TB/HIV/STD Epidemiology and Surveillance Branch

2015 Annual Report

TEXAS
Department of
State Health Services

The Texas STD Surveillance Report is an annual report generated by:

Texas Department of State Health Services
TB/HIV/STD Epidemiology and Surveillance Branch, MC 1873
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Important Notes on the Data:

This report describes cases reported to the Texas Department of State Health Services Surveillance Program from January 1 to December 31, 2015, as well as historical data. The 2015 Texas STD Surveillance Report presents data by date of diagnosis, not date of report, as in previous surveillance reports. Therefore, cases and case rates from 2005-2012 may differ slightly from those in STD Surveillance Reports that were published after 2012.

Population numbers used to calculate rates for 2005-2009 data are from the National Center for Health Statistics [Intercensal estimates of the resident population of the United States for July 1, 2000-July 1, 2009, by year, county, single-year of age (0, 1, 2, .., 85 years and over), bridged race, Hispanic origin, and sex].

Population numbers used to calculate rates for 2010 data are from the National Center for Health Statistics [Estimates of the April 1, 2010 resident population of the United States, by county, single-year of age (0, 1, 2, …, 85 years and over), bridged race, Hispanic origin, and sex].

Population numbers used to calculate rates for 2011-2015 data are from the National Center for Health Statistics [Vintage 2015 postcensal estimates of the resident population of the United States April 1, 2010, July 1, 2010-July 1, 2015, by year, county, single-year of age (0, 1, 2, .., 85 years and over), bridged race, Hispanic origin, and sex].

The number of Persons Living with HIV was obtained from Texas' enhanced HIV/AIDS Reporting System.

Population denominators used to calculate rates of HIV/AIDS among Men who have sex with Men (MSM) in the 2014 HIV Surveillance report were estimated through a previously published methodology. For more details, see:

> **Estimating the number of men who have sex with men by race/ethnicity at the county level in Texas.** Campagna J, Poe J, Robbins A, Rowlinson E, J Urban Health 2015 Feb; 92 (1):168-81.

MSM denominator estimates for this year's report were recalculated using updated data sources and rates may have changed. For more information, please contact TBHIVSTDdata@dshs.state.tx.us.

Data on gender identity is not standardized in the Texas STD surveillance system. The sex of persons represented in this data may or may not reflect their current gender identity. DSHS is working to improve data collection on this highly impacted population so that data on transgender people can be included in future reports.

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Definitions

Chlamydia, gonorrhea, and syphilis infection are defined by the Centers for Disease Control and Prevention of the United States Public Health Service. The publication designating the most current definition may be found at:

http://www.cdc.gov/mmwr/preview/mmwrhtml/00047449.htm

P&S Syphilis is occasionally used as an abbreviation for Primary and Secondary Syphilis in this report.

Reporting Rules

The rules and regulations for reporting sexually transmitted diseases have been adopted in the Texas Administrative Code, Chapter 97. The provisions for this chapter are issued under the Communicable Disease Prevention and Control Act, Health and Safety Code, Chapter 81, which provides the Board of Health with the authority to adopt rules concerning the reporting of communicable diseases; and §12.001, which provides the Texas Board of Health with the authority to adopt rules for the performance of every duty imposed by law on the Texas Board of Health, the Texas Department of State Health Services, and the Commissioner of Health. A copy of the rules can be obtained from the Texas Department of State Health Services at:

http://www.dshs.state.tx.us/hivstd/healthcare/reporting.shtm

The *Texas STD Surveillance Report* can be obtained at:

http://www.dshs.state.tx.us/hivstd/reports/default.shtm

Information on how to report HIV/AIDS and STD cases can be obtained by calling your local or regional health department, or by calling 1-800-705-8868.

CHLAMYDIA: Brief Overview and Quick Facts

Description and Background*

Chlamydia is a sexually transmitted disease (STD) caused by infection with Chlamydia trachomatis. It can cause cervicitis and urethritis in women and urethritis and proctitis in men. Chlamydial infections in women can lead to serious consequences including pelvic inflammatory disease, tubal factor infertility, ectopic pregnancy, and chronic pelvic pain.

Chlamydia is the most frequently reported bacterial sexually transmitted infection in the United States. In 2014, 1,441,789 cases of chlamydia were reported to the Centers for Disease Control and Prevention (CDC) from 50 states and the District of Columbia. A large number of cases are not reported because most people with chlamydia are asymptomatic and do not seek testing.

Impact and Risk*

Chlamydia is common among young people. Nearly two-thirds of all chlamydia infections in the U.S. occur in young persons age 15-24 years of age. It is estimated that 1 in 20 sexually active females aged 14-24 years has chlamydia*.

Substantial racial/ethnic disparities in infection exist nationally, with prevalence among non-Hispanic blacks approximately five times the prevalence among non-Hispanic whites. Chlamydia is also common among men who have sex with men (MSM). Men who have sex with men (MSM) are also at risk for chlamydial infection since chlamydia can be transmitted by oral or anal sex. Among MSM screened for chlamydial infection at 12 STD surveillance sites across the United States, positivity ranged from 7.0% to 17.9% (median 14.9%).**

Chlamydia Screening and Treatment*

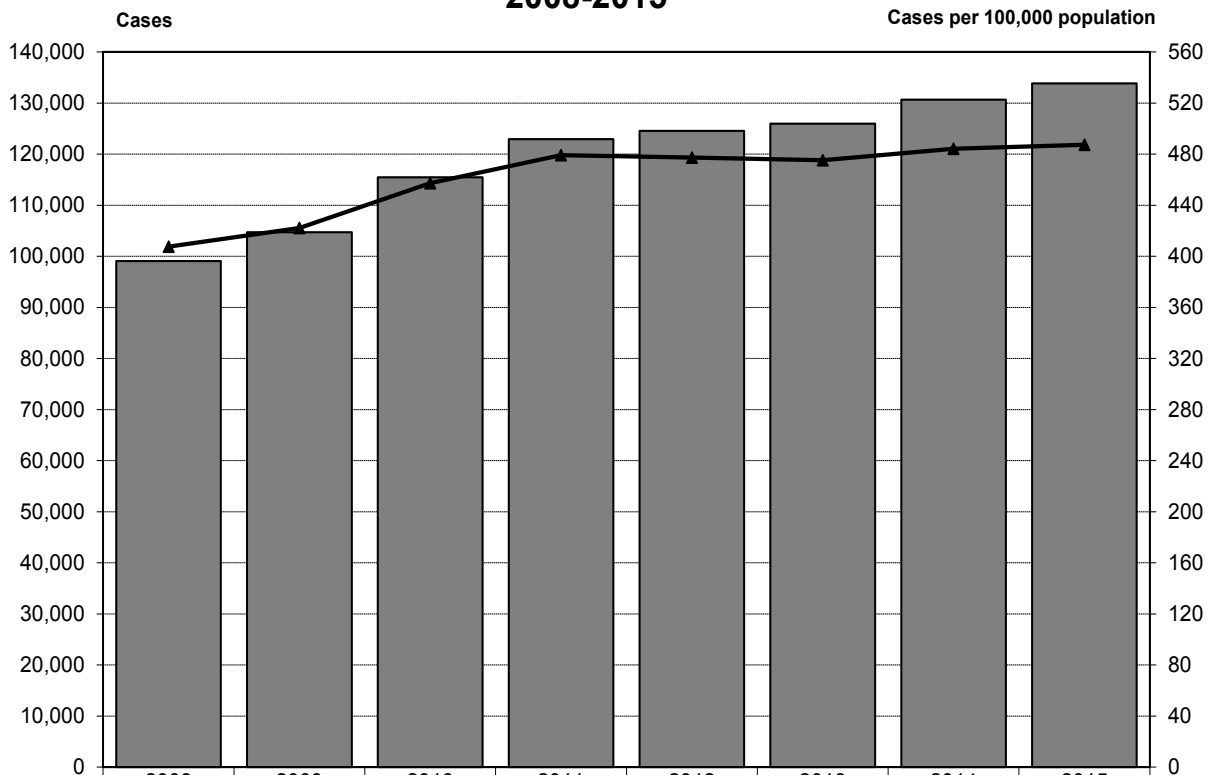
Because chlamydia is usually asymptomatic, screening is necessary to identify most infections. CDC recommends yearly chlamydia screening of all sexually active women age 25 or younger and older women with risk factors for infection (e.g., women who have a new or more than one sex partner). Pregnant women should be screened at their first prenatal care visit. Pregnant women under 25 or at increased risk for chlamydia (e.g., women who have a new or more than one sex partner) should be screened again in their third trimester. Routine screening is not recommended for men. Screening of sexually active young men should be considered in clinical settings with a high prevalence of chlamydia (e.g., correctional facilities and STD clinics) when resources permit and do not hinder screening efforts in women. MSM who have receptive anal sex should be screened each year. Chlamydia can be easily cured with antibiotics. Latex male condoms, used consistently and correctly, can reduce the risk of getting or giving chlamydia. The surest way to avoid chlamydia is to abstain from vaginal, anal, and oral sex, or to be in a long-term mutually monogamous relationship with a partner who has been tested and is known to be uninfected.

2015 State of Texas Chlamydia Quick Facts

Number of reported Chlamydia cases:	133,598
Chlamydia rate per 100,000 Texas residents:	486.4
Percent change in Chlamydia rate from 2014:	+0.5%

***Source: Centers for Disease Control and Prevention-Chlamydia CDC Fact Sheet, 2016.**
****Source: Centers for Disease Control and Prevention—STDs in Men who have Sex with Men, November 2015**

Texas Chlamydia Cases and Case Rates by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Cases	99,079	104,680	115,445	122,912	124,544	125,952	130,644	133,850
Case Rate	407.6	422.1	457.3	479.1	477.4	475.3	484.2	487.3

Chlamydia Cases and Rates by Sex, Race/Ethnicity and Age Group, 2008-2015

	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Sex																
Male	21,569	178.9	23,085	187.7	26,333	210.3	29,164	229.2	29,991	231.6	31,280	237.8	33,925	253.4	36,917	270.7
Female	77,470	632.4	81,560	652.5	89,073	700.2	93,726	724.8	94,480	718.9	93,810	702.7	96,545	710.5	96,481	697.6
Unknown	40		35		39		22		73		862		174		452	
Race																
White	20,882	181.8	21,549	186.5	24,827	213.7	27,423	234.5	28,717	243.6	30,894	260.7	28,873	241.7	28,137	233.7
Black	31,110	1,086.1	31,841	1,088.8	34,747	1,165.0	35,454	1166.8	34,468	1109	32,194	1015	31,210	961.286	29,263	880.2
Hispanic	40,210	450.4	43,597	471.8	47,736	501.7	50,632	519.6	48,716	489.2	48,487	476.2	47,535	456.2	44,876	420.6
Other	3,116	301.7	2,836	262.3	3,140	278.4	3,403	288.5	3,181	257.4	3,443	265.7	3,089	226.3	3,525	245.4
Unknown	3,761		4,857		4,995		6,000		9,462		10,934		19,937		28,049	
Age Group																
0 - 9	73	2.0	86	2.3	110	2.8	78	2.0	134	3.4	130	3.3	100	2.5	119	3.0
10 - 14	1,323	72.6	1,271	68.7	1,292	68.4	1,394	72.7	1,370	70.6	1,151	58.6	1,146	57.5	1,010	50.2
15 - 19	34,995	1895.148	36,702	1957.9	39,019	2072.3	40,321	2143.9	38,493	2046.4	36,160	1913	35,773	1873.78	35,976	1,854.1
20 - 24	35,587	2001.931	38,041	2115.9	43,002	2350.8	46,424	2475.1	47,575	2458	49,005	2482.8	50,442	2,514.5	51,184	2,537.3
25 - 29	15,555	859.3	16,301	885.1	17,871	961.2	19,280	1,026.8	20,192	1,062.3	21,207	1,103.8	22,708	1,153.6	23,943	1,183.8
30 - 34	6,325	375.2	6,562	380.6	7,758	437.7	8,252	453.6	8,917	477.0	9,659	503.8	10,525	537.2	11,060	555.9
35 - 39	2,751	157.3	3,004	170.4	3,346	189.8	3,628	207.3	3,878	220.6	4,302	242.2	4,902	270.7	5,095	273.2
40 - 44	1,209	72.1	1,421	84.7	1,563	91.8	1,802	103.0	1,993	111.5	2,231	123.2	2,502	137.0	2,688	146.9
45+	1,130	13.8	1,251	14.8	1,382	15.9	1,688	19.0	1,925	21.1	2,074	22.3	2,499	26.2	2,709	27.7
Unknown	131		41		102		45		67		33		47		66	
Total	99,079	407.6	104,680	422.1	115,445	457.3	122,912	479.1	124,544	477.4	125,952	475.3	130,644	484.2	133,850	487.3

* Rates represent cases per 100,000 population.

Note: Transgender persons may be included in male, female, or unknown sex categories

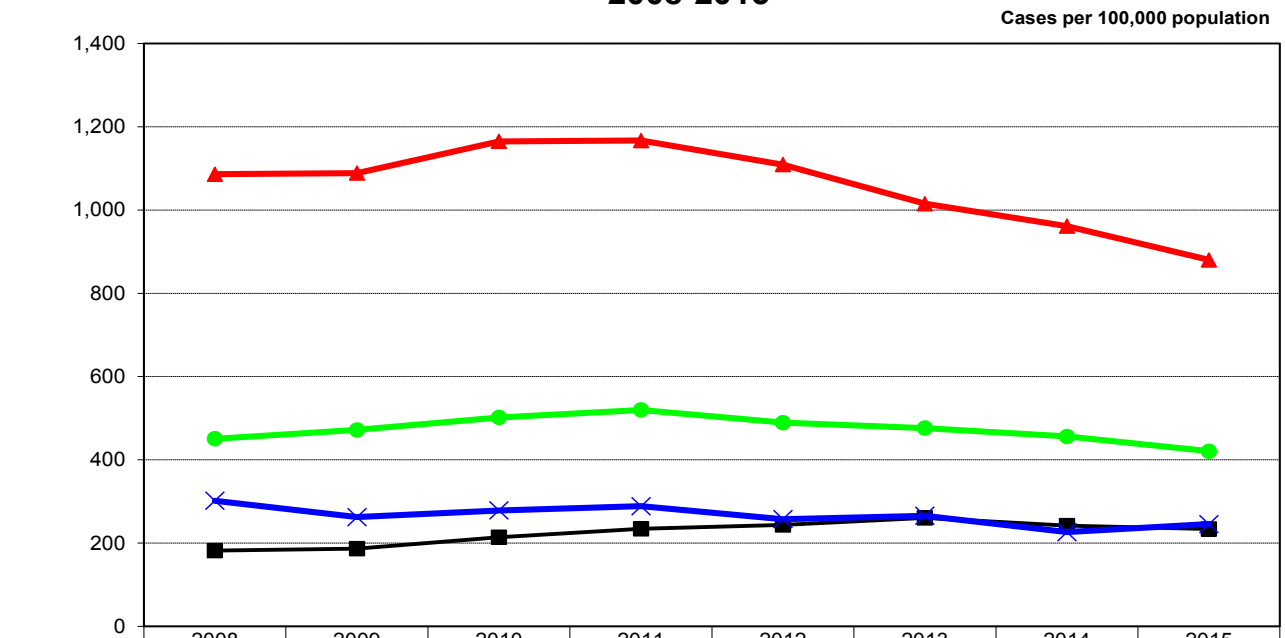
Chlamydia Cases by Age Group, Race/Ethnicity and Sex, 2015

Age Group	Male						Female						Unk Sex	Total	Percent
	White	Black	Hisp.	Other	Unk	Total	White	Black	Hisp.	Other	Unk	Total			
0 - 9	5	8	12	1	13	39	15	16	26	2	21	80	0	119	0.1%
10 - 14	11	23	40	0	36	110	125	193	333	22	215	888	0	998	0.7%
15 - 19	1,166	1,909	1,964	152	1,752	6,943	6,071	6,361	9,786	602	6,070	28,890	0	35,833	26.9%
20 - 24	3,097	3,473	3,624	357	2,891	13,442	8,238	8,057	13,214	971	7,099	37,579	3	51,024	38.2%
25 - 29	1,742	1,901	2,202	253	1,692	7,790	3,222	3,114	6,128	494	3,123	16,081	5	23,876	17.9%
30 - 34	920	1,009	1,136	131	835	4,031	1,293	1,263	2,836	206	1,405	7,003	1	11,035	8.3%
35 - 39	434	478	572	75	410	1,969	529	490	1,292	94	704	3,109	0	5,078	3.8%
40 - 44	274	288	293	30	276	1,161	281	190	613	40	398	1,522	0	2,683	2.0%
45+	432	320	289	48	328	1,417	268	155	477	43	345	1,288	0	2,705	2.0%
Unk	1	1	4	1	8	15	4	5	6	0	26	41	0	56	0.0%
Total	8,082	9,410	10,136	1,048	8,241	36,917	20,046	19,844	34,711	2,474	19,406	96,481	9	133,407	
Percent	21.9%	25.5%	27.5%	2.8%	22.3%		20.8%	20.6%	36.0%	2.6%	20.1%				
				Percent Male		27.7%				Percent Female		72.3%			

Total White	28,128	21.1%
Total Black	29,254	21.9%
Total Hispanic	44,847	33.6%
Total Other	3,522	2.6%
Total Unknown	27,656	20.7%
Total	133,407	

Note: Transgender persons may be included in male, female, or unknown sex categories

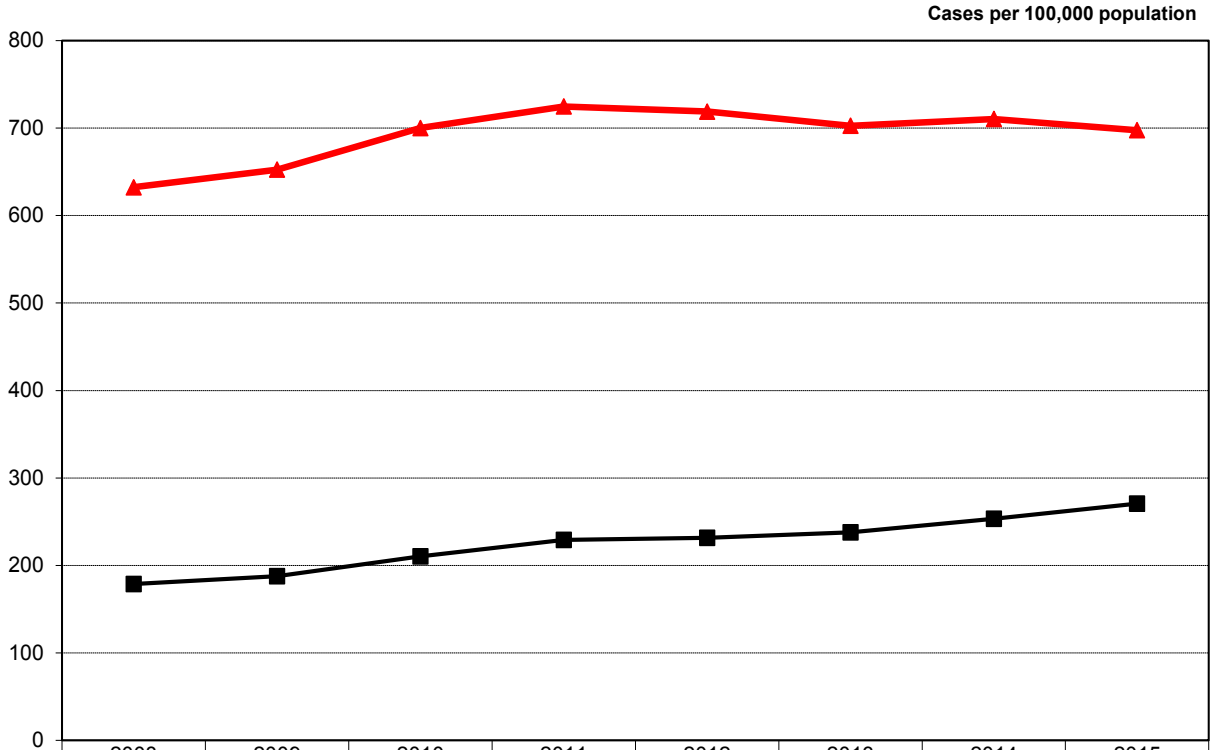
Texas Chlamydia Case Rates by Race and Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
White	181.8	186.5	213.7	234.5	243.6	260.7	241.7	233.7
Black	1,086.1	1,088.8	1,165.0	1,166.8	1,109.0	1,015.0	961.3	880.2
Hispanic	450.4	471.8	501.7	519.6	489.2	476.2	456.2	420.6
Other	301.7	262.3	278.4	288.5	257.4	265.7	226.3	245.4

*Note: The proportion of chlamydia diagnoses with no reported race/ethnicity indicated increased from 10% in 2013 to 21% in 2015. Decreases in the chlamydia rate by race may not accurately reflect the actual change in race-specific case rates from 2013-2015.

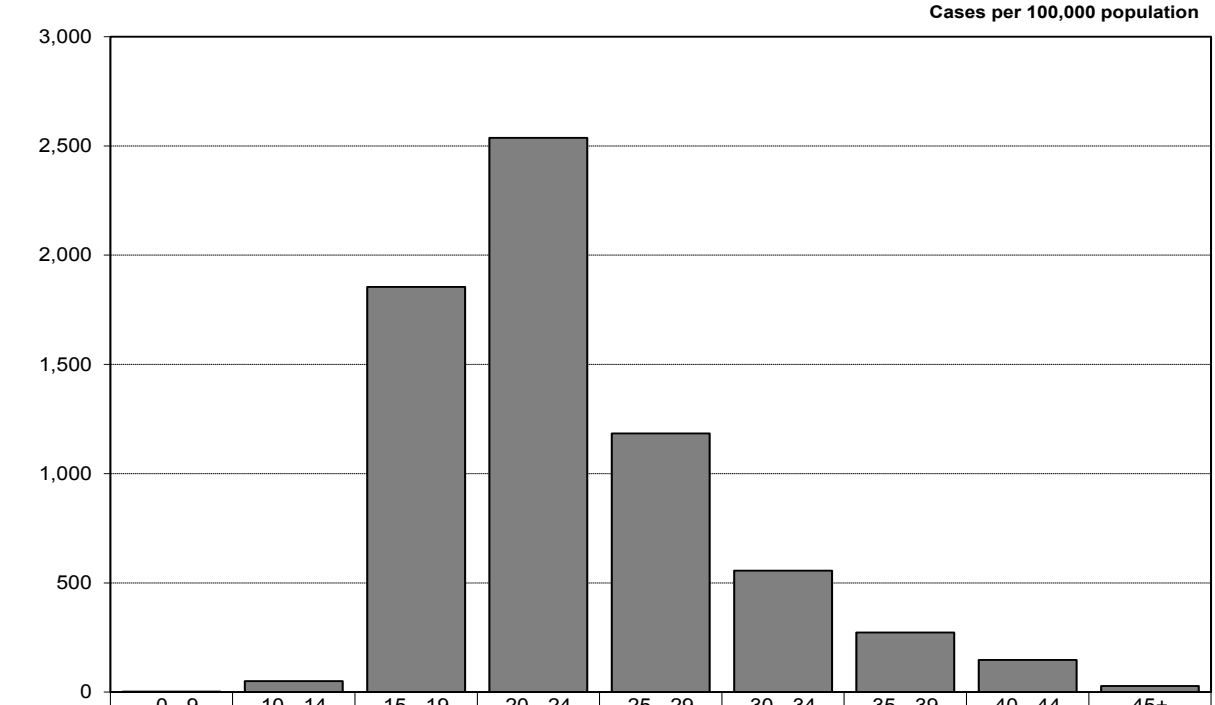
Texas Chlamydia Case Rates by Sex and Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Male	178.9	187.7	210.3	229.2	231.6	237.8	253.4	270.7
Female	632.4	652.5	700.2	724.8	718.9	702.7	710.5	697.6

Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Chlamydia Case Rates by Age Group and Year of Diagosis 2015



	0 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45+
Age Group Rate	3.0	50.2	1,854.1	2,537.3	1,183.8	555.9	273.2	146.9	27.7

GONORRHEA: Brief Overview and Quick Facts

Description and Background*

Gonorrhea is a sexually transmitted disease (STD) caused by infection with the Neisseria gonorrhoeae bacterium. N. gonorrhoeae infects the mucous membranes of the reproductive tract: the cervix, uterus, and fallopian tubes in women, and the urethra in women and men.
N. gonorrhoeae can also infect mucous membranes of the mouth, throat, eyes, and anus.

Gonorrhea is a very common infectious disease. The Centers for Disease Control and Prevention (CDC) estimates that, annually, 820,000 people in the United States get new gonorrheal infections, and less than half of these infections are detected and reported to CDC*. CDC estimates that 570,000 of them were among young people 15-24 years of age*. In 2014, 350,062 cases of gonorrhea were reported to CDC.

Impact and Risk*

Any sexually active person can be infected with gonorrhea. In the United States, the highest reported rates of infection are among sexually active teenagers, young adults, and African Americans.
Among MSM screened for gonorrhea infection at 12 STD surveillance sites across the United States, positivity ranged from 14.5% to 25.3% (median 19.2%).**

Gonorrhea Screening and Treatment*

Individuals with genital symptoms such as discharge, burning during urination, unusual sores, or rash should stop having sex and see a health care provider immediately. Also, anyone with an oral, anal, or vaginal sex partner recently diagnosed with an STD should see a health care provider for evaluation. Anyone who is sexually active should discuss his/her risk factors with a health care provider and ask whether he/she should be tested for gonorrhea or other STDs.

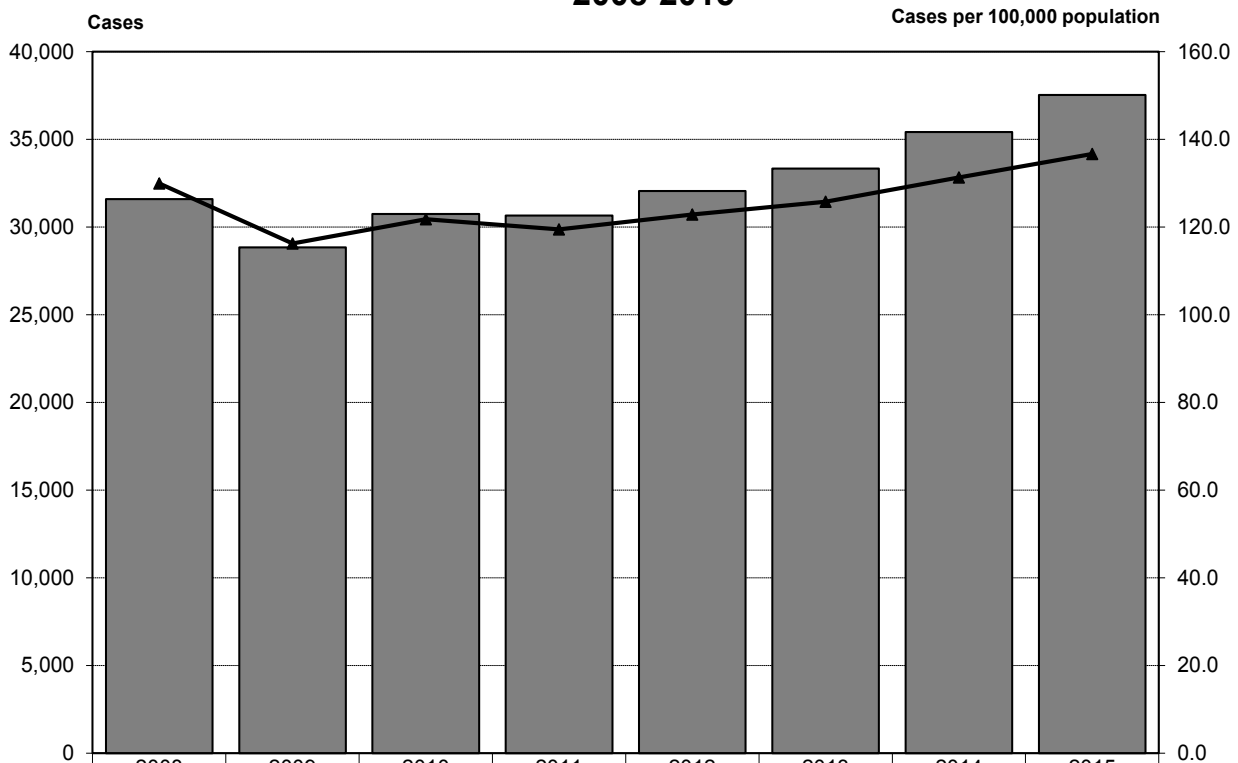
CDC now recommends dual therapy (using two drugs) for treating gonorrhea. It is important to take all the medication prescribed to cure gonorrhea. Although medication will stop the infection, it will not repair any permanent damage done by the disease. Antimicrobial resistance is of increasing concern and successful treatment is becoming more difficult. If a person's symptoms continue for more than a few days after receiving treatment, he/she should return to a health care provider to be reevaluated. Latex condoms, when used consistently and correctly, can reduce the risk of transmission of gonorrhea. The surest way to avoid transmission of gonorrhea or other STDs is to abstain from sexual intercourse, or to be in a long-term mutually monogamous relationship with a partner who has been tested and is known to be uninfected.

2015 State of Texas Gonorrhea Quick Facts

Number of reported gonorrhea cases:	37,501
Gonorrhea rate per 100,000 Texas residents:	136.5
Percent change in gonorrhea rate from 2014:	+4.0%

***Source: Centers for Disease Control and Prevention-Gonorrhea CDC Fact Sheet (Detailed Version), November 2015.**
****Source: Centers for Disease Control and Prevention—STDs in Men who have Sex with Men, April 2016**

Texas Gonorrhea Cases and Case Rates by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Cases	31,595	28,838	30,741	30,654	32,059	33,337	35,423	37,539
Case Rate	130.0	116.3	121.8	119.5	122.9	125.8	131.3	136.7

Gonorrhea Cases and Rates by Sex, Race/Ethnicity and Age Group, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Sex																
Male	14,771	122.5	13,102	106.5	14,057	112.2	14,366	112.9	15,043	116.2	16,220	123.3	18,065	134.9	20,684	151.7
Female	16,810	137.2	15,732	125.9	16,669	131.0	16,281	125.9	17,007	129.4	16,935	126.9	17,322	127.5	16,775	121.3
Unknown	14		4		15		7		9		182		36		80	
Race																
White	5,351	46.6	4,758	41.2	5,537	47.7	5,547	47.4	6,345	53.8	7,408	62.5	7,604	63.6	8,165	67.8
Black	16,919	590.7	15,018	513.5	15,528	520.6	14,166	466.2	14,125	454.5	13,675	431.1	13,795	424.9	13,095	393.9
Hispanic	7,547	84.5	7,372	79.8	7,950	83.5	8,946	91.8	9,142	91.8	9,425	92.6	9,320	89.4	9,352	87.6
Other	817	79.1	662	61.2	707	62.7	827	70.1	846	68.4	831	64.1	796	58.3	984	68.5
Unknown	961		1,028		1,019		1,168		1,601		1,998		3,908		5,943	
Age Group																
0 - 9	45	1.2	24	0.6	37	1.0	17	0.4	40	1.0	36	0.9	23	0.6	35	0.9
10 - 14	380	20.9	327	17.7	324	17.2	346	18.0	347	17.9	275	14.0	303	15.2	265	13.2
15 - 19	9,543	516.8	8,994	479.8	9,293	493.5	9,029	480.1	8,975	477.1	8,207	434.2	8,118	425.2	8,070	415.9
20 - 24	10,149	570.9	9,746	542.1	10,735	586.8	10,770	574.2	11,251	581.3	11,793	597.5	11,960	596.2	12,429	616.1
25 - 29	5,217	288.2	4,667	253.4	5,014	269.7	5,012	266.9	5,355	281.7	6,014	313.0	6,846	347.8	7,449	368.3
30 - 34	2,493	147.9	2,196	127.4	2,365	133.4	2,358	129.6	2,800	149.8	3,167	165.2	3,559	181.7	3,985	200.3
35 - 39	1,503	86.0	1,209	68.6	1,205	68.4	1,218	69.6	1,297	73.8	1,610	90.7	1,891	104.4	2,100	112.6
40 - 44	953	56.8	715	42.6	747	43.9	814	46.5	860	48.1	950	52.5	1,146	62.8	1,207	66.0
45+	1,258	15.3	946	11.2	991	11.4	1,076	12.1	1,117	12.3	1,272	13.7	1,564	16.4	1,983	20.3
Unknown	54		14		30		14		17		13		13		16	
Total	31,595	130.0	28,838	116.3	30,741	121.8	30,654	119.5	32,059	122.9	33,337	125.8	35,423	131.3	37,539	136.7

* Rates represent cases per 100,000 population.

Note: Transgender persons may be included in male, female, or unknown sex categories

Gonorrhea Cases by Age Group, Race/Ethnicity and Sex, 2015

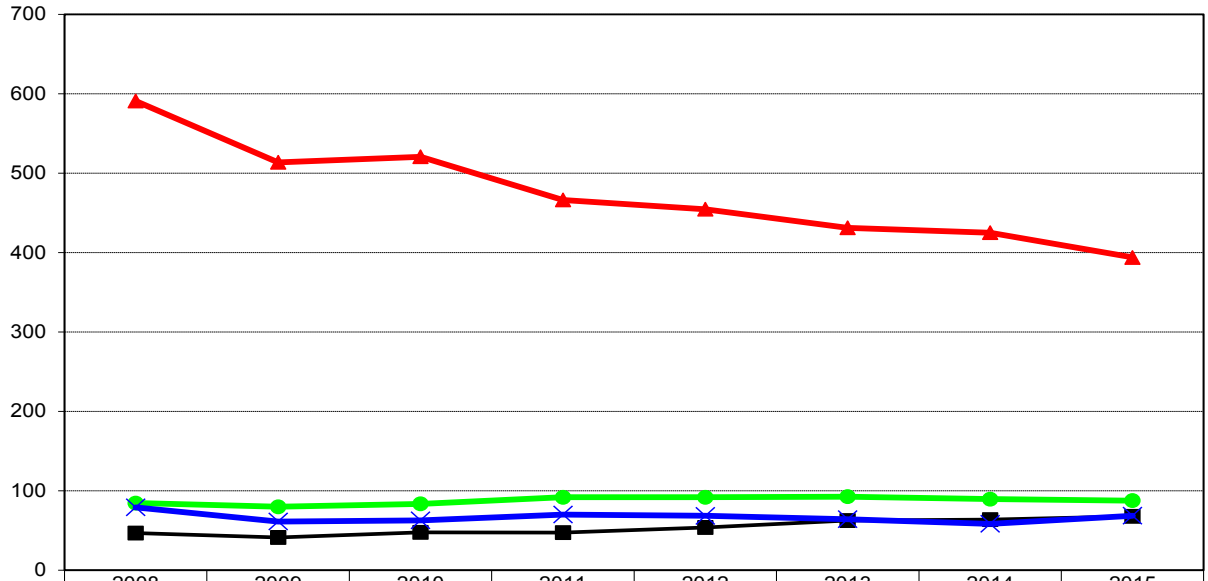
Age Group	Male						Female						Unk Sex	Total	Percent
	White	Black	Hisp.	Other	Unk	Total	White	Black	Hisp.	Other	Unk	Total			
0 - 9	5	0	0	0	0	5	5	5	2	0	3	15	0	20	0.1%
10 - 14	5	19	16	1	10	35	35	61	52	3	62	0	0	0	0.0%
15 - 19	448	1,124	715	75	696	871	871	1,810	1,342	106	863	4,992	0	5,863	15.7%
20 - 24	1,314	2,487	1,594	179	996	1,168	1,168	2,234	1,525	125	779	5,831	0	6,999	18.7%
25 - 29	1,032	1,535	1,175	141	636	722	722	959	785	76	376	2,918	1	3,641	9.7%
30 - 34	612	855	621	80	348	393	393	399	441	44	188	1,465	0	1,858	5.0%
35 - 39	358	497	337	40	221	186	186	177	168	20	91	642	0	828	2.2%
40 - 44	253	280	191	23	137	94	94	74	76	11	66	321	0	415	1.1%
45+	548	504	220	43	293	115	115	69	78	12	99	373	0	488	1.3%
Unk	0	0	3	0	4	0	0	0	0	0	5	5	0	5	0.0%
Total	4,575	7,301	4,872	582	3,341	20,671	3,589	5,788	4,469	397	2,532	16,775	1	37,447	
Percent	12.4%	19.8%	13.2%	1.6%	9.1%		21.4%	34.5%	26.6%	2.4%	15.1%				
				Percent Male		55.2%				Percent Female		44.8%			

Total White	8,164	21.8%
Total Black	13,089	35.0%
Total Hispanic	9,341	24.9%
Total Other	979	2.6%
Total Unknown	5,874	15.7%
Total	37,447	

Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Gonorrhea Case Rates by Race and Year of Diagnosis, 2008-2015

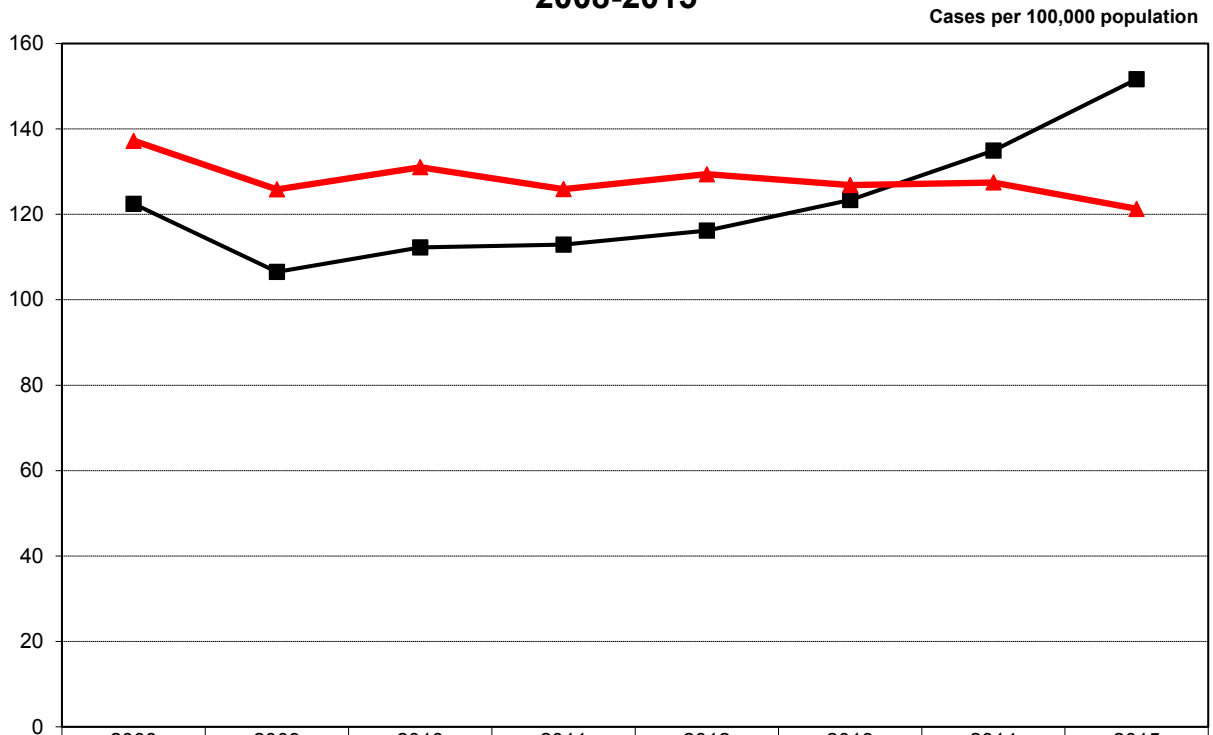
Cases per 100,000 population



	2008	2009	2010	2011	2012	2013	2014	2015
White	46.6	41.2	47.7	47.4	53.8	62.5	63.6	67.8
Black	590.7	513.5	520.6	466.2	454.5	431.1	424.9	393.9
Hispanic	84.5	79.8	83.5	91.8	91.8	92.6	89.4	87.6
Other	79.1	61.2	62.7	70.1	68.4	64.1	58.3	68.5

*Note: The proportion of gonorrhea diagnoses with no reported race/ethnicity indicated increased from 7% in 2013 to 16% in 2015. Decreases in the gonorrhea rate by race may not accurately reflect the actual change in race-specific case rates from 2013-2015.

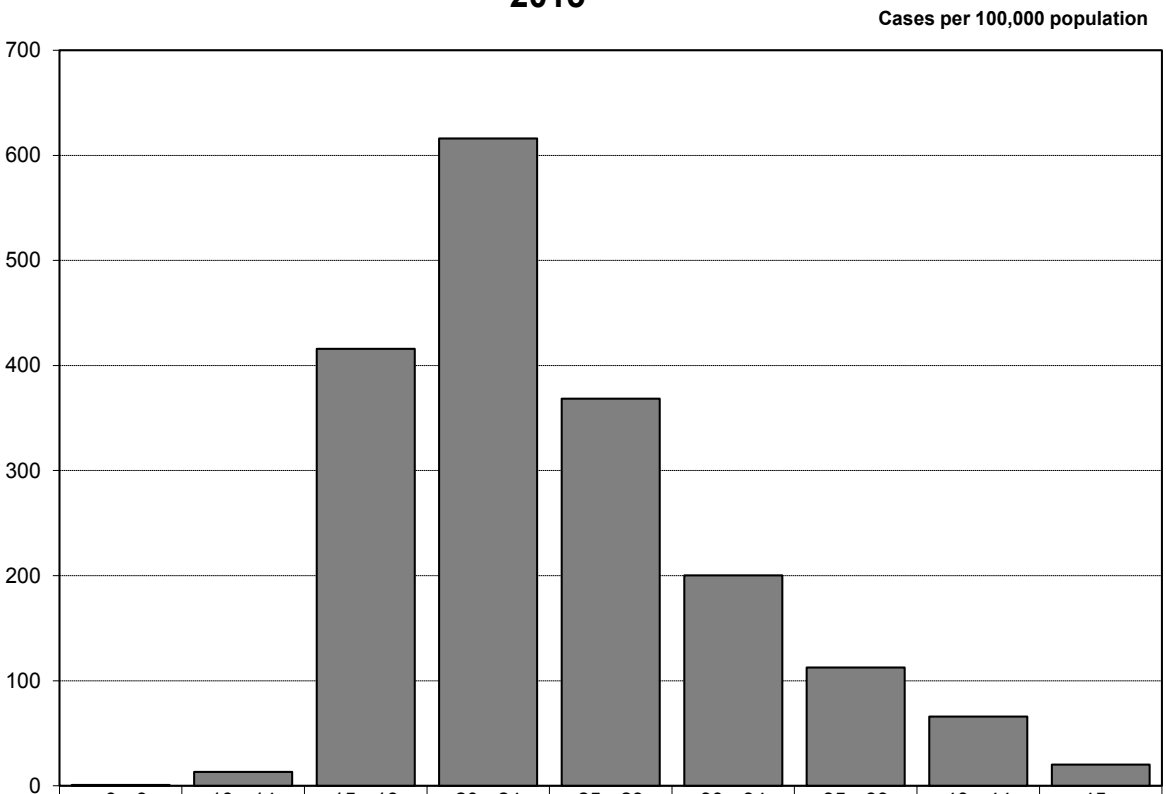
Texas Gonorrhea Case Rates by Sex and Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Male	122.5	106.5	112.2	112.9	116.2	123.3	134.9	151.7
Female	137.2	125.9	131.0	125.9	129.4	126.9	127.5	121.3

Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Gonorrhea Case Rates by Age Group and Year of Diagnosis 2015



	0 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45+
Age Group Rate	0.9	13.2	415.9	616.1	368.3	200.3	112.6	66.0	20.3

SYPHILIS: Brief Overview and Quick Facts

Description and Background*

Syphilis is a sexually transmitted disease (STD) caused by the bacterium Treponema pallidum and can cause long-term complications if not adequately treated. In 2014, 63,450 cases of syphilis were reported to The Centers for Disease Control and Prevention (CDC). Of these, 19,999 were primary and secondary (P&S) syphilis, the earliest and most transmissible stages of syphilis. Syphilis is transmitted from person to person by direct contact with a syphilitic sore, known as a chancre. Chancres occur on the external genitals, vagina, anus, or in the rectum, as well as on the lips and in the mouth. Transmission of syphilis occurs during vaginal, anal, or oral sex. Pregnant women with the disease can transmit it to their unborn child.

Impact and Risk*

In the 1990s, syphilis in the United States primarily occurred among heterosexual men and women of racial and ethnic minority groups. However, during the 2000s, cases increased among men who have sex with men (MSM). In 2002, rates of P&S syphilis were highest among men 30–39 years old, but in 2013, rates were highest among men 20–29 years old. This epidemiologic shift reflects increasing cases reported among young MSM in recent years. MSM accounted for 83% of all P&S syphilis cases in 2014. Black, Hispanic, and other racial/ethnic minorities are disproportionately affected by P&S syphilis in the United States, with black Americans accounting for most of P&S syphilis among individuals who are not MSM.

Syphilis Screening and Treatment*

Providers should routinely test persons who:

1. are pregnant;

2. are members of an at-risk subpopulation (persons in correctional facilities and MSM);

3. describe high risk sexual behaviors (having unprotected vaginal, anal, or oral sexual contact; multiple sexual partners; using drugs and alcohol, and engaging in commercial or coerced sex);

4. have partner(s) who have tested positive for syphilis; and

5. are sexually active and live in areas with high syphilis morbidity.

Syphilis diagnoses are commonly made using blood tests. There are two types of blood tests available for syphilis: nontreponemal and treponemal. Nontreponemal tests (VDRL and RPR) are simple and often used for screening but they are not specific for syphilis and by themselves are insufficient for diagnosis. Persons with a reactive nontreponemal test should receive a treponemal test to confirm a syphilis diagnosis. Treponemal tests (FTA-ABS, TP-PA, various EIAs, and chemiluminescence immunoassays) detect antibodies specific for syphilis. If a treponemal test is used for screening and the results are positive, a nontreponemal test with titer should be performed to confirm diagnosis and guide patient management decisions.

Syphilis Screening and Treatment-Continued*

Syphilis can be cured in its early stages. A single intramuscular injection of long acting Benzathine penicillin G will cure a person who has primary, secondary or early latent syphilis. Three doses of long acting Benzathine penicillin at weekly intervals is recommended for individuals with late latent syphilis or latent syphilis of unknown duration. Treatment will kill the syphilis bacterium and prevent further damage, but it will not repair damage already done.

Correct and consistent use of latex condoms can reduce the risk of syphilis only when the infected area or site of potential exposure is protected. However, a syphilis sore outside of the area covered by a latex condom can still allow transmission, so caution should be exercised even when using a condom. The surest way to avoid transmission of sexually transmitted diseases, including syphilis, is to abstain from sexual contact or to be in a long-term mutually monogamous relationship with a partner who has been tested and is known to be uninfected.

2015 State of Texas Total Syphilis Quick Facts

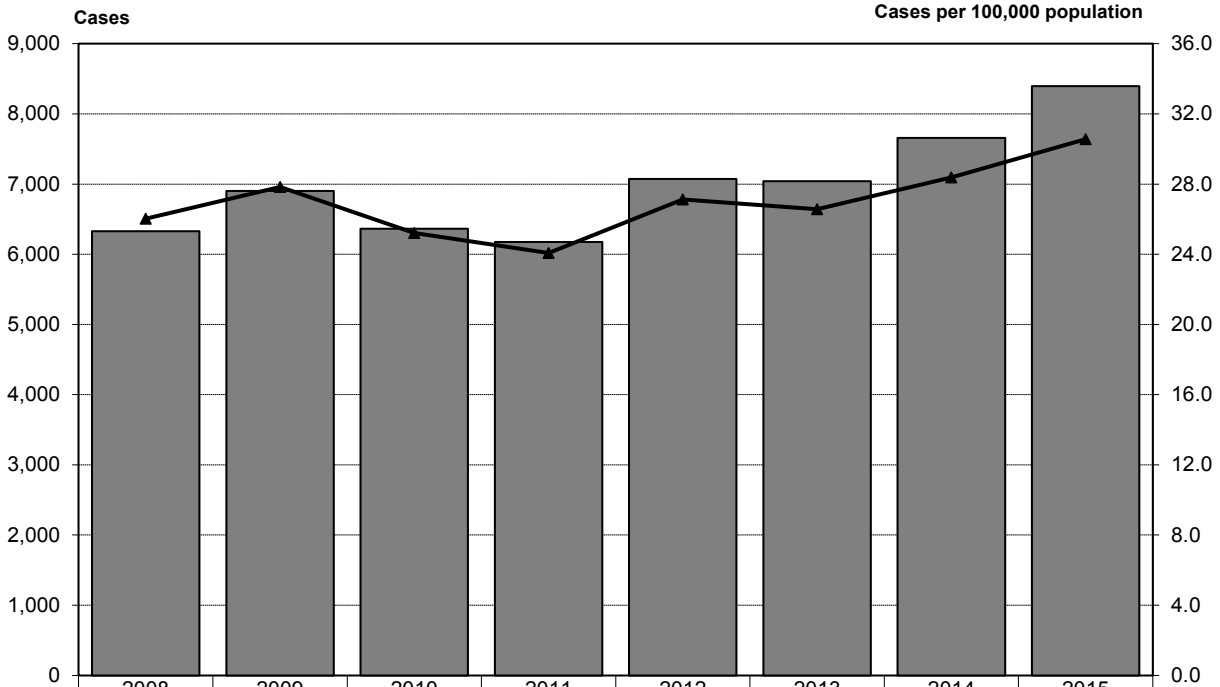
Number of reported total syphilis cases:	8,385
Total syphilis rate per 100,000 Texas residents:	30.5
Percent change in total syphilis rate from 2014:	+7.4%

2015 State of Texas Primary and Secondary Syphilis Quick Facts

Number of reported primary and secondary syphilis cases:	1,706
Primary and secondary syphilis rate per 100,000 Texas residents:	6.2
Percent change in primary and secondary syphilis rate from 2014:	+3.3%

***Source: Centers for Disease Control and Prevention Syphilis & MSM CDC Fact Sheet (Detailed Version), 2015.**

Texas Total Syphilis Cases and Case Rates by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Cases	6,328	6,903	6,365	6,175	7,075	7,042	7,656	8,395
Case Rate	26.0	27.8	25.2	24.1	27.1	26.6	28.4	30.6

Total Syphilis Cases and Rates by Sex, Race/Ethnicity and Age Group, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Sex																
Male	3,921	32.5	4,451	36.2	4,234	33.8	4,391	34.5	5,289	40.8	5,379	40.9	5,877	43.9	6,561	48.1
Female	2,404	19.6	2,446	19.6	2,130	16.7	1,783	13.8	1,783	13.6	1,663	12.5	1,774	13.1	1,828	13.2
Unknown	3		6		1		1		3		0		5		6	
Race																
White	1,278	11.1	1,305	11.3	1,137	9.8	1,251	10.7	1,674	14.2	1,621	13.7	1,759	14.7	1,955	16.2
Black	3,085	107.7	3,387	115.8	3,049	102.2	2,704	89.0	2,593	83.4	2,431	76.6	2,694	83.0	2,628	79.0
Hispanic	1,825	20.4	2,063	22.3	2,035	21.4	2,102	21.6	2,628	26.4	2,781	27.3	2,916	28.0	3,428	32.1
Other	109	10.6	111	10.3	116	10.3	112	9.5	144	11.7	167	12.9	203	14.9	203	14.1
Unknown	31		37		28		6		36		42		84		181	
Age Group																
0 - 9	131	3.5	128	3.4	110	2.8	100	2.6	78	2.0	73	1.9	74	1.9	62	1.5
10 - 14	18	1.0	12	0.6	14	0.7	10	0.5	10	0.5	5	0.3	8	0.4	9	0.4
15 - 19	548	29.7	655	34.9	589	31.3	506	26.9	479	25.5	424	22.4	452	23.7	470	24.2
20 - 24	1,186	66.7	1,459	81.2	1,440	78.7	1,334	71.1	1,423	73.5	1,401	71.0	1,610	80.3	1,688	83.7
25 - 29	1,072	59.2	1,180	64.1	1,075	57.8	1,062	56.6	1,253	65.9	1,335	69.5	1,558	79.2	1,778	87.9
30 - 34	787	46.7	830	48.1	805	45.4	849	46.7	928	49.6	974	50.8	1,101	56.2	1,236	62.1
35 - 39	688	39.4	721	40.9	649	36.8	610	34.9	728	41.4	717	40.4	748	41.3	862	46.2
40 - 44	647	38.6	642	38.2	562	33.0	567	32.4	709	39.7	655	36.2	689	37.7	724	39.6
45+	1,251	15.3	1,276	15.1	1,121	12.9	1,137	12.8	1,467	16.1	1,458	15.7	1,416	14.9	1,566	16.0
Unknown	0		0		0		0		0		0		0		0	
Total	6,328	26.0	6,903	27.8	6,365	25.2	6,175	24.1	7,075	27.1	7,042	26.6	7,656	28.4	8,395	30.6

* Rates represent cases per 100,000 population.

Note: Transgender persons may be included in male, female, or unknown sex categories

Total Syphilis Cases by Age Group, Race/Ethnicity and Sex, 2015

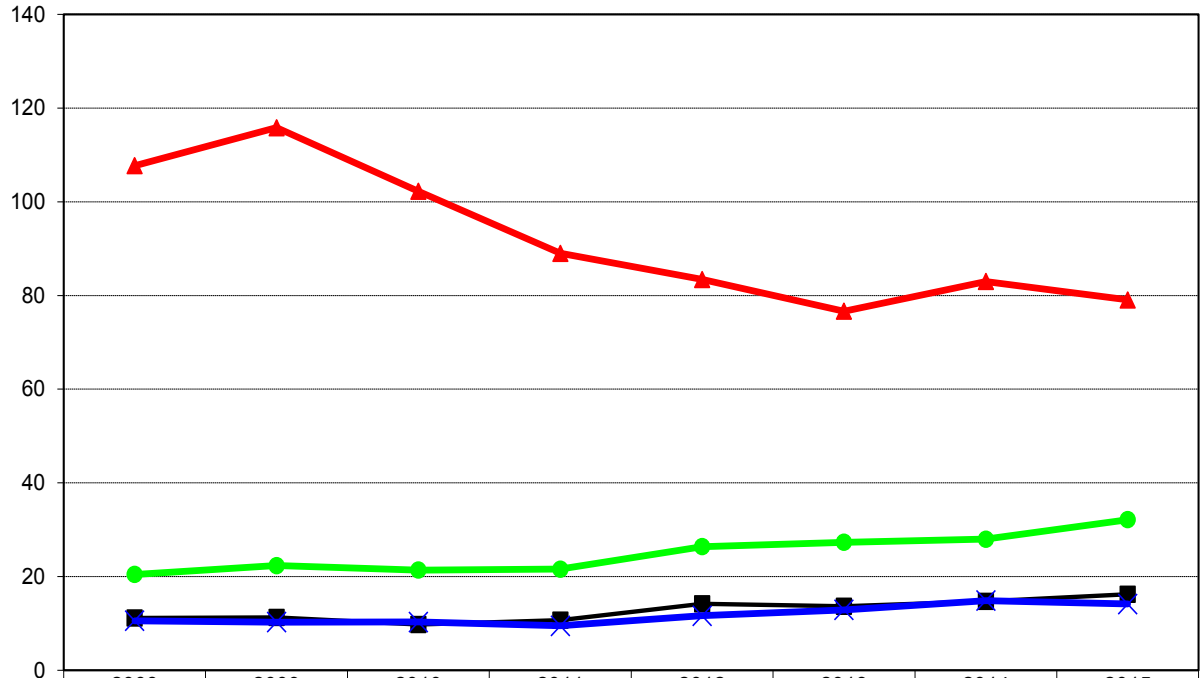
Age Group	Male						Female						Unk Sex	Total	Percent
	White	Black	Hisp.	Other	Unk	Total	White	Black	Hisp.	Other	Unk	Total			
0 - 9	2	7	18	0	0	27	3	12	13	1	2	31	4	62	0.7%
10 - 14	0	0	2	0	0	2	0	2	5	0	0	7	0	9	0.1%
15 - 19	37	101	116	5	6	265	28	88	83	4	2	205	0	470	5.6%
20 - 24	220	409	564	30	18	1,241	56	208	169	9	5	447	0	1,688	20.1%
25 - 29	268	509	576	39	30	1,422	68	124	148	9	7	356	0	1,778	21.2%
30 - 34	211	290	428	22	21	972	49	96	112	4	3	264	0	1,236	14.7%
35 - 39	184	182	304	16	9	695	23	53	77	7	7	167	0	862	10.3%
40 - 44	202	130	227	15	13	587	24	48	54	4	6	136	1	724	8.6%
45+	546	290	446	30	38	1,350	33	77	84	8	13	215	1	1,566	18.7%
Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Total	1,670	1,918	2,681	157	135	6,561	284	708	745	46	45	1,828	6	8,395	
Percent	25.5%	29.2%	40.9%	2.4%	2.1%		15.5%	38.7%	40.8%	2.5%	2.5%				
				Percent Male		78.2%				Percent Female		21.8%			

Total White	1,954	23.3%
Total Black	2,626	31.3%
Total Hispanic	3,426	40.8%
Total Other	203	2.4%
Total Unknown	186	2.2%
Total	8,395	

Note: Transgender persons may be included in male, female, or unknown sex categories

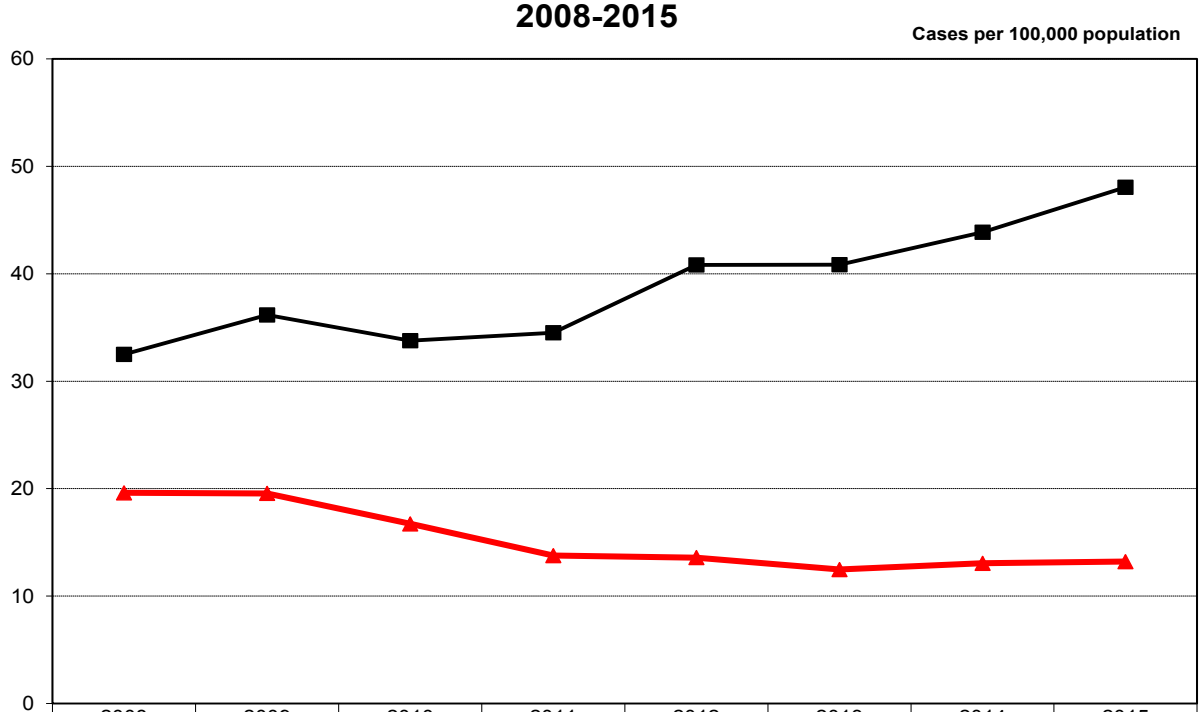
Texas Total Syphilis Case Rates by Race and Year of Diagnosis, 2008-2015

Cases per 100,000 population



	2008	2009	2010	2011	2012	2013	2014	2015
White	11.1	11.3	9.8	10.7	14.2	13.7	14.7	16.2
Black	107.7	115.8	102.2	89.0	83.4	76.6	83.0	79.0
Hispanic	20.4	22.3	21.4	21.6	26.4	27.3	28.0	32.1
Other	10.6	10.3	10.3	9.5	11.7	12.9	14.9	14.1

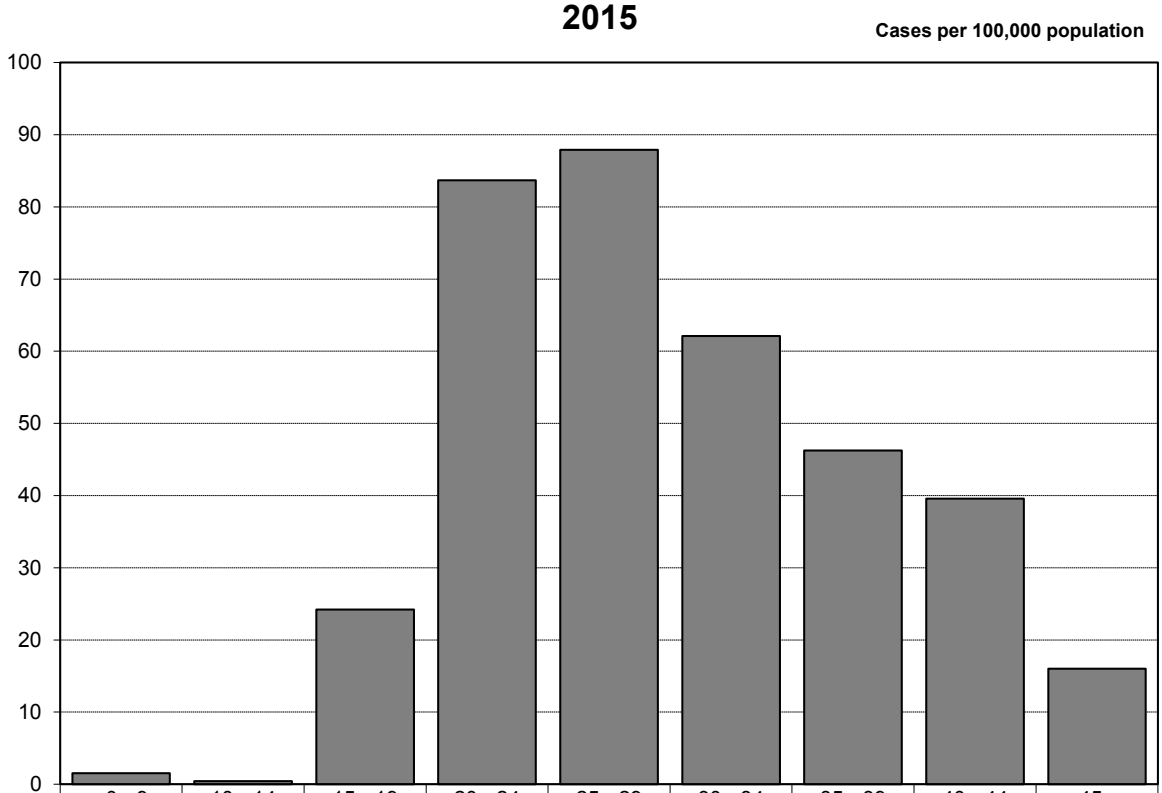
Texas Total Syphilis Case Rates by Sex and Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Male	32.5	36.2	33.8	34.5	40.8	40.9	43.9	48.1
Female	19.6	19.6	16.7	13.8	13.6	12.5	13.1	13.2

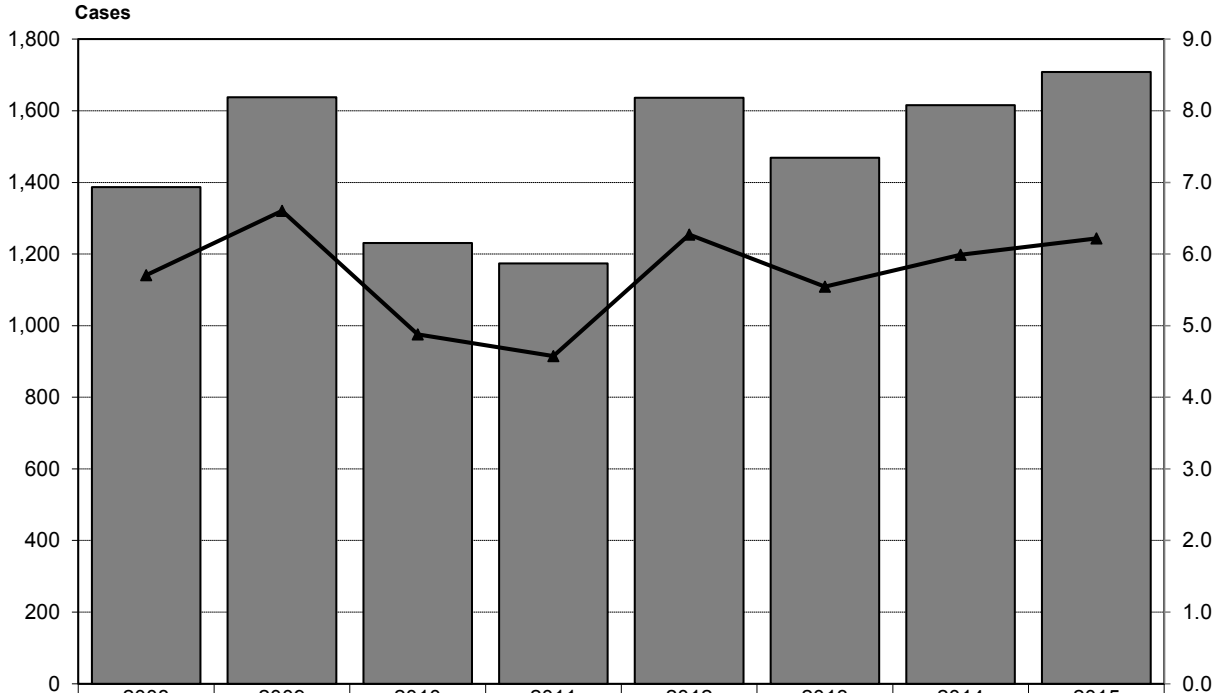
Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Total Syphilis Case Rates by Age Group and Year of Diagnosis, 2015



	0 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45+
Age Group Rate	1.5	0.4	24.2	83.7	87.9	62.1	46.2	39.6	16.0

Texas Primary and Secondary Syphilis Cases and Case Rates by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Cases	1,387	1,638	1,231	1,174	1,636	1,469	1,616	1,708
Case Rate	5.7	6.6	4.9	4.6	6.3	5.5	6.0	6.2

P&S Syphilis Cases and Rates by Sex, Race/Ethnicity and Age Group, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Sex																
Male	932	7.7	1,153	9.4	892	7.1	919	7.2	1,359	10.5	1,282	9.7	1,372	10.2	1,476	10.8
Female	455	3.7	485	3.9	339	2.7	255	2.0	277	2.1	187	1.4	244	1.8	232	1.7
Unknown	0		0		0		0		0		0		0		0	
Race																
White	297	2.6	304	2.6	222	1.9	272	2.3	421	3.6	393	3.3	448	3.7	448	3.7
Black	783	27.3	979	33.5	694	23.3	523	17.2	569	18.3	509	16.0	595	18.3	531	16.0
Hispanic	291	3.3	334	3.6	297	3.1	359	3.7	615	6.2	530	5.2	523	5.0	672	6.3
Other	14	1.4	14	1.3	16	1.4	19	1.6	29	2.3	33	2.5	42	3.1	40	2.8
Unknown	2		7		2		1		2		4		8		17	
Age Group																
0 - 9	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10 - 14	8	0.4	3	0.2	2	0.1	2	0.1	1	0.1	0	0.0	3	0.2	0	0.0
15 - 19	144	7.8	190	10.1	142	7.5	122	6.5	118	6.3	99	5.2	97	5.1	121	6.2
20 - 24	311	17.5	427	23.8	345	18.9	331	17.6	408	21.1	338	17.1	432	21.5	439	21.8
25 - 29	249	13.8	304	16.5	237	12.7	208	11.1	316	16.6	322	16.8	368	18.7	419	20.7
30 - 34	180	10.7	196	11.4	160	9.0	154	8.5	214	11.4	193	10.1	220	11.2	221	11.1
35 - 39	139	8.0	144	8.2	104	5.9	99	5.7	155	8.8	132	7.4	152	8.4	144	7.7
40 - 44	130	7.8	123	7.3	91	5.3	97	5.5	147	8.2	137	7.6	117	6.4	117	6.4
45+	225	2.7	250	3.0	150	1.7	161	1.8	277	3.0	248	2.7	227	2.4	247	2.5
Unknown	0		0		0		0		0		0		0		0	
Total	1,387	5.7	1,638	6.6	1,231	4.9	1,174	4.6	1,636	6.3	1,469	5.5	1,616	6.0	1,708	6.2

* Rates represent cases per 100,000 population.

Note: Transgender persons may be included in male, female, or unknown sex categories

Primary & Secondary Syphilis Cases by Age Group, Race/Ethnicity and Sex, 2015

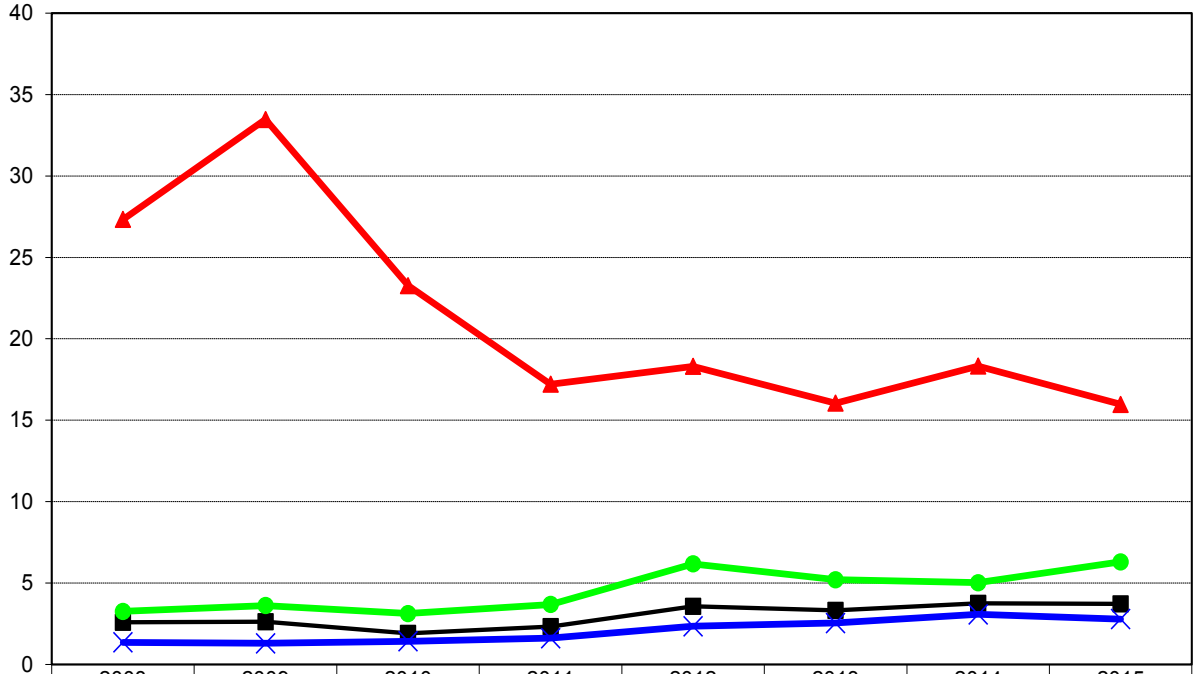
Age Group	Male						Female						Unk Sex	Total	Percent
	White	Black	Hisp.	Other	Unk	Total	White	Black	Hisp.	Other	Unk	Total			
0 - 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10 - 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
15 - 19	9	32	41	0	1	83	4	25	9	0	0	38	0	121	7.1%
20 - 24	75	120	151	11	4	361	10	45	22	1	0	78	0	439	25.7%
25 - 29	87	123	151	12	2	375	5	20	19	0	0	44	0	419	24.5%
30 - 34	45	49	95	5	3	197	4	12	8	0	0	24	0	221	12.9%
35 - 39	33	32	55	5	1	126	6	2	10	0	0	18	0	144	8.4%
40 - 44	44	21	34	3	2	104	3	3	6	0	1	13	0	117	6.9%
45+	119	40	65	3	3	230	4	7	6	0	0	17	0	247	14.5%
Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Total	412	417	592	39	16	1,476	36	114	80	1	1	232	0	1,708	
Percent	27.9%	28.3%	40.1%	2.6%	1.1%		15.5%	49.1%	34.5%	0.4%	0.4%				
				Percent Male		86.4%				Percent Female		13.6%			

Total White	448	26.2%
Total Black	531	31.1%
Total Hispanic	672	39.3%
Total Other	40	2.3%
Total Unknown	17	1.0%
Total	**1,708**	

Note: Transgender persons may be included in male, female, or unknown sex categories

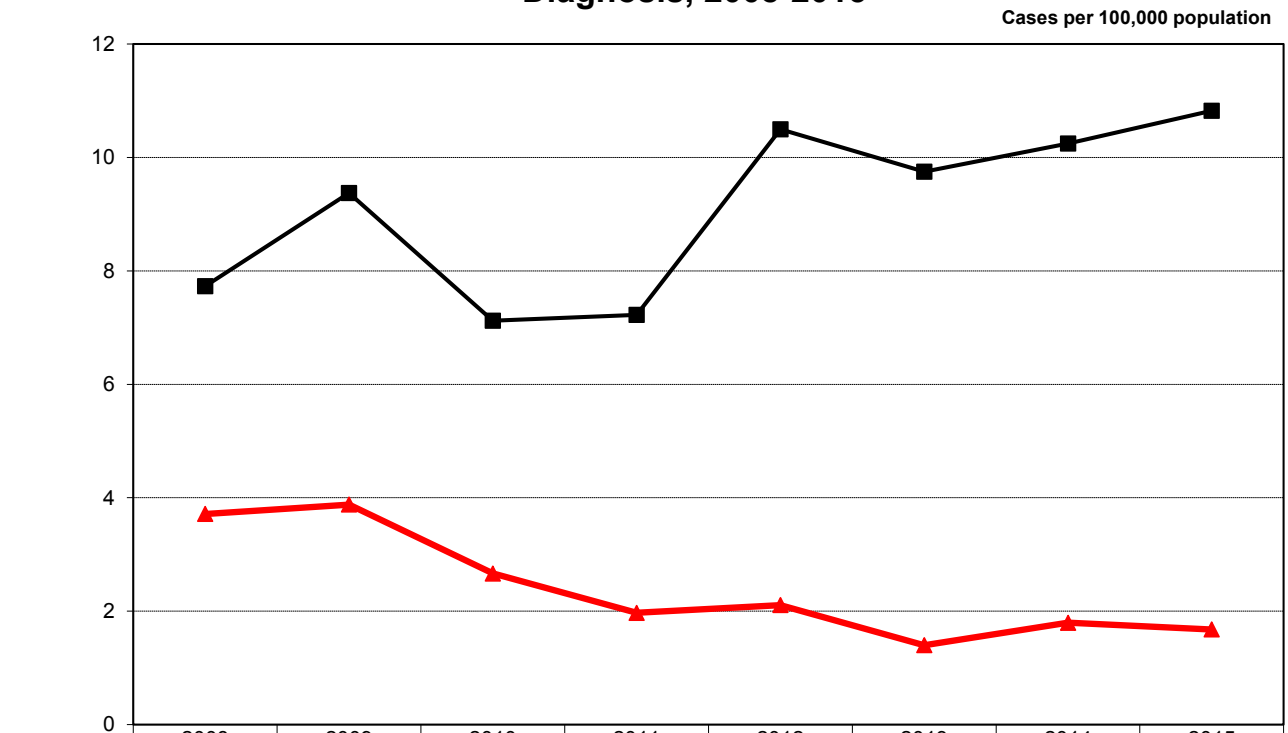
Texas Primary and Secondary Syphilis Case Rates by Race and Year of Diagnosis, 2008-2015

Cases per 100,000 population



	2008	2009	2010	2011	2012	2013	2014	2015
White	2.6	2.6	1.9	2.3	3.6	3.3	3.7	3.7
Black	27.3	33.5	23.3	17.2	18.3	16.0	18.3	16.0
Hispanic	3.3	3.6	3.1	3.7	6.2	5.2	5.0	6.3
Other	1.4	1.3	1.4	1.6	2.3	2.5	3.1	2.8

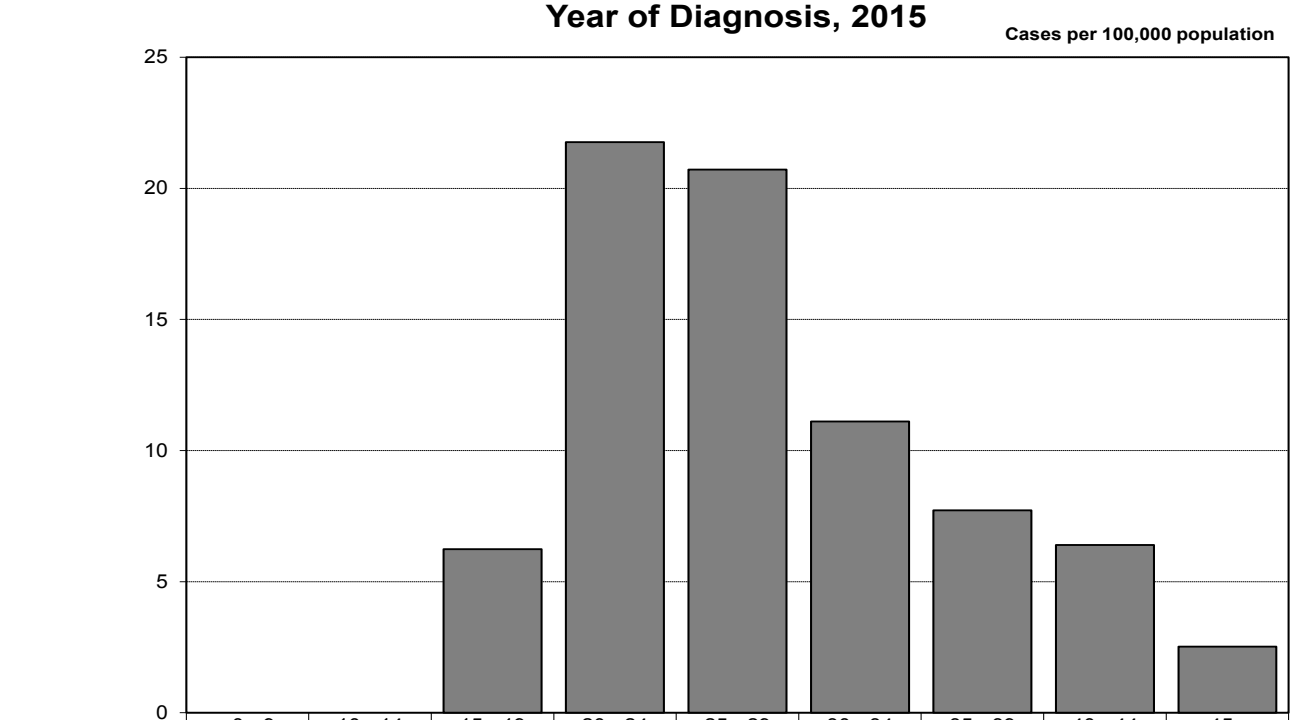
Texas Primary and Secondary Syphilis Case Rates by Sex and Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Male	7.7	9.4	7.1	7.2	10.5	9.7	10.2	10.8
Female	3.7	3.9	2.7	2.0	2.1	1.4	1.8	1.7

Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Primary and Secondary Syphilis Case Rates by Age Group and Year of Diagnosis, 2015



	0 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45+
Age Group Rate	-	-	6.2	21.8	20.7	11.1	7.7	6.4	2.5

CONGENITAL SYPHILIS: Brief Overview and Quick Facts

Description and Background*

Congenital syphilis is caused by the bacterium Treponema pallidum, which is passed from mother to child during fetal development or at birth. Nearly half of all children infected with syphilis while they are in the womb die shortly before or after birth.

Impact and Risk**

Nationally, the congenital syphilis rate has been increasing since 2013, from 8.4 cases per 100,000 live births in 2012 to 11.5 cases per 100,000 live births in 2014. Among Blacks, the rate of congenital syphilis was 38.2 cases per 100,000 live births and among Hispanics, the rate of congenital syphilis was 12.1 cases per 100,000 live births. The rate among Whites was 3.7 per 100,000 live births.

Congenital Syphilis Screening and Treatment***

All pregnant women should be tested for syphilis at the first prenatal visit. The syphilis screening test should be repeated during the third trimester (28 to 32 weeks gestation) and at delivery in women who are at high risk for syphilis, live in areas of high syphilis morbidity, are previously untested or had a positive screening test in the first trimester.

Depending on how long a pregnant woman has been infected, she may have a high risk of having a stillbirth (a baby born dead) or of giving birth to a baby who dies shortly after birth. Untreated syphilis in pregnant women results in infant death in up to 40% of cases. Any woman who delivers a stillborn infant after 20 weeks' gestation should also be tested for syphilis. An infected baby born alive may not have signs or symptoms of disease. If not treated immediately, the baby may develop serious problems within a few weeks. Untreated babies may become developmentally delayed, have seizures or die. All babies born to mothers who test positive for syphilis during pregnancy should be screened and examined thoroughly for evidence of congenital syphilis.

For pregnant women, only penicillin therapy can be used to treat syphilis and prevent passing the disease to her baby; treatment with penicillin is extremely effective (success rate of 98%) in preventing mother-to-child transmission. Pregnant women who are allergic to penicillin should be referred to a specialist for desensitization to penicillin.

2015 State of Texas Congenital Syphilis Quick Facts

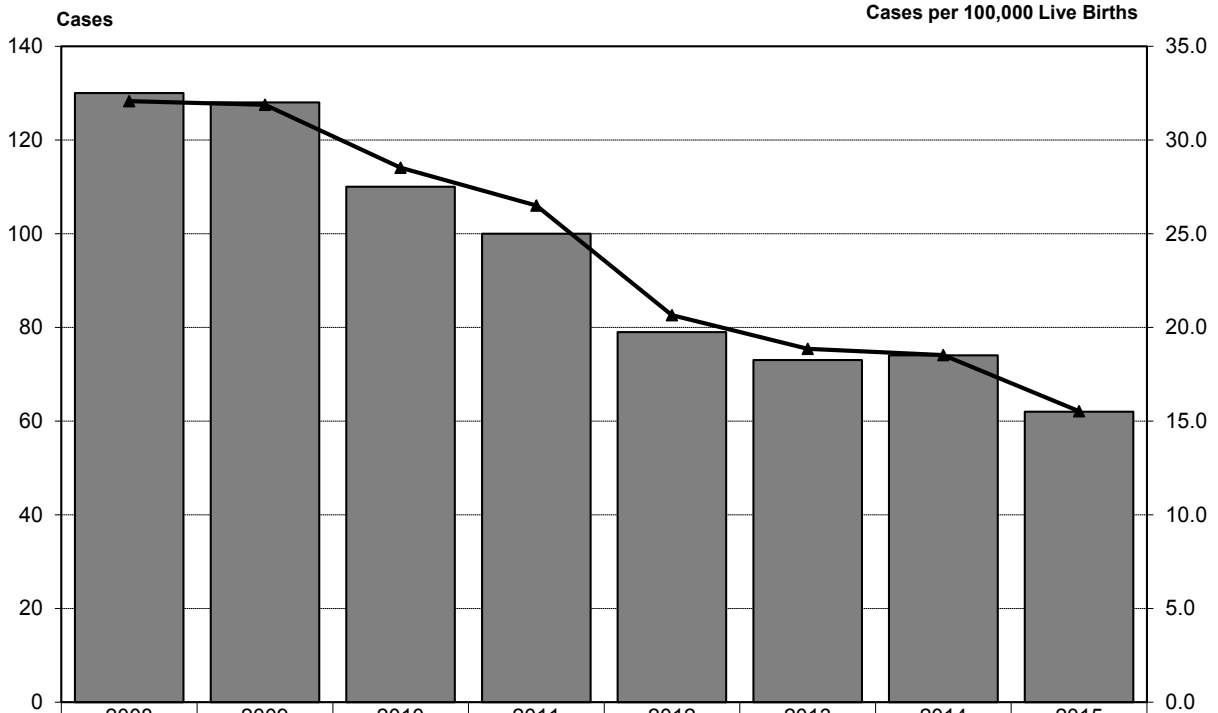
Number of reported congenital syphilis cases:	65
Congenital syphilis rate per 100,000 Texas births:	15.5
Percent change in congenital syphilis rate from 2014:	-14.3%

***Source: National Institutes of Health Medline Plus-Congenital Syphilis 2014.**

****Source: Centers for Disease Control and Surveillance, 2014 STD Surveillance Report**

*****Source: Centers for Disease Control and Prevention Syphilis CDC Fact Sheet (Detailed Version), 2015**

Texas Congenital Syphilis Cases and Case Rates by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Cases	130	128	110	100	79	73	74	62
Case Rate	32.1	31.9	28.5	26.5	20.7	18.9	18.5	15.5

Congenital Syphilis Cases and Rates by Race/Ethnicity, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Race																
White	18	13.0	11	8.1	15	11.2	13	9.8	13	9.8	10	7.5	11	8.0	6	4.4
Black	67	146.2	61	134.1	55	123.5	50	116.0	31	71.9	30	68.0	38	82.7	21	45.7
Hispanic	43	21.2	52	25.9	36	19.0	35	19.2	33	18.0	31	16.7	24	12.7	32	16.9
Other	2	10.8	2	10.7	2	10.6	2	10.2	2	8.3	1	4.1	0	0.0	1	3.7
Unknown	0		2		2		0		0		1		1		2	
Total	130	32.1	128	31.9	110	28.5	100	26.5	79	20.7	73	18.9	74	18.5	62	15.5

* Rates represent cases per 100,000 live births. 2015 rates are based on 2014 birth data.

Appendix A
Chlamydia Cases and Rates
By County of Residence
2008-2015

Chlamydia Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	142	245.0	102	174.6	146	249.6	202	346.2	196	337.9	223	385.2	215	372.3	194	336.9
Andrews	37	262.4	70	479.4	54	364.0	69	448.3	67	415.6	58	345.2	63	360.9	67	370.1
Angelina	224	263.7	283	329.0	370	425.7	402	460.3	438	499.9	467	532.7	476	541.7	483	547.3
Aransas	96	413.3	111	476.6	139	599.1	107	458.7	125	527.7	129	533.9	126	505.4	159	627.2
Archer	13	142.8	14	155.2	11	120.8	7	79.2	21	239.2	18	205.6	21	238.4	113	1,296.6
Armstrong	3	155.0	4	209.3	4	210.6	3	155.4	4	205.7	6	306.6	1	51.3	31	1,592.2
Atascosa	111	252.6	113	253.2	138	306.9	146	321.1	200	430.6	213	452.5	202	422.5	211	435.6
Austin	47	168.2	58	205.3	66	232.6	52	181.8	66	231.1	65	226.4	58	200.0	75	253.7
Bailey	23	329.6	33	468.1	33	461.3	14	194.7	22	308.3	23	322.6	18	258.6	20	277.4
Bandera	20	98.0	25	122.8	31	150.8	19	92.4	20	97.0	25	121.2	14	66.9	19	89.3
Bastrop	233	321.9	186	252.8	197	265.0	276	367.3	262	349.9	262	344.6	301	385.2	490	608.5
Baylor	15	400.3	4	107.4	12	322.8	10	269.5	4	110.6	9	249.5	5	139.4	4	110.6
Bee	129	405.5	136	426.8	144	451.6	167	516.9	139	428.5	198	604.4	174	528.7	190	578.0
Bell	3,167	1,063.2	3,472	1,153.3	3,839	1,226.6	3,965	1,254.3	3,978	1,231.2	3,809	1,166.1	3,449	1,047.1	3,833	1,144.4
Bexar	8,837	535.0	10,382	615.9	11,319	656.9	11,810	672.6	11,338	633.5	11,545	633.0	11,125	598.0	13,069	688.7
Blanco	16	159.0	17	164.8	17	161.9	22	208.4	22	207.1	23	216.3	31	287.1	44	399.9
Borden	1	163.4	0	0.0	1	155.5	1	159.2	1	163.1	1	156.7	0	0.0	0	0.0
Bosque	32	178.4	34	188.8	34	186.2	39	213.7	33	182.2	34	190.3	47	265.0	45	251.5
Bowie	406	444.4	402	435.9	421	454.3	365	393.8	398	427.9	512	548.2	526	563.8	503	538.6
Brazoria	696	231.0	751	242.9	1,018	323.7	1,048	328.1	1,015	312.8	1,142	345.7	1,145	338.6	1,171	338.1
Brazos	780	421.4	885	462.3	971	496.2	1,008	510.4	1,047	522.6	1,046	512.0	1,316	629.1	1,369	636.6
Brewster	40	451.1	42	463.9	20	215.7	41	438.3	43	465.0	39	420.2	50	546.6	59	645.2
Briscoe	0	0.0	0	0.0	1	61.3	2	121.4	0	0.0	3	194.2	1	65.1	5	332.2
Brooks	28	381.2	43	589.3	52	722.3	48	665.3	38	529.0	37	511.3	41	566.1	54	746.9
Brown	123	322.5	148	389.5	148	388.3	143	376.2	106	279.9	113	299.2	150	398.7	153	403.7
Burleson	42	246.7	43	251.8	52	302.0	54	313.2	78	450.2	62	361.2	72	416.9	84	481.1
Burnet	87	204.8	89	208.9	89	208.1	102	235.3	111	254.7	122	278.0	126	283.5	173	380.5
Caldwell	131	347.7	144	380.7	180	472.4	202	525.2	181	467.6	197	502.0	189	474.9	328	809.4
Calhoun	48	227.2	42	196.4	56	262.6	68	318.5	74	343.2	71	326.7	69	316.6	60	274.0
Callahan	14	103.9	16	118.1	23	170.1	22	162.5	24	177.5	25	184.8	24	177.5	43	317.2
Cameron	1,232	313.5	1,328	331.7	1,381	338.8	1,643	397.7	1,715	412.3	1,803	431.3	1,933	459.8	1,726	408.9
Camp	42	340.6	37	299.3	37	298.1	46	370.7	54	433.4	76	612.3	74	586.5	49	386.4
Carson	2	31.9	9	144.7	6	97.3	9	143.5	12	196.4	7	117.0	8	133.2	31	519.3
Cass	81	268.1	76	250.8	82	269.5	96	314.8	79	261.7	118	388.6	97	320.4	63	207.8
Castro	28	360.9	24	305.5	24	295.9	17	211.0	28	341.7	31	386.2	12	153.7	22	287.4
Chambers	23	72.7	21	61.3	32	90.3	19	53.3	31	85.2	44	118.2	38	99.7	90	231.6
Cherokee	137	274.1	173	342.9	179	351.6	245	480.2	227	443.2	222	435.3	251	491.7	254	492.8
Childress	14	196.5	11	156.5	19	269.0	26	370.9	23	324.7	21	298.0	16	226.5	23	324.5
Clay	13	119.9	8	73.9	17	158.4	9	84.2	10	95.1	20	191.4	20	192.7	17	164.1
Cochran	16	516.1	11	356.4	11	350.7	9	293.2	7	231.8	9	300.2	10	342.1	10	338.6
Coke	7	209.1	8	241.7	5	150.6	7	213.3	10	310.5	16	499.1	6	185.1	0	0.0
Coleman	9	101.1	20	225.6	15	169.0	16	183.1	11	126.9	16	187.7	26	309.0	21	251.9
Collin	1,415	190.9	1,571	205.1	1,710	216.8	1,993	244.6	2,161	258.0	2,030	236.4	2,098	236.8	2,301	251.7
Collingsworth	11	364.6	5	164.4	15	491.0	8	258.2	10	330.4	7	226.0	9	297.6	8	262.8
Colorado	49	235.4	45	216.5	43	205.9	55	264.3	52	251.3	59	284.5	80	386.9	78	373.7
Comal	156	151.1	177	166.4	216	197.6	283	252.5	327	284.5	377	317.7	300	243.0	430	333.2
Comanche	13	94.0	15	107.8	25	179.0	22	158.5	24	174.8	33	243.1	25	185.2	37	275.5
Concho	2	48.7	8	196.3	10	244.0	6	144.9	7	172.2	5	122.0	1	24.7	10	245.0
Cooke	81	211.9	83	216.1	111	288.6	102	265.6	106	273.3	118	306.1	127	327.1	110	280.4
Coryell	235	315.2	210	281.2	253	334.6	309	403.3	361	469.7	342	449.0	357	472.8	364	482.1
Cottle	0	0.0	1	66.3	0	0.0	3	198.8	2	134.7	4	276.1	1	70.1	9	631.1
Crane	6	144.3	10	230.8	4	91.3	10	229.1	7	153.4	15	316.1	12	243.6	14	277.3
Crockett	11	290.8	7	187.2	11	296.6	22	599.0	9	242.5	11	293.2	8	211.6	9	242.6
Crosby	28	452.2	27	445.8	33	545.9	30	493.0	18	295.3	29	484.3	32	543.5	16	267.7
Culberson	4	160.6	4	167.8	8	333.5	5	210.3	9	390.1	9	392.7	11	485.4	7	313.1
Dallam	13	199.8	21	319.6	29	430.0	31	453.6	27	386.7	25	355.9	18	253.2	31	435.3
Dallas	14,078	608.4	13,711	584.3	15,293	644.3	16,838	698.7	16,261	662.0	14,636	588.8	17,179	681.8	15,341	600.8
Dawson	48	347.7	60	436.6	60	433.7	79	573.0	64	468.9	45	339.6	60	444.3	50	369.8
Deaf Smith	73	383.1	66	345.8	82	421.7	61	313.0	136	702.0	92	478.8	92	479.1	84	443.2
Delta	8	152.3	6	115.8	10	190.9	17	327.0	14	264.3	13	250.7	18	345.0	9	172.5
Denton	1,166	185.0	1,317	202.7	1,486	222.8	1,781	259.7	1,812	255.8	1,986	272.2	2,083	276.0	2,205	282.5
DeWitt	60	301.5	37	184.6	61	304.1	79	389.1	79	386.2	106	517.6	70	338.7	120	577.0
Dickens	4	166.7	8	330.2	2	81.8	1	41.7	4	172.9	4	175.3	4	181.4	3	136.0
Dimmit	48	488.2	32	324.9	37	368.7	58	574.5	64	611.2	72	662.5	57	518.4	75	683.1

* Rates represent cases per 100,000 population.

Chlamydia Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	7	189.8	14	381.5	26	708.4	16	434.2	11	300.8	15	419.5	4	113.6	6	171.5
Duval	17	142.3	49	411.2	42	352.4	45	381.6	49	423.1	61	525.6	78	677.1	83	728.8
Eastland	13	70.2	19	102.7	33	178.4	35	188.4	29	157.5	36	197.3	29	159.1	48	264.2
Ector	662	497.5	728	531.7	789	576.2	833	596.1	795	550.0	1,037	692.9	1,070	693.0	1,066	668.6
Edwards	2	96.0	2	99.4	6	298.2	8	405.9	1	50.7	6	319.8	3	159.7	8	422.4
Ellis	385	266.6	436	295.8	441	299.2	501	328.7	457	297.2	467	299.1	487	305.6	589	360.0
El Paso	3,312	430.2	3,465	440.4	4,350	552.9	4,588	559.5	5,366	645.1	4,967	596.7	4,960	593.6	4,506	539.3
Erath	88	237.0	117	311.2	69	183.5	128	328.3	138	349.6	168	420.0	176	433.3	190	462.0
Falls	87	491.6	94	529.2	115	647.4	104	582.0	101	573.7	90	521.4	98	570.6	89	519.2
Fannin	71	209.6	78	230.3	100	295.3	73	215.2	82	243.4	87	258.5	90	266.5	61	181.0
Fayette	33	135.5	33	134.9	41	167.6	51	206.1	67	271.0	46	185.5	53	213.1	62	246.9
Fisher	12	295.2	6	149.5	9	224.2	16	404.6	14	364.9	9	234.3	15	391.8	18	470.3
Floyd	19	291.1	19	291.9	30	461.0	19	297.6	30	471.3	24	383.0	19	318.2	15	254.2
Foard	3	224.9	0	0.0	0	0.0	0	0.0	1	76.5	0	0.0	1	78.9	1	82.0
Fort Bend	1,114	205.2	1,091	191.7	1,271	223.3	1,149	189.1	1,254	200.1	1,406	214.8	1,421	206.9	1,978	276.2
Franklin	23	216.9	46	433.9	34	320.7	36	341.7	35	329.4	40	377.7	36	339.8	33	309.8
Freestone	45	231.4	41	207.7	57	288.7	66	336.8	53	272.6	50	255.7	54	274.9	41	208.2
Frio	63	371.9	81	473.1	83	484.8	74	423.6	77	431.7	74	407.3	103	554.4	93	494.9
Gaines	19	114.2	42	244.7	24	139.8	35	194.2	30	163.2	33	175.1	51	264.5	39	194.5
Galveston	1,010	349.9	998	347.2	1,117	388.6	1,166	394.4	1,139	377.9	1,197	389.5	1,365	434.3	1,434	445.0
Garza	22	357.3	9	141.3	16	251.3	16	243.3	13	201.4	14	218.4	32	496.5	33	514.4
Gillespie	33	136.3	47	191.0	40	162.5	30	119.9	41	163.0	38	150.0	53	207.8	86	331.2
Glasscock	1	82.1	1	81.7	0	0.0	2	162.2	2	159.0	3	241.4	0	0.0	1	76.0
Goliad	10	139.6	16	223.6	13	181.6	20	277.5	23	313.4	11	147.4	13	173.2	50	663.9
Gonzales	96	491.4	95	484.0	81	412.7	97	490.8	133	667.1	98	485.8	102	499.7	78	379.1
Gray	43	188.8	83	365.3	47	206.9	69	305.6	84	368.1	94	410.6	67	286.1	74	318.8
Grayson	305	256.7	287	239.0	359	299.0	391	322.5	368	302.6	418	342.2	384	311.1	403	321.2
Gregg	683	573.2	798	658.2	882	727.5	1,076	878.5	899	731.2	974	790.6	975	791.7	885	713.1
Grimes	66	251.2	77	291.4	87	329.3	130	487.0	128	479.3	115	428.7	136	502.4	136	494.3
Guadalupe	266	215.6	252	196.5	322	251.0	350	257.6	439	314.2	445	310.8	373	253.3	360	238.0
Hale	201	563.6	185	514.9	226	629.1	189	518.9	192	528.5	181	505.6	178	514.4	171	497.7
Hall	4	117.7	5	149.6	15	448.7	12	362.5	6	183.0	12	376.6	11	354.3	6	191.2
Hamilton	15	176.5	9	105.5	9	105.5	11	130.7	17	205.0	23	278.1	22	268.6	15	183.8
Hansford	2	36.3	6	108.0	10	180.0	7	125.4	10	181.1	4	72.1	8	144.5	9	160.4
Hardeman	7	167.2	10	244.7	10	244.7	10	242.6	16	394.6	5	124.7	8	203.4	12	312.5
Hardin	70	131.6	94	173.3	93	171.5	138	250.8	100	181.5	110	198.8	101	181.9	137	245.2
Harris	16,853	427.9	17,717	439.1	20,780	515.0	21,682	518.6	22,070	517.8	23,318	535.7	25,034	562.9	25,478	561.4
Harrison	177	276.1	177	271.5	255	391.2	364	548.6	297	448.0	283	427.4	285	428.8	273	409.0
Hartley	3	51.5	1	16.8	4	67.0	3	49.3	4	65.0	1	16.5	2	32.7	1	16.1
Haskell	11	188.4	18	307.1	12	204.7	17	284.4	12	203.6	10	169.8	16	277.4	11	191.7
Hays	886	600.0	892	580.7	854	555.9	1,100	673.6	998	592.0	1,095	621.8	1,101	594.8	1,070	549.5
Hemphill	6	163.0	11	289.3	5	131.5	12	303.3	9	221.2	11	266.9	20	480.4	6	140.7
Henderson	153	196.1	163	208.4	175	223.7	222	282.1	255	323.0	209	265.8	239	301.5	224	281.6
Hidalgo	2,753	373.7	3,179	419.7	3,143	414.9	3,313	416.6	3,167	392.1	3,288	401.4	3,621	435.4	3,345	397.1
Hill	119	340.0	94	268.5	98	280.0	144	409.4	88	250.8	85	244.4	123	354.2	144	413.1
Hockley	113	492.2	104	450.5	128	554.4	142	618.1	112	484.4	113	481.1	121	512.7	146	623.1
Hood	83	165.6	83	163.3	102	200.6	114	221.4	131	251.2	134	253.4	134	248.6	115	207.5
Hopkins	63	182.8	69	197.6	82	234.8	109	308.7	95	268.4	103	290.7	109	304.0	145	400.3
Houston	55	232.7	65	274.7	58	245.1	54	231.2	77	332.8	67	294.7	63	277.2	66	289.7
Howard	142	412.9	188	539.0	146	418.6	198	565.6	152	427.9	168	463.6	164	448.7	191	513.4
Hudspeth	8	237.1	4	116.9	12	350.6	15	439.8	8	239.7	14	422.7	7	218.0	4	118.4
Hunt	245	290.1	277	324.9	305	357.7	326	375.7	316	362.1	347	396.3	385	433.5	378	420.7
Hutchinson	61	279.2	58	261.4	73	329.1	57	259.4	64	291.5	104	476.8	63	288.8	94	432.5
Irion	1	63.7	7	441.1	6	378.1	2	124.6	5	317.7	1	62.5	3	191.3	1	64.4
Jack	17	188.3	20	220.8	12	132.5	8	88.4	10	111.0	12	134.5	10	112.6	23	259.1
Jackson	40	286.6	48	340.7	44	312.3	38	271.0	39	273.6	44	301.1	32	217.3	48	324.0
Jasper	124	352.6	95	268.9	154	435.9	124	342.2	114	318.0	126	353.3	148	415.9	140	394.3
Jeff Davis	1	43.2	6	258.0	0	0.0	0	0.0	2	86.9	3	135.1	7	320.4	1	46.4
Jefferson	1,065	427.0	1,150	457.6	1,196	475.9	1,410	556.6	1,310	521.1	1,197	473.4	1,234	488.8	1,478	581.2
Jim Hogg	12	230.9	21	399.2	22	418.3	21	398.1	26	494.7	17	325.6	12	228.8	24	461.5
Jim Wells	151	372.3	211	519.3	234	575.9	225	546.1	247	592.9	236	566.2	218	526.9	156	377.0
Johnson	270	181.7	314	208.5	338	224.5	427	281.0	430	280.3	433	279.9	420	267.2	540	337.5
Jones	44	218.6	37	184.1	43	214.0	35	172.9	41	206.5	114	569.9	30	151.4	55	275.4
Karnes	37	248.9	42	283.7	19	128.3	35	233.9	34	228.5	44	298.8	55	370.2	33	220.4

* Rates represent cases per 100,000 population.

Chlamydia Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	279	281.0	307	301.8	305	293.6	315	299.17	288	269.98	327	301.41	283	254.28	359	313.0
Kendall	50	157.5	80	245.0	73	216.97	81	234.71	90	251.88	101	269.92	89	229.61	74	183.2
Kenedy	1	243.9	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kent	0	0.0	1	126.1	0	0	1	122.1	1	119.9	0	0	0	0	2	261.8
Kerr	81	165.8	95	192.2	99	199.4	122	245.83	112	225.03	112	224.54	119	235.59	68	133.5
Kimble	5	110.6	4	86.5	2	43.582	5	108.74	6	132.16	8	179.05	11	248.03	9	205.1
King	0	0.0	0	0.0	0	0	0	0	1	370.37	0	0	0	0	0	0.0
Kinney	4	114.1	3	84.1	6	166.9	1	27.732	7	193.37	10	277.55	9	256.78	11	309.9
Kleberg	185	586.3	215	674.5	212	661.3	207	645.72	195	606.93	186	579.42	185	578.14	228	715.7
Knox	15	411.0	11	301.6	6	161.16	9	240.64	7	186.12	11	291.7	12	311.69	7	181.3
Lamar	225	454.8	229	461.7	271	544.05	246	492.59	197	395.82	203	412.41	261	527.73	202	408.6
Lamb	57	406.1	55	398.8	60	428.57	57	404.46	68	488.65	52	378.73	42	309.16	50	373.6
Lampasas	36	181.7	34	173.0	67	339.15	78	391.1	80	397.67	62	306.85	88	434.74	73	354.6
La Salle	27	405.8	11	162.5	15	217.36	12	171.55	22	308.43	21	282.98	16	214.1	23	301.4
Lavaca	27	140.7	27	140.4	22	114.34	30	156.07	30	154.23	26	133.04	39	198.05	26	131.1
Lee	29	175.2	37	223.4	39	234.88	38	228.87	56	338.41	50	301.35	39	233.86	43	254.5
Leon	23	136.6	20	118.6	30	179.16	42	249.55	40	238.98	51	306.27	54	321.6	45	263.4
Liberty	237	316.4	188	250.5	218	287.38	222	291.82	203	265.46	252	327.14	242	309.46	241	302.6
Limestone	82	355.5	104	448.8	94	400.56	124	526.54	100	423.32	89	381.09	103	439.78	88	377.4
Lipscomb	4	125.7	2	60.1	4	121.8	4	119.44	2	58.123	4	114.55	2	56.101	7	196.1
Live Oak	19	165.5	25	219.1	19	164.54	26	225.6	27	231.2	29	244.73	31	256.6	35	286.2
Llano	14	73.6	22	114.7	32	165.43	44	232.26	30	157.18	25	129.21	34	174.9	26	131.3
Loving	0	0.0	0	0.0	0	0	1	1052.6	0	0	0	0	0	0	0	0.0
Lubbock	1,403	523.1	1,683	613.7	1,864	665.11	1,904	671.79	1,770	618.67	1,812	625.05	1,987	673.47	2,059	687.6
Lynn	7	118.0	15	253.1	12	203.32	17	289.16	22	381.08	18	316.18	17	295.5	29	506.6
McCulloch	15	182.9	21	251.0	25	303.91	19	229.52	30	362.28	31	374.98	21	256.1	26	311.7
McLennan	1,292	564.1	1,317	568.5	1,533	649.74	1,634	687.05	1,666	695.86	1,554	643.41	1,445	594.43	1,581	643.5
McMullen	6	815.2	0	0.0	2	280.9	0	0	0	0	1	130.55	3	373.13	1	122.0
Madison	32	239.9	36	267.0	34	247.42	43	313.05	49	356.99	57	412.68	71	512.56	63	447.9
Marion	24	223.3	22	206.2	23	219.11	35	335.44	24	232.83	23	224.94	24	237.29	30	295.3
Martin	19	416.8	19	403.4	10	207.64	11	224.26	11	220.31	18	341.62	10	183.49	8	141.8
Mason	4	103.2	0	0.0	3	74.72	6	148.81	0	0	5	120.63	2	49.104	6	148.8
Matagorda	111	302.4	89	243.3	101	275.17	98	267.04	122	333.75	174	476.71	120	329.05	106	288.3
Maverick	114	218.4	150	280.7	160	293.65	214	386.65	244	436.86	234	413.11	273	477.37	292	506.0
Medina	84	186.1	118	258.7	126	273.13	140	300.97	132	281.87	145	306.43	114	238.12	88	181.8
Menard	3	135.3	4	179.6	5	223.61	6	269.91	3	134.83	0	0	1	46.512	2	92.4
Midland	713	538.1	728	534.4	812	592.74	816	582.28	824	559.84	921	605.69	916	587.22	860	533.9
Milam	102	406.9	111	446.4	128	518.49	122	495.21	128	530.17	119	492.26	127	523.62	135	550.7
Mills	0	0.0	15	307.6	2	40.404	9	184.88	7	144.78	8	163.8	13	266.07	12	244.9
Mitchell	31	333.9	20	212.8	14	148.67	17	181.04	19	203.93	32	355.87	26	286.31	31	341.9
Montague	18	90.5	20	101.2	27	136.97	33	167.22	22	112.66	29	149.19	40	205.89	32	166.1
Montgomery	631	146.8	790	177.2	878	191.15	846	179.34	892	183.92	877	175.55	1,018	196.13	1,241	230.9
Moore	57	272.5	71	329.1	79	359.07	102	461.25	90	400.91	81	363.34	71	318.49	83	372.9
Morris	50	381.9	37	285.6	43	332.95	29	226.4	59	463.11	48	376.68	53	417.62	36	287.6
Motley	1	83.5	1	83.3	7	578.51	0	0	1	83.333	1	83.682	2	173.46	0	0.0
Nacogdoches	323	513.0	351	548.3	343	530.41	483	735.7	471	715.12	403	618.12	468	717.01	399	607.6
Navarro	260	548.4	264	554.8	276	576.78	303	630.13	290	603.07	225	468.16	205	426.78	241	498.7
Newton	41	284.9	35	242.3	37	256.43	49	338.12	34	237.38	22	154.83	24	169.66	29	207.4
Nolan	68	450.5	59	390.0	74	485.37	61	403.23	83	557.38	87	577.15	101	668.65	71	470.0
Nueces	1,965	589.2	2,079	614.7	2,383	700.24	2,558	745.3	2,603	748.15	2,556	724.18	2,532	710.25	2,421	673.0
Ochiltree	17	170.6	20	195.6	14	137.62	23	220.41	18	169.64	29	271.05	33	307.84	32	297.8
Oldham	0	0.0	1	49.0	1	48.78	2	96.386	7	341.96	2	95.648	3	144.79	0	0.0
Orange	211	255.4	189	231.7	281	342.64	266	323.05	250	301.35	248	298.76	201	240.66	267	316.9
Palo Pinto	31	111.0	52	185.2	73	260.16	63	224.33	54	194.1	56	201.21	78	278.81	65	233.0
Panola	63	267.7	55	232.3	72	302.71	86	357.81	94	391.44	108	452.91	96	402.7	101	425.0
Parker	166	147.0	188	162.3	208	177.28	287	242.14	337	281.33	281	233.84	280	228.45	365	289.6
Parmer	25	250.2	29	287.6	12	116.8	27	262.34	40	393.97	30	301.63	22	222.65	31	318.0
Pecos	60	393.4	73	471.3	66	425.01	54	345.42	69	442.7	62	394.75	54	339.47	51	314.8
Polk	68	148.5	93	204.2	98	215.49	103	225.44	129	281.65	109	237.41	145	313.91	161	342.8
Potter	1,103	921.2	1,038	864.2	1,084	892.81	955	780.09	1,172	953.67	1,268	1036.2	1,175	960.94	1,005	825.1
Presidio	15	195.2	21	276.6	10	126.97	19	245.1	22	290.85	18	247.05	19	269.89	22	320.0
Rains	11	99.8	11	100.4	20	182.98	9	81.633	20	182.77	17	154.15	31	281.08	26	233.0
Randall	276	236.9	366	307.3	338	278.88	319	258.57	378	302.6	448	353.69	381	296.07	310	238.0
Reagan	3	89.8	10	296.1	11	328.55	9	265.88	16	461.63	12	333.24	15	400.43	20	527.4

* Rates represent cases per 100,000 population.

Chlamydia Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	9	277.7	16	488.7	5	150.6	14	408.9	12	356.3	12	361.3	12	357.2	9	272.1
Red River	46	356.0	48	374.0	34	264.5	13	102.4	51	401.1	41	328.1	35	280.6	43	345.2
Reeves	32	242.2	32	236.2	22	159.2	30	217.8	46	330.7	66	468.5	76	528.1	66	448.0
Refugio	15	201.9	18	242.9	34	462.0	20	273.6	35	483.7	26	358.8	24	328.7	37	507.6
Roberts	0	0.0	0	0.0	1	108.1	2	214.4	0	0.0	4	434.3	1	108.6	0	0.0
Robertson	54	326.6	73	439.7	66	398.3	97	581.9	105	638.1	89	541.8	109	662.7	93	558.3
Rockwall	82	110.9	102	133.1	113	143.1	123	151.7	141	170.0	158	185.5	149	170.0	184	202.5
Runnels	9	86.2	27	259.8	25	238.0	30	284.1	22	211.1	19	184.7	23	221.0	27	255.9
Rusk	106	203.1	130	246.2	118	221.2	144	268.2	132	245.2	150	280.8	120	225.3	120	226.1
Sabine	13	123.0	26	242.5	25	230.1	28	262.2	30	286.7	35	338.2	19	183.8	26	250.8
San Augustine	19	210.2	22	246.1	24	271.3	39	440.5	30	339.4	24	275.1	42	489.3	30	354.1
San Jacinto	20	77.3	32	122.7	57	215.5	38	141.7	60	222.2	43	160.5	37	136.6	79	288.2
San Patricio	209	314.7	254	386.3	294	455.9	290	449.8	256	391.8	280	422.6	251	375.1	194	288.0
San Saba	10	167.6	12	199.1	15	244.6	18	298.0	9	150.4	10	175.1	12	205.8	8	135.6
Schleicher	4	122.9	4	120.8	11	314.3	6	181.7	6	184.5	13	406.5	4	126.6	3	93.4
Scurry	44	267.0	57	339.2	57	336.5	67	397.0	81	473.9	93	539.3	88	507.0	81	459.8
Shackelford	2	60.4	7	208.2	5	148.5	7	209.5	6	178.0	2	59.3	6	180.6	7	209.0
Shelby	63	248.2	91	356.6	69	271.3	79	307.2	102	391.9	75	289.6	80	312.7	83	326.7
Sherman	6	197.7	5	165.7	7	231.3	2	66.0	5	163.2	6	194.6	10	325.0	3	97.7
Smith	1,024	503.8	969	467.9	1,015	482.3	1,097	515.4	970	451.0	1,075	495.7	1,134	515.3	890	399.2
Somervell	16	194.3	19	225.8	15	176.5	12	142.1	19	221.3	23	267.2	13	150.0	18	206.0
Starr	180	301.2	231	382.6	197	322.0	202	327.1	132	212.8	209	334.4	170	269.2	172	269.6
Stephens	14	146.5	8	82.7	12	124.9	14	147.1	18	187.9	24	256.7	17	181.3	22	233.1
Sterling	3	256.6	3	258.6	4	351.5	4	342.2	3	252.3	0	0.0	1	74.0	2	147.9
Stonewall	2	138.6	0	0.0	2	133.8	2	135.3	2	136.2	3	209.9	1	71.6	2	141.8
Sutton	7	162.0	9	210.7	11	270.9	7	174.4	13	330.7	18	449.9	12	302.2	6	153.3
Swisher	35	448.6	31	403.6	32	405.5	37	473.0	28	355.4	27	348.5	23	303.3	21	278.8
Tarrant	7,768	445.0	7,761	435.0	7,884	434.0	7,973	431.4	8,395	446.0	8,622	450.6	8,337	428.3	8,821	444.9
Taylor	616	477.9	583	447.6	677	513.4	656	493.7	627	467.2	634	473.1	622	460.6	652	479.2
Terrell	3	339.4	0	0.0	1	99.1	4	421.5	0	0.0	1	113.3	2	224.0	0	0.0
Terry	71	572.9	61	486.1	44	347.5	55	434.9	63	500.1	59	465.3	49	383.6	63	494.5
Throckmorton	0	0.0	0	0.0	1	61.3	2	122.0	2	124.6	3	186.8	1	62.0	1	63.3
Titus	135	436.0	119	374.8	127	392.0	124	382.3	116	355.5	114	349.8	124	381.7	81	248.3
Tom Green	563	523.0	572	525.4	618	558.4	684	611.6	668	588.6	649	564.5	659	563.8	727	615.6
Travis	5,471	557.9	5,980	594.1	5,915	574.0	6,206	584.3	6,699	610.9	6,722	599.1	6,994	607.6	7,787	661.8
Trinity	14	97.4	20	138.2	32	217.5	25	170.6	29	202.5	40	277.6	33	231.7	35	243.0
Tyler	42	194.7	28	128.8	28	128.7	44	203.0	51	237.8	36	167.8	36	168.3	39	182.7
Upshur	98	253.2	99	253.3	108	274.3	96	241.4	89	222.8	129	324.1	120	297.3	73	179.8
Upton	12	371.4	12	360.7	5	149.6	8	243.5	11	337.5	10	297.2	9	259.7	14	383.5
Uvalde	86	328.2	107	408.0	144	544.5	196	737.3	206	769.4	168	623.5	139	510.8	94	345.0
Val Verde	171	357.1	176	363.2	143	291.8	166	338.8	245	500.6	190	387.3	222	453.8	228	465.4
Van Zandt	82	156.3	93	177.6	78	148.2	107	203.5	128	244.7	134	255.7	139	263.1	100	186.8
Victoria	362	422.1	340	392.5	377	434.0	502	573.9	498	557.7	480	532.5	484	530.6	472	510.9
Walker	217	330.2	201	301.1	299	438.3	298	436.2	352	513.9	415	598.5	350	501.4	419	592.7
Waller	135	332.7	149	354.0	182	418.8	138	313.5	164	369.9	163	358.9	158	337.6	199	409.0
Ward	35	330.6	36	335.4	25	235.8	38	355.6	36	331.3	50	444.9	42	361.7	54	460.7
Washington	99	301.2	108	322.8	169	501.1	145	426.9	159	469.3	164	480.1	179	520.2	164	471.7
Webb	908	377.9	885	359.9	1,025	407.8	995	389.2	1,032	396.9	1,076	407.8	1,274	477.1	1,123	416.4
Wharton	134	327.7	91	222.0	92	222.7	134	324.9	141	342.6	195	472.9	149	361.7	161	388.1
Wheeler	6	115.4	10	186.0	14	259.5	11	201.7	10	178.9	10	175.0	8	140.9	8	141.4
Wichita	739	567.0	677	517.1	688	522.0	653	499.0	641	486.4	672	507.2	612	460.3	666	505.7
Wilbarger	43	318.4	27	198.9	44	325.9	44	327.7	52	392.3	39	296.9	46	355.4	45	345.4
Willacy	93	427.3	92	420.8	97	436.9	68	307.4	115	519.9	87	396.3	127	579.5	83	378.9
Williamson	1,028	260.0	1,015	247.1	1,055	247.4	1,175	265.6	1,306	286.1	1,459	309.7	1,505	307.5	1,407	276.7
Wilson	68	163.2	65	154.1	66	153.2	108	247.1	122	274.5	104	228.9	98	211.0	99	208.3
Winkler	24	341.7	15	210.4	20	282.5	15	210.1	32	436.2	28	368.4	39	500.1	18	224.9
Wise	84	144.4	78	131.9	96	162.4	123	205.1	136	225.1	124	203.1	98	158.5	130	206.5
Wood	42	100.7	51	121.8	48	114.3	63	149.4	45	105.9	70	164.5	90	209.4	90	207.6
Yoakum	20	257.6	20	252.9	16	204.0	26	325.6	18	223.9	34	416.3	20	240.2	26	304.2
Young	28	154.7	37	200.4	34	183.4	37	201.6	39	213.1	32	174.1	42	229.0	44	240.8
Zapata	14	102.6	40	288.3	46	326.8	40	281.5	37	259.6	43	299.2	46	320.9	31	215.7
Zavala	65	554.4	55	476.4	74	631.9	52	439.9	77	644.7	70	577.2	46	378.0	43	351.5
Total	99,079	407.6	104,680	422.1	115,445	457.3	122,912	479.1	124,544	477.4	125,952	475.3	130,644	484.2	133,850	487.3

* Rates represent cases per 100,000 population.

Appendix B
Gonorrhea Cases and Rates
By County of Residence
2007-2015

Gonorrhea Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	60	103.5	49	83.9	52	88.9	77	132.0	52	89.6	58	100.2	47	81.4	61	105.9
Andrews	2	14.2	5	34.2	10	67.4	7	45.5	9	55.8	22	131.0	6	34.4	12	66.3
Angelina	97	114.2	111	129.0	119	136.9	133	152.3	162	184.9	138	157.4	153	174.1	120	136.0
Aransas	19	81.8	20	85.9	16	69.0	9	38.6	22	92.9	31	128.3	19	76.2	23	90.7
Archer	8	87.9	2	22.2	1	11.0	0	0.0	3	34.2	0	0.0	2	22.7	23	263.9
Armstrong	1	51.7	1	52.3	0	0.0	0	0.0	0	0.0	0	0.0	1	51.3	5	256.8
Atascosa	16	36.4	20	44.8	20	44.5	37	81.4	41	88.3	37	78.6	37	77.4	47	97.0
Austin	23	82.3	21	74.3	12	42.3	8	28.0	10	35.0	12	41.8	15	51.7	23	77.8
Bailey	1	14.3	2	28.4	1	14.0	2	27.8	0	0.0	2	28.1	5	71.8	7	97.1
Bandera	4	19.6	4	19.6	3	14.6	4	19.5	9	43.7	6	29.1	6	28.7	4	18.8
Bastrop	52	71.8	48	65.2	49	65.9	33	43.9	55	73.4	65	85.5	56	71.7	122	151.5
Baylor	12	320.3	4	107.4	2	53.8	1	26.9	1	27.7	1	27.7	2	55.8	4	110.6
Bee	21	66.0	24	75.3	15	47.0	18	55.7	18	55.5	28	85.5	29	88.1	37	112.6
Bell	1,191	399.8	1,156	384.0	1,154	368.7	1,072	339.1	1,124	347.9	1,447	443.0	1,038	315.1	1,180	352.3
Bexar	2,922	176.9	3,398	201.6	3,493	202.7	3,450	196.5	3,354	187.4	3,031	166.2	3,118	167.6	3,905	205.8
Blanco	0	0.0	1	9.7	2	19.0	0	0.0	1	9.4	3	28.2	4	37.0	7	63.6
Borden	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	156.7	0	0.0	0	0.0
Bosque	14	78.0	5	27.8	2	11.0	6	32.9	8	44.2	7	39.2	20	112.8	12	67.1
Bowie	197	215.7	186	201.7	182	196.4	160	172.6	186	200.0	235	251.6	261	279.7	230	246.3
Brazoria	112	37.2	134	43.3	180	57.2	182	57.0	180	55.5	265	80.2	232	68.6	210	60.6
Brazos	351	189.6	350	182.8	317	162.0	238	120.5	227	113.3	244	119.4	366	175.0	348	161.8
Brewster	8	90.2	2	22.1	3	32.4	10	106.9	7	75.7	4	43.1	5	54.7	13	142.2
Briscoe	0	0.0	1	61.2	0	0.0	1	60.7	0	0.0	1	64.7	0	0.0	1	66.4
Brooks	5	68.1	6	82.2	22	305.6	4	55.4	2	27.8	5	69.1	2	27.6	9	124.5
Brown	19	49.8	43	113.2	16	42.0	18	47.3	17	44.9	13	34.4	16	42.5	22	58.1
Burleson	18	105.7	22	128.8	16	92.9	16	92.8	21	121.2	15	87.4	26	150.6	20	114.5
Burnet	29	68.3	15	35.2	11	25.7	13	30.0	22	50.5	14	31.9	16	36.0	40	88.0
Caldwell	52	138.0	36	95.2	36	94.5	55	143.0	25	64.6	60	152.9	49	123.1	63	155.5
Calhoun	7	33.1	4	18.7	11	51.6	9	42.2	11	51.0	24	110.4	15	68.8	16	73.1
Callahan	5	37.1	3	22.1	4	29.6	3	22.2	2	14.8	6	44.4	2	14.8	9	66.4
Cameron	221	56.2	155	38.7	163	40.0	225	54.5	307	73.8	285	68.2	206	49.0	206	48.8
Camp	21	170.3	15	121.3	10	80.6	12	96.7	15	120.4	19	153.1	17	134.7	6	47.3
Carson	0	0.0	1	16.1	0	0.0	0	0.0	3	49.1	1	16.7	4	66.6	9	150.8
Cass	62	205.2	40	132.0	41	134.7	20	65.6	34	112.6	53	174.5	55	181.7	16	52.8
Castro	2	25.8	0	0.0	1	12.3	0	0.0	4	48.8	10	124.6	9	115.3	5	65.3
Chambers	7	22.1	8	23.4	10	28.2	3	8.4	7	19.2	3	8.1	10	26.2	17	43.7
Cherokee	65	130.1	60	118.9	59	115.9	71	139.2	59	115.2	62	121.6	71	139.1	74	143.6
Childress	1	14.0	3	42.7	3	42.5	3	42.8	0	0.0	5	70.9	7	99.1	16	225.7
Clay	1	9.2	0	0.0	2	18.6	2	18.7	1	9.5	4	38.3	2	19.3	1	9.7
Cochran	1	32.3	0	0.0	0	0.0	1	32.6	1	33.1	2	66.7	0	0.0	5	169.3
Coke	1	29.9	2	60.4	1	30.1	1	30.5	2	62.1	2	62.4	5	154.2	3	92.6
Coleman	3	33.7	4	45.1	2	22.5	0	0.0	0	0.0	3	35.2	2	23.8	3	36.0
Collin	336	45.3	282	36.8	374	47.4	403	49.5	385	46.0	384	44.7	408	46.0	547	59.8
Collingsworth	1	33.1	1	32.9	2	65.5	0	0.0	2	66.1	3	96.8	4	132.3	0	0.0
Colorado	17	81.7	15	72.2	9	43.1	13	62.5	12	58.0	25	120.5	13	62.9	13	62.3
Comal	36	34.9	44	41.4	48	43.9	51	45.5	44	38.3	66	55.6	41	33.2	78	60.4
Comanche	2	14.5	2	14.4	1	7.2	1	7.2	2	14.6	0	0.0	3	22.2	3	22.3
Concho	0	0.0	0	0.0	2	48.8	0	0.0	1	24.6	2	48.8	0	0.0	2	49.0
Cooke	24	62.8	22	57.3	21	54.6	30	78.1	24	61.9	16	41.5	35	90.1	22	56.1
Coryell	71	95.2	67	89.7	93	123.0	56	73.1	96	124.9	116	152.3	89	117.9	91	120.5
Cottle	0	0.0	1	66.3	2	132.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crane	1	24.1	1	23.1	1	22.8	2	45.8	1	21.9	2	42.1	4	81.2	2	39.6
Crockett	1	26.4	0	0.0	0	0.0	0	0.0	1	26.9	2	53.3	1	26.4	2	53.9
Crosby	7	113.0	5	82.5	5	82.7	8	131.5	6	98.4	7	116.9	6	101.9	2	33.5
Culberson	2	80.3	2	83.9	2	83.4	0	0.0	2	86.7	0	0.0	1	44.1	0	0.0
Dallam	2	30.7	0	0.0	0	0.0	3	43.9	3	43.0	3	42.7	3	42.2	7	98.3
Dallas	5,262	227.4	4,259	181.5	4,974	209.6	5,100	211.6	4,500	183.2	4,830	194.3	5,715	226.8	5,334	208.9
Dawson	18	130.4	11	80.1	34	245.8	31	224.8	29	212.5	5	37.7	9	66.6	24	177.5
Deaf Smith	7	36.7	9	47.2	5	25.7	7	35.9	19	98.1	15	78.1	30	156.2	10	52.8
Delta	7	133.3	1	19.3	1	19.1	0	0.0	3	56.6	4	77.1	4	76.7	4	76.7
Denton	311	49.4	258	39.7	338	50.7	332	48.4	321	45.3	312	42.8	433	57.4	541	69.3
DeWitt	19	95.5	11	54.9	15	74.8	10	49.3	16	78.2	19	92.8	22	106.4	21	101.0
Dickens	0	0.0	0	0.0	0	0.0	1	41.7	1	43.2	0	0.0	1	45.4	1	45.3
Dimmit	7	71.2	2	20.3	3	29.9	4	39.6	4	38.2	9	82.8	21	191.0	11	100.2

*Rates represent cases per 100,000 population.

Gonorrhea Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	2	54.2	3	81.7	6	160.8	3	81.4	1	27.3	3	83.9	1	28.4	1	28.6
Duval	2	16.7	6	50.3	5	42.7	14	118.7	2	17.3	8	68.9	11	95.5	11	96.6
Eastland	1	5.4	3	16.2	6	32.3	4	21.5	1	5.4	0	0.0	9	49.4	7	38.5
Ector	224	168.3	203	148.3	210	153.2	194	138.8	263	181.9	310	207.1	366	237.0	353	221.4
Edwards	0	0.0	1	49.7	1	50.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ellis	114	79.0	102	69.2	81	53.9	112	73.5	96	62.4	112	71.7	95	59.6	132	80.7
El Paso	518	67.3	516	65.6	828	103.0	743	90.6	892	107.2	723	86.9	676	80.9	532	63.7
Erath	6	16.2	5	13.3	6	15.8	26	66.7	9	22.8	13	32.5	24	59.1	20	48.6
Falls	40	226.0	46	259.0	38	212.5	30	167.9	35	198.8	33	191.2	22	128.1	21	122.5
Fannin	28	82.7	16	47.2	12	35.4	7	20.6	17	50.5	11	32.7	15	44.4	25	74.2
Fayette	16	65.7	12	49.0	17	69.3	12	48.5	10	40.4	4	16.1	12	48.3	7	27.9
Fisher	3	73.8	2	49.8	0	0.0	3	75.9	8	208.5	3	78.1	2	52.2	4	104.5
Floyd	6	91.9	5	76.8	7	109.3	3	47.0	5	78.6	4	63.8	3	50.2	8	135.6
Foard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	82.0
Fort Bend	286	52.7	300	52.7	330	55.9	269	44.3	278	44.4	370	56.5	367	53.4	501	70.0
Franklin	9	84.9	9	84.9	7	66.0	6	57.0	2	18.8	11	103.9	11	103.8	9	84.5
Freestone	29	149.1	12	60.8	13	65.6	13	66.3	15	77.2	6	30.7	9	45.8	11	55.9
Frio	4	23.6	5	29.2	17	98.6	10	57.2	25	140.2	25	137.6	42	226.1	24	127.7
Gaines	3	18.0	5	29.1	8	45.5	4	22.2	3	16.3	8	42.4	8	41.5	4	19.9
Galveston	409	141.7	280	97.4	268	91.6	379	128.2	365	121.1	291	94.7	251	79.9	338	104.9
Garza	4	65.0	2	31.4	3	46.4	2	30.4	5	77.4	3	46.8	11	170.7	4	62.4
Gillespie	0	0.0	1	4.1	3	12.1	3	12.0	2	7.9	1	3.9	6	23.5	10	38.5
Glasscock	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	76.0
Goliad	2	27.9	3	41.9	2	27.7	5	69.4	5	68.1	6	80.4	3	40.0	9	119.5
Gonzales	21	107.5	32	163.0	25	126.3	28	141.7	30	150.5	33	163.6	15	73.5	14	68.1
Gray	2	8.8	7	30.8	2	8.9	4	17.7	12	52.6	12	52.4	20	85.4	18	77.6
Grayson	108	90.9	71	59.1	81	66.9	60	49.5	45	37.0	63	51.6	102	82.6	174	138.7
Gregg	268	224.9	380	313.4	305	250.0	363	296.4	333	270.9	301	244.3	324	263.1	369	297.3
Grimes	18	68.5	24	90.8	23	86.4	28	104.9	34	127.3	39	145.4	40	147.8	36	130.9
Guadalupe	93	75.4	118	92.0	75	56.6	79	58.1	76	54.4	100	69.8	82	55.7	55	36.4
Hale	31	86.9	23	64.0	41	112.8	36	98.8	43	118.4	66	184.3	43	124.3	74	215.4
Hall	0	0.0	4	119.7	2	59.7	1	30.2	1	30.5	9	282.5	0	0.0	2	63.7
Hamilton	0	0.0	0	0.0	0	0.0	2	23.8	2	24.1	4	48.4	2	24.4	1	12.3
Hansford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	18.0	1	18.1	1	17.8
Hardeman	3	71.7	4	97.9	4	96.2	4	97.0	0	0.0	1	24.9	0	0.0	3	78.1
Hardin	20	37.6	18	33.2	8	14.6	14	25.4	20	36.3	20	36.1	25	45.0	44	78.8
Harris	6,090	154.6	5,509	136.5	6,051	147.3	5,785	138.4	6,542	153.5	6,460	148.4	7,193	161.7	7,346	161.9
Harrison	84	131.0	84	128.9	117	178.1	158	238.1	111	167.4	96	145.0	88	132.4	91	136.3
Hartley	1	17.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.1
Haskell	5	85.6	3	51.2	6	102.0	1	16.7	0	0.0	2	34.0	5	86.7	1	17.4
Hays	144	97.5	146	95.0	137	86.6	151	92.5	194	115.1	201	114.1	149	80.5	169	86.8
Hemphill	0	0.0	1	26.3	0	0.0	0	0.0	1	24.6	1	24.3	1	24.0	3	70.4
Henderson	26	33.3	51	65.2	28	35.6	41	52.1	59	74.7	49	62.3	52	65.6	79	99.3
Hidalgo	135	18.3	166	21.9	202	25.9	384	48.3	526	65.1	509	62.1	423	50.9	314	37.3
Hill	33	94.3	54	154.3	33	93.9	31	88.1	22	62.7	19	54.6	33	95.0	30	86.1
Hockley	26	113.3	22	95.3	30	131.2	34	148.0	32	138.4	59	251.2	28	118.6	40	170.7
Hood	5	10.0	9	17.7	3	5.9	9	17.5	6	11.5	10	18.9	19	35.2	33	59.5
Hopkins	28	81.2	17	48.7	20	56.8	23	65.1	34	96.1	25	70.6	31	86.5	51	140.8
Houston	22	93.1	22	93.0	11	46.4	16	68.5	19	82.1	9	39.6	13	57.2	15	65.8
Howard	66	191.9	57	163.4	47	134.3	64	182.8	58	163.3	50	138.0	42	114.9	55	147.8
Hudspeth	0	0.0	1	29.2	0	0.0	1	29.3	0	0.0	0	0.0	1	31.1	0	0.0
Hunt	48	56.8	61	71.5	55	63.7	70	80.7	93	106.6	99	113.1	107	120.5	127	141.4
Hutchinson	9	41.2	11	49.6	8	36.0	6	27.3	23	104.8	30	137.5	40	183.4	26	119.6
Irion	0	0.0	1	63.0	0	0.0	0	0.0	1	63.5	1	62.5	0	0.0	0	0.0
Jack	2	22.1	2	22.1	1	11.1	2	22.1	1	11.1	2	22.4	2	22.5	3	33.8
Jackson	5	35.8	20	142.0	12	85.2	4	28.5	5	35.1	5	34.2	10	67.9	8	54.0
Jasper	45	127.9	28	79.3	22	61.5	31	85.6	28	78.1	29	81.3	46	129.3	43	121.1
Jeff Davis	0	0.0	0	0.0	0	0.0	1	43.5	1	43.5	1	45.0	0	0.0	0	0.0
Jefferson	528	211.7	505	200.9	428	169.5	455	179.6	447	177.8	496	196.1	527	208.8	544	213.9
Jim Hogg	3	57.7	1	19.0	2	37.8	2	37.9	5	95.1	1	19.2	0	0.0	2	38.5
Jim Wells	38	93.7	29	71.4	42	102.7	36	87.4	35	84.0	36	86.4	38	91.8	27	65.2
Johnson	59	39.7	45	29.9	52	34.4	52	34.2	70	45.6	89	57.5	93	59.2	130	81.3
Jones	15	74.5	14	69.7	8	39.6	12	59.3	9	45.3	31	155.0	9	45.4	19	95.1
Karnes	3	20.2	0	0.0	4	26.9	6	40.1	6	40.3	6	40.7	19	127.9	5	33.4

* Rates represent cases per 100,000 population.

Gonorrhea Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	80	80.6	71	69.8	72	69.309	76	72.18	54	50.621	58	53.461	79	70.983	84	73.2
Kendall	7	22.0	4	12.2	8	23.778	15	43.464	15	41.979	11	29.397	22	56.758	12	29.7
Kenedy	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kent	0	0.0	0	0.0	0	0	0	0	0	0	1	125.63	0	0	0	0.0
Kerr	20	40.9	11	22.3	11	22.156	12	24.18	11	22.101	21	42.102	26	51.473	5	9.8
Kimble	0	0.0	0	0.0	1	21.791	0	0	0	0	0	0	2	45.096	3	68.4
King	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kinney	0	0.0	1	28.0	1	27.816	0	0	0	0	6	166.53	0	0	2	56.4
Kleberg	32	101.4	25	78.4	25	77.984	30	93.583	25	77.811	33	102.8	32	100	44	138.1
Knox	11	301.4	2	54.8	1	26.86	1	26.738	4	106.35	1	26.518	6	155.84	1	25.9
Lamar	128	258.8	75	151.2	93	186.7	86	172.21	49	98.453	66	134.08	68	137.49	102	206.3
Lamb	11	78.4	16	116.0	10	71.429	9	63.861	11	79.046	16	116.53	16	117.78	17	127.0
Lampasas	10	50.5	15	76.3	12	60.744	22	110.31	20	99.418	14	69.29	12	59.283	18	87.4
La Salle	3	45.1	3	44.3	0	0	1	14.296	4	56.077	2	26.951	4	53.526	4	52.4
Lavaca	15	78.2	6	31.2	4	20.789	6	31.214	6	30.847	10	51.169	14	71.095	5	25.2
Lee	4	24.2	9	54.3	5	30.113	5	30.115	6	36.258	6	36.162	9	53.967	8	47.3
Leon	7	41.6	8	47.4	13	77.635	13	77.243	8	47.795	5	30.026	13	77.422	16	93.6
Liberty	38	50.7	28	37.3	46	60.64	44	57.838	42	54.923	33	42.839	40	51.151	61	76.6
Limestone	37	160.4	35	151.0	34	144.88	44	186.84	32	135.46	18	77.075	26	111.01	30	128.6
Lipscomb	0	0.0	1	30.1	1	30.451	0	0	0	0	0	0	1	28.05	0	0.0
Live Oak	2	17.4	2	17.5	0	0	6	52.061	3	25.689	3	25.316	8	66.22	9	73.6
Llano	6	31.5	6	31.3	4	20.679	2	10.557	3	15.718	9	46.516	1	5.144	12	60.6
Loving	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Lubbock	422	157.3	483	176.1	638	227.65	664	234.28	626	218.81	715	246.64	756	256.24	897	299.5
Lynn	1	16.9	2	33.7	4	67.774	4	68.039	3	51.966	4	70.262	7	121.68	7	122.3
McCulloch	1	12.2	2	23.9	0	0	3	36.241	0	0	1	12.096	2	24.39	4	48.0
McLennan	559	244.1	452	195.1	408	172.93	460	193.42	542	226.38	536	221.92	466	191.7	548	223.1
McMullen	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Madison	11	82.5	12	89.0	11	80.047	18	131.04	9	65.569	10	72.401	17	122.73	9	64.0
Marion	7	65.1	9	84.4	15	142.9	11	105.42	9	87.311	8	78.24	6	59.324	9	88.6
Martin	1	21.9	4	84.9	4	83.056	2	40.775	3	60.084	5	94.895	3	55.046	1	17.7
Mason	0	0.0	0	0.0	0	0	0	0	0	0	0	0	1	24.552	2	49.6
Matagorda	29	79.0	32	87.5	24	65.386	25	68.122	32	87.542	41	112.33	38	104.2	18	49.0
Maverick	29	55.6	7	13.1	11	20.188	7	12.647	8	14.323	42	74.147	37	64.699	23	39.9
Medina	7	15.5	24	52.6	6	13.006	26	55.894	74	158.02	33	69.739	22	45.952	14	28.9
Menard	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Midland	229	172.8	229	168.1	248	181.04	193	137.72	252	171.21	250	164.41	311	199.37	268	166.4
Milam	35	139.6	30	120.7	21	85.065	14	56.827	30	124.26	28	115.83	24	98.953	41	167.3
Mills	0	0.0	2	41.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mitchell	3	32.3	6	63.8	5	53.095	2	21.299	4	42.932	4	44.484	10	110.12	1	11.0
Montague	3	15.1	3	15.2	4	20.291	7	35.472	3	15.363	5	25.723	8	41.178	6	31.1
Montgomery	117	27.2	143	32.1	130	28.302	134	28.406	155	31.958	166	33.228	160	30.825	236	43.9
Moore	10	47.8	8	37.1	3	13.636	5	22.61	5	22.273	17	76.257	7	31.4	17	76.4
Morris	32	244.4	16	123.5	16	123.89	10	78.07	15	117.74	13	102.02	17	133.95	15	119.8
Motley	0	0.0	0	0.0	1	82.645	0	0	0	0	1	83.682	0	0	0	0.0
Nacogdoches	139	220.8	119	185.9	134	207.22	150	228.48	171	259.63	112	171.78	96	147.08	74	112.7
Navarro	98	206.7	70	147.1	74	154.64	93	193.41	100	207.96	74	153.97	59	122.83	111	229.7
Newton	17	118.1	9	62.3	11	76.235	11	75.904	11	76.8	10	70.378	4	28.277	6	42.9
Nolan	49	324.7	35	231.4	24	157.42	23	152.04	27	181.32	20	132.68	33	218.47	32	211.8
Nueces	583	174.8	455	134.5	482	141.63	577	168.12	749	215.28	735	208.24	718	201.41	567	157.6
Ochiltree	0	0.0	0	0.0	1	9.8299	1	9.5831	3	28.273	2	18.693	2	18.657	7	65.1
Oldham	0	0.0	0	0.0	0	0	0	0	1	48.852	1	47.824	1	48.263	0	0.0
Orange	51	61.7	37	45.4	82	99.988	63	76.513	51	61.476	57	68.666	64	76.629	79	93.8
Palo Pinto	9	32.2	6	21.4	4	14.255	3	10.682	4	14.378	4	14.372	7	25.021	16	57.4
Panola	19	80.7	15	63.3	19	79.882	24	99.854	41	170.73	33	138.39	24	100.68	43	180.9
Parker	41	36.3	19	16.4	11	9.3754	40	33.748	32	26.713	44	36.615	71	57.928	113	89.7
Parmer	2	20.0	2	19.8	0	0	0	0	8	78.794	4	40.217	2	20.241	7	71.8
Pecos	7	45.9	9	58.1	11	70.835	3	19.19	7	44.912	11	70.037	9	56.579	10	61.7
Polk	21	45.9	28	61.5	15	32.984	28	61.285	18	39.3	21	45.739	38	82.265	30	63.9
Potter	413	344.9	376	313.0	381	313.8	262	214.02	403	327.92	452	369.38	558	456.34	501	411.3
Presidio	2	26.0	0	0.0	0	0	3	38.7	0	0	1	13.725	1	14.205	5	72.7
Rains	1	9.1	0	0.0	4	36.597	2	18.141	0	0	2	18.136	11	99.737	6	53.8
Randall	93	79.8	87	73.1	70	57.757	54	43.77	66	52.834	131	103.42	141	109.57	115	88.3
Reagan	0	0.0	3	88.8	2	59.737	1	29.542	1	28.852	4	111.08	1	26.695	3	79.1

* Rates represent cases per 100,000 population.

Gonorrhea Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	0	0.0	0	0.0	1	30.1	2	58.4	1	29.7	2	60.2	3	89.3	0	0.0
Red River	21	162.5	10	77.9	6	46.7	6	47.3	14	110.1	9	72.0	2	16.0	10	80.3
Reeves	7	53.0	9	66.4	4	29.0	5	36.3	2	14.4	5	35.5	5	34.7	12	81.5
Refugio	6	80.8	5	67.5	0	0.0	8	109.5	11	152.0	9	124.2	8	109.6	2	27.4
Roberts	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	108.6	0	0.0
Robertson	26	157.2	35	210.8	39	235.4	34	204.0	27	164.1	34	207.0	41	249.3	32	192.1
Rockwall	19	25.7	22	28.7	21	26.6	26	32.1	18	21.7	20	23.5	21	24.0	39	42.9
Runnels	3	28.7	0	0.0	1	9.5	0	0.0	3	28.8	6	58.3	5	48.0	6	56.9
Rusk	39	74.7	35	66.3	37	69.4	43	80.1	62	115.2	43	80.5	34	63.8	28	52.8
Sabine	9	85.2	10	93.3	4	36.8	3	28.1	1	9.6	5	48.3	2	19.3	5	48.2
San Augustine	10	110.6	14	156.6	9	101.7	16	180.7	13	147.1	12	137.6	5	58.2	4	47.2
San Jacinto	5	19.3	6	23.0	7	26.5	4	14.9	8	29.6	12	44.8	6	22.1	21	76.6
San Patricio	23	34.6	42	63.9	43	66.7	35	54.3	45	68.9	61	92.1	41	61.3	38	56.4
San Saba	4	67.1	0	0.0	1	16.3	1	16.6	2	33.4	1	17.5	1	17.2	1	16.9
Schleicher	0	0.0	1	30.2	1	28.6	2	60.6	2	61.5	1	31.3	2	63.3	0	0.0
Scurry	14	85.0	18	107.1	7	41.3	9	53.3	18	105.3	32	185.6	27	155.6	27	153.3
Shackelford	0	0.0	1	29.7	0	0.0	2	59.8	4	118.7	0	0.0	3	90.3	2	59.7
Shelby	29	114.3	27	105.8	20	78.6	25	97.2	23	88.4	18	69.5	20	78.2	13	51.2
Sherman	1	32.9	0	0.0	0	0.0	0	0.0	0	0.0	1	32.4	1	32.5	1	32.6
Smith	438	215.5	396	191.2	353	167.7	388	182.3	348	161.8	385	177.5	360	163.6	322	144.4
Somervell	1	12.1	0	0.0	2	23.5	1	11.8	4	46.6	2	23.2	4	46.2	3	34.3
Starr	24	40.2	18	29.8	11	18.0	25	40.5	11	17.7	16	25.6	18	28.5	14	21.9
Stephens	0	0.0	2	20.7	5	52.0	1	10.5	2	20.9	1	10.7	1	10.7	10	105.9
Sterling	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	147.9
Stonewall	1	69.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	70.9
Sutton	2	46.3	0	0.0	0	0.0	0	0.0	1	25.4	2	50.0	1	25.2	3	76.7
Swisher	0	0.0	6	78.1	12	152.1	10	127.8	7	88.9	10	129.1	5	65.9	3	39.8
Tarrant	2,888	165.4	2,419	135.6	2,549	140.3	2,218	120.0	2,158	114.6	2,232	116.6	2,607	133.9	2,883	145.4
Taylor	156	121.0	162	124.4	184	139.5	145	109.1	127	94.6	125	93.3	146	108.1	293	215.4
Terrell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Terry	22	177.5	11	87.6	14	110.6	18	142.3	11	87.3	15	118.3	7	54.8	36	282.6
Throckmorton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Titus	31	100.1	31	97.6	39	120.4	37	114.1	32	98.1	17	52.2	15	46.2	20	61.3
Tom Green	122	113.3	94	86.3	108	97.6	135	120.7	121	106.6	214	186.1	245	209.6	212	179.5
Travis	1,750	178.4	1,457	144.8	1,452	140.9	1,483	139.6	1,649	150.4	1,924	171.5	2,129	185.0	2,431	206.6
Trinity	10	69.5	4	27.6	8	54.4	1	6.8	8	55.9	10	69.4	9	63.2	8	55.5
Tyler	12	55.6	6	27.6	9	41.4	7	32.3	6	28.0	14	65.3	11	51.4	10	46.8
Upshur	21	54.3	18	46.1	44	111.7	33	83.0	24	60.1	31	77.9	36	89.2	28	69.0
Upton	1	31.0	4	120.2	1	29.9	0	0.0	0	0.0	3	89.2	3	86.6	4	109.6
Uvalde	8	30.5	10	38.1	10	37.8	12	45.1	36	134.5	18	66.8	36	132.3	27	99.1
Val Verde	11	23.0	16	33.0	30	61.2	17	34.7	20	40.9	26	53.0	27	55.2	24	49.0
Van Zandt	13	24.8	9	17.2	15	28.5	28	53.2	30	57.4	34	64.9	40	75.7	27	50.4
Victoria	128	149.3	134	154.7	67	77.1	98	112.0	118	132.2	151	167.5	142	155.7	106	114.7
Walker	63	95.9	55	82.4	80	117.3	63	92.2	120	175.2	132	190.4	89	127.5	98	138.6
Waller	42	103.5	52	123.6	52	119.7	38	86.3	49	110.5	43	94.7	28	59.8	40	82.2
Ward	13	122.8	9	83.8	3	28.3	8	74.9	21	193.3	7	62.3	9	77.5	19	162.1
Washington	41	124.7	58	173.3	51	151.2	34	100.1	50	147.6	45	131.7	60	174.4	45	129.4
Webb	117	48.7	50	20.3	50	19.9	68	26.6	61	23.5	87	33.0	96	36.0	88	32.6
Wharton	28	68.5	24	58.5	31	75.0	30	72.7	48	116.6	42	101.8	29	70.4	36	86.8
Wheeler	1	19.2	0	0.0	0	0.0	0	0.0	3	53.7	0	0.0	3	52.8	1	17.7
Wichita	243	186.4	175	133.7	140	106.2	157	120.0	226	171.5	221	166.8	151	113.6	152	115.4
Wilbarger	19	140.7	13	95.8	13	96.3	9	67.0	10	75.4	6	45.7	3	23.2	13	99.8
Willacy	13	59.7	8	36.6	6	27.0	6	27.1	17	76.9	12	54.7	14	63.9	4	18.3
Williamson	204	51.6	225	54.8	204	47.8	203	45.9	226	49.5	300	63.7	311	63.5	315	61.9
Wilson	9	21.6	12	28.4	17	39.5	24	54.9	25	56.2	18	39.6	16	34.5	11	23.1
Winkler	0	0.0	0	0.0	4	56.5	5	70.0	5	68.2	6	78.9	6	76.9	9	112.4
Wise	4	6.9	6	10.1	15	25.4	15	25.0	16	26.5	21	34.4	25	40.4	30	47.7
Wood	19	45.5	20	47.8	11	26.2	18	42.7	13	30.6	22	51.7	35	81.4	42	96.9
Yoakum	2	25.8	1	12.6	2	25.5	4	50.1	3	37.3	3	36.7	4	48.0	5	58.5
Young	7	38.7	3	16.2	6	32.4	4	21.8	3	16.4	2	10.9	11	60.0	6	32.8
Zapata	3	22.0	4	28.8	0	0.0	2	14.1	0	0.0	1	7.0	1	7.0	1	7.0
Zavala	8	68.2	8	69.3	3	25.6	1	8.5	3	25.1	4	33.0	5	41.1	7	57.2
Total	31,595	130.0	28,838	116.3	30,741	121.8	30,654	119.5	32,059	122.9	33,337	125.8	35,423	131.3	37,539	136.7

* Rates represent cases per 100,000 population.

Appendix C
Total Syphilis Cases and Rates
By County of Residence
2007-2015

Total Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	11	19.0	21	36.0	21	35.9	6	10.3	9	15.5	7	12.1	1	1.7	11	19.1
Andrews	1	7.1	0	0.0	2	13.5	2	13.0	1	6.2	3	17.9	0	0.0	1	5.5
Angelina	29	34.1	16	18.6	28	32.2	17	19.5	10	11.4	17	19.4	9	10.2	12	13.6
Aransas	0	0.0	0	0.0	3	12.9	0	0.0	7	29.6	1	4.1	17	68.2	8	31.6
Archer	0	0.0	0	0.0	2	22.0	4	45.3	3	34.2	1	11.4	0	0.0	1	11.5
Armstrong	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	102.7
Atascosa	8	18.2	6	13.4	7	15.6	7	15.4	9	19.4	16	34.0	11	23.0	16	33.0
Austin	3	10.7	3	10.6	2	7.0	5	17.5	2	7.0	3	10.4	2	6.9	1	3.4
Bailey	0	0.0	0	0.0	1	14.0	0	0.0	0	0.0	0	0.0	1	14.4	1	13.9
Bandera	4	19.6	1	4.9	1	4.9	1	4.9	0	0.0	0	0.0	0	0.0	4	18.8
Bastrop	7	9.7	3	4.1	18	24.2	6	8.0	7	9.3	8	10.5	6	7.7	14	17.4
Baylor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	27.6
Bee	14	44.0	27	84.7	9	28.2	18	55.7	4	12.3	21	64.1	21	63.8	6	18.3
Bell	28	9.4	34	11.3	46	14.7	34	10.8	51	15.8	116	35.5	106	32.2	84	25.1
Bexar	567	34.3	709	42.1	655	38.0	703	40.0	931	52.0	1,110	60.9	894	48.1	959	50.5
Blanco	1	9.9	0	0.0	1	9.5	2	18.9	0	0.0	0	0.0	0	0.0	0	0.0
Borden	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bosque	1	5.6	0	0.0	0	0.0	0	0.0	1	5.5	0	0.0	1	5.6	1	5.6
Bowie	65	71.2	120	130.1	124	133.8	83	89.6	31	33.3	26	27.8	18	19.3	24	25.7
Brazoria	28	9.3	26	8.4	24	7.6	34	10.6	32	9.9	27	8.2	47	13.9	41	11.8
Brazos	40	21.6	32	16.7	31	15.8	27	13.7	14	7.0	20	9.8	35	16.7	32	14.9
Brewster	0	0.0	0	0.0	0	0.0	1	10.7	1	10.8	0	0.0	0	0.0	1	10.9
Briscoe	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brooks	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	13.8	1	13.8	5	69.2
Brown	0	0.0	2	5.3	1	2.6	0	0.0	1	2.6	1	2.6	3	8.0	2	5.3
Burleson	2	11.7	0	0.0	1	5.8	0	0.0	1	5.8	2	11.7	6	34.7	0	0.0
Burnet	4	9.4	2	4.7	5	11.7	6	13.8	2	4.6	7	16.0	5	11.3	6	13.2
Caldwell	6	15.9	1	2.6	2	5.2	5	13.0	5	12.9	5	12.7	16	40.2	11	27.1
Calhoun	1	4.7	0	0.0	0	0.0	1	4.7	2	9.3	1	4.6	1	4.6	2	9.1
Callahan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cameron	34	8.7	37	9.2	62	15.2	40	9.7	55	13.2	92	22.0	104	24.7	127	30.1
Camp	6	48.7	2	16.2	1	8.1	1	8.1	3	24.1	3	24.2	3	23.8	4	31.5
Carson	0	0.0	0	0.0	1	16.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cass	5	16.5	8	26.4	15	49.3	21	68.9	8	26.5	2	6.6	3	9.9	5	16.5
Castro	0	0.0	2	25.5	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0
Chambers	0	0.0	5	14.6	3	8.5	0	0.0	0	0.0	0	0.0	4	10.5	4	10.3
Cherokee	8	16.0	16	31.7	16	31.4	8	15.7	0	0.0	9	17.6	7	13.7	3	5.8
Childress	0	0.0	1	14.2	0	0.0	0	0.0	0	0.0	0	0.0	2	28.3	6	84.7
Clay	0	0.0	0	0.0	1	9.3	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0
Cochran	1	32.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	34.2	1	33.9
Coke	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	30.9
Coleman	0	0.0	0	0.0	1	11.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Collin	43	5.8	74	9.7	53	6.7	59	7.2	98	11.7	66	7.7	92	10.4	117	12.8
Collingsworth	1	33.1	0	0.0	0	0.0	0	0.0	1	33.0	0	0.0	0	0.0	0	0.0
Colorado	3	14.4	9	43.3	8	38.3	4	19.2	1	4.8	4	19.3	2	9.7	2	9.6
Comal	6	5.8	8	7.5	15	13.7	9	8.0	13	11.3	12	10.1	31	25.1	14	10.8
Comanche	0	0.0	1	7.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Concho	6	146.1	1	24.5	2	48.8	1	24.2	3	73.8	1	24.4	3	74.2	3	73.5
Cooke	2	5.2	1	2.6	0	0.0	3	7.8	1	2.6	1	2.6	1	2.6	3	7.6
Coryell	12	16.1	9	12.1	4	5.3	8	10.4	8	10.4	19	24.9	13	17.2	11	14.6
Cottle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crane	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crockett	0	0.0	1	26.7	0	0.0	0	0.0	0	0.0	0	0.0	3	79.3	1	27.0
Crosby	0	0.0	2	33.0	0	0.0	0	0.0	0	0.0	0	0.0	1	17.0	0	0.0
Culberson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	44.7
Dallam	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.2	0	0.0	1	14.0
Dallas	1,234	53.3	1,495	63.7	1,417	59.7	1,309	54.3	1,507	61.3	1,406	56.6	1,535	60.9	1,592	62.3
Dawson	9	65.2	3	21.8	3	21.7	0	0.0	2	14.7	1	7.5	0	0.0	0	0.0
Deaf Smith	0	0.0	0	0.0	3	15.4	1	5.1	0	0.0	4	20.8	6	31.2	13	68.6
Delta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Denton	36	5.7	49	7.5	33	4.9	32	4.7	52	7.3	57	7.8	74	9.8	99	12.7
DeWitt	5	25.1	6	29.9	0	0.0	1	4.9	2	9.8	1	4.9	1	4.8	2	9.6
Dickens	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dimmit	0	0.0	0	0.0	0	0.0	0	0.0	2	19.1	1	9.2	5	45.5	0	0.0

* Rates represent cases per 100,000 population.

Total Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	2	54.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Duval	1	8.4	3	25.2	1	8.5	0	0.0	1	8.6	2	17.2	0	0.0	3	26.3
Eastland	1	5.4	0	0.0	1	5.4	0	0.0	1	5.4	0	0.0	0	0.0	0	0.0
Ector	18	13.5	13	9.5	22	16.0	16	11.5	20	13.8	17	11.4	19	12.3	39	24.5
Edwards	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ellis	10	6.9	24	16.3	19	12.6	31	20.3	23	15.0	24	15.4	22	13.8	16	9.8
El Paso	99	12.9	127	16.1	104	12.9	108	13.2	101	12.1	143	17.2	180	21.5	242	29.0
Erath	0	0.0	0	0.0	0	0.0	1	2.6	1	2.5	2	5.0	3	7.4	0	0.0
Falls	4	22.6	4	22.5	1	5.6	3	16.8	1	5.7	1	5.8	2	11.6	1	5.8
Fannin	2	5.9	5	14.8	3	8.8	2	5.9	2	5.9	6	17.8	10	29.6	7	20.8
Fayette	0	0.0	1	4.1	1	4.1	0	0.0	1	4.0	1	4.0	3	12.1	0	0.0
Fisher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	26.0	0	0.0	0	0.0
Floyd	0	0.0	1	15.4	1	15.6	1	15.7	1	15.7	0	0.0	0	0.0	0	0.0
Foard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Fort Bend	110	20.3	104	18.3	92	15.6	81	13.3	79	12.6	55	8.4	99	14.4	113	15.8
Franklin	4	37.7	1	9.4	2	18.9	0	0.0	1	9.4	2	18.9	1	9.4	0	0.0
Freestone	3	15.4	8	40.5	1	5.0	1	5.1	1	5.1	2	10.2	1	5.1	1	5.1
Frio	0	0.0	4	23.4	5	29.0	1	5.7	3	16.8	7	38.5	8	43.1	6	31.9
Gaines	0	0.0	0	0.0	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0	4	19.9
Galveston	91	31.5	103	35.8	85	29.1	67	22.7	59	19.6	57	18.5	59	18.8	61	18.9
Garza	1	16.2	3	47.1	3	46.4	9	136.8	9	139.4	16	249.6	3	46.5	7	109.1
Gillespie	1	4.1	1	4.1	0	0.0	1	4.0	0	0.0	2	7.9	2	7.8	1	3.9
Glasscock	0	0.0	0	0.0	0	0.0	1	81.1	0	0.0	0	0.0	0	0.0	0	0.0
Goliad	0	0.0	2	27.9	2	27.7	1	13.9	0	0.0	0	0.0	0	0.0	0	0.0
Gonzales	3	15.4	1	5.1	0	0.0	0	0.0	3	15.0	1	5.0	1	4.9	1	4.9
Gray	3	13.2	0	0.0	1	4.5	5	22.1	8	35.1	4	17.5	5	21.4	1	4.3
Grayson	7	5.9	7	5.8	10	8.3	8	6.6	7	5.8	23	18.8	8	6.5	7	5.6
Gregg	60	50.4	128	105.6	81	66.4	60	49.0	53	43.1	28	22.7	52	42.2	41	33.0
Grimes	3	11.4	3	11.4	3	11.3	1	3.7	1	3.7	1	3.7	3	11.1	4	14.5
Guadalupe	3	2.4	8	6.2	20	15.1	8	5.9	18	12.9	16	11.2	25	17.0	9	6.0
Hale	5	14.0	3	8.4	2	5.5	4	11.0	2	5.5	4	11.2	4	11.6	5	14.6
Hall	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hamilton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hansford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hardeman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hardin	16	30.1	10	18.4	8	14.6	4	7.3	8	14.5	5	9.0	2	3.6	10	17.9
Harris	1,800	45.7	1,641	40.7	1,605	39.1	1,599	38.2	2,000	46.9	1,690	38.8	2,031	45.7	2,272	50.1
Harrison	9	14.0	12	18.4	18	27.4	14	21.1	10	15.1	4	6.0	9	13.5	7	10.5
Hartley	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Haskell	0	0.0	1	17.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	17.4
Hays	15	10.2	13	8.5	20	12.6	19	11.6	19	11.3	25	14.2	41	22.2	49	25.2
Hemphill	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Henderson	5	6.4	2	2.6	4	5.1	2	2.5	3	3.8	4	5.1	2	2.5	0	0.0
Hidalgo	111	15.1	89	11.7	99	12.7	123	15.5	85	10.5	105	12.8	172	20.7	227	26.9
Hill	4	11.4	4	11.4	1	2.8	4	11.4	3	8.6	3	8.6	1	2.9	0	0.0
Hockley	2	8.7	2	8.7	2	8.7	2	8.7	0	0.0	3	12.8	2	8.5	1	4.3
Hood	3	6.0	3	5.9	3	5.9	3	5.8	3	5.8	6	11.3	1	1.9	2	3.6
Hopkins	1	2.9	4	11.5	1	2.8	2	5.7	1	2.8	0	0.0	3	8.4	0	0.0
Houston	6	25.4	1	4.2	1	4.2	2	8.6	0	0.0	2	8.8	2	8.8	3	13.2
Howard	9	26.2	0	0.0	4	11.4	1	2.9	4	11.3	11	30.4	16	43.8	22	59.1
Hudspeth	6	177.8	0	0.0	0	0.0	1	29.3	0	0.0	0	0.0	0	0.0	0	0.0
Hunt	2	2.4	9	10.6	2	2.3	4	4.6	9	10.3	8	9.1	6	6.8	6	6.7
Hutchinson	1	4.6	0	0.0	1	4.5	0	0.0	0	0.0	2	9.2	1	4.6	0	0.0
Irion	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jack	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	33.8	1	11.3
Jackson	3	21.5	0	0.0	1	7.1	0	0.0	4	28.1	3	20.5	1	6.8	0	0.0
Jasper	13	37.0	18	50.9	14	39.1	10	27.6	8	22.3	1	2.8	6	16.9	1	2.8
Jeff Davis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jefferson	317	127.1	351	139.7	154	61.0	147	58.0	117	46.5	89	35.2	71	28.1	93	36.6
Jim Hogg	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	19.2	0	0.0	0	0.0
Jim Wells	0	0.0	0	0.0	2	4.9	1	2.4	1	2.4	2	4.8	3	7.3	5	12.1
Johnson	5	3.4	9	6.0	5	3.3	10	6.6	9	5.9	13	8.4	6	3.8	8	5.0
Jones	2	9.9	2	10.0	2	9.9	3	14.8	3	15.1	3	15.0	5	25.2	9	45.1
Karnes	0	0.0	0	0.0	2	13.5	2	13.4	2	13.4	0	0.0	5	33.7	1	6.7

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County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	18	18.1	13	12.8	10	9.626	9	8.548	13	12.19	18	16.59	12	10.78	17	14.8
Kendall	1	3.1	4	12.2	2	5.944	1	2.898	2	5.597	4	10.69	5	12.9	2	5.0
Kenedy	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kent	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kerr	1	2.0	4	8.1	1	2.014	2	4.03	4	8.037	4	8.019	6	11.88	5	9.8
Kimble	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
King	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kinney	0	0.0	1	28.0	0	0	0	0	0	0	1	27.75	0	0	0	0.0
Kleberg	1	3.2	3	9.4	1	3.119	4	12.48	3	9.337	7	21.81	4	12.5	5	15.7
Knox	0	0.0	0	0.0	0	0	1	26.74	0	0	0	0	0	0	0	0.0
Lamar	1	2.0	1	2.0	3	6.023	4	8.01	1	2.009	1	2.032	5	10.11	4	8.1
Lamb	0	0.0	0	0.0	0	0	1	7.096	0	0	2	14.57	2	14.72	2	14.9
Lampasas	0	0.0	0	0.0	4	20.25	1	5.014	0	0	2	9.899	0	0	0	0.0
La Salle	2	30.1	1	14.8	2	28.98	0	0	1	14.02	5	67.38	1	13.38	5	65.5
Lavaca	1	5.2	3	15.6	2	10.39	2	10.4	0	0	0	0	0	0	3	15.1
Lee	1	6.0	2	12.1	0	0	0	0	1	6.043	0	0	0	0	0	0.0
Leon	1	5.9	3	17.8	4	23.89	0	0	0	0	1	6.005	5	29.78	2	11.7
Liberty	48	64.1	16	21.3	15	19.77	13	17.09	15	19.62	19	24.67	14	17.9	16	20.1
Limestone	9	39.0	19	82.0	13	55.4	3	12.74	7	29.63	4	17.13	3	12.81	1	4.3
Lipscomb	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Live Oak	0	0.0	0	0.0	0	0	1	8.677	1	8.563	1	8.439	1	8.277	1	8.2
Llano	2	10.5	0	0.0	1	5.17	0	0	1	5.239	0	0	0	0	1	5.1
Loving	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Lubbock	41	15.3	55	20.1	47	16.77	40	14.11	50	17.48	44	15.18	38	12.88	58	19.4
Lynn	0	0.0	2	33.7	0	0	0	0	0	0	1	17.57	0	0	0	0.0
McCulloch	0	0.0	1	12.0	0	0	0	0	1	12.08	0	0	1	12.2	0	0.0
McLennan	52	22.7	32	13.8	25	10.6	33	13.88	21	8.771	26	10.76	15	6.171	35	14.2
McMullen	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Madison	0	0.0	1	7.4	3	21.83	5	36.4	1	7.285	0	0	2	14.44	4	28.4
Marion	3	27.9	0	0.0	4	38.11	0	0	0	0	3	29.34	1	9.887	2	19.7
Martin	1	21.9	0	0.0	0	0	0	0	0	0	1	18.98	1	18.35	0	0.0
Mason	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Matagorda	4	10.9	5	13.7	1	2.724	3	8.175	2	5.471	5	13.7	5	13.71	0	0.0
Maverick	10	19.2	7	13.1	7	12.85	10	18.07	7	12.53	6	10.59	12	20.98	8	13.9
Medina	2	4.4	3	6.6	14	30.35	5	10.75	4	8.542	8	16.91	8	16.71	14	28.9
Menard	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Midland	8	6.0	5	3.7	15	10.95	10	7.136	14	9.512	12	7.892	16	10.26	22	13.7
Milam	3	12.0	1	4.0	1	4.051	0	0	1	4.142	1	4.137	0	0	0	0.0
Mills	0	0.0	1	20.5	0	0	0	0	0	0	0	0	0	0	0	0.0
Mitchell	1	10.8	1	10.6	0	0	0	0	0	0	2	22.24	2	22.02	2	22.1
Montague	0	0.0	0	0.0	1	5.073	0	0	0	0	0	0	0	0	0	0.0
Montgomery	37	8.6	51	11.4	36	7.837	36	7.631	46	9.484	38	7.606	41	7.899	65	12.1
Moore	0	0.0	1	4.6	0	0	0	0	1	4.455	2	8.971	2	8.971	2	9.0
Morris	7	53.5	3	23.2	4	30.97	1	7.807	2	15.7	1	7.847	5	39.4	1	8.0
Motley	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Nacogdoches	17	27.0	18	28.1	20	30.93	3	4.57	10	15.18	6	9.203	8	12.26	18	27.4
Navarro	6	12.7	9	18.9	15	31.35	10	20.8	5	10.4	7	14.57	9	18.74	6	12.4
Newton	4	27.8	6	41.5	8	55.44	5	34.5	2	13.96	2	14.08	2	14.14	0	0.0
Nolan	0	0.0	1	6.6	1	6.559	0	0	1	6.715	1	6.634	1	6.62	0	0.0
Nueces	25	7.5	30	8.9	53	15.57	57	16.61	92	26.44	66	18.7	67	18.79	88	24.5
Ochiltree	0	0.0	0	0.0	0	0	0	0	0	0	1	9.347	0	0	0	0.0
Oldham	0	0.0	1	49.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Orange	34	41.2	54	66.2	26	31.7	22	26.72	12	14.46	13	15.66	7	8.381	17	20.2
Palo Pinto	2	7.2	0	0.0	0	0	2	7.121	3	10.78	0	0	0	0	2	7.2
Panola	8	34.0	5	21.1	7	29.43	1	4.161	2	8.328	3	12.58	1	4.195	2	8.4
Parker	4	3.5	2	1.7	5	4.262	5	4.218	3	2.504	7	5.825	4	3.264	10	7.9
Parmer	2	20.0	0	0.0	0	0	0	0	0	0	2	20.11	1	10.12	4	41.0
Pecos	0	0.0	2	12.9	0	0	1	6.397	1	6.416	4	25.47	0	0	0	0.0
Polk	3	6.6	2	4.4	4	8.796	6	13.13	0	0	4	8.712	9	19.48	3	6.4
Potter	11	9.2	11	9.2	5	4.118	5	4.084	22	17.9	23	18.8	19	15.54	35	28.7
Presidio	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Rains	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	1	9.0
Randall	2	1.7	1	0.8	3	2.475	2	1.621	7	5.604	8	6.316	9	6.994	13	10.0
Reagan	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0

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	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Red River	0	0.0	2	15.6	2	15.6	1	7.9	1	7.9	0	0.0	2	16.0	1	8.0
Reeves	18	136.3	1	7.4	4	29.0	4	29.0	5	35.9	15	106.5	13	90.3	26	176.5
Refugio	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Roberts	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Robertson	9	54.4	5	30.1	6	36.2	2	12.0	2	12.2	4	24.3	6	36.5	1	6.0
Rockwall	1	1.4	3	3.9	1	1.3	5	6.2	5	6.0	5	5.9	8	9.1	6	6.6
Runnels	1	9.6	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0	0	0.0	1	9.5
Rusk	12	23.0	14	26.5	14	26.2	15	27.9	8	14.9	12	22.5	6	11.3	16	30.1
Sabine	1	9.5	0	0.0	0	0.0	1	9.4	4	38.2	2	19.3	0	0.0	0	0.0
San Augustine	6	66.4	2	22.4	0	0.0	2	22.6	0	0.0	1	11.5	0	0.0	3	35.4
San Jacinto	1	3.9	1	3.8	0	0.0	2	7.5	4	14.8	1	3.7	2	7.4	2	7.3
San Patricio	6	9.0	4	6.1	1	1.6	2	3.1	4	6.1	10	15.1	13	19.4	7	10.4
San Saba	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	17.5	0	0.0	0	0.0
Schleicher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Scurry	2	12.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.7
Shackelford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shelby	9	35.5	5	19.6	5	19.7	3	11.7	7	26.9	2	7.7	3	11.7	4	15.7
Sherman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Smith	34	16.7	55	26.6	46	21.9	51	24.0	32	14.9	38	17.5	24	10.9	37	16.6
Somervell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Starr	4	6.7	4	6.6	2	3.3	3	4.9	7	11.3	4	6.4	5	7.9	5	7.8
Stephens	3	31.4	0	0.0	0	0.0	2	21.0	2	20.9	2	21.4	1	10.7	5	53.0
Sterling	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stonewall	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sutton	0	0.0	0	0.0	0	0.0	0	0.0	1	25.4	0	0.0	0	0.0	0	0.0
Swisher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.9	0	0.0	1	13.3
Tarrant	347	19.9	450	25.2	387	21.3	357	19.3	428	22.7	426	22.3	401	20.6	467	23.6
Taylor	18	14.0	13	10.0	16	12.1	13	9.8	13	9.7	11	8.2	2	1.5	12	8.8
Terrell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Terry	2	16.1	0	0.0	5	39.5	1	7.9	2	15.9	1	7.9	3	23.5	5	39.2
Throckmorton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Titus	14	45.2	3	9.4	3	9.3	5	15.4	5	15.3	0	0.0	1	3.1	4	12.3
Tom Green	9	8.4	8	7.3	7	6.3	13	11.6	8	7.0	36	31.3	25	21.4	19	16.1
Travis	292	29.8	309	30.7	286	27.8	365	34.4	413	37.7	446	39.8	556	48.3	501	42.6
Trinity	1	7.0	5	34.5	2	13.6	1	6.8	4	27.9	1	6.9	2	14.0	1	6.9
Tyler	3	13.9	5	23.0	4	18.4	4	18.5	4	18.6	2	9.3	1	4.7	2	9.4
Upshur	4	10.3	5	12.8	6	15.2	5	12.6	4	10.0	1	2.5	4	9.9	3	7.4
Upton	0	0.0	1	30.1	0	0.0	0	0.0	0	0.0	0	0.0	1	28.9	0	0.0
Uvalde	1	3.8	1	3.8	2	7.6	0	0.0	1	3.7	4	14.8	1	3.7	2	7.3
Val Verde	11	23.0	5	10.3	5	10.2	3	6.1	12	24.5	7	14.3	15	30.7	10	20.4
Van Zandt	3	5.7	2	3.8	2	3.8	2	3.8	6	11.5	4	7.6	1	1.9	3	5.6
Victoria	38	44.3	46	53.1	23	26.5	22	25.2	11	12.3	18	20.0	22	24.1	11	11.9
Walker	25	38.0	17	25.5	32	46.9	22	32.2	20	29.2	16	23.1	39	55.9	20	28.3
Waller	4	9.9	9	21.4	10	23.0	27	61.3	11	24.8	10	22.0	11	23.5	9	18.5
Ward	1	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	25.6
Washington	1	3.0	3	9.0	2	5.9	1	2.9	2	5.9	4	11.7	1	2.9	3	8.6
Webb	30	12.5	32	13.0	33	13.1	43	16.8	41	15.8	38	14.4	62	23.2	73	27.1
Wharton	6	14.7	8	19.5	5	12.1	5	12.1	3	7.3	5	12.1	9	21.8	9	21.7
Wheeler	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wichita	4	3.1	5	3.8	10	7.6	15	11.5	8	6.1	5	3.8	16	12.0	36	27.3
Wilbarger	1	7.4	2	14.7	1	7.4	1	7.4	0	0.0	0	0.0	0	0.0	3	23.0
Willacy	8	36.8	4	18.3	2	9.0	5	22.6	23	104.0	21	95.7	18	82.1	13	59.4
Williamson	21	5.3	21	5.1	35	8.2	32	7.2	31	6.8	35	7.4	36	7.4	37	7.3
Wilson	2	4.8	4	9.5	3	7.0	4	9.2	3	6.7	9	19.8	10	21.5	5	10.5
Winkler	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	13.2	0	0.0	2	25.0
Wise	2	3.4	3	5.1	0	0.0	3	5.0	3	5.0	2	3.3	0	0.0	1	1.6
Wood	6	14.4	2	4.8	4	9.5	1	2.4	7	16.5	5	11.8	0	0.0	2	4.6
Yoakum	0	0.0	2	25.3	0	0.0	0	0.0	2	24.9	0	0.0	0	0.0	2	23.4
Young	0	0.0	1	5.4	0	0.0	1	5.4	2	10.9	0	0.0	0	0.0	1	5.5
Zapata	1	7.3	0	0.0	3	21.3	2	14.1	1	7.0	0	0.0	0	0.0	0	0.0
Zavala	1	8.5	2	17.3	1	8.5	3	25.4	0	0.0	1	8.2	0	0.0	1	8.2
Total	6,328	26.0	6,903	27.8	6,365	25.2	6,175	24.1	7,075	27.1	7,042	26.6	7,656	28.4	8,395	30.6

* Rates represent cases per 100,000 population.

Appendix D
Primary and Secondary Syphilis Cases and Rates
By County of Residence
2007-2014

P&S Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	0	0.0	1	1.7	1	1.7	1	1.7	0	0.0	0	0.0	0	0.0	2	3.5
Andrews	0	0.0	0	0.0	0	0.0	2	13.0	0	0.0	1	6.0	0	0.0	0	0.0
Angelina	0	0.0	5	5.8	6	6.9	6	6.9	1	1.1	2	2.3	0	0.0	2	2.3
Aransas	0	0.0	0	0.0	0	0.0	0	0.0	2	8.4	0	0.0	7	28.1	3	11.8
Archer	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Armstrong	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	102.7
Atascosa	2	4.6	0	0.0	2	4.4	1	2.2	2	4.3	5	10.6	3	6.3	4	8.3
Austin	1	3.6	1	3.5	1	3.5	2	7.0	1	3.5	0	0.0	0	0.0	0	0.0
Bailey	0	0.0	0	0.0	1	14.0	0	0.0	0	0.0	0	0.0	1	14.4	0	0.0
Bandera	3	14.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	9.4
Bastrop	3	4.1	1	1.4	7	9.4	2	2.7	1	1.3	1	1.3	2	2.6	4	5.0
Baylor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bee	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.1	1	3.0	0	0.0
Bell	5	1.7	10	3.3	17	5.4	5	1.6	17	5.3	32	9.8	22	6.7	21	6.3
Bexar	182	11.0	217	12.9	175	10.2	193	11.0	309	17.3	300	16.4	221	11.9	223	11.8
Blanco	0	0.0	0	0.0	1	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Borden	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bosque	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.6	0	0.0
Bowie	18	19.7	54	58.5	37	39.9	18	19.4	6	6.5	1	1.1	2	2.1	6	6.4
Brazoria	7	2.3	6	1.9	6	1.9	9	2.8	6	1.8	5	1.5	7	2.1	8	2.3
Brazos	8	4.3	4	2.1	10	5.1	4	2.0	5	2.5	5	2.4	15	7.2	6	2.8
Brewster	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Briscoe	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brooks	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Brown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6
Burleson	0	0.0	0	0.0	0	0.0	0	0.0	1	5.8	1	5.8	2	11.6	0	0.0
Burnet	1	2.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2
Caldwell	1	2.7	0	0.0	0	0.0	0	0.0	1	2.6	0	0.0	5	12.6	3	7.4
Calhoun	0	0.0	0	0.0	0	0.0	0	0.0	1	4.6	0	0.0	1	4.6	0	0.0
Callahan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cameron	0	0.0	0	0.0	0	0.0	0	0.0	3	0.7	2	0.5	3	0.7	8	1.9
Camp	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.9	0	0.0
Carson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cass	0	0.0	5	16.5	6	19.7	3	9.8	0	0.0	1	3.3	0	0.0	0	0.0
Castro	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Chambers	0	0.0	1	2.9	1	2.8	0	0.0	0	0.0	0	0.0	1	2.6	1	2.6
Cherokee	1	2.0	2	4.0	1	2.0	2	3.9	0	0.0	1	2.0	1	2.0	0	0.0
Childress	0	0.0	1	14.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.1
Clay	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0
Cochran	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.9
Coke	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	30.9
Coleman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Collin	6	0.8	11	1.4	4	0.5	5	0.6	18	2.1	13	1.5	7	0.8	14	1.5
Collingsworth	0	0.0	0	0.0	0	0.0	0	0.0	1	33.0	0	0.0	0	0.0	0	0.0
Colorado	2	9.6	3	14.4	2	9.6	1	4.8	1	4.8	1	4.8	1	4.8	1	4.8
Comal	4	3.9	2	1.9	1	0.9	0	0.0	5	4.4	4	3.4	7	5.7	0	0.0
Comanche	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Concho	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Cooke	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Coryell	1	1.3	1	1.3	2	2.6	1	1.3	1	1.3	4	5.3	1	1.3	0	0.0
Cottle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crane	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crockett	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Crosby	0	0.0	1	16.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Culberson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dallam	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.0
Dallas	197	8.5	291	12.4	182	7.7	181	7.5	197	8.0	252	10.1	292	11.6	279	10.9
Dawson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Deaf Smith	0	0.0	0	0.0	1	5.1	0	0.0	0	0.0	0	0.0	4	20.8	0	0.0
Delta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Denton	2	0.3	4	0.6	3	0.4	3	0.4	8	1.1	8	1.1	19	2.5	16	2.0
DeWitt	1	5.0	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.8
Dickens	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Dimmit	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

* Rates represent cases per 100,000 population.

P&S Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	1	27.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Duval	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.6	0	0.0	1	8.8
Eastland	0	0.0	0	0.0	1	5.4	0	0.0	1	5.4	0	0.0	0	0.0	0	0.0
Ector	0	0.0	5	3.7	3	2.2	2	1.4	4	2.8	3	2.0	4	2.6	15	9.4
Edwards	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ellis	1	0.7	4	2.7	2	1.3	2	1.3	4	2.6	4	2.6	3	1.9	2	1.2
El Paso	7	0.9	13	1.7	16	2.0	14	1.7	18	2.2	25	3.0	31	3.7	66	7.9
Erath	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Falls	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Fannin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	5.9	0	0.0
Fayette	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Fisher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Floyd	0	0.0	0	0.0	0	0.0	1	15.7	0	0.0	0	0.0	0	0.0	0	0.0
Foard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Fort Bend	22	4.1	30	5.3	24	4.1	16	2.6	19	3.0	13	2.0	23	3.3	27	3.8
Franklin	1	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Freestone	0	0.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Frio	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.4	0	0.0
Gaines	0	0.0	0	0.0	1	5.7	0	0.0	0	0.0	0	0.0	0	0.0	3	15.0
Galveston	25	8.7	39	13.6	15	5.1	10	3.4	7	2.3	9	2.9	7	2.2	6	1.9
Garza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gillespie	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Glasscock	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Goliad	0	0.0	0	0.0	0	0.0	1	13.9	0	0.0	0	0.0	0	0.0	0	0.0
Gonzales	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.9
Gray	1	4.4	0	0.0	0	0.0	0	0.0	2	8.8	0	0.0	0	0.0	0	0.0
Grayson	0	0.0	1	0.8	2	1.7	0	0.0	0	0.0	1	0.8	0	0.0	1	0.8
Gregg	4	3.4	27	22.3	20	16.4	10	8.2	11	8.9	6	4.9	9	7.3	9	7.3
Grimes	0	0.0	0	0.0	1	3.8	0	0.0	0	0.0	0	0.0	1	3.7	0	0.0
Guadalupe	2	1.6	1	0.8	0	0.0	1	0.7	4	2.9	3	2.1	6	4.1	3	2.0
Hale	0	0.0	0	0.0	1	2.8	3	8.2	0	0.0	0	0.0	1	2.9	1	2.9
Hall	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hamilton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hansford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hardeman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hardin	5	9.4	2	3.7	4	7.3	1	1.8	6	10.9	1	1.8	1	1.8	0	0.0
Harris	381	9.7	323	8.0	267	6.5	267	6.4	494	11.6	308	7.1	370	8.3	389	8.6
Harrison	3	4.7	4	6.1	4	6.1	2	3.0	4	6.0	3	4.5	1	1.5	1	1.5
Hartley	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Haskell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hays	3	2.0	3	2.0	5	3.2	6	3.7	5	3.0	3	1.7	15	8.1	13	6.7
Hemphill	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Henderson	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0
Hidalgo	1	0.1	0	0.0	0	0.0	4	0.5	2	0.2	1	0.1	8	1.0	7	0.8
Hill	0	0.0	0	0.0	1	2.8	1	2.8	0	0.0	0	0.0	0	0.0	0	0.0
Hockley	1	4.4	2	8.7	1	4.4	0	0.0	0	0.0	1	4.3	1	4.2	1	4.3
Hood	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	7.6	0	0.0	1	1.8
Hopkins	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.8	0	0.0
Houston	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.4	1	4.4	0	0.0
Howard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.7
Hudspeth	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hunt	0	0.0	0	0.0	1	1.2	0	0.0	3	3.4	0	0.0	1	1.1	1	1.1
Hutchinson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.6	0	0.0	0	0.0
Irion	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jack	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jackson	0	0.0	0	0.0	1	7.1	0	0.0	1	7.0	0	0.0	0	0.0	0	0.0
Jasper	3	8.5	2	5.7	1	2.8	0	0.0	1	2.8	0	0.0	1	2.8	0	0.0
Jeff Davis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jefferson	139	55.7	154	61.3	52	20.6	48	18.9	36	14.3	18	7.1	22	8.7	19	7.5
Jim Hogg	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jim Wells	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	1	2.4
Johnson	1	0.7	0	0.0	1	0.7	3	2.0	2	1.3	4	2.6	2	1.3	2	1.3
Jones	0	0.0	0	0.0	1	4.9	3	14.8	0	0.0	0	0.0	0	0.0	0	0.0
Karnes	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.7

* Rates represent cases per 100,000 population.

P&S Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	1	1.0	2	2.0	0	0	1	0.95	1	0.937	3	2.765	0	0	2	1.7
Kendall	0	0.0	0	0.0	0	0	1	2.898	0	0	0	0	2	5.16	1	2.5
Kenedy	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kent	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kerr	0	0.0	0	0.0	0	0	0	0	0	0	2	4.01	2	3.959	2	3.9
Kimble	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
King	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Kinney	0	0.0	0	0.0	0	0	0	0	0	0	1	27.75	0	0	0	0.0
Kleberg	0	0.0	0	0.0	0	0	0	0	1	3.112	0	0	2	6.25	1	3.1
Knox	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Lamar	1	2.0	0	0.0	0	0	0	0	0	0	0	0	0	0	1	2.0
Lamb	0	0.0	0	0.0	0	0	0	0	0	0	1	7.283	0	0	1	7.5
Lampasas	0	0.0	0	0.0	0	0	1	5.014	0	0	1	4.949	0	0	0	0.0
La Salle	1	15.0	0	0.0	0	0	0	0	0	0	1	13.48	0	0	0	0.0
Lavaca	1	5.2	0	0.0	0	0	0	0	0	0	0	0	0	0	2	10.1
Lee	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Leon	0	0.0	1	5.9	0	0	0	0	0	0	0	0	2	11.91	1	5.9
Liberty	10	13.3	2	2.7	4	5.273	1	1.315	1	1.308	1	1.298	0	0	2	2.5
Limestone	2	8.7	8	34.5	1	4.261	0	0	0	0	0	0	0	0	0	0.0
Lipscomb	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Live Oak	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Llano	1	5.3	0	0.0	0	0	0	0	0	0	0	0	0	0	1	5.1
Loving	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Lubbock	21	7.8	20	7.3	13	4.639	10	3.528	18	6.292	15	5.174	8	2.712	13	4.3
Lynn	0	0.0	1	16.9	0	0	0	0	0	0	0	0	0	0	0	0.0
McCulloch	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
McLennan	14	6.1	6	2.6	6	2.543	9	3.784	0	0	6	2.484	2	0.823	11	4.5
McMullen	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Madison	0	0.0	0	0.0	1	7.277	2	14.56	0	0	0	0	1	7.219	0	0.0
Marion	1	9.3	0	0.0	0	0	0	0	0	0	0	0	1	9.887	0	0.0
Martin	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mason	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Matagorda	0	0.0	3	8.2	0	0	1	2.725	0	0	0	0	0	0	0	0.0
Maverick	0	0.0	0	0.0	0	0	2	3.614	0	0	2	3.531	1	1.749	2	3.5
Medina	1	2.2	0	0.0	0	0	1	2.15	0	0	2	4.227	1	2.089	2	4.1
Menard	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Midland	0	0.0	1	0.7	0	0	2	1.427	2	1.359	1	0.658	3	1.923	6	3.7
Milam	1	4.0	0	0.0	0	0	0	0	1	4.142	0	0	0	0	0	0.0
Mills	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mitchell	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Montague	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Montgomery	12	2.8	18	4.0	8	1.742	3	0.636	17	3.505	13	2.602	9	1.734	15	2.8
Moore	0	0.0	1	4.6	0	0	0	0	0	0	1	4.486	0	0	0	0.0
Morris	4	30.6	0	0.0	1	7.743	0	0	0	0	0	0	0	0	1	8.0
Motley	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Nacogdoches	2	3.2	2	3.1	0	0	0	0	1	1.518	1	1.534	3	4.596	7	10.7
Navarro	0	0.0	3	6.3	2	4.18	0	0	0	0	1	2.081	4	8.327	0	0.0
Newton	0	0.0	0	0.0	1	6.93	1	6.9	0	0	1	7.038	1	7.069	0	0.0
Nolan	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Nueces	5	1.5	4	1.2	14	4.114	22	6.41	38	10.92	23	6.517	21	5.891	27	7.5
Ochiltree	0	0.0	0	0.0	0	0	0	0	0	0	1	9.347	0	0	0	0.0
Oldham	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Orange	13	15.7	13	15.9	4	4.877	8	9.716	1	1.205	2	2.409	0	0	4	4.7
Palo Pinto	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Panola	2	8.5	1	4.2	0	0	0	0	0	0	0	0	1	4.195	1	4.2
Parker	1	0.9	1	0.9	2	1.705	0	0	1	0.835	4	3.329	1	0.816	1	0.8
Parmer	1	10.0	0	0.0	0	0	0	0	0	0	1	10.05	1	10.12	1	10.3
Pecos	0	0.0	1	6.5	0	0	0	0	0	0	0	0	0	0	0	0.0
Polk	1	2.2	0	0.0	1	2.199	2	4.378	0	0	0	0	1	2.165	1	2.1
Potter	5	4.2	1	0.8	1	0.824	0	0	4	3.255	2	1.634	3	2.453	9	7.4
Presidio	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Rains	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0
Randall	1	0.9	0	0.0	2	1.65	1	0.811	2	1.601	3	2.368	0	0	3	2.3
Reagan	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0

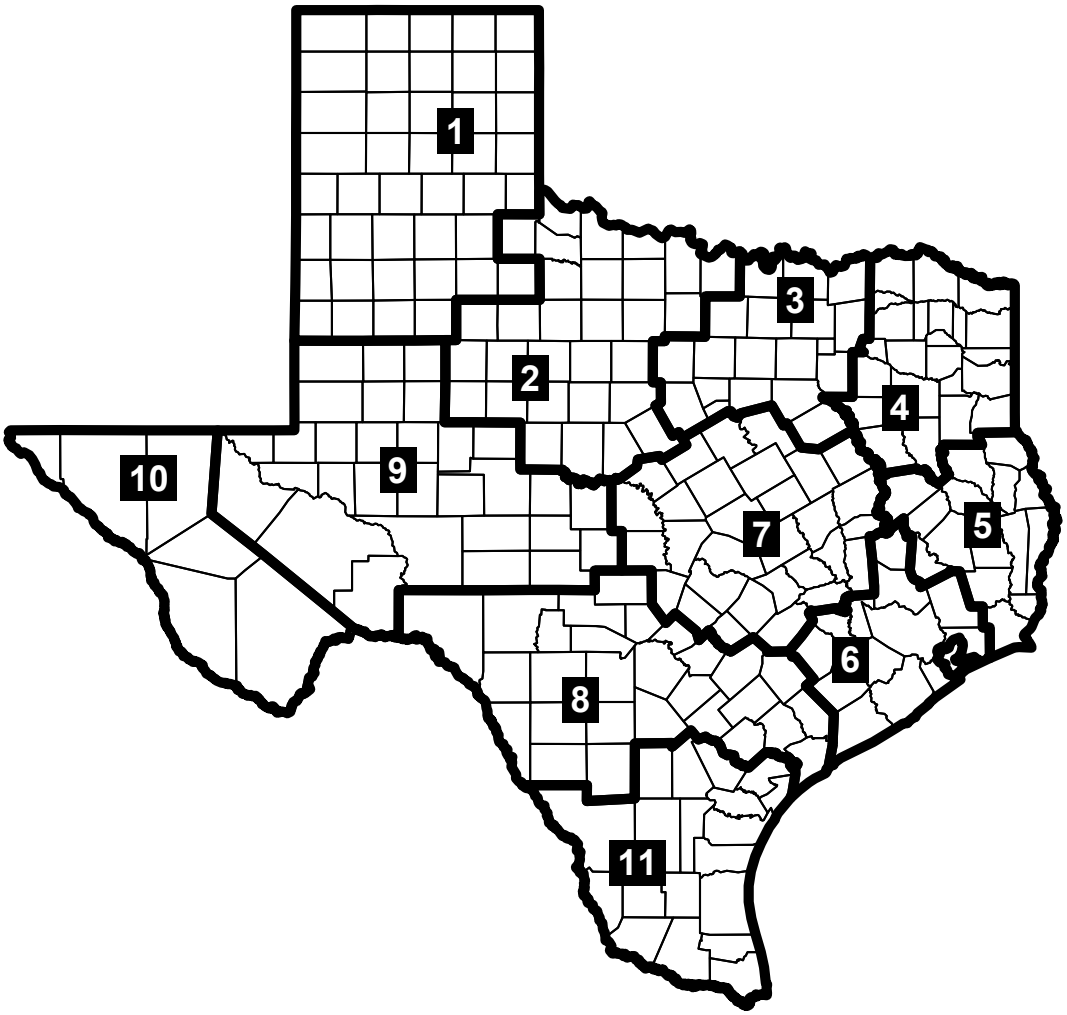
* Rates represent cases per 100,000 population.

P&S Syphilis Cases and Rates by County of Residence, 2008-2015

County	2008		2009		2010		2011		2012		2013		2014		2015	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Red River	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Reeves	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Refugio	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Roberts	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Robertson	4	24.2	3	18.1	0	0.0	1	6.0	0	0.0	0	0.0	2	12.2	0	0.0
Rockwall	0	0.0	0	0.0	1	1.3	0	0.0	2	2.4	0	0.0	4	4.6	0	0.0
Runnels	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rusk	1	1.9	4	7.6	0	0.0	1	1.9	3	5.6	0	0.0	0	0.0	4	7.5
Sabine	0	0.0	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0	0	0.0	0	0.0
San Augustine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.8
San Jacinto	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
San Patricio	1	1.5	0	0.0	0	0.0	1	1.6	1	1.5	4	6.0	7	10.5	4	5.9
San Saba	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Schleicher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Scurry	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shackelford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shelby	1	3.9	0	0.0	1	3.9	0	0.0	1	3.8	0	0.0	2	7.8	0	0.0
Sherman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Smith	5	2.5	7	3.4	3	1.4	4	1.9	4	1.9	4	1.8	1	0.5	6	2.7
Somervell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Starr	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stephens	1	10.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sterling	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Stonewall	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Sutton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Swisher	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tarrant	102	5.8	186	10.4	151	8.3	123	6.7	163	8.7	152	7.9	163	8.4	165	8.3
Taylor	0	0.0	1	0.8	4	3.0	5	3.8	2	1.5	0	0.0	0	0.0	1	0.7
Terrell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Terry	1	8.1	0	0.0	1	7.9	0	0.0	1	7.9	0	0.0	0	0.0	0	0.0
Throckmorton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Titus	1	3.2	0	0.0	1	3.1	0	0.0	0	0.0	0	0.0	0	0.0	1	3.1
Tom Green	0	0.0	1	0.9	0	0.0	2	1.8	2	1.8	6	5.2	1	0.9	11	9.3
Travis	92	9.4	91	9.0	83	8.1	102	9.6	133	12.1	137	12.2	188	16.3	181	15.4
Trinity	0	0.0	2	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tyler	0	0.0	1	4.6	1	4.6	2	9.2	1	4.7	1	4.7	0	0.0	1	4.7
Upshur	0	0.0	0	0.0	1	2.5	0	0.0	1	2.5	0	0.0	2	5.0	0	0.0
Upton	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Uvalde	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.7	0	0.0	1	3.7
Val Verde	0	0.0	0	0.0	0	0.0	0	0.0	1	2.0	1	2.0	1	2.0	0	0.0
Van Zandt	0	0.0	1	1.9	0	0.0	1	1.9	0	0.0	1	1.9	0	0.0	1	1.9
Victoria	11	12.8	2	2.3	3	3.5	1	1.1	2	2.2	4	4.4	6	6.6	2	2.2
Walker	6	9.1	3	4.5	10	14.7	8	11.7	2	2.9	0	0.0	10	14.3	2	2.8
Waller	1	2.5	3	7.1	2	4.6	9	20.4	2	4.5	2	4.4	1	2.1	1	2.1
Ward	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Washington	0	0.0	1	3.0	0	0.0	0	0.0	1	3.0	1	2.9	0	0.0	0	0.0
Webb	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4	2	0.8	1	0.4	4	1.5
Wharton	2	4.9	2	4.9	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	4	9.6
Wheeler	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wichita	0	0.0	0	0.0	3	2.3	4	3.1	0	0.0	0	0.0	3	2.3	4	3.0
Wilbarger	1	7.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Willacy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.6	1	4.6
Williamson	7	1.8	5	1.2	10	2.3	6	1.4	11	2.4	11	2.3	9	1.8	9	1.8
Wilson	0	0.0	1	2.4	1	2.3	0	0.0	0	0.0	2	4.4	2	4.3	1	2.1
Winkler	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Wise	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.6
Wood	1	2.4	0	0.0	0	0.0	1	2.4	2	4.7	0	0.0	0	0.0	0	0.0
Yoakum	0	0.0	1	12.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Young	0	0.0	0	0.0	0	0.0	1	5.4	0	0.0	0	0.0	0	0.0	0	0.0
Zapata	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Zavala	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	1,387	5.7	1,638	6.6	1,231	4.9	1,174	4.6	1,636	6.3	1,469	5.5	1,616	6.0	1,708	6.2

* Rates represent cases per 100,000 population.

Appendix E
Additional Geographic Breakdowns And Rankings



Texas Public Health Regions

STD Cases and Rates by Public Health Region, 2015

Public Health Region	Chlamydia		Gonorrhea		P&S Syphilis		Congenital Syph.	Total Syphilis	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Cases	Rate*
Region 1	4,572	526.5	1,860	214.2	34	3.9	2	160	18.4
Region 2	2,255	410.0	653	118.7	6	1.1	1	76	13.8
Region 3	32,416	437.0	10,364	139.7	485	6.5	15	2,366	31.9
Region 4	4,424	390.3	1,642	144.8	33	2.9	2	171	15.1
Region 5	3,452	445.4	1,016	131.1	35	4.5	2	169	21.8
Region 6	32,671	478.6	8,937	130.9	456	6.7	15	2,613	38.3
Region 7	19,812	601.3	5,664	171.9	251	7.6	3	799	24.3
Region 8	16,267	567.6	4,447	155.2	248	8.7	10	1,081	37.7
Region 9	3,320	519.4	1,010	158.0	37	5.8	-	143	22.4
Region 10	4,599	535.2	550	64.0	66	7.7	-	244	28.4
Region 11	10,062	449.7	1,396	62.4	57	2.5	12	573	25.6
State Total	133,850	**487.3**	37,539	**136.7**	1,708	**6.2**	62	8,395	**30.6**

* Rates represent cases per 100,000 population.

STD Cases by City of Residence, 2015

City of Residence	Chlamydia	Gonorrhea	P&S Syphilis
Houston	20,486	6,261	340
San Antonio	11,942	3,699	218
Dallas	9,106	3,527	201
Austin	6,874	2,204	166
Fort Worth	4,802	1,723	68
El Paso	4,086	492	64
Lubbock	1,953	840	13
Arlington	2,120	607	60
Corpus Christi	2,206	517	20
Killeen	1,877	633	2
Amarillo	1,279	621	13
Waco	1,234	465	7
Irving	1,129	307	11
Odessa	1,057	351	15
Beaumont	979	404	10
Garland	986	268	13
Grand Prairie	938	261	10
Laredo	1,113	85	4
Midland	860	268	6
Longview	744	317	9
Tyler	750	280	6
Mesquite	759	223	8
Humble	760	217	6
Denton	772	203	7
Fort Hood	808	167	0
Spring	777	171	17
Bryan	739	212	3
Abilene	642	296	1
Pasadena	790	142	7
San Angelo	705	209	11
San Marcos	792	118	9
Katy	740	163	11
Round Rock	700	147	4
Temple	596	234	14
Brownsville	754	76	2
Wichita Falls	658	152	4
Plano	638	155	5
College Station	629	136	3
Mckinney	571	120	1
Edinburg	625	58	1
Mcallen	606	70	1
Baytown	542	96	4
Texarkana	417	201	4
Harlingen	524	80	4
Victoria	484	107	2
Sugar Land	498	83	8
Lewisville	467	117	4
Carrollton	452	116	4
Mission	528	39	0
Conroe	464	87	5
Total	**94,958**	**28,325**	**1,406**

25 Counties with the Highest STD Case Numbers, 2015

Rank	Chlamydia		Gonorrhea		P&S Syphilis		Total Syphilis	
	County	Cases	County	Cases	County	Cases	County	Cases
1	Harris	25,478	Harris	7,346	Harris	389	Harris	2,272
2	Dallas	15,341	Dallas	5,334	Dallas	279	Dallas	1,592
3	Bexar	13,069	Bexar	3,905	Bexar	223	Bexar	959
4	Tarrant	8,821	Tarrant	2,883	Travis	181	Travis	501
5	Travis	7,787	Travis	2,431	Tarrant	165	Tarrant	467
6	El Paso	4,506	Bell	1,180	El Paso	66	El Paso	242
7	Bell	3,833	Lubbock	897	Nueces	27	Hidalgo	227
8	Hidalgo	3,345	Nueces	567	Fort Bend	27	Cameron	127
9	Nueces	2,421	McLennan	548	Bell	21	Collin	117
10	Collin	2,301	Collin	547	Jefferson	19	Fort Bend	113
11	Denton	2,205	Jefferson	544	Denton	16	Denton	99
12	Lubbock	2,059	Denton	541	Montgomery	15	Jefferson	93
13	Fort Bend	1,978	El Paso	532	Ector	15	Nueces	88
14	Cameron	1,726	Potter	501	Collin	14	Bell	84
15	McLennan	1,581	Fort Bend	501	Lubbock	13	Webb	73
16	Jefferson	1,478	Gregg	369	Hays	13	Montgomery	65
17	Galveston	1,434	Ector	353	Tom Green	11	Galveston	61
18	Williamson	1,407	Brazos	348	McLennan	11	Lubbock	58
19	Brazos	1,369	Galveston	338	Williamson	9	Hays	49
20	Montgomery	1,241	Smith	322	Potter	9	Gregg	41
21	Brazoria	1,171	Williamson	315	Gregg	9	Brazoria	41
22	Webb	1,123	Hidalgo	314	Cameron	8	Ector	39
23	Hays	1,070	Taylor	293	Brazoria	8	Williamson	37
24	Ector	1,066	Midland	268	Nacogdoches	7	Smith	37
25	Potter	1,005	Montgomery	236	Hidalgo	7	Wichita	36

25 Counties with the Highest STD Case Rates, 2015

Rank	Chlamydia		Gonorrhea		P&S Syphilis		Total Syphilis	
	County	Rate*	County	Rate*	County	Rate*	County	Rate*
1	Armstrong	1,592.2	Potter	411.3	Armstrong	102.7	Reeves	176.5
2	Archer	1,296.6	Bell	352.3	Cochran	33.9	Garza	109.1
3	Bell	1,144.4	Lubbock	299.5	Coke	30.9	Armstrong	102.7
4	Potter	825.1	Gregg	297.3	Travis	15.4	Childress	84.7
5	Caldwell	809.4	Terry	282.6	Gaines	15.0	Concho	73.5
6	Brooks	746.9	Archer	263.9	Childress	14.1	Brooks	69.2
7	Duval	728.8	Armstrong	256.8	Dallam	14.0	Deaf Smith	68.6
8	Kleberg	715.7	Bowie	246.3	Aransas	11.8	La Salle	65.5
9	Gregg	713.1	Navarro	229.7	San Augustine	11.8	Dallas	62.3
10	Bexar	688.7	Childress	225.7	Bexar	11.8	Willacy	59.4
11	Lubbock	687.6	McLennan	223.1	Dallas	10.9	Howard	59.1
12	Dimmit	683.1	Ector	221.4	Nacogdoches	10.7	Stephens	53.0
13	Nueces	673.0	Hale	215.4	Parmer	10.3	Bexar	50.5
14	Ector	668.6	Taylor	215.4	Lavaca	10.1	Harris	50.1
15	Goliad	663.9	Jefferson	213.9	Wharton	9.6	Jones	45.1
16	Travis	661.8	Nolan	211.8	Ector	9.4	Culberson	44.7
17	Brewster	645.2	Dallas	208.9	Bandera	9.4	Travis	42.6
18	McLennan	643.5	Travis	206.6	Tom Green	9.3	Parmer	41.0
19	Brazos	636.6	Lamar	206.3	Duval	8.8	Terry	39.2
20	Cottle	631.1	Bexar	205.8	Harris	8.6	Jefferson	36.6
21	Aransas	627.2	Robertson	192.1	Tarrant	8.3	San Augustine	35.4
22	Hockley	623.1	Panola	180.9	Atascosa	8.3	Cochran	33.9
23	Tom Green	615.6	Tom Green	179.5	Morris	8.0	Gregg	33.0
24	Bastrop	608.5	Dawson	177.5	El Paso	7.9	Atascosa	33.0
25	Nacogdoches	607.6	Hockley	170.7	Rusk	7.5	Frio	31.9

* Rates represent cases per 100,000 population.

Appendix F
Special Populations: Persons Living with HIV and Men who have Sex with Men

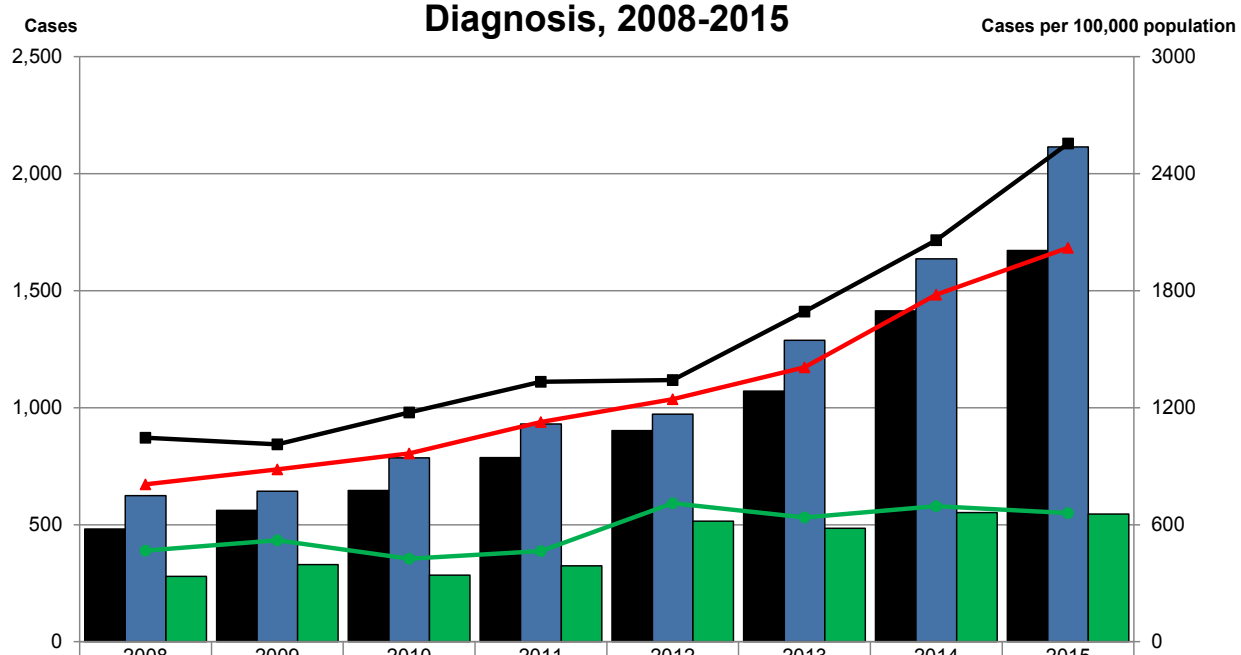
STDs among Persons Living with HIV

STDs in Persons living with HIV
Persons living with HIV (PLWH) experience higher rates of STDs than the general population*. The rate of STDs in Persons Living with HIV in Texas has increased over the past 10 years. It is difficult to know whether increases in rates are due to an increase in STD screening among PLWH (including increased extragenital testing in Men who have Sex with Men) or a true rise in incident cases.

Screening for STDs in Persons Living with HIV**
Texas Department of State Health Services recommends that all Persons Living with HIV be screened annually for STDs, and PLWH who are sexually active and at high risk should be screened every 3-6 months.

*** Source: CDC Fact Sheet: STDs and HIV**
****Source: Texas DSHS Outpatient Ambulatory Medical Care Standards for Persons Living with HIV, 2015**

Texas Chlamydia, Gonorrhea, and Primary&Secondary Syphilis Cases and Case Rates among Persons living with HIV by Year of Diagnosis, 2008-2015



	2008	2009	2010	2011	2012	2013	2014	2015
Chlamydia Cases	482	561	646	787	902	1071	1414	1672
Gonorrhea Cases	624	643	786	931	973	1288	1636	2114
P&S Syphilis Cases	279	330	285	325	515	485	552	546
Chlamydia Rate	807.8	883.6	966.0	1126.5	1243.8	1407.8	1779.5	2020.7
Gonorrhea Rate	1045.7	1012.8	1175.4	1332.6	1341.7	1693.0	2058.9	2554.8
P&S Syphilis Rate	467.6	519.8	426.2	465.2	710.1	637.5	694.7	659.9

STDs among Men who have sex with Men

STDs in Men who have sex with Men*

Men who have sex with Men (MSM) experience higher rates of STDs compared to the general population. Higher rates of STDs in this population means that sexually active MSM are at higher risk of having a partner with an STD.

STD surveillance in Texas collects data on sex of partners to persons diagnosed with syphilis. In 2014, DSHS published estimates the MSM population in Texas, which allows for calculation of population rates of HIV and syphilis. In 2013, MSM comprised about 3% of the adult population in Texas. However, in the same year, Men who report having sexual contact with other Men comprised 65% of all persons diagnosed with Primary and Secondary Syphilis in Texas, and 53% of all persons diagnosed with Early Latent Syphilis.

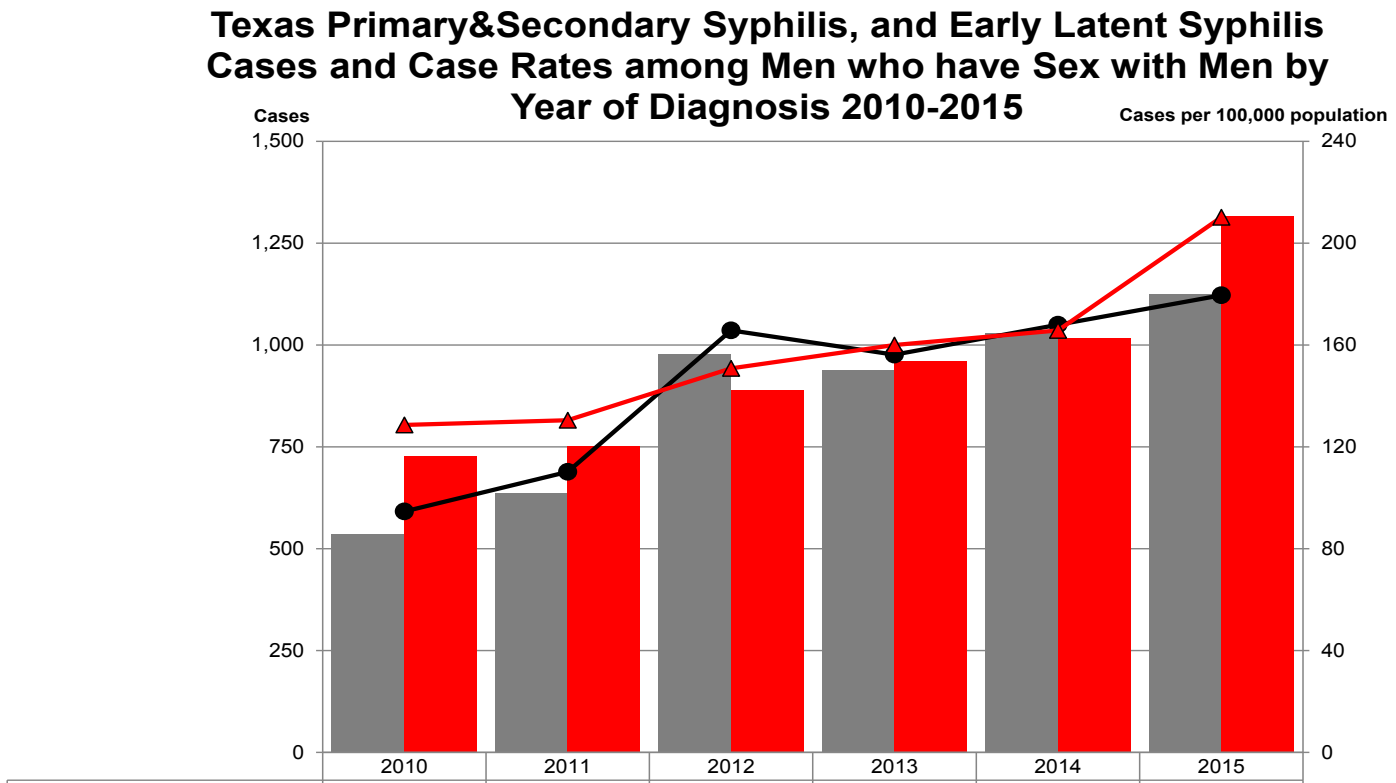
Syphilis infection raises the risk of acquiring and transmitting HIV**. Syphilis sores (chancres) provide an opening through which HIV can enter the body.

The CDC recommends that sexually active MSM should be screened annually for syphilis.

***Source: Centers for Disease Control and Prevention: What Gay, Bisexual, and Other Men who have Sex with Men need to know about Sexually Transmitted Diseases Fact Sheet, 2014**

****Source: Centers for Disease Control and Prevention: Syphilis & MSM Fact Sheet**

Note: Transgender persons may or may not be designated as MSM



	2010	2011	2012	2013	2014	2015
P&S Syphilis Cases	535	635	977	938	1030	1124
Early Latent Syphilis Cases	727	752	889	961	1016	1316
P&S Syphilis Rate	94.6	110.1	165.7	156.2	167.9	179.5
Early Latent Syphilis Rate	128.5	130.4	150.8	160.0	165.7	210.1