| 2013 | 1,103 | 28 | 7 | 3 | 1 | 7 |
| 2014 | 1,112 | 67 | 1 | 2 | 0 | 4 |
| 2015 | 1,123 | 84 | 18 | 0 | 0 | 4 |
| 2016 | 1,072 | 43 | 14 | 2 | 0 | 5 |
| 2017 | 1,145 | 170 | 14 | 4 | 0 | 10 |



Public Health District 4 (Central)

Table 14. STD and HIV infection by age group, Public Health District 4, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent ¹ |
|------------------------|----------------------|------------|----------------|---------------------------|---------------------|---------------|--------------|----------------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0% |
| 5- 9 yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| 10-14 yrs | 8 | 2 | 0 | 0 | 0 | 0 | 10 | 0% |
| 15-19 yrs | 586 | 40 | 3 | 0 | 0 | 0 | 629 | 24% |
| 20-24 yrs | 836 | 72 | 12 | 3 | 0 | 4 | 927 | 35% |
| 25-29 yrs | 354 | 76 | 7 | 6 | 0 | 8 | 451 | 17% |
| 30-34 yrs | 184 | 58 | 9 | 0 | 0 | 1 | 252 | 10% |
| 35-39 yrs | 118 | 43 | 5 | 3 | 0 | 1 | 170 | 6% |
| 40-44 yrs | 48 | 19 | 1 | 1 | 0 | 1 | 70 | 3% |
| 45-54 yrs | 52 | 19 | 3 | 5 | 0 | 3 | 82 | 3% |
| 55-64 yrs | 10 | 11 | 1 | 0 | 0 | 1 | 23 | 1% |
| 65+ yrs | 4 | 1 | 0 | 1 | 0 | 0 | 6 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| TOTAL | 2,201 | 343 | 41 | 19 | 0 | 19 | 2,623 | 99% |

1-Total may not equal 100% because of rounding

Table 15. STD and HIV infection by year of report, Public Health District 4, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 1,528 | 55 | 4 | 7 | 0 | 12 |
| 2009 | 1,221 | 30 | 3 | 12 | 0 | 22 |
| 2010 | 1,344 | 52 | 7 | 4 | 0 | 21 |
| 2011 | 1,632 | 68 | 11 | 7 | 0 | 30 |
| 2012 | 1,588 | 72 | 33 | 3 | 0 | 19 |
| 2013 | 1,799 | 97 | 8 | 8 | 0 | 23 |
| 2014 | 1,681 | 214 | 15 | 10 | 0 | 6 |
| 2015 | 1,787 | 206 | 46 | 13 | 0 | 21 |
| 2016 | 1,992 | 340 | 40 | 20 | 0 | 14 |
| 2017 | 2,201 | 343 | 41 | 19 | 0 | 19 |

Public Health District 5 (South Central)

Table 16. STD and HIV infection by age group, Public Health District 5, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent ¹ |
|------------------------|----------------------|-----------|----------------|---------------------------|---------------------|---------------|------------|----------------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 5- 9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 10-14 yrs | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 1% |
| 15-19 yrs | 235 | 13 | 0 | 0 | 0 | 0 | 248 | 31% |
| 20-24 yrs | 254 | 19 | 1 | 0 | 0 | 1 | 275 | 34% |
| 25-29 yrs | 136 | 7 | 0 | 0 | 0 | 3 | 146 | 18% |
| 30-34 yrs | 59 | 2 | 1 | 0 | 0 | 1 | 63 | 8% |
| 35-39 yrs | 22 | 6 | 1 | 0 | 0 | 0 | 29 | 4% |
| 40-44 yrs | 15 | 0 | 0 | 1 | 0 | 0 | 16 | 2% |
| 45-54 yrs | 10 | 3 | 0 | 2 | 0 | 0 | 15 | 2% |
| 55-64 yrs | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0% |
| 65+ yrs | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| TOTAL | 737 | 52 | 3 | 4 | 0 | 5 | 801 | 100% |

1-Total may not equal 100% because of rounding

Table 17. STD and HIV infection by year of report, Public Health District 5, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 461 | 14 | 3 | 0 | 0 | 4 |
| 2009 | 346 | 14 | 1 | 0 | 0 | 5 |
| 2010 | 406 | 8 | 0 | 0 | 0 | 2 |
| 2011 | 394 | 8 | 0 | 1 | 0 | 1 |
| 2012 | 405 | 16 | 0 | 0 | 0 | 2 |
| 2013 | 615 | 8 | 2 | 5 | 0 | 3 |
| 2014 | 667 | 53 | 1 | 2 | 0 | 1 |
| 2015 | 628 | 45 | 4 | 3 | 0 | 5 |
| 2016 | 694 | 74 | 6 | 4 | 0 | 13 |
| 2017 | 737 | 52 | 3 | 4 | 0 | 5 |

Public Health District 6 (Southeastern)

Table 18. STD and HIV infection by age group, Public Health District 6, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent |
|------------------------|----------------------|------------|----------------|---------------------------|---------------------|---------------|------------|-------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0% |
| 5- 9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 10-14 yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| 15-19 yrs | 110 | 8 | 0 | 0 | 0 | 0 | 118 | 19% |
| 20-24 yrs | 195 | 27 | 0 | 0 | 0 | 0 | 222 | 36% |
| 25-29 yrs | 99 | 22 | 1 | 0 | 0 | 0 | 122 | 20% |
| 30-34 yrs | 47 | 22 | 1 | 1 | 0 | 0 | 71 | 11% |
| 35-39 yrs | 24 | 15 | 2 | 0 | 0 | 0 | 41 | 7% |
| 40-44 yrs | 10 | 7 | 0 | 1 | 0 | 0 | 18 | 3% |
| 45-54 yrs | 4 | 9 | 0 | 1 | 0 | 0 | 14 | 2% |
| 55-64 yrs | 1 | 2 | 1 | 0 | 0 | 1 | 5 | 1% |
| 65+ yrs | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 1% |
| Unknown | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| TOTAL | 494 | 115 | 5 | 3 | 0 | 1 | 618 | 100% |

Table 19. STD and HIV infection by year of report, Public Health District 6, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 317 | 22 | 2 | 5 | 0 | 18 |
| 2009 | 348 | 10 | 1 | 1 | 0 | 8 |
| 2010 | 411 | 5 | 1 | 2 | 0 | 4 |
| 2011 | 501 | 9 | 3 | 0 | 0 | 3 |
| 2012 | 463 | 12 | 2 | 0 | 0 | 0 |
| 2013 | 478 | 20 | 1 | 2 | 0 | 1 |
| 2014 | 445 | 30 | 0 | 5 | 0 | 0 |
| 2015 | 537 | 21 | 6 | 2 | 0 | 6 |
| 2016 | 578 | 26 | 8 | 5 | 0 | 6 |
| 2017 | 494 | 115 | 5 | 3 | 0 | 1 |

Public Health District 7 (Eastern)

Table 20. STD and HIV infection by age group, Public Health District 7, 2017

| Age group at diagnosis | Infection or disease | | | | | | TOTAL | Percent ¹ |
|------------------------|----------------------|-----------|----------------|---------------------------|---------------------|---------------|------------|----------------------|
| | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection | | |
| 0- 4 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 5- 9 yrs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| 10-14 yrs | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 2% |
| 15-19 yrs | 165 | 2 | 0 | 0 | 0 | 0 | 167 | 30% |
| 20-24 yrs | 165 | 31 | 1 | 0 | 0 | 0 | 197 | 35% |
| 25-29 yrs | 70 | 20 | 2 | 0 | 0 | 0 | 92 | 16% |
| 30-34 yrs | 32 | 10 | 0 | 0 | 0 | 1 | 43 | 8% |
| 35-39 yrs | 11 | 6 | 2 | 0 | 0 | 0 | 19 | 3% |
| 40-44 yrs | 5 | 6 | 1 | 0 | 0 | 0 | 12 | 2% |
| 45-54 yrs | 8 | 4 | 0 | 1 | 0 | 0 | 13 | 2% |
| 55-64 yrs | 1 | 0 | 1 | 2 | 0 | 1 | 5 | 1% |
| 65+ yrs | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0% |
| Unknown | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0% |
| TOTAL | 467 | 79 | 7 | 3 | 0 | 2 | 558 | 99% |

1-Total may not equal 100% because of rounding

Table 21. STD and HIV infection by year of report, Public Health District 7, 2008–2017

| Year of report | Chlamydia | Gonorrhea | Early syphilis | Syphilis, Late/Unk/ Neuro | Congenital syphilis | HIV infection |
|----------------|-----------|-----------|----------------|---------------------------|---------------------|---------------|
| 2008 | 232 | 7 | 0 | 0 | 0 | 7 |
| 2009 | 238 | 7 | 0 | 2 | 0 | 5 |
| 2010 | 292 | 11 | 0 | 0 | 0 | 7 |
| 2011 | 328 | 18 | 1 | 4 | 0 | 0 |
| 2012 | 342 | 9 | 1 | 1 | 0 | 0 |
| 2013 | 300 | 11 | 2 | 0 | 0 | 4 |
| 2014 | 351 | 17 | 5 | 1 | 0 | 1 |
| 2015 | 415 | 32 | 4 | 1 | 0 | 2 |
| 2016 | 523 | 43 | 5 | 3 | 0 | 1 |
| 2017 | 467 | 79 | 7 | 3 | 0 | 2 |

Incidence Rates by County

Figure 6. Chlamydia incidence rate by county—Idaho, 2017

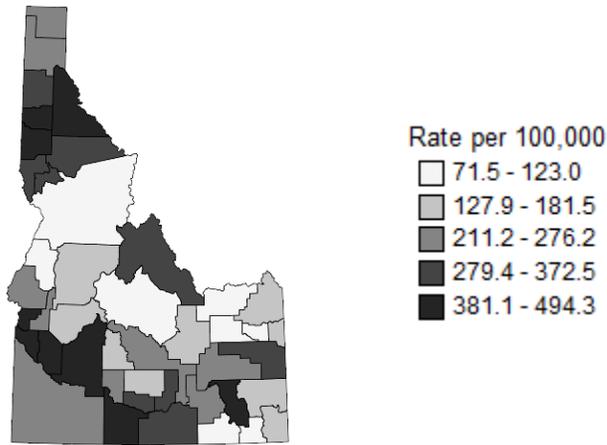


Figure 7. Gonorrhea incidence rate by county—Idaho, 2017

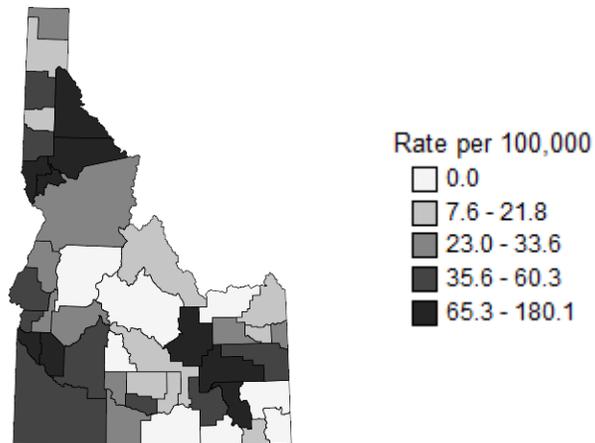


Figure 8. Early syphilis incidence rate by county—Idaho, 2017

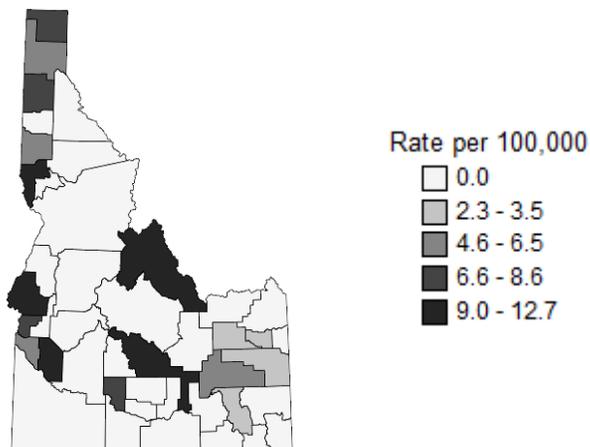




Table 22. Selected STD and HIV infection incidence and incidence rate* by county and Public Health District—Idaho, 2017

| PHD | County | Population | Chlamydia | | Gonorrhea | | Syphilis, early | | HIV Infection | |
|--|-------------------|------------------|--------------|--------------|------------|-------------|-----------------|------------|---------------|------------|
| | | | Cases | Rate | Cases | Rate | Cases | Rate | Cases | Rate |
| Public Health District 1 (Panhandle) | Benewah County | 9,184 | 35 | 381.1 | 2 | 21.8 | 0 | - | - | - |
| | Bonner County | 43,560 | 112 | 257.1 | 8 | 18.4 | 2 | 4.6 | - | - |
| | Boundary County | 11,922 | 27 | 226.5 | 4 | 33.6 | 1 | 8.4 | - | - |
| | Kootenai County | 157,637 | 567 | 359.7 | 83 | 52.7 | 11 | 7.0 | - | - |
| | Shoshone County | 12,542 | 62 | 494.3 | 12 | 95.7 | 0 | - | - | - |
| | Subtotal | 234,845 | 803 | 341.9 | 109 | 46.4 | 14 | 6.0 | 16 | 6.8 |
| Public Health District 2 (North Central) | Clearwater County | 8,546 | 25 | 292.5 | 9 | 105.3 | 0 | - | - | - |
| | Idaho County | 16,369 | 12 | 73.3 | 5 | 30.5 | 0 | - | - | - |
| | Latah County | 39,333 | 162 | 411.9 | 14 | 35.6 | 2 | 5.1 | - | - |
| | Lewis County | 3,887 | 11 | 283.0 | 7 | 180.1 | 0 | - | - | - |
| | Nez Perce County | 40,385 | 137 | 339.2 | 63 | 156.0 | 4 | 9.9 | - | - |
| | Subtotal | 108,520 | 347 | 319.8 | 98 | 90.3 | 6 | 5.5 | 0 | - |
| Public Health District 3 (Southwest) | Adams County | 4,147 | 3 | 72.3 | 1 | 24.1 | 0 | - | - | - |
| | Canyon County | 216,699 | 951 | 438.9 | 142 | 65.5 | 11 | 5.1 | - | - |
| | Gem County | 17,379 | 48 | 276.2 | 4 | 23.0 | 0 | - | - | - |
| | Owyhee County | 11,628 | 28 | 240.8 | 5 | 43.0 | 0 | - | - | - |
| | Payette County | 23,215 | 91 | 392.0 | 14 | 60.3 | 2 | 8.6 | - | - |
| | Washington County | 10,121 | 24 | 237.1 | 4 | 39.5 | 1 | 9.9 | - | - |
| | Subtotal | 283,189 | 1,145 | 404.3 | 170 | 60.0 | 14 | 4.9 | 10 | 3.5 |
| Public Health District 4 (Central) | Ada County | 456,849 | 2,050 | 448.7 | 328 | 71.8 | 41 | 9.0 | - | - |
| | Boise County | 7,290 | 12 | 164.6 | 2 | 27.4 | 0 | - | - | - |
| | Elmore County | 26,823 | 120 | 447.4 | 13 | 48.5 | 0 | - | - | - |
| | Valley County | 10,687 | 19 | 177.8 | 0 | - | 0 | - | - | - |
| | Subtotal | 501,649 | 2,201 | 438.8 | 343 | 68.4 | 41 | 8.2 | 19 | 3.8 |
| Public Health District 5 (South Central) | Blaine County | 22,024 | 57 | 258.8 | 2 | 9.1 | 2 | 9.1 | - | - |
| | Camas County | 1,102 | 2 | 181.5 | 0 | - | 0 | - | - | - |
| | Cassia County | 23,664 | 70 | 295.8 | 0 | - | 0 | - | - | - |
| | Gooding County | 15,124 | 37 | 244.6 | 5 | 33.1 | 1 | 6.6 | - | - |
| | Jerome County | 23,627 | 88 | 372.5 | 12 | 50.8 | 0 | - | - | - |
| | Lincoln County | 5,318 | 8 | 150.4 | 1 | 18.8 | 0 | - | - | - |
| | Minidoka County | 20,729 | 72 | 347.3 | 4 | 19.3 | 0 | - | - | - |
| Twin Falls County | 85,124 | 403 | 473.4 | 28 | 32.9 | 0 | - | - | - | |
| | Subtotal | 196,712 | 737 | 374.7 | 52 | 26.4 | 3 | 1.5 | 5 | 2.5 |
| Public Health District 6 (Southeastern) | Bannock County | 85,269 | 334 | 391.7 | 78 | 91.5 | 2 | 2.3 | - | - |
| | Bear Lake County | 6,028 | 10 | 165.9 | 0 | - | 0 | - | - | - |
| | Bingham County | 45,927 | 97 | 211.2 | 30 | 65.3 | 3 | 6.5 | - | - |
| | Butte County | 2,602 | 4 | 153.7 | 2 | 76.9 | 0 | - | - | - |
| | Caribou County | 7,034 | 9 | 127.9 | 0 | - | 0 | - | - | - |
| | Franklin County | 13,564 | 15 | 110.6 | 2 | 14.7 | 0 | - | - | - |
| | Oneida County | 4,427 | 5 | 112.9 | 0 | - | 0 | - | - | - |
| | Power County | 7,600 | 20 | 263.2 | 3 | 39.5 | 0 | - | 0 | - |
| | Subtotal | 172,451 | 494 | 286.5 | 115 | 66.7 | 5 | 2.9 | 1 | 0.6 |
| Public Health District 7 (Eastern) | Bonneville County | 114,595 | 341 | 297.6 | 60 | 52.4 | 4 | 3.5 | - | - |
| | Clark County | 873 | 1 | 114.5 | 0 | - | 0 | - | - | - |
| | Custer County | 4,172 | 4 | 95.9 | 0 | - | 0 | - | - | - |
| | Fremont County | 13,094 | 18 | 137.5 | 1 | 7.6 | 0 | - | - | - |
| | Jefferson County | 28,446 | 35 | 123.0 | 8 | 28.1 | 1 | 3.5 | - | - |
| | Lemhi County | 7,875 | 22 | 279.4 | 1 | 12.7 | 1 | 12.7 | - | - |
| | Madison County | 39,141 | 28 | 71.5 | 6 | 15.3 | 1 | 2.6 | - | - |
| Teton County | 11,381 | 18 | 158.2 | 3 | 26.4 | 0 | - | - | - | |
| | Subtotal | 219,577 | 467 | 212.7 | 79 | 36.0 | 7 | 3.2 | 2 | 0.9 |
| Idaho | | 1,716,943 | 6,194 | 360.8 | 966 | 56.3 | 90 | 5.2 | 53 | 3.1 |

*Per 100,000 population. Caution must be used when interpreting rates based on numerators of fewer than 20 cases. Such rates are considered unreliable because small changes in the numerator create proportionally large fluctuations in the calculated rates.