

Idaho Reported Sexually Transmitted Disease 2015

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Methods

Data Sources

Chlamydia, gonorrhea, syphilis, HIV infection, and chancroid are sexually transmitted diseases (STDs) required to be reported in Idaho. Providers who diagnose these STDs and laboratories that isolate 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://wwwn.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” used throughout this report 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, “neurologic involvement” has been categorized with late, late latent, or unknown duration syphilis for a more accurate representation of early 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, 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 does not display these distinct HIV infection stage categories; HIV infection is presented in this publication as HIV of any stage. 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 supersedes 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>).

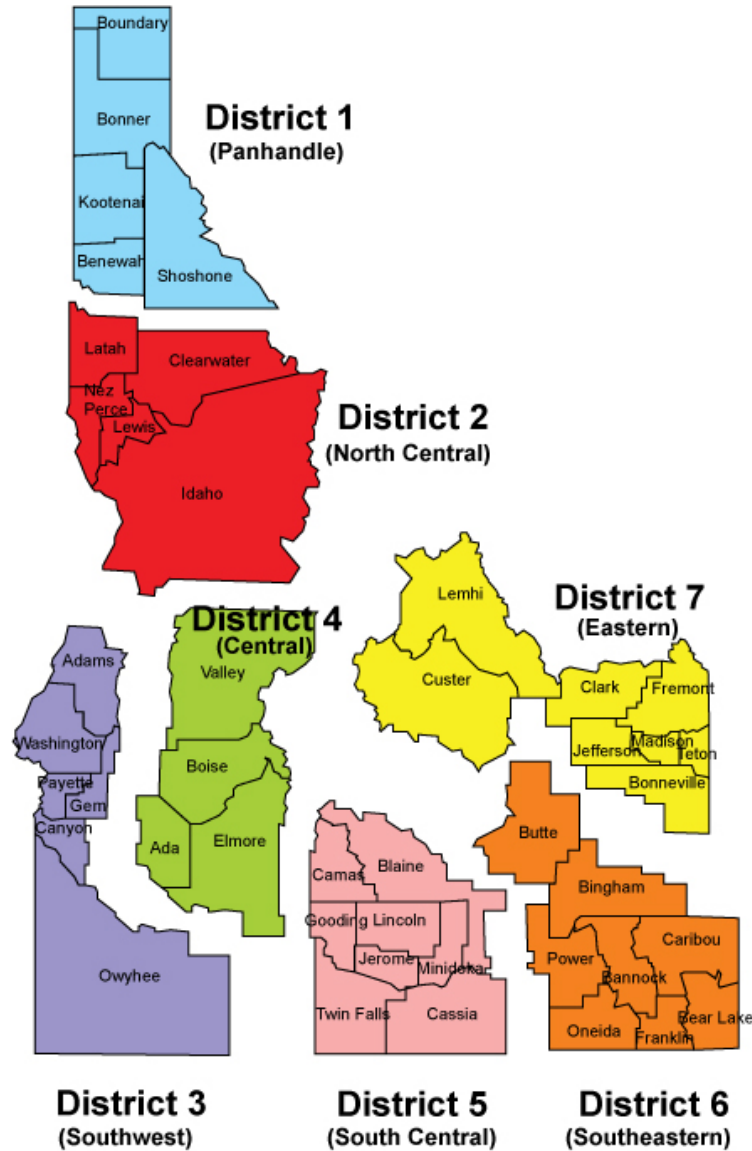
Race and Ethnicity Categories

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 individuals reporting more than one race (n=96) and reports without race information (n=2,158) 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. 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, 2015” (release date March 2016) as the source for population denominators: <http://www.census.gov/popest/data/counties/totals/2015/CO-EST2015-01.html>. Incidence rates were not age-adjusted.

Disease Incidence Trends

Figure 2. Chancroid by year of report—Idaho, 1996–2015

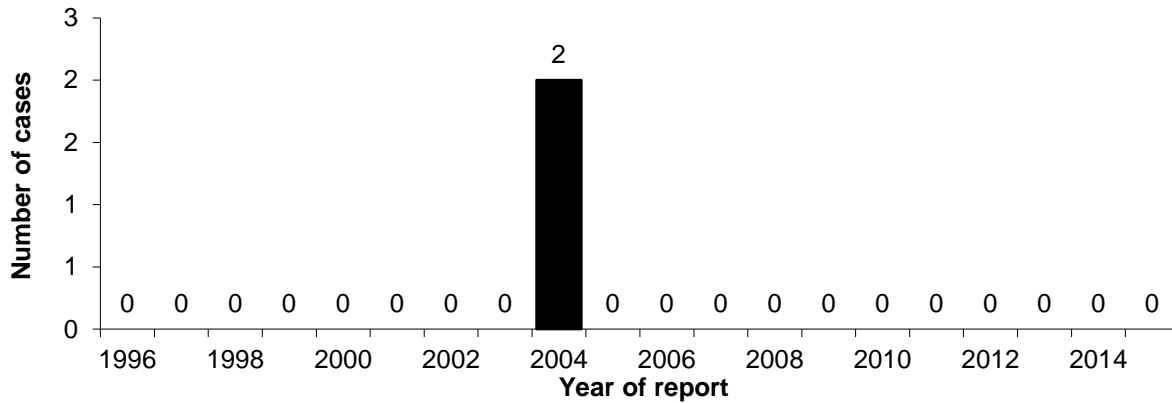


Figure 3. Chlamydia by year of report—Idaho, 1996–2015

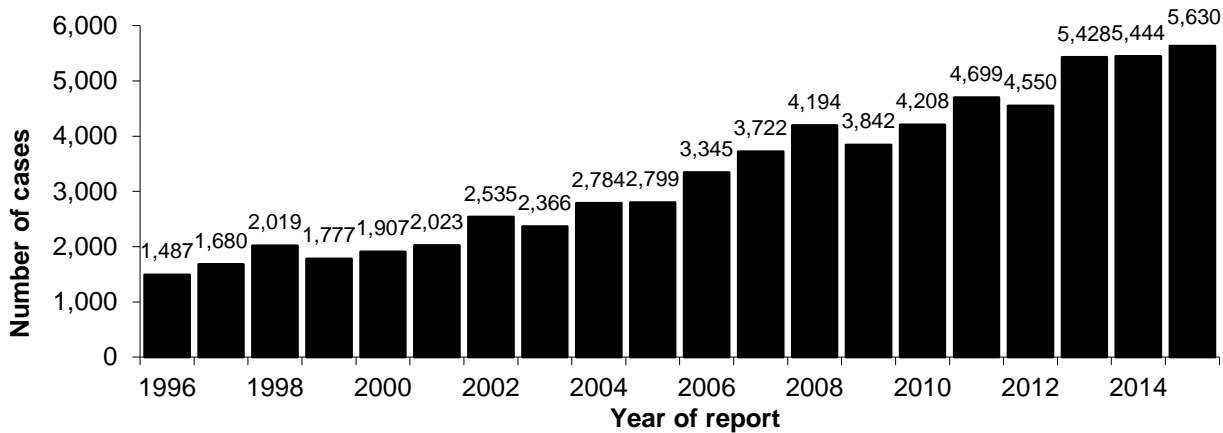


Figure 4. Gonorrhea by year of report—Idaho, 1996–2015

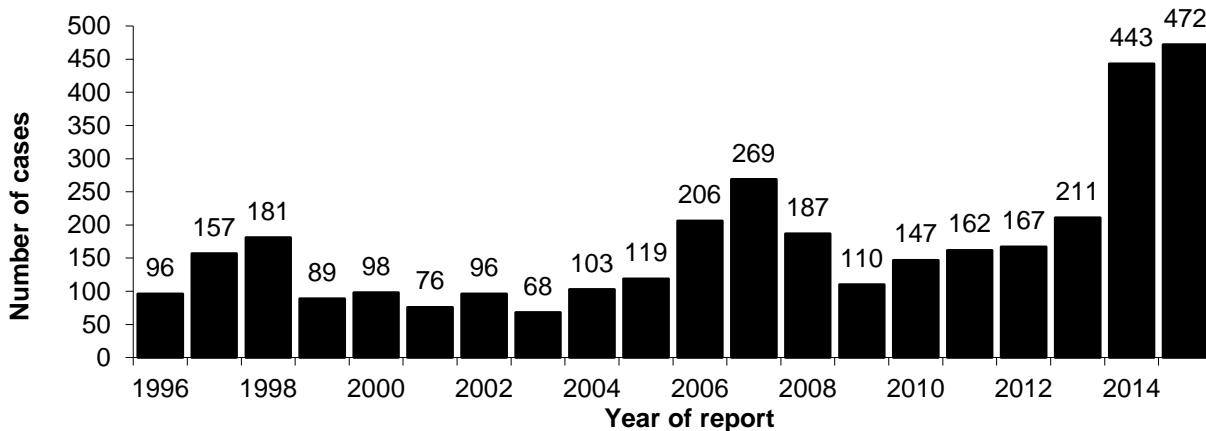
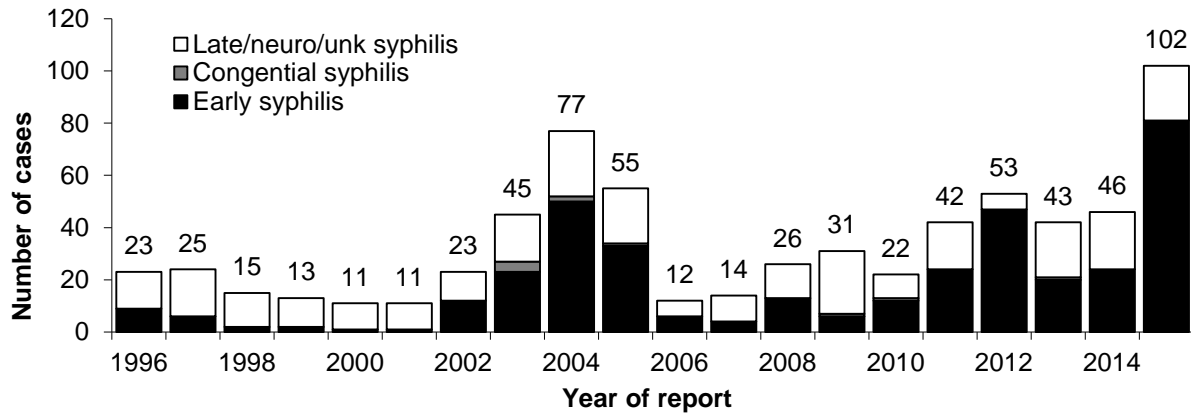
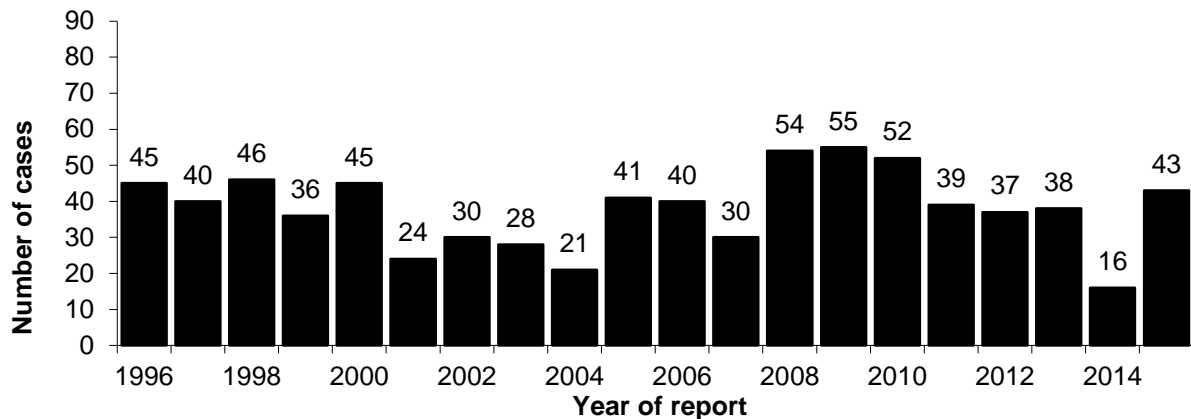


Figure 5. Syphilis by category¹ and year of report—Idaho, 1996–2015



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

Figure 6. HIV infection by year of report—Idaho, 1996–2015¹



1. Among residents of Idaho at first HIV diagnosis, including concurrent HIV Infection Stage 3 (AIDS) diagnosis. HIV became reportable in Idaho in 1986. This graph presents data by year of report, not year of diagnosis. For a more accurate depiction 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, 2015

Infection or disease	Sex			TOTAL
	Male	Female	Unknown	
Chancroid	0	0	0	0
Chlamydia	1,664	3,961	5	5,630
Gonorrhea	275	197	0	472
Syphilis, early	68	13	0	81
Syphilis, late/unk/neuro	10	11	0	21
Syphilis, congenital	0	0	0	0
HIV infection	38	5	0	43
TOTAL	2,055	4,187	5	6,247

Table 2. STD and HIV infection by Public Health District of residence—Idaho, 2015

Infection or disease	Public Health District							TOTAL
	1	2	3	4	5	6	7	
Chancroid	0	0	0	0	0	0	0	0
Chlamydia	675	465	1,123	1,787	627	538	415	5,630
Gonorrhea	55	29	84	206	45	21	32	472
Syphilis, early	2	1	18	46	4	6	4	81
Syphilis, late/unk/neuro	2	0	0	13	3	2	1	21
Syphilis, congenital	0	0	0	0	0	0	0	0
HIV infection	3	0	4	22	5	6	3	43
TOTAL	737	495	1,229	2,074	684	573	455	6,247

Chlamydia

Table 3. Chlamydia by sex, race/ethnicity, and age group—Idaho, 2015

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	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown			American Indian/Alaska Native	Asian	Black	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown				
0-4 yrs	0	0	0	1	0	0	0	1	0%	0	0	0	0	0	0	1	1	0%	2	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	9	0	5	10	25	1%	25	0%
15-19 yrs	8	3	4	141	0	59	113	328	20%	23	9	12	663	0	154	474	1,335	34%	1,666	30%
20-24 yrs	7	3	16	262	0	77	233	598	36%	42	12	12	700	0	193	527	1,486	38%	2,086	37%
25-29 yrs	2	0	5	181	0	40	141	369	22%	11	3	6	276	0	71	243	610	15%	979	17%
30-34 yrs	2	2	3	82	0	16	79	184	11%	5	4	0	120	0	29	122	280	7%	464	8%
35-39 yrs	3	2	1	38	0	4	31	79	5%	3	0	1	56	0	20	44	124	3%	203	4%
40-44 yrs	3	0	2	17	0	4	25	51	3%	4	0	0	24	0	10	26	64	2%	115	2%
45-54 yrs	0	1	1	13	0	3	23	41	2%	1	0	0	12	0	5	14	32	1%	73	1%
55-64 yrs	0	0	0	3	0	0	7	10	1%	0	0	0	1	0	0	1	2	0%	12	0%
65+ yrs	0	0	0	1	0	0	2	3	0%	0	0	0	1	0	0	0	1	0%	4	0%
Unknown	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	1	1	0%	1	0%
TOTAL	25	11	32	739	0	203	654	1,664	100%	90	28	31	1,862	0	487	1,463	3,961	101%	5,630	99%

Total race/ethnicity	Number	Percent ¹
American Indian/Alaska Native	115	2%
Asian/Pacific Islander	39	1%
Black	63	1%
White	2,606	46%
Native Hawaiian/Other Pacific Islander	0	0%
Hispanic (any race)	690	12%
Other/Unknown	2,117	38%
TOTAL	5,630	100%

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

2-Total includes 3 cases among persons aged 15-19 and 2 cases among persons aged 20-24 with reported unknown sex. All were White.

Note: 0-4 year age group cases 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, 2015

Age at Diagnosis	Sex																Total Cases	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	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown			American Indian/Alaska Native	Asian	Black	White	Native Hawaiian/Pacific Islander	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	2	0	0	1	3	2%	3	1%	
15-19 yrs	0	1	0	8	0	4	9	22	8%	1	0	1	20	0	3	7	32	16%	54	11%	
20-24 yrs	1	2	2	39	2	7	17	70	25%	2	0	1	33	0	4	14	54	27%	124	26%	
25-29 yrs	0	0	1	47	0	10	11	69	25%	3	0	1	23	0	4	15	46	23%	115	24%	
30-34 yrs	0	2	1	29	0	6	18	56	20%	1	2	0	20	0	3	7	33	17%	89	19%	
35-39 yrs	0	1	1	13	0	2	9	26	9%	1	0	0	9	0	0	5	15	8%	41	9%	
40-44 yrs	0	0	0	13	0	0	5	18	7%	1	0	0	4	0	1	4	10	5%	28	6%	
45-54 yrs	0	0	0	6	0	0	4	10	4%	0	0	0	3	0	0	1	4	2%	14	3%	
55-64 yrs	0	0	0	3	0	0	1	4	1%	0	0	0	0	0	0	0	0	0%	4	1%	
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	6	5	158	2	29	74	275	99%	9	2	3	114	0	15	54	197	100%	472	100%	

Total race/ethnicity	Number	Percent ¹
American Indian/Alaska Native	10	2%
Asian/Pacific Islander	8	2%
Black	8	2%
White	272	58%
Native Hawaiian/Other Pacific Islander	2	0%
Hispanic (any race)	44	9%
Other/Unknown	128	27%
TOTAL	472	100%

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

Syphilis

Table 5. Early syphilis¹ (<1 yr duration) by sex, race/ethnicity, and age group—Idaho, 2015

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	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown			American Indian/Alaska Native	Asian	Black	White	Native Hawaiian/Pacific Islander	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	1	0	1	0	2	3%	0	0	0	2	0	0	0	2	15%	4	5%	
20-24 yrs	0	0	0	8	0	2	0	10	15%	0	0	0	1	0	0	0	1	8%	11	14%	
25-29 yrs	0	0	1	8	0	3	2	14	21%	0	0	0	3	0	1	0	4	31%	18	22%	
30-34 yrs	0	0	0	14	0	3	1	18	26%	0	0	0	1	0	0	0	1	8%	19	23%	
35-39 yrs	0	0	1	3	0	1	0	5	7%	0	0	0	3	0	0	0	3	23%	8	10%	
40-44 yrs	1	0	0	6	0	1	0	8	12%	0	0	0	1	0	0	0	1	8%	9	11%	
45-54 yrs	0	0	0	9	0	1	0	10	15%	0	0	0	0	0	0	0	0	0%	10	12%	
55-64 yrs	0	0	0	1	0	0	0	1	1%	0	0	0	0	0	1	0	1	8%	2	2%	
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	2	50	0	12	3	68	100%	0	0	0	11	0	2	0	13	101%	81	99%	

Total race/ethnicity	Number	Percent ²
American Indian/Alaska Native	1	1%
Asian/Pacific Islander	0	0%
Black	2	2%
White	61	75%
Native Hawaiian/Other Pacific Islander	0	0%
Hispanic (any race)	14	17%
Other/Unknown	3	4%
TOTAL	81	99%

1-Early syphilis includes primary, secondary, and early latent stages.
 2-Total may not equal 100% because of rounding.

Table 6. Syphilis (all stages) by sex, race/ethnicity, and age group—Idaho, 2015

Age at Diagnosis	Sex																Total Cases	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	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown			American Indian/Alaska Native	Asian	Black	White	Native Hawaiian/Pacific Islander	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	1	0	1	0	2	3%	0	0	0	2	0	0	0	2	8%	4	4%	
20-24 yrs	0	0	0	8	0	3	0	11	14%	0	0	0	1	0	0	0	1	4%	12	12%	
25-29 yrs	0	0	1	8	0	3	2	14	18%	0	0	0	3	0	1	0	4	17%	18	18%	
30-34 yrs	0	0	0	16	0	3	1	20	26%	0	0	0	1	1	0	0	2	8%	22	22%	
35-39 yrs	0	0	1	4	0	1	0	6	8%	0	1	0	3	0	1	0	5	21%	11	11%	
40-44 yrs	1	0	1	6	0	1	0	9	12%	0	1	0	2	0	0	0	3	13%	12	12%	
45-54 yrs	0	0	0	10	0	1	0	11	14%	0	0	0	1	0	0	1	2	8%	13	13%	
55-64 yrs	0	0	0	1	0	0	2	3	4%	0	1	0	0	0	1	1	3	13%	6	6%	
65+ yrs	0	0	0	1	0	0	1	2	3%	0	0	0	1	0	0	1	2	8%	4	4%	
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	55	0	13	6	78	102%	0	3	0	14	1	3	3	24	100%	102	102%	

Total race/ethnicity	Number	Percent ¹
American Indian/Alaska Native	1	1%
Asian/Pacific Islander	3	3%
Black	3	3%
White	69	68%
Native Hawaiian/Other Pacific Islander	1	1%
Hispanic (any race)	16	16%
Other/Unknown	9	9%
TOTAL	102	101%

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

HIV infection¹

Table 7. HIV infection by sex, race/ethnicity, and age group—Idaho, 2015

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	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown			American Indian/Alaska Native	Asian	Black	White	Native Hawaiian/Pacific Islander	Hispanic (any race)	Other/Unknown											
0-4 yrs	0	1	0	0	0	0	0	1	3%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2%	
5-9 yrs	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0%
20-24 yrs	0	1	0	5	0	2	0	8	21%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	19%	
25-29 yrs	0	0	1	3	0	0	0	4	11%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9%	
30-34 yrs	0	1	1	4	0	4	0	10	26%	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	60%	13	30%
35-39 yrs	0	0	0	1	0	0	0	1	3%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2%	
40-44 yrs	0	0	0	2	0	1	0	3	8%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7%	
45-54 yrs	0	0	1	7	0	0	0	8	21%	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	40%	10	23%
55-64 yrs	0	0	0	1	0	0	0	1	3%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2%	
65+ yrs	0	0	0	2	0	0	0	2	5%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5%	
Unknown	0	0	0	0	0	0	0	0	0%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TOTAL	0	3	3	25	0	7	0	38	101%	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5	100%	43	99%

Total race/ethnicity	Number	Percent ²
American Indian/Alaska Native	0	0%
Asian/Pacific Islander	4	9%
Black	7	16%
White	25	58%
Native Hawaiian/Other Pacific Islander	0	0%
Hispanic (any race)	7	16%
Other/Unknown	0	0%
TOTAL	43	99%

1-Includes concurrent AIDS diagnosis (HIV Stage 3). 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, 2015

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	1	0	0	0	0	0	1	0%
5-9 yrs	0	0	0	0	0	0	0	0%
10-14 yrs	3	0	0	0	0	0	3	0%
15-19 yrs	235	4	0	0	0	0	239	32%
20-24 yrs	230	10	0	0	0	1	241	33%
25-29 yrs	104	18	0	0	0	0	122	17%
30-34 yrs	47	9	0	0	0	0	56	8%
35-39 yrs	27	3	0	1	0	0	31	4%
40-44 yrs	12	7	2	0	0	0	21	3%
45-54 yrs	15	3	0	0	0	2	20	3%
55-64 yrs	0	1	0	0	0	0	1	0%
65+ yrs	1	0	0	1	0	0	2	0%
Unknown	0	0	0	0	0	0	0	0%
TOTAL	675	55	2	2	0	3	737	100%

1-Total may not equal 100% because of rounding

Table 9. STD and HIV infection by year of report, Public Health District 1, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	417	9	1	0	0	5
2007	0	479	40	1	3	0	4
2008	0	608	39	1	0	0	3
2009	0	604	22	0	1	0	5
2010	0	628	13	0	1	0	5
2011	0	639	14	3	1	0	1
2012	0	608	17	3	0	0	4
2013	0	764	32	0	3	0	0
2014	0	775	39	2	1	0	2
2015	0	675	55	2	2	0	3

Public Health District 2 (North Central)

Table 10. STD and HIV infection by age group, Public Health District 2, 2015

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	1	0	0	0	0	0	1	0%
15-19 yrs	123	2	0	0	0	0	125	25%
20-24 yrs	210	8	0	0	0	0	218	44%
25-29 yrs	77	8	1	0	0	0	86	17%
30-34 yrs	24	6	0	0	0	0	30	6%
35-39 yrs	18	3	0	0	0	0	21	4%
40-44 yrs	7	2	0	0	0	0	9	2%
45-54 yrs	4	0	0	0	0	0	4	1%
55-64 yrs	0	0	0	0	0	0	0	0%
65+ yrs	1	0	0	0	0	0	1	0%
Unknown	0	0	0	0	0	0	0	0%
TOTAL	465	29	1	0	0	0	495	99%

1-Total may not equal 100% because of rounding

Table 11. STD and HIV infection by year of report, Public Health District 2, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	183	13	0	3	0	4
2007	0	196	14	0	1	0	1
2008	0	261	20	1	0	0	3
2009	0	271	7	0	2	0	5
2010	0	312	24	0	0	0	5
2011	0	305	27	1	1	0	0
2012	0	299	17	2	0	0	6
2013	0	369	15	0	0	0	0
2014	0	413	23	0	1	0	1
2015	0	465	29	1	0	0	0

Public Health District 3 (Southwest)

Table 12. STD and HIV infection by age group, Public Health District 3, 2015

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	1	0	0	0	0	0	1	0%
5- 9 yrs	0	0	0	0	0	0	0	0%
10-14 yrs	8	1	0	0	0	0	9	1%
15-19 yrs	349	14	3	0	0	0	366	30%
20-24 yrs	420	18	4	0	0	3	445	36%
25-29 yrs	185	23	6	0	0	0	214	17%
30-34 yrs	70	16	1	0	0	0	87	7%
35-39 yrs	42	7	1	0	0	0	50	4%
40-44 yrs	21	4	2	0	0	0	27	2%
45-54 yrs	22	1	1	0	0	0	24	2%
55-64 yrs	4	0	0	0	0	0	4	0%
65+ yrs	1	0	0	0	0	1	2	0%
Unknown	0	0	0	0	0	0	0	0%
TOTAL	1,123	84	18	0	0	4	1,229	99%

1-Total may not equal 100% because of rounding

Table 13. STD and HIV infection by year of report, Public Health District 3, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	693	43	4	1	0	10
2007	0	829	59	0	1	0	0
2008	0	787	30	2	1	0	7
2009	0	814	20	1	6	1	5
2010	0	815	34	4	2	1	8
2011	0	900	18	5	4	0	5
2012	0	845	24	6	2	0	6
2013	0	1,103	28	7	3	1	7
2014	0	1,112	67	1	2	0	5
2015	0	1,123	84	18	0	0	4

Public Health District 4 (Central)

Table 14. STD and HIV infection by age group, Public Health District 4, 2015

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	1	1	0%
5- 9 yrs	0	0	0	0	0	0	0	0	0%
10-14 yrs	4	2	0	0	0	0	0	6	0%
15-19 yrs	450	21	0	0	0	0	0	471	23%
20-24 yrs	667	52	7	1	0	0	4	731	35%
25-29 yrs	347	40	7	0	0	0	2	396	19%
30-34 yrs	182	43	15	2	0	0	7	249	12%
35-39 yrs	68	26	5	1	0	0	0	100	5%
40-44 yrs	42	9	4	2	0	0	3	60	3%
45-54 yrs	21	10	7	3	0	0	4	45	2%
55-64 yrs	5	3	1	2	0	0	1	12	1%
65+ yrs	1	0	0	2	0	0	0	3	0%
Unknown	0	0	0	0	0	0	0	0	0%
TOTAL	1,787	206	46	13	0	0	22	2,074	100%

1-Total may not equal 100% because of rounding

Table 15. STD and HIV infection by year of report, Public Health District 4, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	1,264	107	0	0	0	17
2007	0	1,389	109	0	4	0	17
2008	0	1,528	55	4	7	0	12
2009	0	1,221	30	3	12	0	22
2010	0	1,344	52	7	4	0	21
2011	0	1,632	68	11	7	0	31
2012	0	1,588	72	33	3	0	19
2013	0	1,799	97	8	8	0	26
2014	0	1,681	214	15	10	0	8
2015	0	1,787	206	46	13	0	22

Public Health District 5 (South Central)

Table 16. STD and HIV infection by age group, Public Health District 5, 2015

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	3	0	0	0	0	0	3	0%
15-19 yrs	200	7	1	0	0	0	208	30%
20-24 yrs	238	17	0	0	0	0	255	37%
25-29 yrs	99	10	0	0	0	0	109	16%
30-34 yrs	54	5	1	0	0	4	64	9%
35-39 yrs	16	2	0	0	0	0	18	3%
40-44 yrs	11	4	0	1	0	0	16	2%
45-54 yrs	6	0	2	0	0	1	9	1%
55-64 yrs	1	0	0	1	0	0	2	0%
65+ yrs	0	0	0	1	0	0	1	0%
Unknown	0	0	0	0	0	0	0	0%
TOTAL	628	45	4	3	0	5	685	98%

1-Total may not equal 100% because of rounding

Table 17. STD and HIV infection by year of report, Public Health District 5, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	323	25	1	0	0	0
2007	0	353	38	1	0	0	1
2008	0	461	14	3	0	0	4
2009	0	346	14	1	0	0	5
2010	0	406	8	0	0	0	2
2011	0	394	8	0	1	0	1
2012	0	405	16	0	0	0	2
2013	0	615	8	2	5	0	3
2014	0	667	53	1	2	0	1
2015	0	628	45	4	3	0	5

Public Health District 6 (Southeastern)

Table 18. STD and HIV infection by age group, Public Health District 6, 2015

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	3	0	0	0	0	0	3	1%
15-19 yrs	168	2	0	0	0	0	170	30%
20-24 yrs	179	10	0	0	0	0	189	33%
25-29 yrs	96	4	2	0	0	1	103	18%
30-34 yrs	55	4	1	0	0	2	62	11%
35-39 yrs	12	0	1	1	0	1	15	3%
40-44 yrs	19	1	1	0	0	0	21	4%
45-54 yrs	3	0	0	0	0	1	4	1%
55-64 yrs	1	0	1	1	0	0	3	1%
65+ yrs	0	0	0	0	0	1	1	0%
Unknown	1	0	0	0	0	0	1	0%
TOTAL	537	21	6	2	0	6	572	102%

1-Total may not equal 100% because of rounding

Table 19. STD and HIV infection by year of report, Public Health District 6, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	299	5	0	0	0	3
2007	0	305	3	1	0	0	5
2008	0	317	22	2	5	0	18
2009	0	348	10	1	1	0	8
2010	0	411	5	1	2	0	4
2011	0	501	9	3	0	0	3
2012	0	463	12	2	0	0	0
2013	0	478	20	1	2	0	4
2014	0	445	30	0	5	0	1
2015	0	537	21	6	2	0	6

Public Health District 7 (Eastern)

Table 20. STD and HIV infection by age group, Public Health District 7, 2015

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	3	0	0	0	0	0	3	1%
15-19 yrs	141	4	0	0	0	0	145	32%
20-24 yrs	142	9	0	0	0	0	151	33%
25-29 yrs	71	12	2	0	0	1	86	19%
30-34 yrs	32	6	1	1	0	0	40	9%
35-39 yrs	20	0	1	0	0	0	21	5%
40-44 yrs	3	1	0	0	0	0	4	1%
45-54 yrs	2	0	0	0	0	2	4	1%
55-64 yrs	1	0	0	0	0	0	1	0%
65+ yrs	0	0	0	0	0	0	0	0%
Unknown	0	0	0	0	0	0	0	0%
TOTAL	415	32	4	1	0	3	455	101%

1-Total may not equal 100% because of rounding

Table 21. STD and HIV infection by year of report, Public Health District 7, 2006–2015

Year of report	Chancroid	Chlamydia	Gonorrhea	Early syphilis	Syphilis, Late/Unk/Neuro	Congenital syphilis	HIV infection
2006	0	166	4	0	2	0	2
2007	0	171	6	1	1	0	2
2008	0	232	7	0	0	0	7
2009	0	238	7	0	2	0	6
2010	0	292	11	0	0	0	7
2011	0	328	18	1	4	0	0
2012	0	342	9	1	1	0	0
2013	0	300	11	2	0	0	6
2014	0	351	17	5	1	0	1
2015	0	415	32	4	1	0	3



Incidence Rates by County

Figure 7. Reported chlamydia incidence rate by county—Idaho, 2015

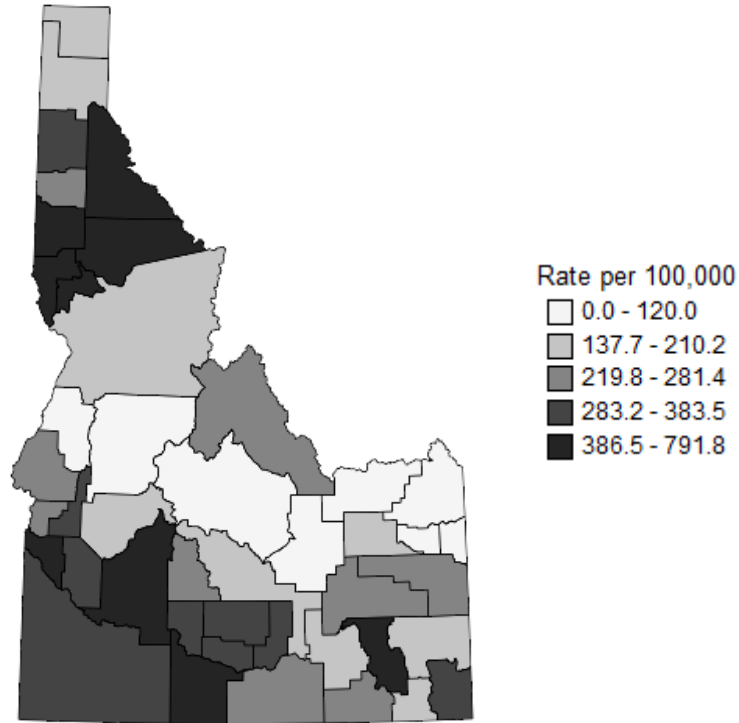


Figure 8. Reported gonorrhea incidence rate by county—Idaho, 2015

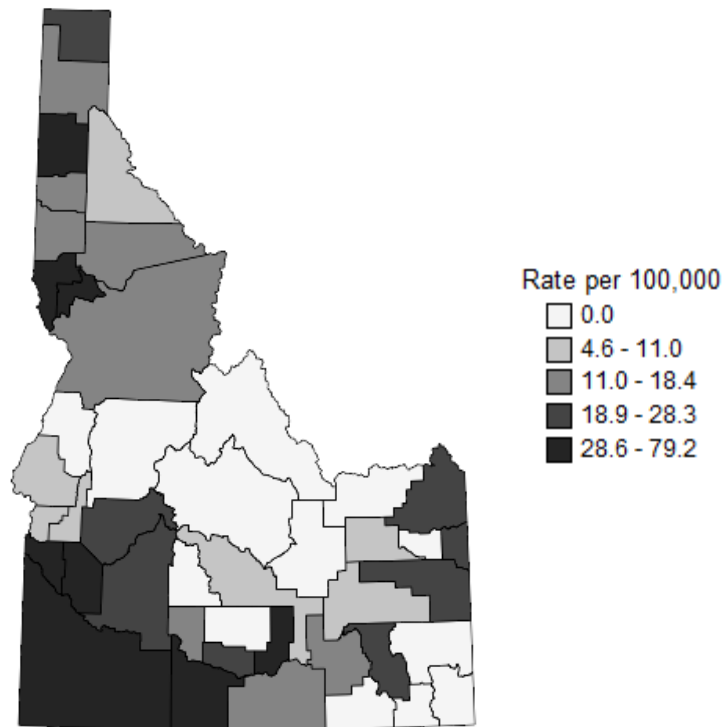




Table 22. Selected STD and HIV infection incidence and incidence rate* by county and Public Health District—Idaho, 2015

PHD	County	Population	Chlamydia		Gonorrhea		Syphilis, early		HIV Infection	
			Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Public Health District 1 (Panhandle)	Benewah County	9,052	25	276.2	1	11.0	0	-		
	Bonner County	41,859	88	210.2	7	16.7	0	-		
	Boundary County	11,318	23	203.2	3	26.5	0	-		
	Kootenai County	150,346	487	323.9	43	28.6	2	1.3		
	Shoshone County	12,432	52	418.3	1	8.0	0	-		
	Subtotal	225,007	675	300.0	55	24.4	2	0.9	3	1.3
Public Health District 2 (North Central)	Clearwater County	8,496	44	517.9	1	11.8	0	-		
	Idaho County	16,272	24	147.5	3	18.4	0	-		
	Latah County	38,778	173	446.1	6	15.5	1	2.6		
	Lewis County	3,789	30	791.8	3	79.2	0	-		
	Nez Perce County	40,048	194	484.4	16	40.0	0	-		
	Subtotal	107,383	465	433.0	29	27.0	1	0.9	0	-
Public Health District 3 (Southwest)	Adams County	3,843	2	52.0	0	-	0	-		
	Canyon County	207,478	947	456.4	75	36.1	17	8.2		
	Gem County	16,852	54	320.4	1	5.9	0	-		
	Owyhee County	11,310	41	362.5	5	44.2	0	-		
	Payette County	22,896	51	222.7	2	8.7	1	4.4		
	Washington County	9,984	28	280.4	1	10.0	0	-		
Subtotal	272,363	1,123	412.3	84	30.8	18	6.6	4	1.5	
Public Health District 4 (Central)	Ada County	434,211	1,665	383.5	197	45.4	46	10.6		
	Boise County	7,058	12	170.0	2	28.3	0	-		
	Elmore County	25,876	100	386.5	7	27.1	0	-		
	Valley County	10,103	10	99.0	0	-	0	-		
	Subtotal	477,248	1,787	374.4	206	43.2	46	9.6	22	4.6
Public Health District 5 (South Central)	Blaine County	21,592	38	176.0	1	4.6	0	-		
	Camas County	1,066	3	281.4	0	-	0	-		
	Cassia County	23,506	63	268.0	4	17.0	0	-		
	Gooding County	15,284	46	301.0	2	13.1	0	-		
	Jerome County	22,814	78	341.9	5	21.9	2	8.8		
	Lincoln County	5,297	15	283.2	0	-	0	-		
	Minidoka County	20,461	66	322.6	9	44.0	0	-		
	Twin Falls County	82,375	319	387.3	24	29.1	2	2.4		
Subtotal	192,395	628	326.4	45	23.4	4	2.1	5	2.6	
Public Health District 6 (Southeastern)	Bannock County	83,744	342	408.4	17	20.3	5	6.0		
	Bear Lake County	5,922	18	304.0	0	-	0	-		
	Bingham County	44,990	116	257.8	3	6.7	0	-		
	Butte County	2,501	3	120.0	0	-	0	-		
	Caribou County	6,770	14	206.8	0	-	0	-		
	Franklin County	13,074	18	137.7	0	-	1	7.6		
	Oneida County	4,281	10	233.6	0	-	0	-		
	Power County	7,648	16	209.2	1	13.1	0	-		
Subtotal	168,930	537	317.9	21	12.4	6	3.6	6	3.6	
Public Health District 7 (Eastern)	Bonneville County	110,089	306	278.0	24	21.8	4	3.6		
	Clark County	880	0	-	0	-	0	-		
	Custer County	4,087	3	73.4	0	-	0	-		
	Fremont County	12,819	11	85.8	3	23.4	0	-		
	Jefferson County	27,157	46	169.4	3	11.0	0	-		
	Lemhi County	7,735	17	219.8	0	-	0	-		
	Madison County	38,273	20	52.3	0	-	0	-		
	Teton County	10,564	12	113.6	2	18.9	0	-		
Subtotal	211,604	415	196.1	32	15.1	4	1.9	3	1.4	
Idaho		1,654,930	5,630	340.2	472	28.5	81	4.9	43	2.6

*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.