



TEXAS
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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
P.O. Box 149347
Austin, Texas 78714

Important Notes on the Data:

This report describes cases reported to the Texas Department of State Health Services (DSHS) TB/HIV/STD Surveillance Program from January 1, 2018, through December 31, 2018, as well as historical data. The 2018 Texas STD Surveillance Report presents data by date of diagnosis, not date of report as in previous surveillance reports. Therefore, cases and 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 2011-2018 data are from the National Center for Health Statistics [Vintage 2018 postcensal estimates of the resident population of the United States April 1, 2010, July 1, 2010-July 1, 2017, 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 (PLWH) 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 2018 HIV Surveillance report were estimated through a previously published methodology. For more details, see:

Oster, Alexandra & Sternberg, Maya & Lansky, Amy & Broz, Dita & Wejnert, Cyprian & Paz-Bailey, Gabriela. (2015). Population Size Estimates for Men who Have Sex with Men and Persons who Inject Drugs. *Journal of Urban Health: Bulletin of the New York Academy of Medicine*. 92. 10.1007/s11524-015-9970-3.

MSM denominator estimates for this year's report were re-calculated using updated data sources and rates may have changed. For more information, please contact TBHIVSTDdata@dshs.texas.gov.

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 (CDC) 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 Texas Department of State Health Services (DSHS) with the authority to adopt rules concerning the reporting of communicable diseases; and §12.001, which provides DSHS with the authority to adopt rules for the performance of every duty imposed by law on DSHS and the Commissioner of Health. A copy of the rules can be obtained from DSHS 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 2018, 1,758,668 cases of chlamydia were reported to the 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 new chlamydia infections in the United States occur in young persons aged 15-24 years. 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 black persons to be 5.6 times the prevalence among non-Hispanic whites. 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 rectal chlamydia infection, positivity ranged from 3.0% to 10.5%. Among MSM screened for pharyngeal chlamydia infection, positivity has ranged from 0.5% to 2.3%.

Chlamydia Screening and Treatment*

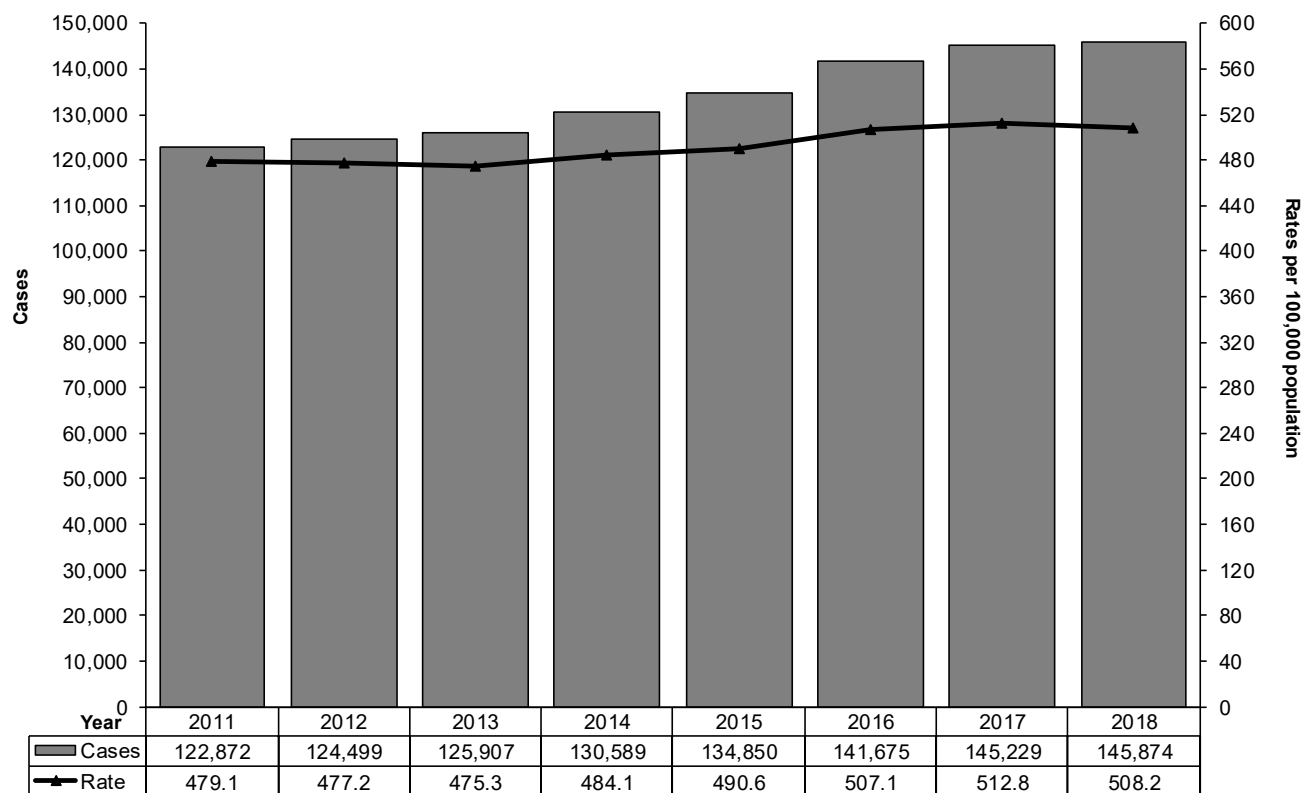
Because chlamydia is usually asymptomatic, screening is necessary to identify most infections. For more information on screening and treatment, visit the CDC's 2015 Sexually Transmitted Diseases Treatment Guidelines for Chlamydial infections at <https://www.cdc.gov/std/tg2015/chlamydia.htm>

2018 State of Texas Chlamydia Quick Facts

Number of reported Chlamydia cases: 145,874
Chlamydia rate per 100,000 Texas residents: 508.2
Percent change in Chlamydia rate from 2017: -1.0%

***Source:** Detailed STD Facts - Chlamydia. (2019, October). Retrieved October 11, 2019, from <https://www.cdc.gov/std/chlamydia/stdfact-chlamydia-detailed.htm>.

Texas Chlamydia Cases and Rates by Year of Diagnosis, 2011-2018



Chlamydia Cases and Rates by Sex, Race/Ethnicity and Age Group, 2011-2018

	2011		2012		2013		2014		2015		2016		2017		2018*	
	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]	Cases	Rate [†]
Sex[‡]																
Male	29,162	229.3	29,972	231.5	31,273	237.9	33,916	253.2	37,144	272.1	40,938	295.0	43,389	308.3	45,209	317.0
Female	93,688	724.8	94,455	718.6	93,804	703.1	96,509	710.5	97,265	703.1	100,418	714.3	101,497	712.2	100,050	692.8
Unknown	22		72		830		164		441		319		343		615	
Race																
White	27,395	238.1	28,700	247.7	30,927	265.8	28,990	247.2	28,773	243.6	29,455	248.3	29,949	251.9	23,492	N/A
Black	35,665	1,204.3	34,710	1,148.0	32,568	1,056.1	31,848	1,009.5	30,893	956.1	32,817	993.0	36,418	1,079.4	30,817	N/A
Hispanic	50,670	519.6	48,828	489.1	48,649	476.8	48,047	460.2	45,961	429.7	47,618	435.3	52,104	467.1	42,748	N/A
Asian + NHPI* + AIAN [^]	1,343	120.5	1,247	106.9	1,278	104.6	1,389	107.4	1,290	94.4	1,391	97.1	1,751	117.3	1,250	N/A
Multi Race	85	27.1	95	28.9	132	38.4	121	33.5	121	31.8	157	39.5	146	35.4	141	N/A
Unspecified + unknown	7,714		10,919		12,353		20,194		27,812		30,237		24,861		47,426	
Age Group (Years)																
0 - 14	1,472	25.4	1,496	25.5	1,272	21.5	1,247	20.9	1,134	18.8	1,030	16.9	1,014	16.5	1,029	16.7
15 - 24	86,719	2,308.8	86,045	2,254.3	85,143	2,204.0	86,174	2,199.0	87,808	2,214.5	91,535	2,293.0	93,168	2,326.5	93,136	2,310.6
25 - 34	27,524	743.5	29,104	770.5	30,857	801.7	33,230	842.9	35,293	874.8	37,217	903.3	38,451	918.8	38,926	918.9
35 - 44	5,427	155.2	5,868	165.5	6,530	182.2	7,396	203.3	7,833	211.6	8,474	225.9	8,981	235.7	9,077	233.8
45 - 54	1,317	38.2	1,502	43.5	1,616	46.8	1,939	56.0	2,087	59.7	2,505	71.0	2,633	74.3	2,601	73.2
55 - 64	292	10.7	350	12.5	356	12.4	431	14.6	511	16.8	694	22.3	766	24.1	833	25.8
65+	77	2.8	68	2.4	99	3.3	125	4.1	114	3.6	108	3.2	170	4.9	148	4.1
Unknown	44		66		34		47		70		112		46		124	
Total	122,872	479.1	124,499	477.2	125,907	475.3	130,589	484.1	134,850	490.6	141,675	507.1	145,229	512.8	145,874	508.2

*A delay in updating the race/ethnicity field in the surveillance data has resulted in a large number of cases with race/ethnicity as unknown. Ongoing data quality improvement will address this for 2019 reporting. Numbers should be interpreted with caution.

[†]Rates represent cases per 100,000 population.

[‡]Transgender persons may be included in male, female, or unknown sex categories.

*NHPI: Native Hawaiian/Pacific Islander.

[^]AIAN: American Indian/Alaska Native.

Chlamydia Cases by Age Group, Race/Ethnicity and Sex, 2018

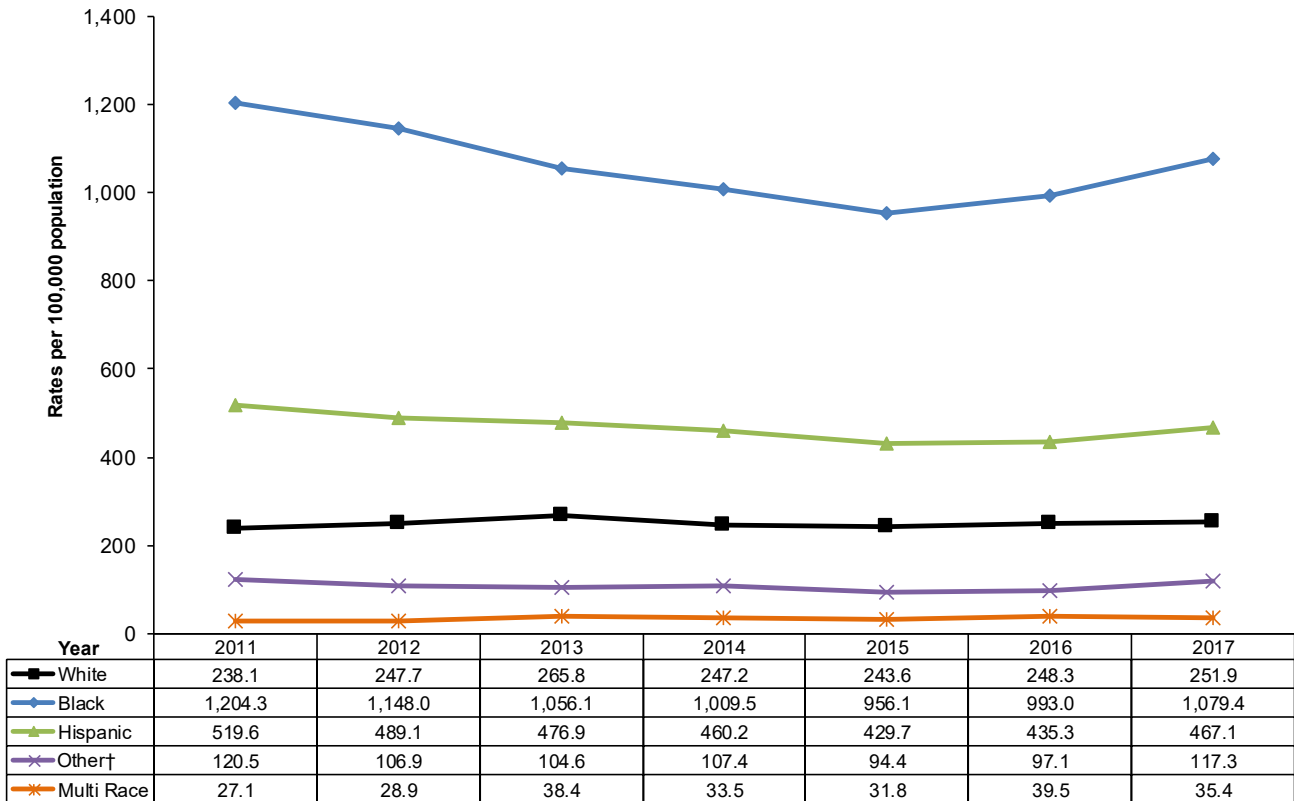
Age Group (Years)	Male							Female							Unk Sex	Total	Percent
	White	Black	Hisp.	NHPI* + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total	White	Black	Hisp.	NHPI* + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total			
0 - 14	13	35	42	0	0	50	140	102	201	290	0	1	292	886	3	1,029	0.7%
15 - 24	3,434	6,066	5,529	190	27	8,804	24,050	11,085	14,039	21,368	471	66	21,685	68,714	372	93,136	63.8%
25 - 34	2,612	3,523	3,629	212	20	4,790	14,786	3,860	4,721	8,193	196	14	7,000	23,984	156	38,926	26.7%
35 - 44	808	894	1,000	58	7	1,369	4,136	725	727	1,782	59	2	1,604	4,899	42	9,077	6.2%
45 - 54	399	299	269	14	0	467	1,448	179	147	393	17	1	413	1,150	3	2,601	1.8%
55 - 64	184	86	64	4	1	169	508	40	38	108	7	0	129	322	3	833	0.6%
65+	27	13	19	0	0	44	103	10	5	14	0	0	15	44	1	148	0.1%
Unk	2	4	1	0	0	31	38	1	3	14	0	0	33	51	35	124	0.1%
Total	7,479	10,920	10,553	478	55	15,724	45,209	16,002	19,881	32,162	750	84	31,171	100,050	615	145,874	
Percent	16.5%	24.2%	23.3%	1.1%	0.1%	34.8%		16.0%	19.9%	32.1%	0.7%	0.1%	31.2%				
	Percent Male						31.0%	Percent Female						68.6%			

*NHPI: Native Hawaiian/Pacific Islander. *AIAN: American Indian/Alaska Native.

Race/Ethnicity Totals	Count	Percent
White	23,492	16.1%
Black	30,817	21.1%
Hispanic	42,748	29.3%
NHPI+AIAN+Asian	1,250	0.9%
Multi Race	141	0.1%
Unspecified + Unknown	47,426	32.5%
Total	145,874	

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

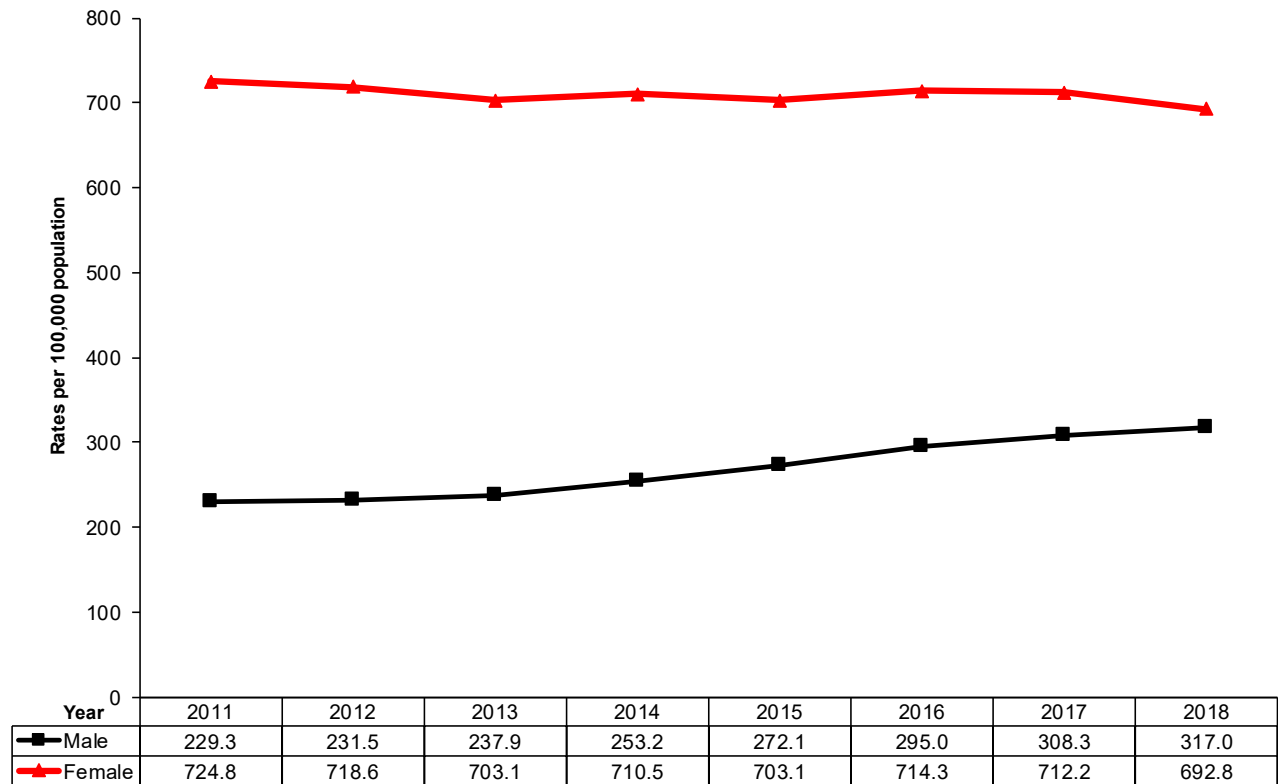
Texas Chlamydia Rates by Race and Year of Diagnosis, 2011-2017*



*A delay in updating the race/ethnicity field in the surveillance data has resulted in a large number of cases with race/ethnicity as unknown. Race rates for 2018 have been removed in the above graph because of this. Ongoing data quality improvement will address this for 2019 reporting. Numbers should be interpreted with caution.

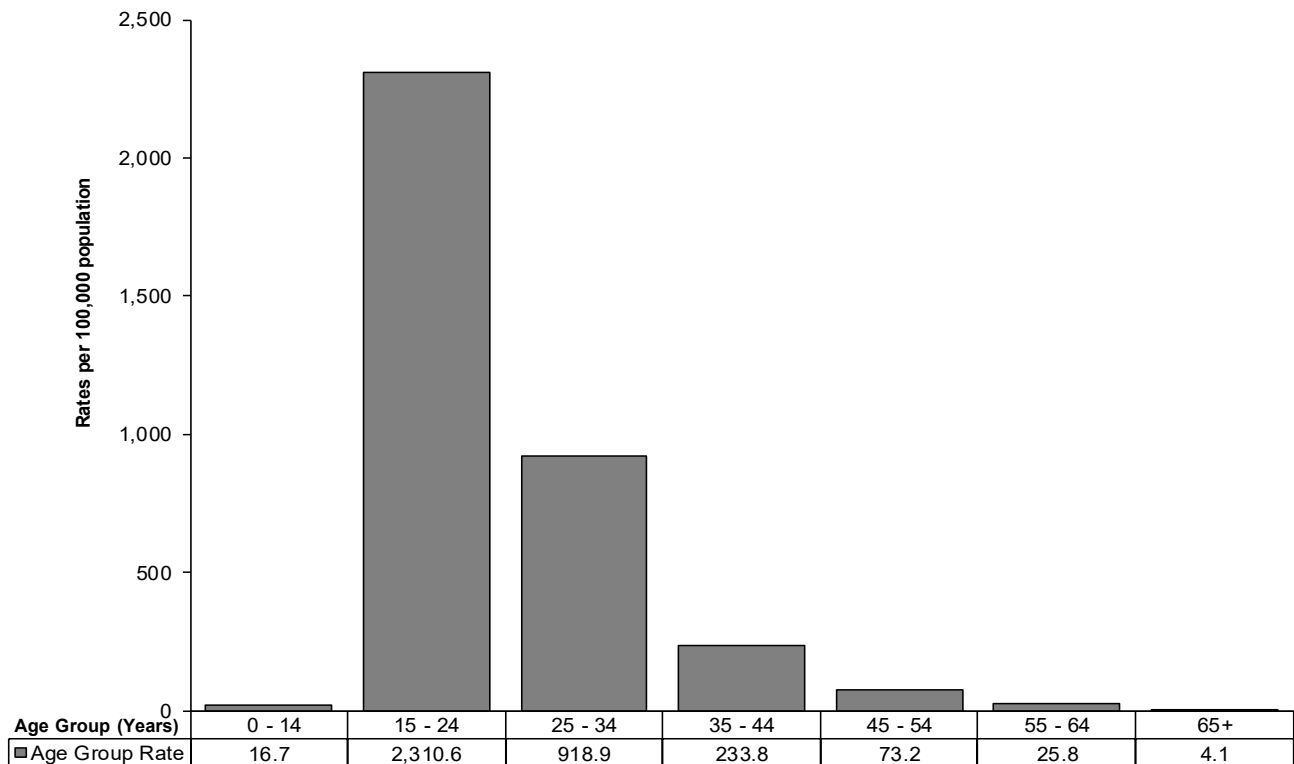
†Other includes Native Hawaiian/Pacific Islander, American Indian/Alaska Native, and Asian.

Texas Chlamydia Rates by Sex and Year of Diagnosis, 2011-2018



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

Texas Chlamydia Rates by Age Group, 2018



GONORRHEA: Brief Overview and Quick Facts

Description and Background*

Gonorrhea is an STD caused by infection with the *Neisseria gonorrhoeae* bacterium. *Neisseria gonorrhoeae* infects the mucous membranes of the reproductive tract, including the cervix, uterus, and fallopian tubes in women, and the urethra in women and men. *Neisseria gonorrhoeae* can also infect the mucous membranes of the mouth, throat, eyes, and rectum.

Gonorrhea is a very common infectious disease. The CDC estimates that, 820,000 people in the United States get new gonorrheal infections annually. Less than half of these infections are detected and reported. CDC estimates that 570,000 of them were among young people 15-24 years of age. In 2018, 583,405 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 urogenital gonorrhea infection in the 30 STD surveillance clinics in ten STD Surveillance Network jurisdictions across the United States, positivity ranged from 4.6% to 13.5% (median 8.5%)[†].

Gonorrhea Screening and Treatment*

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. For more information on screening and treatment, visit the CDC's 2015 Sexually Transmitted Diseases Treatment Guidelines for Gonococcal infections at <https://www.cdc.gov/std/tg2015/gonorrhea.htm>

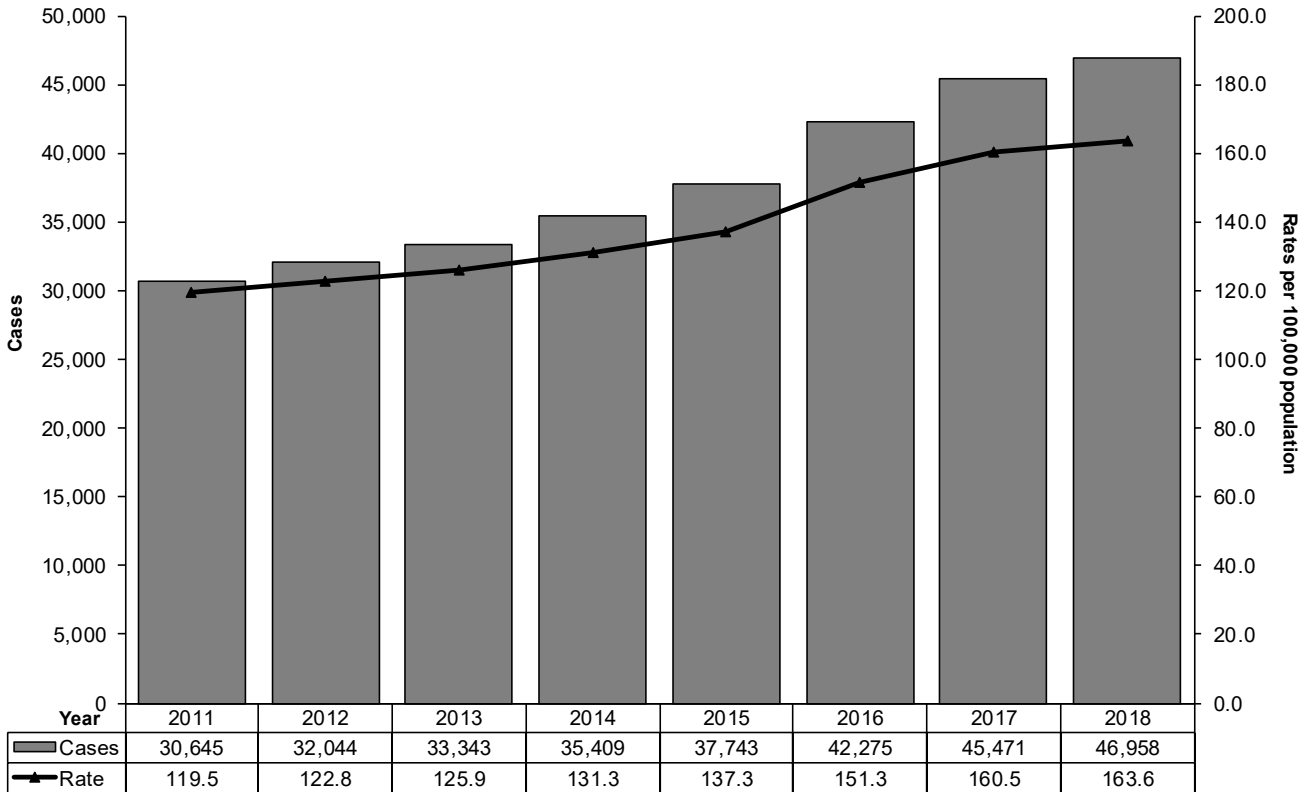
2018 State of Texas Gonorrhea Quick Facts

Number of reported gonorrhea cases:	46,958
Gonorrhea rate per 100,000 Texas residents:	163.6
Percent change in gonorrhea rate from 2017:	+1.7%

***Source:** Detailed STD Facts - Gonorrhea. (2019, October). Retrieved October 11, 2019, from <https://www.cdc.gov/std/gonorrhea/stdfact-gonorrhea-detailed.htm>.

[†]**Source:** STDs in Men Who Have Sex with Men - 2017 Sexually Transmitted Diseases Surveillance. (2018, July). Retrieved October 11, 2019, from <https://www.cdc.gov/std/stats17/msm.htm>.

Texas Gonorrhea Cases and Rates by Year of Diagnosis, 2011-2018



Gonorrhea Cases and Rates by Sex, Race/Ethnicity and Age Group, 2011-2018

	2011		2012		2013		2014		2015		2016		2017		2018*	
	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†
Sex ‡																
Male	14,374	113.0	15,042	116.2	16,239	123.5	18,077	135.0	20,785	152.2	23,728	171.0	25,186	179.0	26,961	189.1
Female	16,264	125.8	16,993	129.3	16,932	126.9	17,300	127.4	16,880	122.0	18,490	131.5	20,187	141.7	19,869	137.6
Unknown	7		9		172		32		78		57		98		128	
Race																
White	5,536	48.1	6,334	54.7	7,412	63.7	7,645	65.2	8,307	70.3	9,437	79.5	9,991	84.0	8,709	N/A
Black	14,259	481.5	14,222	470.4	13,834	448.6	14,034	444.8	13,717	424.5	15,230	460.8	16,651	493.5	15,038	N/A
Hispanic	8,939	91.7	9,154	91.7	9,449	92.6	9,421	90.2	9,594	89.7	10,444	95.5	12,151	108.9	10,789	N/A
Asian + NHPI* + AIAN^	242	21.7	270	23.1	236	19.3	308	23.8	347	25.4	359	25.1	418	28.0	337	N/A
Multi Race	21	6.7	32	9.7	32	9.3	45	12.5	51	13.4	64	16.1	59	14.3	101	N/A
Unspecified + unknown	1,648		2,032		2,380		3,956		5,727		6,741		6,201		11,984	
Age Group (Years)																
0 - 14	362	6.2	383	6.5	299	5.1	322	5.4	296	4.9	272	4.5	249	4.1	250	4.1
15 - 24	19,789	526.9	20,215	529.6	20,014	518.1	20,072	512.2	20,639	520.5	22,279	558.1	23,203	579.4	23,403	580.6
25 - 34	7,372	199.1	8,156	215.9	9,181	238.5	10,404	263.9	11,491	284.8	13,410	325.5	14,852	354.9	15,698	370.6
35 - 44	2,033	58.1	2,156	60.8	2,559	71.4	3,033	83.4	3,312	89.5	4,055	108.1	4,605	120.9	4,967	128.0
45 - 54	793	23.0	836	24.2	959	27.8	1,142	33.0	1,432	41.0	1,660	47.1	1,819	51.3	1,801	50.7
55 - 64	237	8.7	228	8.1	258	9.0	342	11.6	448	14.7	474	15.2	625	19.7	677	20.9
65+	45	1.7	53	1.9	56	1.9	81	2.6	106	3.3	102	3.1	106	3.1	124	3.4
Unknown	14		17		17		13		19		23		12		38	
Total	30,645	119.5	32,044	122.8	33,343	125.9	35,409	131.3	37,743	137.3	42,275	151.3	45,471	160.5	46,958	163.6

*A delay in updating the race/ethnicity field in the surveillance data has resulted in a large number of cases with race/ethnicity as unknown. Ongoing data quality improvement will address this for 2019 reporting. Numbers should be interpreted with caution.

†Rates represent cases per 100,000 population.

‡Transgender persons may be included in male, female, or unknown sex categories.

*NHPI: Native Hawaiian/Pacific Islander.

^AIAN: American Indian/Alaska Native.

Gonorrhea Cases by Age Group, Race/Ethnicity and Sex, 2018

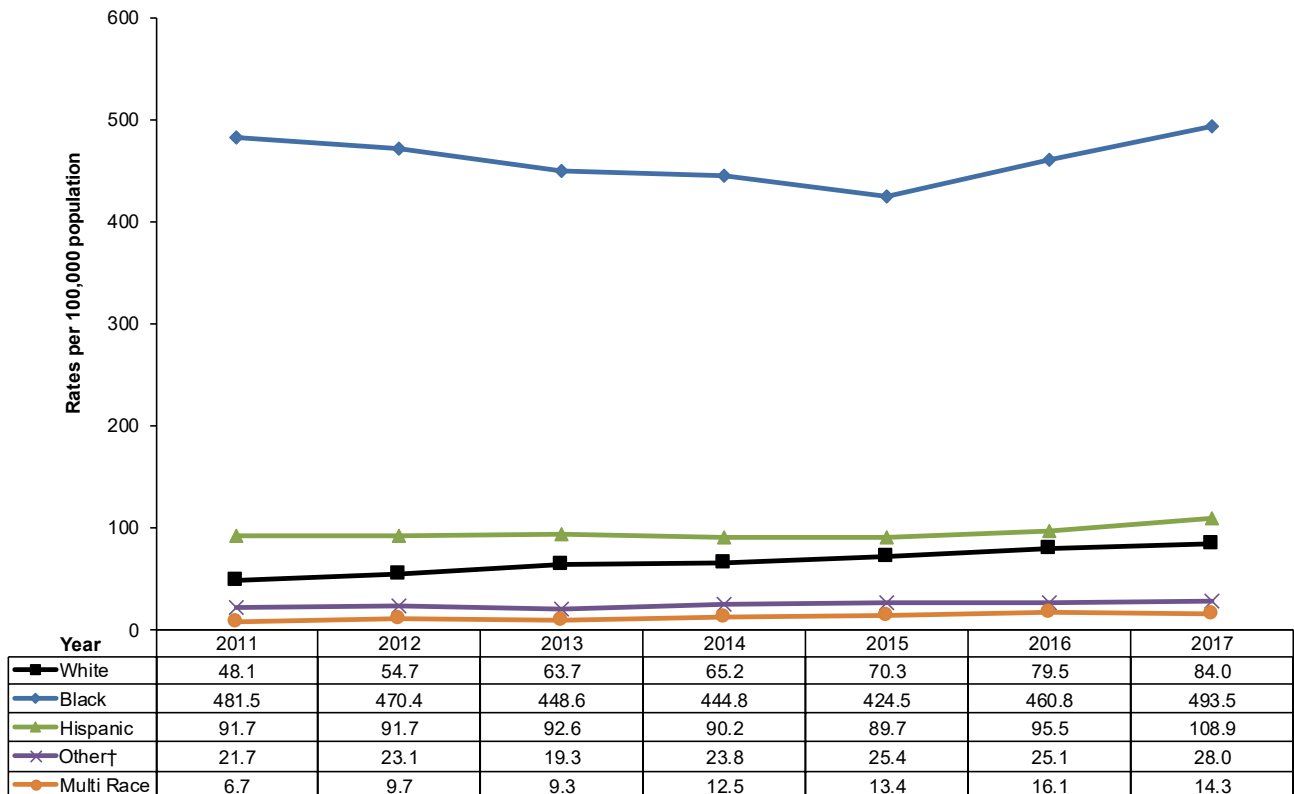
Age Group (Years)	Male							Female							Unk Sex	Total	Percent
	White	Black	Hisp.	NHPI* + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total	White	Black	Hisp.	NHPI* + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total			
0 - 14	5	21	14	0	0	21	61	24	60	54	0	0	50	188	1	250	0.5%
15 - 24	1,439	4,085	2,295	75	29	3,266	11,189	1,905	4,083	2,960	64	16	3,113	12,141	73	23,403	49.8%
25 - 34	2,021	3,362	2,382	99	34	2,304	10,202	1,270	1,530	1,440	26	4	1,193	5,463	33	15,698	33.4%
35 - 44	839	935	785	41	10	810	3,420	408	305	414	6	4	396	1,533	14	4,967	10.6%
45 - 54	423	366	246	16	3	336	1,390	121	66	87	1	0	133	408	3	1,801	3.8%
55 - 64	177	169	68	4	1	159	578	29	18	18	1	0	32	98	1	677	1.4%
65+	36	25	14	2	0	29	106	2	5	5	0	0	6	18	0	124	0.3%
Unk	3	1	0	0	0	11	15	1	1	1	0	0	17	20	3	38	0.1%
Total	4,943	8,964	5,804	237	77	6,936	26,961	3,760	6,068	4,979	98	24	4,940	19,869	128	46,958	
Percent	18.3%	33.2%	21.5%	0.9%	0.3%	25.7%		18.9%	30.5%	25.1%	0.5%	0.1%	24.9%				
							Percent Male							Percent Female			
							57.4%							42.3%			

*NHPI: Native Hawaiian/Pacific Islander. *AIAN: American Indian/Alaska Native.

Race/Ethnicity Totals	Count	Percent
White	8,709	18.5%
Black	15,038	32.0%
Hispanic	10,789	23.0%
NHPI+AIAN+Asian	337	0.7%
Multi Race	101	0.2%
Unspecified + Unknown	11,984	25.5%
Total	46,958	

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

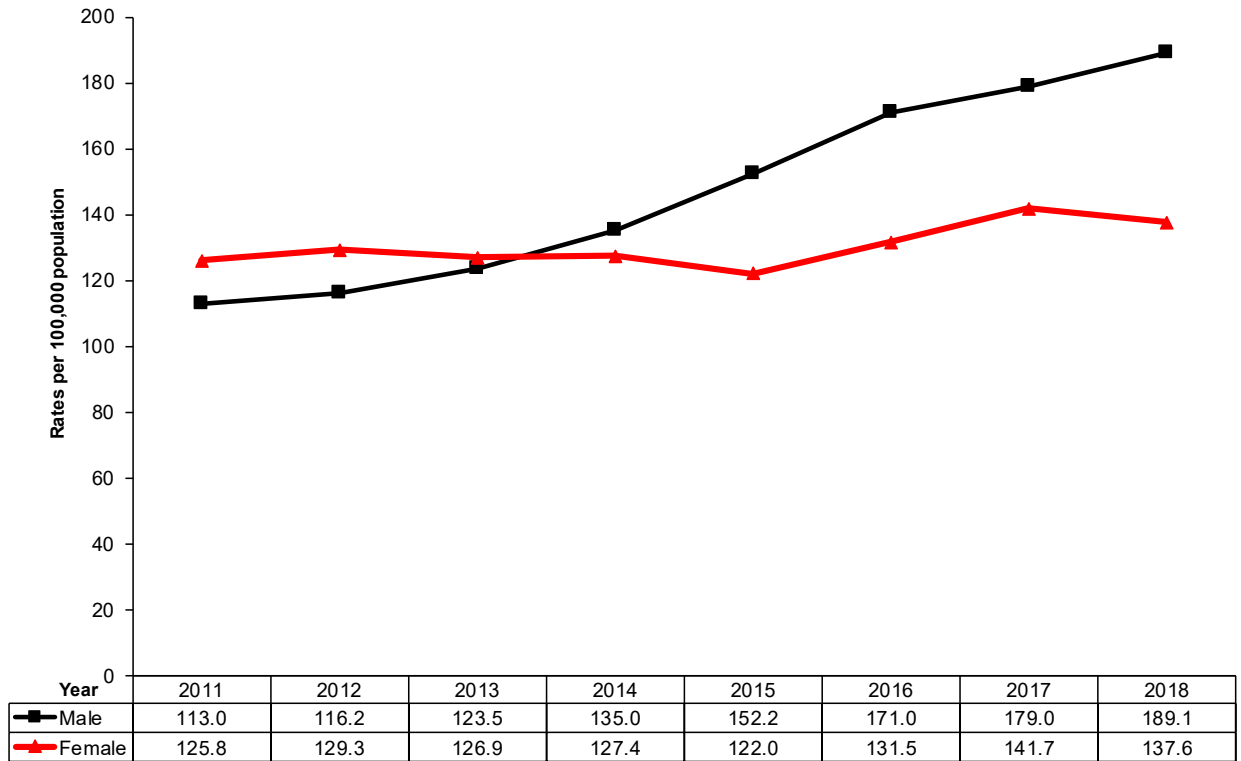
Texas Gonorrhea Rates by Race and Year of Diagnosis, 2011-2017*



*A delay in updating the race/ethnicity field in the surveillance data has resulted in a large number of cases with race/ethnicity as unknown. Race rates for 2018 have been removed in the above graph because of this. Ongoing data quality improvement will address this for 2019 reporting. Numbers should be interpreted with caution.

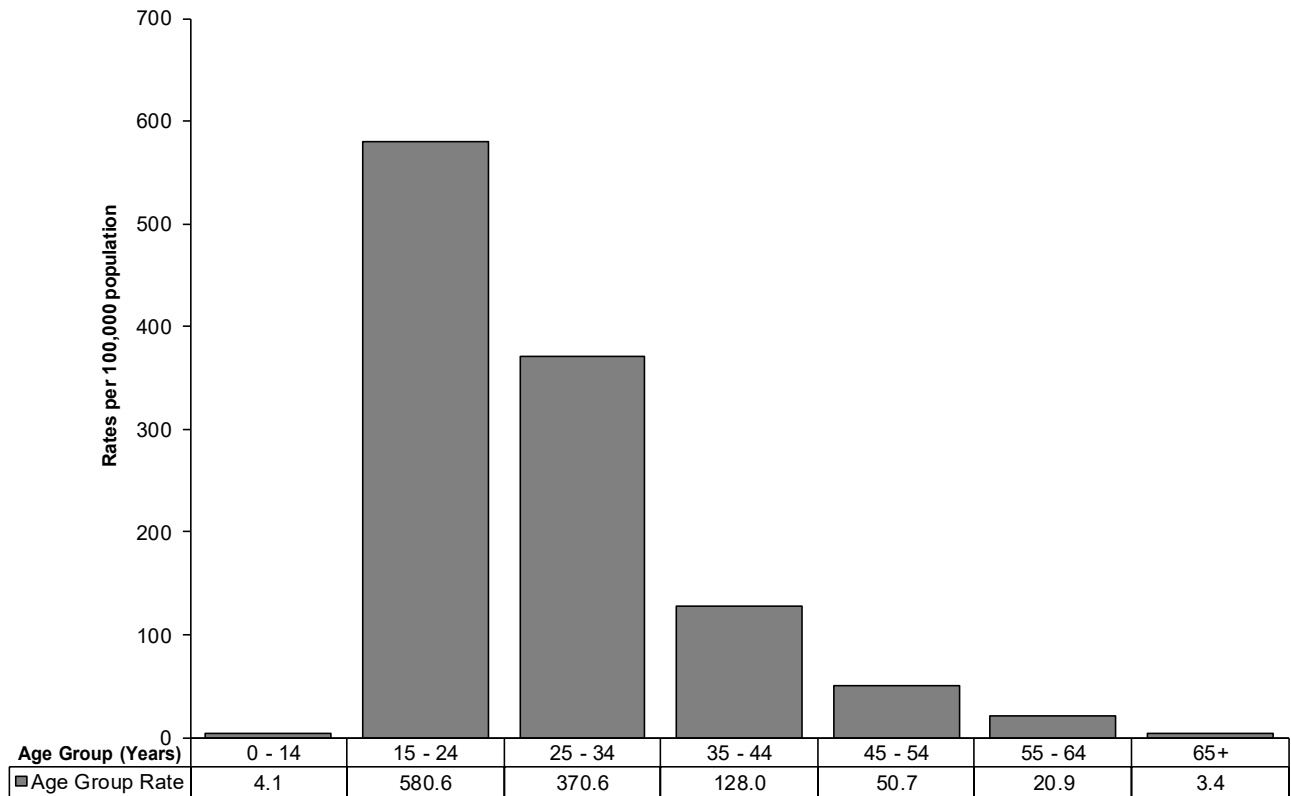
†Other includes Native Hawaiian/Pacific Islander, American Indian/Alaska Native, and Asian.

Texas Gonorrhea Rates by Sex and Year of Diagnosis, 2011-2018



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

Texas Gonorrhea Rates by Age Group, 2018



SYPHILIS: Brief Overview and Quick Facts

Description and Background*

Syphilis is an STD caused by the bacterium *Treponema pallidum* and can cause long-term complications if not adequately treated. In 2018, the total number of syphilis cases was the highest recorded since 1991. A total of 115,045 syphilis cases were reported to the CDC in 2018. Of these, 35,063 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. A pregnant woman with the disease can transmit it to her unborn child.

Impact and Risk*

Most syphilis cases in the United States are among MSM. In 2018, rates of P&S syphilis were highest among men 20–34 years of age. MSM accounted for 54% of all P&S syphilis cases in 2018. However, within the last five years, the rate of P&S syphilis has substantially increased among heterosexual men and women. P&S rate among women more than doubled during 2014-2018. Black, Hispanic, and other racial/ethnic minorities are disproportionately affected by P&S syphilis in the United States. The rate of reported P&S syphilis cases was highest among Black MSM.

Syphilis Screening and Treatment*

Any sexually active person should discuss their risk factors with a health care provider and ask whether they should be tested for syphilis. Additionally, providers should routinely test for syphilis in persons who (1) are pregnant, (2) are sexually active MSM, (3) are living with HIV and (4) are taking PrEP. For more information on screening and treatment, visit the CDC's 2015 Sexually Transmitted Diseases Treatment Guidelines for Syphilis at <https://www.cdc.gov/std/tg2015/syphilis.htm>

2018 State of Texas Total Syphilis Quick Facts

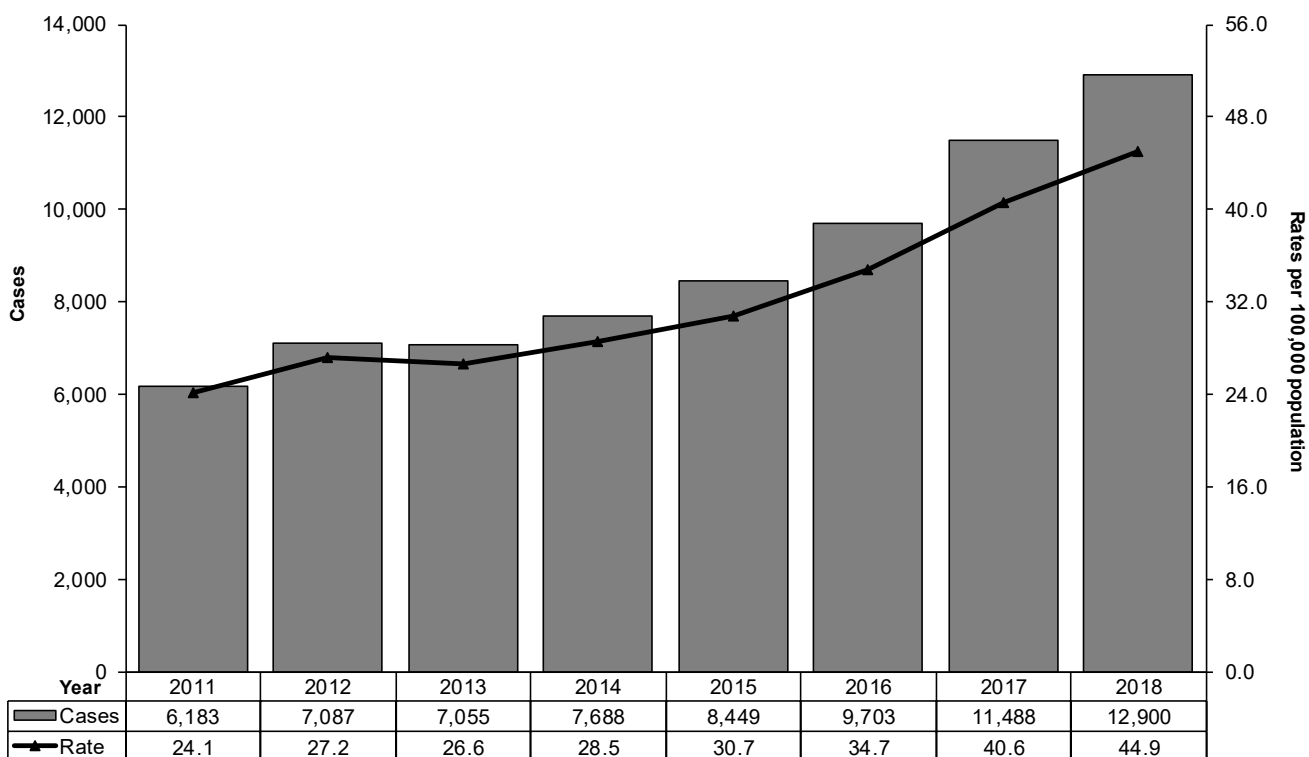
Total number of reported syphilis cases:	12,900
Total syphilis rate per 100,000 Texas residents:	44.9
Percent change in total syphilis rate from 2017:	+10.6%

2018 State of Texas Primary and Secondary Syphilis Quick Facts

Number of reported primary and secondary syphilis cases:	2,528
Primary and secondary syphilis rate per 100,000 Texas residents:	8.8
Percent change in primary and secondary syphilis rate from 2017:	+15.8%

*Source: STD Facts - Syphilis (Detailed). (2019, October). Retrieved October 11, 2019, from <https://www.cdc.gov/std/syphilis/stdfact-syphilis-detailed.htm>.

Texas Total Syphilis Cases and Rates by Year of Diagnosis, 2011-2018



Total Syphilis Cases and Rates by Sex, Race/Ethnicity and Age Group, 2011-2018

	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†
Sex ‡																
Male	4,400	34.6	5,305	41.0	5,393	41.0	5,906	44.1	6,612	48.4	7,791	56.1	9,157	65.1	9,973	69.9
Female	1,782	13.8	1,781	13.6	1,662	12.5	1,780	13.1	1,835	13.3	1,912	13.6	2,328	16.3	2,902	20.1
Unknown	1		1		0		2		2		0		3		25	
Race																
White	1,253	10.9	1,667	14.4	1,615	13.9	1,753	14.9	1,969	16.7	2,263	19.1	2,523	21.2	2,710	22.7
Black	2,709	91.5	2,609	86.3	2,445	79.3	2,738	86.8	2,674	82.8	3,097	93.7	3,658	108.4	4,170	121.2
Hispanic	2,104	21.6	2,646	26.5	2,801	27.5	2,930	28.1	3,463	32.4	4,037	36.9	4,803	43.1	5,224	46.0
Asian + NHPI* + AIAN^	70	6.3	72	6.2	87	7.1	124	9.6	137	10.0	154	10.7	179	12.0	184	11.9
Multi Race	6	1.9	7	2.1	14	4.1	18	5.0	21	5.5	23	5.8	32	7.8	51	11.9
Unspecified + unknown	41		86		93		125		185		129		293		561	
Age Group (Years)																
0 - 14	110	1.9	88	1.5	78	1.3	83	1.4	82	1.4	79	1.3	170	2.8	376	6.1
15 - 24	1,843	49.1	1,910	50.0	1,830	47.4	2,070	52.8	2,177	54.9	2,467	61.8	2,733	68.2	2,976	73.8
25 - 34	1,914	51.7	2,183	57.8	2,311	60.0	2,675	67.9	3,030	75.1	3,591	87.2	4,500	107.5	4,868	114.9
35 - 44	1,177	33.7	1,437	40.5	1,375	38.4	1,439	39.6	1,594	43.1	1,786	47.6	2,097	55.0	2,399	61.8
45 - 54	771	22.3	1,041	30.2	993	28.8	937	27.0	1,037	29.7	1,198	34.0	1,350	38.1	1,449	40.8
55 - 64	267	9.8	307	11.0	324	11.3	357	12.1	403	13.3	440	14.1	508	16.0	642	19.8
65+	101	3.7	121	4.3	144	4.9	127	4.1	126	3.9	142	4.3	129	3.7	188	5.2
Unknown	0		0		0		0		0		0		1		2	
Total	6,183	24.1	7,087	27.2	7,055	26.6	7,688	28.5	8,449	30.7	9,703	34.7	11,488	40.6	12,900	44.9

†Rates represent cases per 100,000 population.

‡Transgender persons may be included in male, female, or unknown sex categories.

*NHPI: Native Hawaiian/Pacific Islander.

^AIAN: American Indian/Alaska Native.

Total Syphilis Cases by Age Group, Race/Ethnicity and Sex, 2018

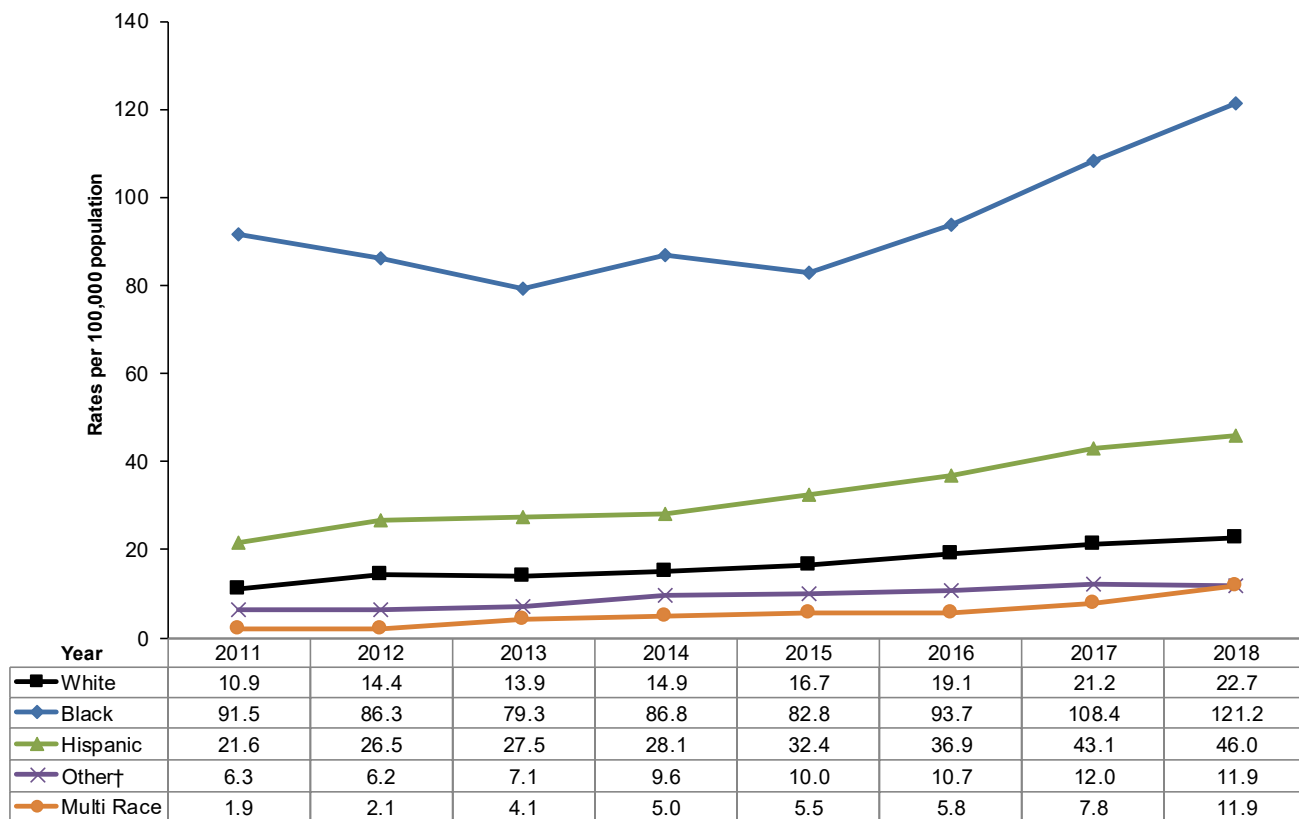
Age Group (Years)	Male							Female							Unk Sex	Total	Percent
	White	Black	Hisp.	NHPI [^] + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total	White	Black	Hisp.	NHPI [^] + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total			
0 - 14	20	86	83	0	0	0	189	14	70	80	0	1	2	167	20	376	2.9%
15 - 24	313	695	928	40	6	91	2,073	119	385	350	4	2	43	903	0	2,976	23.1%
25 - 34	707	1,352	1,548	51	18	174	3,850	178	354	437	8	5	36	1,018	0	4,868	37.7%
35 - 44	448	498	856	30	7	76	1,915	112	135	215	3	2	15	482	2	2,399	18.6%
45 - 54	450	294	406	31	8	68	1,257	48	69	60	5	0	8	190	2	1,449	11.2%
55 - 64	228	134	146	4	2	24	538	14	35	41	3	0	11	104	0	642	5.0%
65+	52	39	52	3	0	3	149	2	13	16	1	0	6	38	1	188	1.5%
Unk	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0.0%
Total	2,220	3,098	4,019	159	41	436	9,973	487	1,061	1,199	24	10	121	2,902	25	12,900	
Percent	22.3%	31.1%	40.3%	1.6%	0.4%	4.4%		16.8%	36.6%	41.3%	0.8%	0.3%	4.2%				
							Percent Male 77.3%							Percent Female 22.5%			

[^]NHPI: Native Hawaiian/Pacific Islander. *AIAN: American Indian/Alaska Native.

Race/Ethnicity Totals	White	2,710	21.0%
	Black	4,170	32.3%
	Hispanic	5,224	40.5%
	NHPI+AIAN+Asian	184	1.4%
	Multi Race	51	0.4%
	Unspecified + Unknown	561	4.3%
Total	12,900		

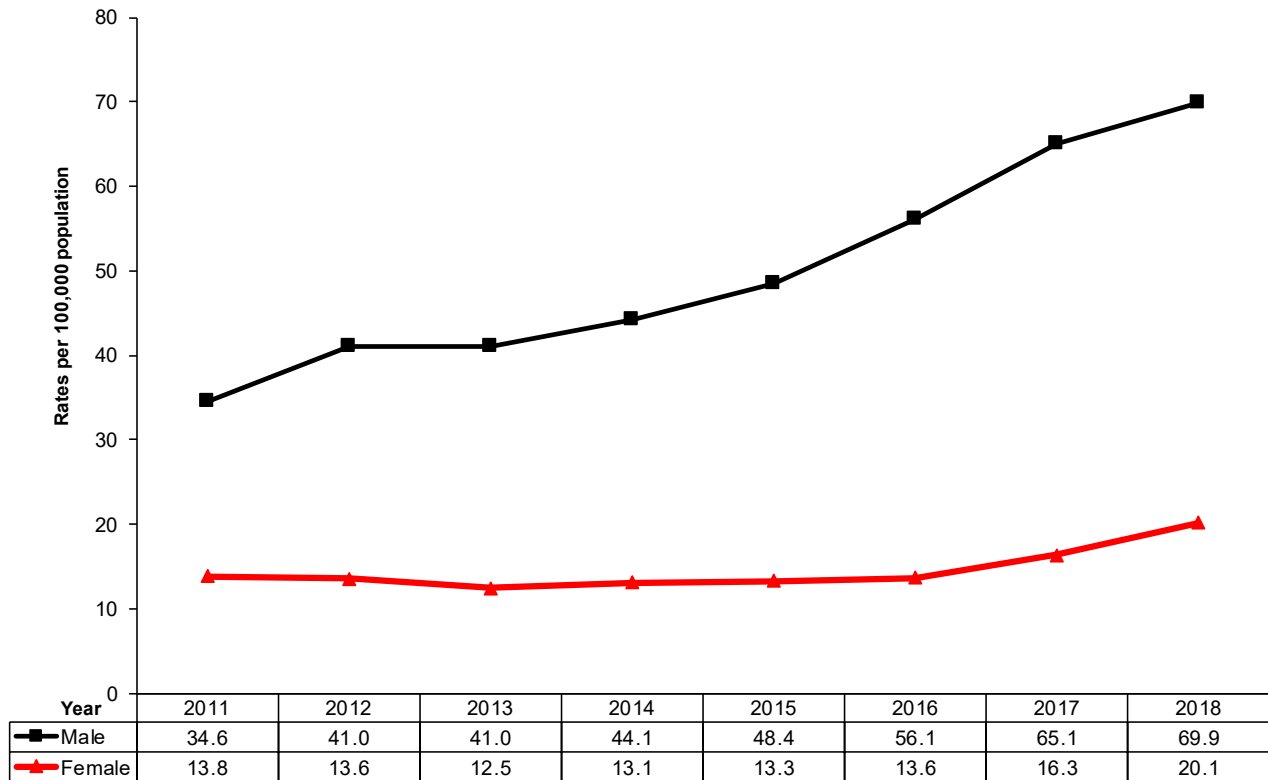
Note: Transgender persons may be included in male, female, or unknown sex categories.

Texas Total Syphilis Rates by Race and Year of Diagnosis, 2011-2018



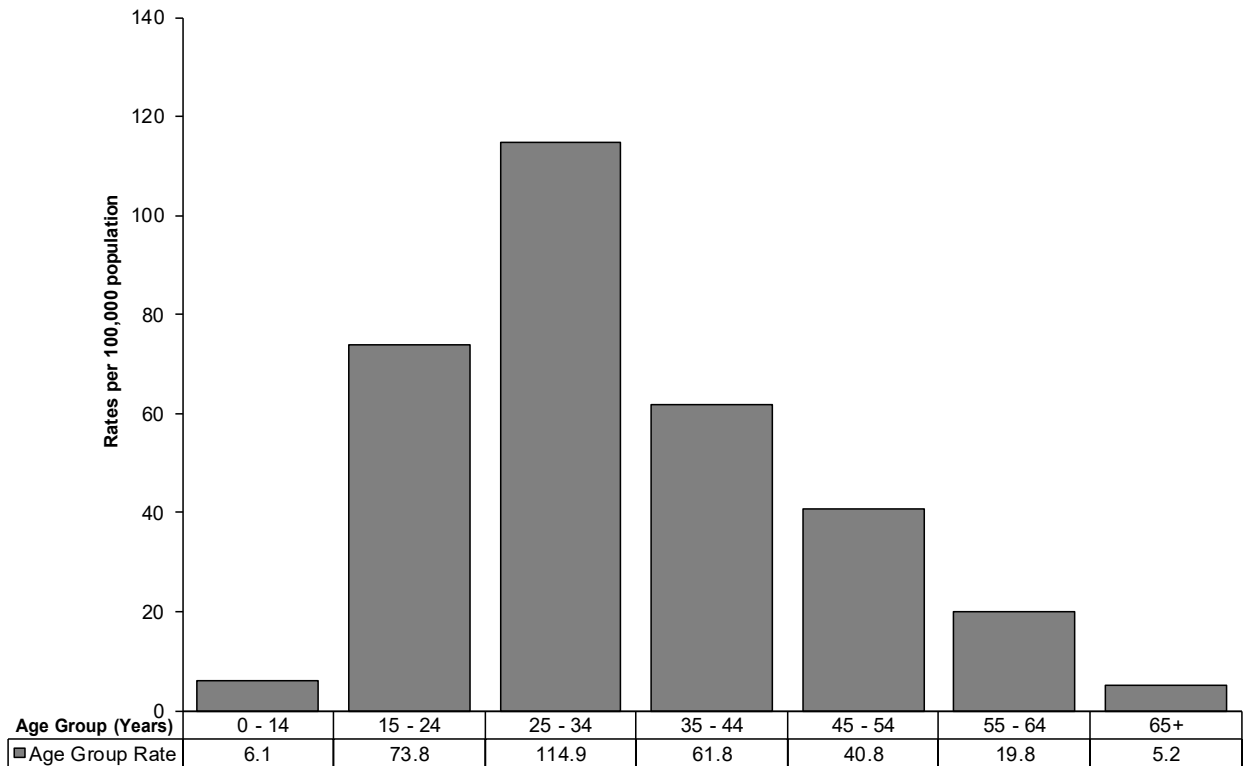
[†]Other includes Native Hawaiian/Pacific Islander, American Indian/Alaska Native, and Asian

Texas Total Syphilis Rates by Sex and Year of Diagnosis, 2011-2018

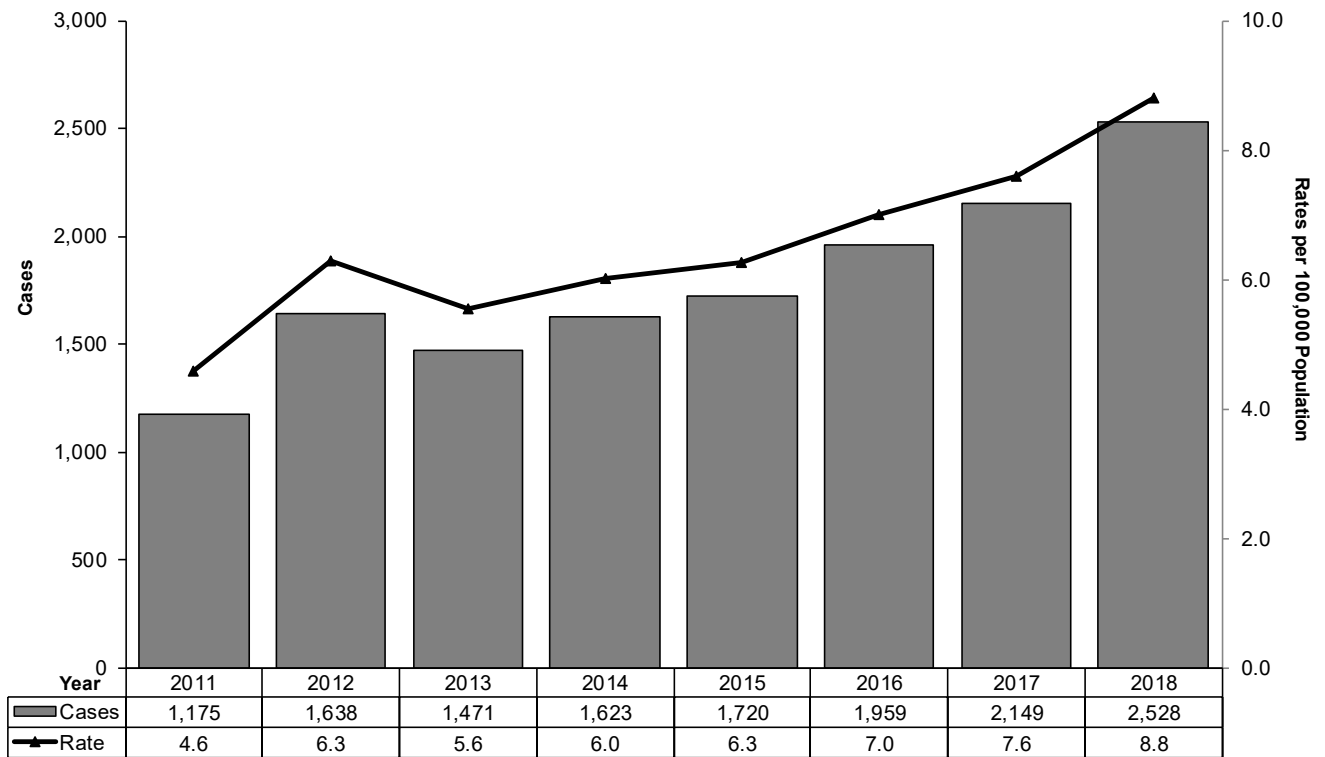


*Note: Transgender persons may be included in male, female, or unknown sex categories

Texas Total Syphilis Rates by Age Group, 2018



Texas Primary & Secondary Syphilis Cases and Rates by Year of Diagnosis, 2011-2018



Primary & Secondary Syphilis Cases and Rates by Sex, Race/Ethnicity, and Age Group, 2011-2018

	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†
Sex ‡																
Male	922	7.2	1,363	10.5	1,285	9.8	1,379	10.3	1,485	10.9	1,726	12.4	1,845	13.1	2,107	14.8
Female	253	2.0	275	2.1	186	1.4	244	1.8	235	1.7	233	1.7	304	2.1	421	2.9
Unknown	0		0		0		0		0		0		0		0	
Race																
White	269	2.3	422	3.6	391	3.4	444	3.8	450	3.8	546	4.6	590	5.0	613	5.1
Black	525	17.7	571	18.9	511	16.6	608	19.3	539	16.7	592	17.9	633	18.8	840	24.4
Hispanic	358	3.7	615	6.2	535	5.2	526	5.0	677	6.3	760	6.9	832	7.5	936	8.2
Asian + NHPI* + AIAN^	12	1.1	14	1.2	19	1.6	28	2.2	25	1.8	37	2.6	42	2.8	43	2.8
Multi Race	4	1.3	0	0.0	4	1.2	3	0.8	5	1.3	10	2.5	9	2.2	7	1.6
Unspecified + unknown	7		16		11		14		24		14		43		89	
Age Group (Years)																
0 - 14	2	0.0	1	0.0	0	0.0	3	0.1	0	0.0	1	0.0	1	0.0	2	0.0
15 - 24	453	12.1	528	13.8	438	11.3	531	13.6	564	14.2	595	14.9	590	14.7	712	17.7
25 - 34	363	9.8	530	14.0	515	13.4	590	15.0	645	16.0	752	18.3	882	21.1	1,005	23.7
35 - 44	196	5.6	302	8.5	269	7.5	269	7.4	264	7.1	314	8.4	355	9.3	413	10.6
45 - 54	121	3.5	225	6.5	177	5.1	169	4.9	162	4.6	211	6.0	227	6.4	254	7.1
55 - 64	36	1.3	39	1.4	55	1.9	54	1.8	67	2.2	67	2.2	78	2.5	113	3.5
65+	4	0.1	13	0.5	17	0.6	7	0.2	18	0.6	19	0.6	16	0.5	27	0.7
Unknown	0		0		0		0		0		0		0		2	
Total	1,175	4.6	1,638	6.3	1,471	5.6	1,623	6.0	1,720	6.3	1,959	7.0	2,149	7.6	2,528	8.8

†Rates represent cases per 100,000 population.

‡Transgender persons may be included in male, female, or unknown sex categories.

*NHPI: Native Hawaiian/Pacific Islander.

^AIAN: American Indian/Alaska Native.

Primary & Secondary Syphilis Cases by Age Group, Race/Ethnicity and Sex, 2018

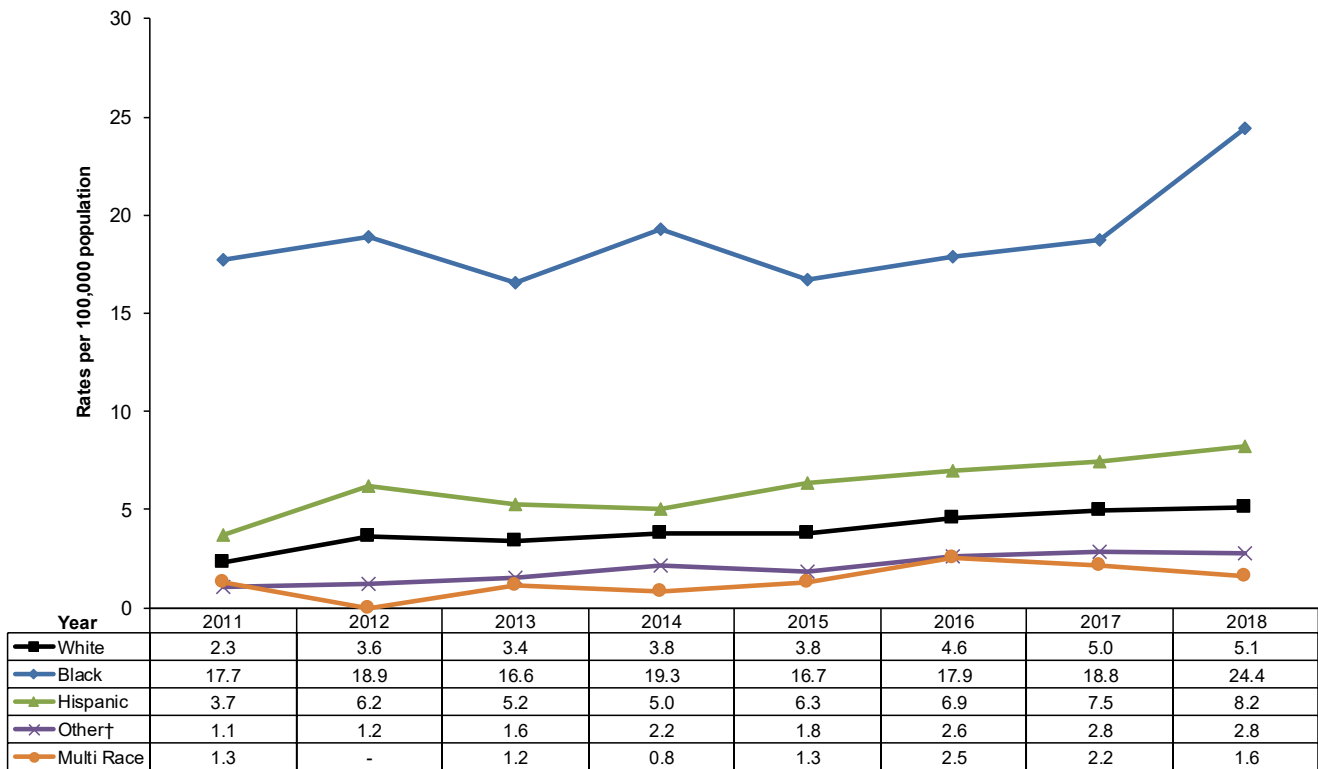
Age Group (Years)	Male							Female							Unk Sex	Total	Percent	
	White	Black	Hisp.	NHPI [^] + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total	White	Black	Hisp.	NHPI [^] + AIAN* + Asian	Multi Race	Unspecified + Unknown	Total				
0 - 14	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	2	0.1%
15 - 24	88	184	233	17	2	22	546	18	89	53	0	0	6	166	0	712	28.2%	
25 - 34	173	321	315	14	3	27	853	31	58	58	1	0	4	152	0	1,005	39.8%	
35 - 44	95	90	144	7	1	14	351	21	17	22	0	0	2	62	0	413	16.3%	
45 - 54	99	44	73	3	1	8	228	10	8	6	0	0	2	26	0	254	10.0%	
55 - 64	59	21	18	0	0	3	101	5	1	6	0	0	0	12	0	113	4.5%	
65+	12	5	7	1	0	0	25	0	1	1	0	0	0	2	0	27	1.1%	
Unk	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0.1%	
Total	528	666	790	42	7	74	2,107	85	174	146	1	0	15	421	0	2,528		
Percent	25.1%	31.6%	37.5%	2.0%	0.3%	3.5%		20.2%	41.3%	34.7%	0.2%	0.0%	3.6%					
							Percent Male 83.3%							Percent Female 16.7%				

[^]NHPI: Native Hawaiian/Pacific Islander. *AIAN: American Indian/Alaska Native.

Race/Ethnicity Totals	Count	Percent
White	613	24.2%
Black	840	33.2%
Hispanic	936	37.0%
NHPI+AIAN+Asian	43	1.7%
Multi Race	7	0.3%
Unspecified + Unknown	89	3.5%
Total	2,528	

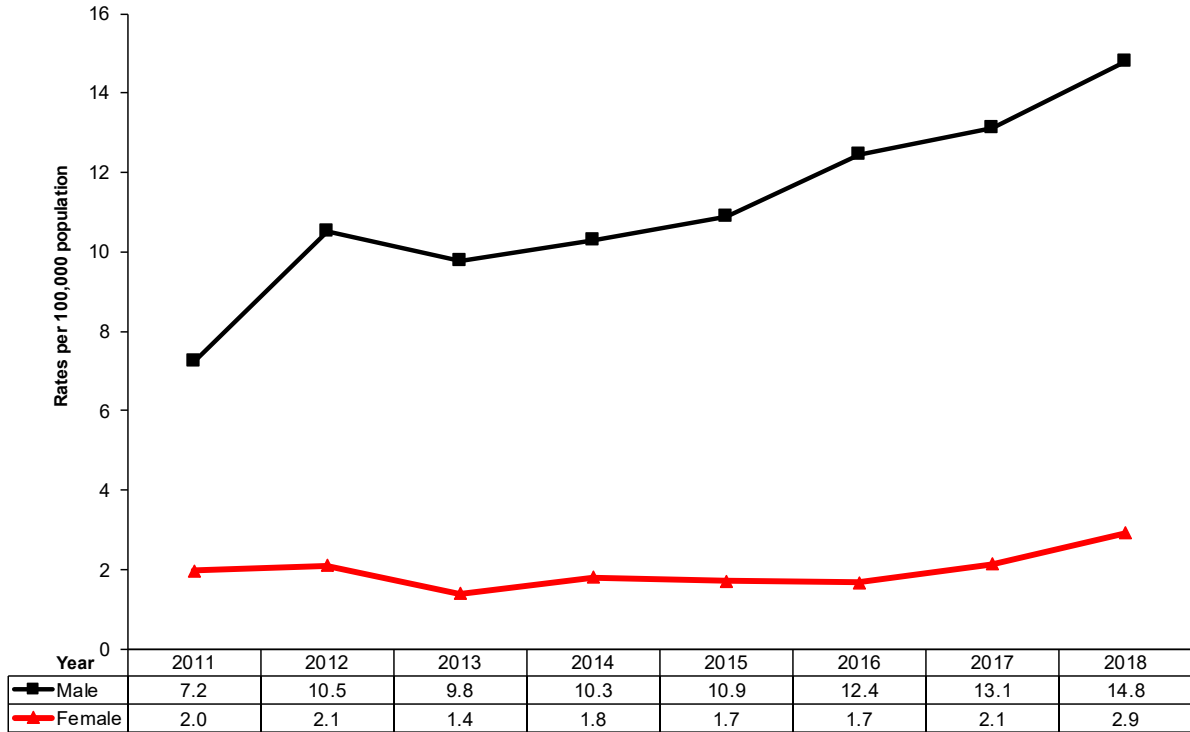
Note: Transgender persons may be included in male, female, or unknown sex categories.

Texas Primary & Secondary Syphilis Rates by Race and Year of Diagnosis, 2011-2018



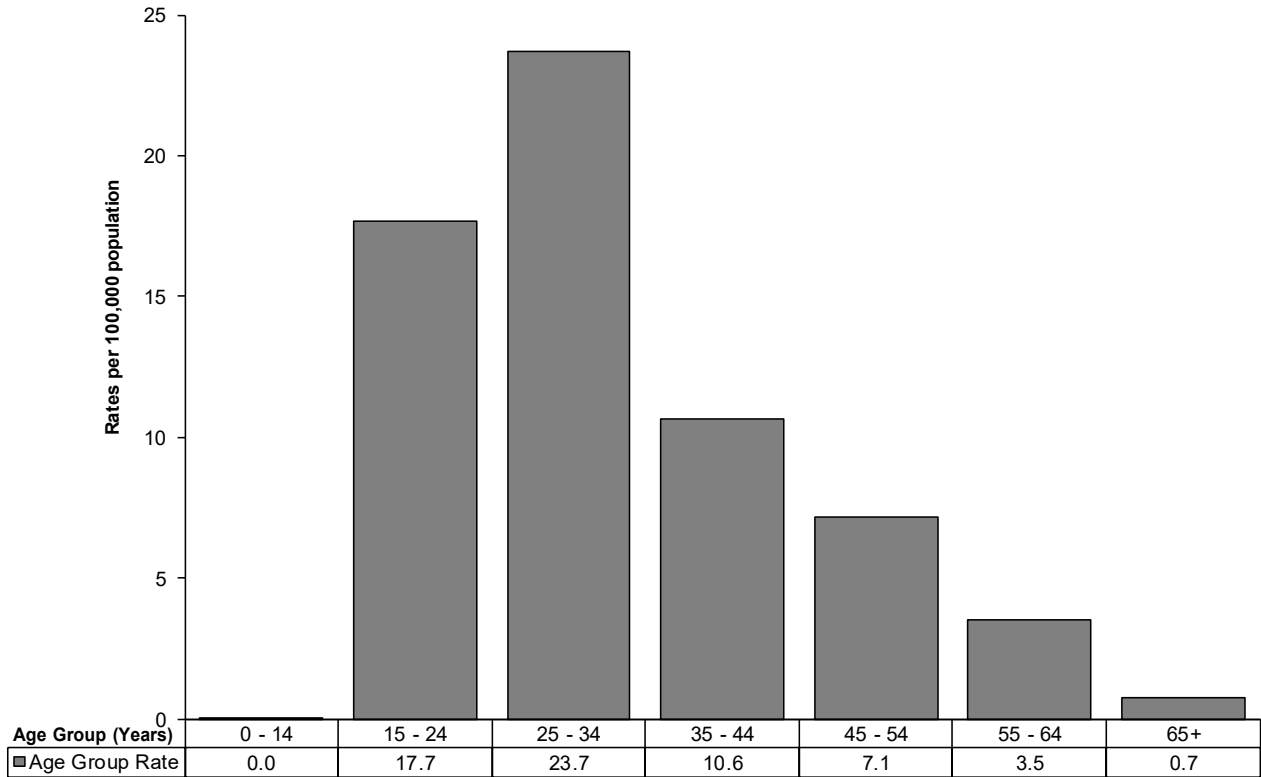
†Other includes Native Hawaiian/Pacific Islander, American Indian/Alaska Native, and Asian.

Texas Primary & Secondary Syphilis Rates by Sex and Year of Diagnosis, 2011-2018



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

Texas Primary & Secondary Syphilis Rates by Age Group, 2018



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 one 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 9.2 cases per 100,000 live births in 2013 to 33.1 cases per 100,000 live births in 2018. This rate represents a 39.7% increase relative to 2017 (23.7 cases per 100,000 live births) and a 185.3% increase relative to 2014 (11.6 cases per 100,000 live births). Additionally in 2018, rates were highest among black Texans (86.6 cases per 100,000 live births), followed by American Indians/Alaska Natives (79.2 cases per 100,000 live births), Hispanics (44.7 cases per 100,000 live births), whites (13.5 cases per 100,000 live births) and Asians/Pacific Islanders (9.2 cases per 100,000 live births).

Congenital Syphilis Screening and Treatment**

Texas law (Texas Health and Safety Code §81.090) requires health care providers to test pregnant women during gestation and delivery. 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) and again at delivery in women.

For more information on screening and testing, visit the Texas DSHS website to review the Congenital Syphilis in Texas fact sheet at <https://www.dshs.texas.gov/hivstd/info/edmat-fact.shtm>

2018 State of Texas Congenital Syphilis Quick Facts

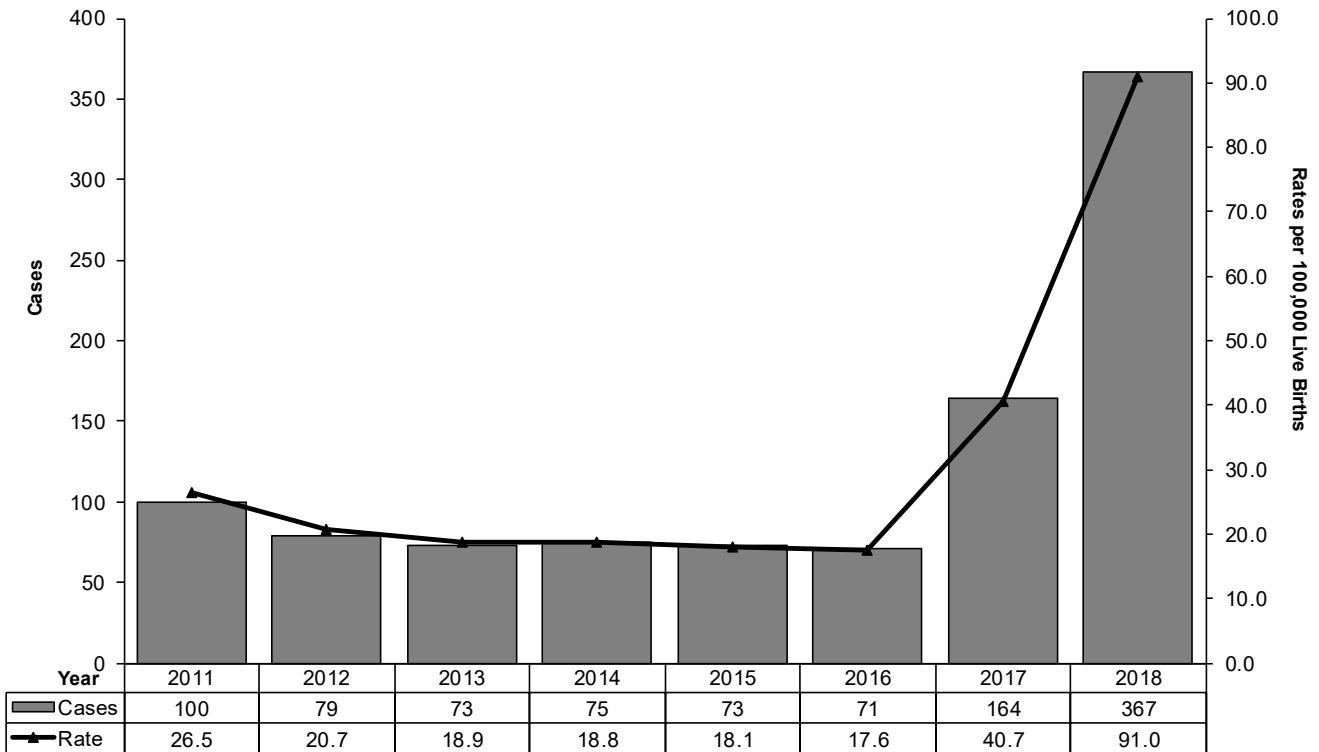
Number of reported congenital syphilis cases:	367
Congenital syphilis rate per 100,000 Texas births:	91.0
Percent change in congenital syphilis rate from 2017:	+123.5%

***Source:** Congenital syphilis: MedlinePlus Medical Encyclopedia. (2019, October 2). Retrieved October 11, 2019, from <https://medlineplus.gov/ency/article/001344.htm>.

****Source:** Congenital Syphilis in Texas: Educational Materials Available from DSHS-Fact Sheets. (2019, October). Retrieved October 30, 2019, from <https://www.dshs.texas.gov/hivstd/info/edmat-fact.shtm>.

†**Source:** Syphilis - 2018 Sexually Transmitted Diseases Surveillance. (2019, October 1). Retrieved October 11, 2019, from <https://www.cdc.gov/std/stats18/syphilis.htm>.

Texas Congenital Syphilis Cases and Rates by Year of Diagnosis, 2011-2018



Congenital Syphilis Cases and Rates by Race/Ethnicity, 2011-2018

	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†	Cases	Rate†
Race																
White	13	9.8	13	9.8	10	7.5	11	8.0	7	5.1	6	4.4	20	14.6	36	26.3
Black	50	116.0	31	71.9	30	68.0	38	82.7	22	46.3	26	54.7	66	138.9	163	343.0
Hispanic	35	19.2	33	18.0	31	16.7	24	12.7	41	21.5	38	19.9	75	39.3	166	86.9
Other	2	10.2	2	8.3	1	4.1	1	3.7	2	7.1	1	3.5	3	10.6	1	3.5
Unknown	0		0		1		1		1		0		0		1	
Total	100	26.5	79	20.7	73	18.9	75	18.8	73	18.1	71	17.6	164	40.7	367	91.0

* Rates represent cases per 100,000 live births. 2016, 2017, and 2018 rates are based on 2015 birth data.

Appendix A
Chlamydia Cases and Rates
by County of Residence
2011-2018

Chlamydia Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	202	345.9	196	337.6	223	384.6	214	369.9	195	338.3	223	387.5	214	367.6	247	425.4
Andrews	69	448.4	67	415.8	58	345.5	63	361.1	67	370.5	51	286.4	62	351.7	74	408.2
Angelina	402	460.5	438	500.5	469	537.0	474	541.1	483	549.7	468	533.3	405	461.7	425	488.0
Aransas	107	460.9	125	532.9	128	535.8	124	504.7	158	636.7	132	524.0	118	463.7	104	437.1
Archer	7	79.2	21	238.4	18	204.7	21	237.6	113	1290.2	13	148.1	16	182.1	13	148.0
Armstrong	3	155.0	4	204.8	6	309.4	1	52.3	31	1630.7	71	3,852.4	109	5,794.8	98	5,179.7
Atascosa	146	321.0	201	432.9	212	450.9	201	421.3	210	434.3	312	640.6	403	821.3	426	846.8
Austin	52	118.1	66	231.1	65	226.6	56	193.3	77	261.3	94	317.2	71	238.6	78	260.1
Bailey	14	195.1	22	308.1	23	322.7	18	258.2	20	276.9	22	306.2	27	382.8	32	455.4
Bandera	19	92.5	20	97.1	25	121.6	14	67.3	19	89.8	25	115.2	49	219.5	35	153.3
Bastrop	276	367.3	261	348.7	262	345.0	301	385.9	490	610.4	643	776.3	737	869.0	825	948.5
Baylor	10	270.6	4	111.4	9	251.5	5	140.2	4	10.8	11	302.4	11	309.1	4	111.7
Bee	167	516.9	139	427.9	199	606.5	174	529.7	190	582.6	212	646.2	279	855.9	218	669.0
Bell	3,966	1255.9	3,975	1223.2	3,802	1,162.5	3,448	1,044.2	3,831	1,139.6	3,840	1,125.1	4,034	1,159.7	3,346	940.8
Bexar	11,811	672.9	11,333	633.5	11,539	633.4	11,128	598.7	13,069	689.3	13,600	704.8	12,932	660.2	10,539	530.7
Blanco	22	208.0	22	207.0	23	216.0	31	286.6	44	398.5	71	627.0	125	1,085.7	105	897.3
Borden	1	158.2	1	163.1	1	154.8	0	0.0	0	0.0	0	0.0	2	298.5	3	463.0
Bosque	39	213.5	34	187.5	34	190.3	49	276.5	45	251.8	28	155.4	45	245.7	52	278.2
Bowie	365	392.8	397	426.3	511	546.6	523	559.3	501	535.9	582	619.2	475	505.4	574	608.5
Brazoria	1,047	328.0	1,014	312.7	1,143	346.4	1,144	338.8	1,176	340.3	1,223	345.7	1,421	391.8	1,433	387.1
Brazos	1,007	510.1	1,046	522.3	1,046	512.4	1,314	628.6	1,373	634.3	1,427	648.2	1,544	690.6	1,462	644.7
Brewster	41	438.4	43	464.3	39	419.8	50	546.4	59	645.8	43	467.5	47	503.8	28	302.1
Briscoe	2	120.6	0	0.0	3	192.2	1	64.5	5	330.0	15	1,010.1	14	922.3	11	725.6
Brooks	47	651.2	38	527.9	37	509.4	41	566.8	54	750.0	49	680.6	50	699.0	51	716.9
Brown	143	376.3	105	277.7	113	299.9	149	396.8	154	408.0	203	533.2	203	536.0	164	432.4
Burleson	54	311.7	78	447.5	62	359.0	72	414.0	84	476.9	77	431.3	70	387.4	56	304.5
Burnet	102	236.1	111	255.9	122	279.9	125	284.4	173	386.6	176	383.8	221	473.7	131	275.5
Caldwell	202	525.1	180	465.2	197	502.4	187	470.8	330	816.0	433	1,051.8	427	1,006.5	481	1,112.2
Calhoun	68	318.4	74	342.9	71	326.7	69	316.2	61	278.5	79	359.5	64	294.0	86	398.9
Callahan	22	162.8	24	177.9	25	185.2	24	177.7	43	316.4	39	282.8	23	164.7	22	157.2
Cameron	1,642	397.3	1,715	412.2	1,804	431.9	1,933	460.8	1,724	410.4	2,075	491.5	2,084	492.5	2,074	489.3
Camp	46	370.3	54	432.3	73	585.5	73	576.4	49	385.6	51	398.9	53	411.7	57	437.4
Carson	9	144.3	12	197.0	7	116.9	9	149.1	31	515.7	43	705.5	48	798.7	55	915.9
Cass	96	317.1	79	263.1	118	390.3	97	322.0	62	205.7	96	319.2	97	323.5	90	298.8
Castro	17	210.0	28	338.9	31	381.7	12	151.3	22	282.2	22	282.7	27	347.9	23	300.1
Chambers	19	53.2	31	84.9	44	117.8	38	99.2	90	230.4	68	169.0	48	115.9	64	150.8
Cherokee	245	479.5	224	436.7	222	434.3	250	488.1	251	486.5	263	506.5	225	431.2	262	498.2
Childress	26	370.1	23	324.1	21	297.7	16	222.4	23	320.9	43	597.6	44	604.3	32	438.9
Clay	9	84.4	10	95.0	20	191.3	20	192.7	17	164.1	24	234.2	20	190.6	15	143.5
Cochran	9	292.1	7	231.3	9	299.2	10	339.7	10	336.1	11	378.0	8	280.4	8	282.1
Coke	7	214.3	10	312.4	16	503.3	6	186.6	0	0.0	9	276.0	14	423.9	13	385.8
Coleman	16	183.0	11	126.9	16	187.6	26	308.9	21	252.5	30	356.6	18	213.9	13	154.8
Collin	1,990	244.7	2,159	258.2	2,030	236.8	2,096	236.6	2,309	252.2	2,810	297.8	2,919	300.5	2,860	284.5
Collingsworth	8	259.3	10	330.7	7	225.8	9	298.4	8	265.5	2	66.4	1	33.6	0	0.0
Colorado	55	264.3	52	250.9	59	284.7	80	386.4	78	372.7	90	428.0	82	386.3	72	339.4
Comal	283	252.5	326	283.9	377	317.9	301	244.3	431	334.7	552	410.9	552	392.1	519	349.8
Comanche	22	158.7	24	174.9	33	243.4	25	185.5	37	276.3	44	325.2	48	354.3	29	214.3
Concho	6	145.2	7	171.1	5	121.1	1	24.4	10	239.5	9	209.4	9	208.8	3	70.2
Cooke	102	265.3	106	273.7	118	306.8	127	327.6	110	280.8	129	327.8	122	305.1	114	281.0
Coryell	309	403.2	361	460.0	342	445.4	356	467.3	363	476.4	405	540.9	379	506.1	364	486.6
Cottle	3	199.1	2	134.7	4	277.4	1	70.0	9	625.4	10	713.3	12	868.9	5	360.0
Crane	10	229.5	7	154.6	15	317.7	12	244.7	14	279.9	17	355.4	13	275.8	8	166.9
Crockett	22	602.4	9	242.8	11	292.2	7	184.7	9	240.8	19	521.0	10	281.3	15	428.7
Crosby	30	496.5	18	298.3	29	489.6	32	549.4	16	270.4	24	406.0	19	323.6	17	294.2
Culberson	5	208.9	9	388.4	9	390.3	11	481.8	7	310.3	9	404.7	7	312.9	7	317.6
Dallam	31	449.8	27	382.2	25	351.2	18	249.2	31	425.4	36	493.6	24	332.8	26	361.1
Dallas	16,833	699.0	16,259	662.0	14,638	589.1	17,178	681.5	15,372	600.7	15,780	608.6	19,084	727.6	19,017	720.9
Dawson	79	574.7	65	477.5	45	340.4	60	446.2	50	384.9	41	315.4	47	368.2	60	475.5
Deaf Smith	61	312.5	136	701.7	92	479.3	94	491.1	84	445.6	86	455.2	71	376.6	92	490.4
Delta	17	330.4	14	267.1	12	234.5	18	350.2	9	174.5	16	311.0	21	397.3	16	299.1
Denton	1,780	259.6	1,812	255.9	1,982	272.0	2,076	275.5	2,206	283.0	2,237	276.9	2,420	289.7	2,397	279.0
DeWitt	79	391.0	79	388.0	106	520.2	70	341.1	120	581.6	124	601.2	89	440.4	102	505.3
Dickens	1	41.7	4	172.3	4	174.2	4	180.6	3	135.9	3	136.3	1	45.3	3	133.4
Dimmit	58	573.6	64	610.9	72	660.4	57	518.2	75	685.6	100	932.7	83	802.2	80	776.1

*Rates represent cases per 100,000 population.

Chlamydia Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	16	434.1	11	301.9	15	411.6	4	114.8	6	176.9	13	383.6	5	149.2	8	241.0
Duval	45	381.5	49	422.8	60	517.7	78	677.1	83	731.8	173	1513.7	179	1588.0	193	1721.4
Eastland	35	188.4	29	157.1	36	195.0	29	158.8	48	264.2	45	246.4	43	234.4	39	212.9
Ector	833	596.5	796	550.8	1035	716.1	1069	691.1	1067	667.2	947	600.1	874	556.1	820	505.8
Edwards	8	404.2	1	50.3	6	301.5	3	157.6	8	414.8	4	209.2	7	360.6	4	207.5
Ellis	500	328.1	456	296.6	467	303.7	488	306.4	590	361.1	585	347.2	555	319.6	683	380.6
El Paso	4,584	558.9	5,364	644.0	4,964	596.0	4,955	593.4	4,514	541.3	3,517	419.7	4,262	507.1	5,699	677.8
Erath	128	328.8	138	350.1	168	426.2	176	434.2	191	463.6	257	621.1	271	647.4	259	610.2
Falls	104	582.7	101	574.7	89	506.4	97	563.5	89	516.5	93	537.2	76	436.7	76	438.4
Fannin	73	215.5	82	244.1	87	259.0	90	267.9	61	182.1	84	247.6	83	240.1	90	255.1
Fayette	51	206.0	66	267.6	46	186.5	53	218.8	62	248.4	101	403.2	99	393.2	93	366.9
Fisher	16	403.9	14	363.4	9	233.6	15	385.9	18	462.4	16	410.9	11	281.8	10	260.5
Floyd	19	298.4	30	472.5	24	378.0	19	319.5	15	256.4	20	341.1	24	409.3	19	325.5
Foard	0	0.0	1	76.3	0	0.0	1	78.4	1	81.6	0	0.0	3	248.8	2	166.7
Fort Bend	1,149	189.6	1,253	200.5	1,408	225.3	1,425	208.2	2,044	285.8	2,720	365.9	2,849	371.9	3,221	408.8
Franklin	37	350.3	34	319.6	40	376.0	35	331.2	33	311.1	57	534.1	35	324.7	36	334.4
Freestone	65	331.6	53	272.1	51	261.8	54	274.5	41	207.6	62	315.3	48	244.2	45	227.2
Frio	74	423.0	77	429.5	74	412.7	103	543.7	93	482.6	101	521.3	101	516.3	164	827.6
Gaines	35	195.4	30	163.8	33	180.2	51	263.6	39	192.7	35	170.9	38	184.2	40	191.4
Galveston	1,165	394.1	1,138	378.0	1,195	396.9	1,364	435.2	1,451	452.0	1,531	465.6	1,646	492.4	1,556	460.5
Garza	16	243.3	13	201.9	14	217.5	32	495.7	33	514.2	26	399.8	22	335.4	20	304.0
Gillespie	30	119.7	41	162.7	38	150.8	53	207.9	86	331.4	122	464.6	97	365.6	59	220.1
Glasscock	2	161.6	2	166.3	3	234.4	0	0.0	1	72.5	2	146.7	1	73.5	3	216.1
Goliad	20	277.5	23	313.7	11	150.0	13	173.2	51	679.1	54	719.4	31	410.7	21	276.9
Gonzales	97	490.9	133	667.1	97	486.5	102	500.8	79	384.8	42	201.8	47	226.0	80	384.1
Gray	69	304.5	84	366.5	94	410.1	67	285.9	74	318.3	83	365.3	80	361.6	63	287.7
Grayson	391	322.0	368	302.0	418	343.0	384	310.6	405	322.3	515	401.3	464	353.6	463	345.5
Gregg	1075	876.4	900	731.1	976	792.9	977	793.2	887	715.8	1006	814.2	850	690.4	892	721.1
Grimes	130	487.8	128	479.7	115	431.0	136	503.6	136	498.1	118	429.0	128	457.5	108	380.8
Guadalupe	350	257.7	438	313.6	445	318.6	373	254.0	362	240.3	314	203.1	351	219.6	433	264.5
Hale	189	519.5	192	529.6	181	499.2	178	516.5	171	502.0	181	529.8	161	472.9	180	532.1
Hall	12	362.3	6	183.7	12	367.3	11	357.8	6	193.8	11	353.1	11	359.6	11	363.3
Hamilton	10	119.2	16	194.0	23	278.9	23	281.9	15	185.7	16	194.4	19	226.4	16	188.6
Hansford	7	125.4	10	180.7	4	72.3	8	143.8	9	159.4	14	250.9	16	291.8	10	183.0
Hardeman	10	240.4	16	390.4	5	122.0	8	200.5	12	306.5	10	252.0	10	252.3	21	535.4
Hardin	138	250.6	100	181.4	109	197.8	101	182.0	137	245.7	119	211.5	118	206.4	117	204.5
Harris	21,678	518.6	22,066	517.5	23,308	546.6	25,032	561.4	26,231	575.0	27,408	592.1	26,540	569.0	27,415	583.5
Harrison	362	545.6	297	448.2	280	422.5	283	424.9	272	407.7	332	498.2	288	432.8	286	428.6
Hartley	3	49.8	4	65.7	1	16.4	2	33.0	1	17.5	2	34.9	2	35.0	1	17.8
Haskell	17	285.3	12	204.0	10	170.0	16	275.4	11	188.3	19	327.8	13	224.8	11	189.2
Hays	1,100	673.8	996	591.0	1,093	648.6	1,101	595.5	1,070	549.9	1,261	617.1	1,331	621.2	1,168	524.6
Hemphill	12	303.3	9	219.9	11	268.8	20	480.3	6	140.4	4	97.6	6	152.1	7	183.0
Henderson	221	280.5	255	323.0	209	264.7	239	301.4	224	281.7	245	305.8	266	328.1	265	322.0
Hidalgo	3,313	416.3	3,165	391.3	3,287	406.4	3,621	435.8	3,347	397.9	3,700	434.9	3,806	443.4	3,387	391.1
Hill	144	409.1	87	247.5	83	236.1	121	347.9	144	413.0	97	275.8	94	262.4	95	261.3
Hockley	142	619.3	112	485.4	113	489.7	121	515.6	146	626.2	103	446.9	120	521.9	154	670.1
Hood	114	221.1	131	251.3	134	257.1	134	249.0	116	209.8	152	268.1	140	240.7	163	269.3
Hopkins	109	309.2	95	269.0	102	288.9	108	302.6	144	400.1	173	477.7	142	389.1	137	372.2
Houston	54	230.5	77	331.8	66	284.4	64	280.5	66	290.0	72	314.2	67	289.8	69	297.8
Howard	198	565.5	152	427.8	168	472.8	164	448.1	190	509.6	183	497.4	143	395.0	141	386.7
Hudspeth	15	439.6	8	238.2	14	416.9	7	211.6	3	84.8	9	212.0	8	173.9	8	166.8
Hunt	326	376.0	316	363.2	347	398.8	384	433.0	378	421.3	438	476.4	422	449.3	401	415.6
Hutchinson	57	258.8	64	290.6	104	472.3	63	287.4	93	426.4	82	380.3	81	379.2	62	292.5
Irion	2	126.6	5	317.9	1	63.6	3	190.6	1	64.8	0	0.0	5	330.9	4	262.8
Jack	8	88.6	10	111.2	12	133.4	10	12.5	23	258.9	37	421.5	34	385.4	46	520.2
Jackson	38	270.5	39	273.2	44	308.3	32	217.3	48	324.1	44	295.8	39	263.2	37	248.8
Jasper	124	342.6	114	318.0	126	351.5	147	415.0	140	397.1	124	350.1	125	351.6	138	384.7
Jeff Davis	0	0.0	2	87.1	3	130.7	7	315.7	1	45.5	1	44.8	4	176.1	5	222.0
Jefferson	1,409	555.9	1,309	520.3	1,196	475.4	1,232	487.1	1,484	581.4	1,458	568.8	1,553	605.2	1,476	578.8
Jim Hogg	21	396.9	26	492.4	17	322.0	12	225.0	24	452.2	23	436.0	22	419.4	20	381.1
Jim Wells	225	546.0	247	593.1	236	566.7	217	522.9	155	373.3	80	194.3	64	156.4	58	142.1
Johnson	427	280.8	430	280.3	433	282.3	418	266.7	539	338.2	460	282.6	468	280.1	552	322.1
Jones	35	172.7	40	201.3	114	573.7	30	151.2	55	275.4	16	80.1	32	161.2	20	100.9
Karnes	35	234.0	34	228.8	44	296.1	55	368.8	33	214.3	20	129.4	28	180.5	36	230.0

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Chlamydia Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	315	299.4	288	270.2	327	302.0	283	255.2	363	318.0	384	325.3	457	372.0	493	383.3
Kendall	81	235.1	90	252.9	99	266.3	89	231.8	74	185.2	41	97.8	42	95.5	64	140.2
Kenedy	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	237.0	1	226.2
Kent	1	123.2	1	121.2	0	0.0	0	0.0	2	267.7	1	133.7	1	131.6	2	275.5
Kerr	122	245.9	112	225.3	112	225.0	119	236.4	69	135.7	55	107.0	65	125.4	92	175.6
Kimble	5	108.8	6	132.6	8	179.2	11	246.3	9	204.9	17	385.1	14	317.7	9	206.3
King	0	0.0	1	370.4	0	0.0	0	0.0	0	0.0	0	0.0	1	346.0	0	0.0
Kinney	1	27.7	7	192.4	10	275.3	9	253.2	11	304.9	5	136.2	4	106.0	6	159.3
Kleberg	207	646.2	195	607.4	185	577.6	186	582.9	228	724.1	247	785.4	222	712.6	252	809.5
Knox	9	241.9	7	187.7	11	295.5	12	315.6	7	184.5	11	294.7	5	135.8	6	164.2
Lamar	246	493.4	197	396.7	202	411.4	259	524.1	200	405.0	300	605.6	311	627.1	317	637.5
Lamb	57	405.5	68	490.6	52	380.7	42	311.5	50	376.9	58	439.2	52	394.0	60	456.0
Lampasas	78	391.5	80	398.8	62	307.7	88	437.5	72	353.3	86	418.3	109	521.1	64	301.5
La Salle	12	171.4	22	307.3	21	281.9	16	213.7	23	300.7	17	223.4	24	317.2	15	199.2
Lavaca	30	155.4	30	153.6	26	132.4	39	197.1	26	130.5	32	161.0	32	159.8	44	218.8
Lee	38	229.5	55	333.3	50	302.1	39	234.6	43	254.8	28	164.9	23	134.2	23	134.2
Leon	42	249.6	40	238.8	51	306.7	53	316.7	45	264.2	56	325.6	45	260.9	48	277.9
Liberty	223	293.5	203	265.8	252	327.9	243	311.3	245	307.7	314	385.2	309	368.7	392	454.1
Limestone	125	529.8	100	422.1	89	379.6	103	437.6	91	387.6	86	365.5	59	250.9	63	267.9
Lipscomb	4	120.0	2	58.0	4	114.6	2	56.3	7	196.5	2	57.2	1	29.6	4	119.2
Live Oak	26	225.9	27	231.7	29	245.4	31	257.1	35	287.4	64	532.0	85	697.6	79	649.4
Llano	44	230.7	30	155.7	25	128.2	34	172.9	26	129.5	20	97.1	12	56.6	17	78.5
Loving	1	1052.6	0	0.0	0	0.0	0	0.0	0	0.0	1	854.7	0	0.0	0	0.0
Lubbock	1903	671.5	1771	619.3	1812	625.8	1988	675.1	2,058	689.8	2,161	715.3	2,365	775.7	2,536	825.0
Lynn	17	288.8	22	379.6	18	314.2	17	293.2	29	504.6	18	311.7	14	239.7	11	187.2
McCulloch	19	230.2	30	364.0	31	376.0	21	257.4	25	302.7	21	258.4	30	376.9	26	325.5
McLennan	1633	686.6	1673	698.9	1562	646.9	1452	597.0	1622	660.6	1886	761.6	1981	788.8	1895	744.3
McMullen	0	0.0	0	0.0	1	131.4	3	375.0	1	119.8	2	243.9	1	127.4	1	133.5
Madison	43	312.8	49	356.6	57	412.5	72	519.1	63	451.0	54	382.4	43	301.6	39	270.4
Marion	34	324.5	24	231.3	24	233.4	24	236.4	30	296.0	41	405.0	31	307.8	37	372.7
Martin	11	225.2	11	220.8	18	341.4	10	183.1	8	141.5	12	212.8	19	341.6	13	226.0
Mason	6	148.8	0	0.0	5	121.3	2	48.8	6	147.9	3	72.0	4	95.2	6	140.2
Matagorda	98	267.1	123	336.5	176	482.0	120	328.8	107	291.0	114	307.5	112	304.3	113	309.1
Maverick	213	385.2	242	433.6	234	413.5	273	477.3	292	505.1	299	514.3	276	474.0	245	418.9
Medina	140	301.0	132	282.0	145	306.9	114	238.3	88	181.7	95	192.8	114	227.0	103	202.3
Menard	6	271.1	3	136.1	0	0.0	1	47.0	2	93.7	0	0.0	4	188.6	11	514.3
Midland	816	581.9	821	557.2	918	602.4	916	584.2	856	527.2	896	546.8	909	549.6	829	480.4
Milam	122	495.9	128	530.9	119	494.0	127	526.0	134	549.9	127	514.4	135	540.3	128	509.3
Mills	9	184.4	7	144.9	8	164.2	13	266.9	12	245.4	6	122.7	8	162.0	6	121.9
Mitchell	17	180.9	19	203.6	32	355.5	26	286.5	32	361.0	25	294.9	24	291.5	25	306.9
Montague	33	167.0	22	113.0	29	149.6	40	206.5	32	166.2	33	170.1	27	139.0	28	142.9
Montgomery	846	179.5	893	184.3	878	176.1	1024	197.9	1274	237.6	1453	261.5	1515	264.8	1595	269.9
Moore	101	457.5	90	401.1	80	361.0	72	327.2	83	380.3	66	302.6	82	374.8	109	507.3
Morris	29	227.1	59	464.5	49	386.4	52	412.5	36	291.1	56	450.7	51	411.9	41	332.3
Motley	0	0.0	1	83.5	1	83.9	2	174.1	0	0.0	1	85.5	1	81.4	2	162.1
Nacogdoches	484	737.2	470	713.5	403	618.1	473	724.9	402	613.4	580	882.9	502	765.3	510	776.1
Navarro	303	630.2	288	597.8	225	468.2	204	425.5	241	499.9	254	524.6	245	502.3	195	393.4
Newton	49	336.5	34	235.6	22	153.4	24	167.9	31	218.9	35	247.2	27	193.8	29	211.0
Nolan	61	402.8	83	555.7	87	577.2	101	667.6	71	470.2	106	706.0	91	613.3	130	881.3
Nueces	2,558	745.2	2,603	748.1	2,558	724.7	2,536	710.9	2,417	670.2	2,600	718.7	2,624	726.8	2,734	754.7
Ochiltree	23	220.2	18	169.6	29	270.7	33	307.6	32	298.6	29	281.8	22	218.7	21	211.1
Oldham	2	96.6	7	342.1	2	95.8	3	145.0	0	0.0	3	144.6	0	0.0	1	46.9
Orange	266	323.1	250	301.6	248	299.5	202	242.6	270	321.6	235	278.0	243	286.1	240	287.2
Palo Pinto	63	224.6	54	193.8	56	200.9	78	278.2	65	232.4	97	344.8	74	259.0	115	398.3
Panola	86	358.2	94	391.7	107	449.7	92	387.4	101	426.8	85	362.9	75	323.0	81	349.9
Parker	287	242.6	337	282.0	281	234.6	280	229.2	366	291.2	353	273.5	331	247.6	295	213.2
Parmer	27	262.7	40	392.6	30	300.2	22	220.8	31	315.6	38	387.2	32	326.7	32	324.4
Pecos	54	345.2	69	443.1	62	395.8	54	341.0	50	312.3	56	353.4	52	332.9	57	363.7
Polk	103	226.0	129	283.4	109	239.4	143	312.0	163	349.5	150	314.6	117	238.7	146	291.8
Potter	955	780.8	1,172	954.7	1,269	1,038.7	1,171	958.9	1,003	826.3	985	815.2	1,042	864.6	1,181	987.1
Presidio	19	244.8	22	288.2	18	243.1	19	263.3	22	310.3	23	319.1	20	279.5	21	302.2
Rains	9	81.8	20	182.8	17	154.1	31	281.5	26	233.5	30	265.3	27	229.8	23	189.2
Randall	319	258.5	378	302.5	449	354.2	380	295.2	311	238.4	232	175.1	215	159.9	286	209.9
Reagan	9	265.2	17	488.5	12	330.2	15	396.0	20	524.8	16	429.9	13	351.4	11	294.0

* Rates represent cases per 100,000 population.

Chlamydia Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	14	408.0	12	357.9	12	361.6	12	358.4	9	273.0	4	117.8	12	350.2	2	57.5
Red River	13	102.5	51	400.7	41	328.1	35	281.1	42	339.9	43	352.7	48	393.3	40	328.5
Reeves	30	217.2	46	328.9	66	464.2	76	522.1	66	441.3	70	462.9	58	379.2	79	503.3
Refugio	20	273.2	35	482.4	26	357.3	24	326.2	37	505.2	32	440.2	35	486.2	24	341.3
Roberts	2	216.0	0	0.0	4	435.3	1	109.4	0	0.0	1	109.9	1	106.7	0	0.0
Robertson	97	582.4	105	638.1	89	541.7	109	661.9	93	556.9	115	684.0	135	785.6	121	700.1
Rockwall	123	151.8	141	170.5	158	186.6	151	173.4	184	204.1	199	213.0	173	178.6	171	169.9
Runnels	30	285.6	22	212.8	19	186.3	23	223.4	26	250.1	19	184.6	37	358.1	23	224.7
Rusk	144	268.2	132	245.3	149	279.3	118	221.6	120	226.4	146	275.7	141	259.6	177	325.1
Sabine	28	261.0	29	275.5	35	335.7	18	172.6	26	248.9	26	250.4	36	344.8	39	368.3
San Augustine	38	431.9	30	341.4	23	265.5	40	471.7	30	359.4	35	422.6	35	422.1	30	364.4
San Jacinto	38	111.9	60	222.7	43	160.8	37	136.8	81	296.1	98	353.5	82	290.3	12	390.0
San Patricio	290	449.9	256	392.2	281	424.9	249	373.5	194	289.0	168	249.5	132	196.4	127	189.9
San Saba	18	297.7	9	150.2	10	167.7	12	204.7	8	134.9	20	337.0	15	248.7	22	363.4
Schleicher	6	181.3	6	184.0	13	407.3	4	126.4	1	31.3	4	130.8	7	233.7	8	276.3
Scurry	67	397.4	81	473.0	93	538.3	88	506.3	81	461.1	37	212.9	112	658.7	68	403.2
Shackelford	7	209.7	6	178.3	2	59.2	6	180.7	7	209.8	11	329.2	7	211.8	7	215.2
Shelby	80	310.9	103	395.0	75	288.6	80	312.2	83	326.6	82	320.0	68	268.7	89	350.1
Sherman	2	66.4	5	164.6	6	195.5	10	326.4	3	98.3	1	32.7	1	32.9	0	0.0
Smith	1095	514.7	969	451.0	1077	497.4	1132	515.5	896	402.8	1161	515.2	1150	505.6	1123	487.8
Somervell	12	142.4	19	222.1	23	268.4	13	151.8	18	208.8	16	184.5	15	169.5	19	210.7
Starr	202	327.5	132	212.8	209	334.6	167	264.8	172	270.5	270	421.7	235	365.7	227	351.8
Stephens	14	146.9	18	187.3	24	256.2	17	181.9	21	223.6	32	341.0	17	182.7	34	360.4
Sterling	4	341.9	3	251.9	0	0.0	1	74.6	2	149.7	1	74.4	5	384.3	3	228.8
Stonewall	2	136.7	2	137.7	3	211.6	1	72.0	2	143.0	3	213.7	2	144.2	0	0.0
Sutton	7	175.5	13	331.9	18	451.9	12	302.3	6	153.2	6	154.4	12	316.0	10	266.1
Swisher	37	474.2	28	356.8	27	349.6	23	304.4	21	280.6	3	40.3	4	53.5	11	147.4
Tarrant	7,972	4314	8,389	445.7	8,624	450.8	8,330	427.9	8,826	444.4	8,998	444.4	8,384	407.5	9,571	459.1
Taylor	656	493.8	627	467.6	633	472.6	620	459.2	652	478.9	701	514.5	729	533.3	533	387.2
Terrell	4	421.1	0	0.0	1	112.2	2	219.8	0	0.0	0	0.0	1	122.0	1	121.5
Terry	55	434.4	63	498.7	59	464.1	49	383.0	63	493.8	49	383.4	66	529.8	56	455.8
Throckmorton	2	122.2	2	124.2	3	186.8	1	62.0	1	64.1	2	130.1	0	0.0	2	132.0
Titus	123	379.0	117	358.6	114	349.6	126	387.3	82	250.8	125	383.6	121	368.8	106	320.9
Tom Green	684	612.1	669	590.5	650	566.8	657	564.8	728	619.6	717	609.6	773	656.8	737	623.6
Travis	6,202	584.1	6,696	610.4	6,716	598.3	6,988	606.2	7,775	658.8	8,590	712.0	8,645	704.1	9,033	723.4
Trinity	25	170.3	29	201.8	40	276.9	34	237.8	35	240.6	36	247.4	35	237.9	35	237.4
Tyler	44	203.1	52	241.9	36	167.4	36	167.8	39	182.5	47	219.3	47	218.4	57	262.7
Upshur	97	244.1	88	220.4	126	316.9	122	302.8	72	178.5	124	303.9	137	332.9	105	254.5
Upton	8	243.5	11	337.1	10	295.2	9	258.4	14	382.9	13	351.4	14	382.4	13	354.1
Uvalde	196	737.1	206	770.0	168	624.1	139	513.9	94	348.6	122	450.4	116	391.2	105	391.1
Val Verde	166	338.9	245	500.1	190	387.2	222	454.2	228	465.8	196	400.0	182	370.7	204	414.6
Van Zandt	107	203.8	129	247.0	134	256.0	138	261.4	101	189.0	104	191.3	130	235.5	97	173.2
Victoria	502	573.4	497	557.7	478	530.7	484	531.5	471	511.0	416	449.9	452	490.8	479	520.5
Walker	298	435.6	351	511.6	415	597.9	349	498.0	426	601.2	409	568.9	577	797.1	610	841.6
Waller	138	312.9	164	369.8	164	361.0	157	335.5	202	415.1	225	449.4	157	306.1	195	367.1
Ward	37	346.7	36	332.6	50	446.1	42	362.9	54	464.2	35	302.2	49	429.0	44	375.4
Washington	145	427.0	159	468.6	164	479.5	179	520.3	164	470.8	188	541.2	152	435.6	140	398.8
Webb	995	388.7	1032	395.8	1076	406.6	1274	475.8	1128	417.6	1122	411.7	1237	451.5	1247	452.0
Wharton	134	324.5	141	342.7	195	474.0	149	362.3	166	400.7	158	379.2	141	336.4	124	297.9
Wheeler	11	201.9	10	178.8	10	174.9	8	140.4	8	112.2	5	90.4	6	112.7	2	38.5
Wichita	654	500.1	641	486.7	672	508.3	611	460.6	667	509.0	819	623.1	868	658.1	574	434.6
Wilbarger	44	327.0	52	391.2	39	295.3	46	354.1	45	344.4	52	403.0	45	353.0	45	351.0
Willacy	68	306.7	115	517.6	87	394.7	127	578.2	83	379.0	73	334.7	89	412.5	86	399.7
Williamson	1173	265.4	1305	286.3	1457	309.9	1502	307.8	1405	277.1	1267	240.2	1394	255.3	1331	234.9
Wilson	108	247.3	122	275.0	104	229.9	99	214.5	99	209.8	75	155.6	90	182.9	74	147.3
Winkler	15	209.3	32	434.0	28	366.6	38	485.6	18	224.6	22	279.3	27	356.5	35	453.4
Wise	123	205.2	136	225.1	124	203.2	98	158.8	130	206.8	86	133.4	103	156.4	110	161.0
Wood	61	144.9	45	106.2	70	165.3	90	210.4	90	208.7	96	219.4	67	151.3	100	221.6
Yoakum	26	326.1	18	223.4	34	413.3	20	238.0	26	300.6	22	254.3	28	327.0	34	395.8
Young	37	201.6	39	213.4	32	174.3	42	229.8	44	242.2	49	270.6	32	178.0	54	299.3
Zapata	40	281.1	37	259.0	43	298.5	46	319.4	31	213.6	37	255.9	33	231.0	43	303.0
Zavala	52	437.8	77	640.5	70	573.4	46	375.2	43	349.0	14	115.4	10	83.6	17	141.9
Total	122,872	479.1	124,499	477.2	125,907	475.3	130,589	484.1	134,850	490.6	141,675	507.1	145,229	512.8	145,874	508.2

* Rates represent cases per 100,000 population.

Appendix B
Gonorrhea Cases and Rates
by County of Residence
2011-2018

Gonorrhea Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	78	133.6	51	87.8	58	100.0	46	79.5	60	104.1	82	142.5	93	159.8	98	168.8
Andrews	7	45.5	9	55.9	22	131.0	6	34.4	12	66.4	17	95.5	12	68.1	20	110.3
Angelina	133	152.4	162	185.1	139	159.2	153	174.7	121	137.7	149	169.8	155	176.7	151	173.4
Aransas	9	38.8	22	93.8	31	129.8	18	73.3	23	92.7	29	115.1	35	137.5	38	159.7
Archer	0	0.0	3	34.1	0	0.0	2	22.6	23	262.6	5	56.9	5	56.9	8	91.1
Armstrong	0	0.0	0	0.0	0	0.0	1	52.3	5	263.0	25	1356.5	43	2286.0	36	1902.7
Atascosa	37	81.3	41	88.3	37	78.7	37	77.6	47	97.2	52	106.8	74	150.8	81	161.0
Austin	8	28.0	10	35.0	12	41.8	15	51.8	23	78.0	15	50.6	22	73.9	21	70.0
Bailey	2	27.9	0	0.0	2	28.1	5	71.7	7	96.9	3	41.8	2	28.4	9	128.1
Bandera	4	19.5	9	43.7	6	29.2	6	28.8	4	18.9	4	18.4	10	44.8	10	43.8
Bastrop	33	43.9	55	73.5	65	85.6	56	71.8	121	150.7	199	240.3	245	288.9	230	264.4
Baylor	1	27.1	1	27.9	1	27.9	2	56.1	4	110.8	2	55.0	0	0.0	2	55.8
Bee	18	55.7	18	55.4	28	85.3	29	88.3	37	113.5	60	182.9	15	352.8	67	205.6
Bell	1071	339.2	125	346.2	1446	442.1	1038	314.3	1178	350.4	1460	427.8	1571	451.6	1245	350.1
Bexar	3,449	196.5	3,352	187.4	3,032	166.4	3,116	167.6	3,898	205.6	4,455	230.9	4,510	230.2	3,876	195.2
Blanco	0	0.0	1	9.4	3	28.2	4	37.0	7	63.4	14	123.6	37	321.4	33	282.0
Borden	0	0.0	0	0.0	1	154.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Bosque	6	32.9	8	44.1	7	39.2	20	112.9	11	61.6	16	88.8	8	43.7	12	64.2
Bowie	160	172.2	184	197.6	235	251.4	260	278.1	228	243.9	296	314.9	269	286.2	283	300.0
Brazoria	182	57.0	179	55.2	266	80.6	232	68.7	214	61.9	260	73.5	305	84.1	295	79.7
Brazos	237	120.1	226	112.9	243	119.0	366	175.1	350	161.7	358	162.6	392	175.3	409	180.4
Brewster	10	106.9	7	75.6	4	43.1	5	54.6	13	142.3	7	76.1	7	75.0	9	97.1
Briscoe	1	60.3	0	0.0	1	64.1	0	0.0	1	66.0	2	134.7	7	461.1	16	1055.4
Brooks	4	55.4	2	27.8	5	68.8	2	27.6	9	125.0	17	236.1	9	125.8	9	126.5
Brown	18	47.4	17	45.0	13	34.5	16	42.6	23	60.9	24	63.0	53	140.0	13	34.3
Burleson	16	92.4	21	120.5	15	86.9	26	149.5	20	113.5	27	151.2	23	127.3	10	54.4
Burnet	13	30.1	22	50.7	14	32.1	16	36.4	40	89.4	57	124.3	43	92.2	39	82.0
Caldwell	55	143.0	24	62.0	60	153.0	49	123.4	64	158.3	92	223.5	95	223.9	98	226.6
Calhoun	9	42.1	11	51.0	24	110.4	15	68.7	16	73.0	11	50.1	16	73.5	12	55.7
Callahan	3	22.2	2	14.8	5	37.0	2	14.8	9	66.2	14	101.5	12	85.9	4	28.6
Cameron	225	54.4	307	73.8	286	68.5	206	49.1	206	49.0	239	56.6	282	66.6	272	64.2
Camp	12	96.6	15	120.1	20	160.4	18	142.1	6	47.2	9	70.4	22	170.9	16	122.8
Carson	0	0.0	3	49.3	1	16.7	4	66.3	9	149.7	23	377.4	33	549.1	25	416.3
Cass	20	66.1	34	113.2	53	175.3	55	182.6	15	49.8	40	133.0	39	130.1	46	152.7
Castro	0	0.0	4	48.4	10	123.1	9	113.5	5	64.1	7	89.9	4	51.5	8	104.4
Chambers	3	8.4	7	19.2	3	8.0	10	26.1	17	43.5	20	49.7	9	21.7	15	35.3
Cherokee	71	139.0	58	113.1	61	119.3	71	138.6	74	143.4	73	140.6	91	174.4	73	138.8
Childress	3	42.7	0	0.0	5	70.9	7	97.3	16	223.2	17	236.2	11	151.1	23	315.5
Clay	2	18.7	1	9.5	4	38.3	2	19.3	1	9.7	6	58.5	8	76.2	3	28.7
Cochran	1	32.5	1	33.0	2	66.5	0	0.0	5	168.1	4	137.5	3	105.2	4	141.0
Coke	1	30.6	2	62.5	2	62.9	5	155.5	3	93.0	4	122.7	3	90.8	3	89.0
Coleman	0	0.0	0	0.0	3	35.2	2	23.8	3	36.1	7	83.2	22	261.4	8	95.3
Collin	401	49.3	384	45.9	384	44.8	407	45.9	546	59.6	700	74.2	858	88.3	897	89.2
Collingsworth	0	0.0	2	66.1	3	96.8	4	132.6	0	0.0	0	0.0	0	0.0	0	0.0
Colorado	13	62.5	12	57.9	25	120.7	13	62.8	14	66.9	15	71.3	15	70.7	21	99.0
Comal	51	45.5	44	38.3	66	55.7	41	33.3	77	59.8	113	84.1	122	86.7	120	80.9
Comanche	1	7.2	2	14.6	0	0.0	3	22.3	3	22.4	8	59.1	11	81.2	7	51.7
Concho	0	0.0	1	24.4	2	48.4	0	0.0	2	47.9	1	23.3	1	23.2	2	46.8
Cooke	30	78.0	24	62.0	16	41.6	35	90.3	22	56.2	30	76.2	26	65.0	30	73.9
Coryell	56	73.1	96	122.3	116	151.1	89	116.8	90	118.1	151	201.7	118	157.6	120	160.4
Cottle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	144.8	0	0.0
Crane	2	45.9	1	22.1	2	42.4	4	81.6	2	40.0	3	62.7	5	106.1	2	41.7
Crockett	0	0.0	1	27.0	2	53.1	1	26.4	2	53.5	4	109.7	1	28.1	4	114.3
Crosby	8	132.4	6	99.4	7	118.2	6	103.0	2	33.8	3	50.7	8	136.2	9	155.7
Culberson	0	0.0	2	86.3	0	0.0	1	43.8	0	0.0	2	89.9	0	0.0	0	0.0
Dallam	3	43.5	3	42.5	3	42.1	3	41.5	7	96.0	9	123.4	5	69.3	4	55.6
Dallas	5,101	211.8	4,501	183.3	4,838	194.7	5,712	226.6	5,331	208.3	6,025	232.4	7,108	271.0	7,486	283.8
Dawson	31	225.5	29	213.0	5	37.8	9	66.9	24	184.8	14	107.7	14	109.7	29	229.8
Deaf Smith	7	35.9	19	98.0	15	78.1	30	156.7	10	53.0	16	84.7	23	122.0	27	143.9
Delta	0	0.0	3	57.2	4	78.2	4	77.8	4	77.6	7	136.1	3	56.8	7	130.9
Denton	332	48.4	320	45.2	311	42.7	431	57.2	542	69.5	566	70.1	710	85.0	772	89.9
DeWitt	10	49.5	16	78.6	19	93.2	22	107.2	21	101.8	24	116.4	15	74.2	32	158.5
Dickens	1	41.7	1	43.1	0	0.0	1	45.1	1	45.3	0	0.0	0	0.0	4	177.9
Dimmit	4	39.6	4	38.2	9	82.5	21	190.9	10	91.4	5	46.6	9	87.0	12	116.4

* Rates represent cases per 100,000 population.

Gonorrhea Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	3	81.4	1	27.4	3	84.2	1	28.7	1	29.5	1	29.5	2	59.7	0	0.0
Duval	14	118.7	2	17.3	8	69.0	11	95.5	11	97.0	23	201.2	23	204.0	30	267.6
Eastland	4	21.5	1	5.4	0	0.0	9	49.3	7	38.5	8	43.8	7	38.2	8	43.7
Ector	194	138.9	264	182.7	309	206.4	366	236.6	353	220.7	294	186.3	266	169.2	262	161.6
Edwards	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	52.3	0	0.0	0	0.0
Ellis	112	73.5	96	62.4	112	71.8	96	60.3	132	80.8	196	116.3	172	99.1	200	111.5
El Paso	744	90.7	892	107.1	724	87.0	675	80.8	532	63.8	348	41.5	726	86.4	1,137	135.2
Erath	26	66.8	9	22.8	13	32.6	24	59.2	20	48.5	35	84.6	29	69.3	56	131.9
Falls	30	168.1	35	199.2	32	185.5	22	127.8	20	116.1	32	184.9	44	252.8	34	196.1
Fannin	7	20.7	17	50.6	11	32.8	15	44.6	25	74.6	16	47.2	27	78.1	29	82.2
Fayette	12	48.5	10	40.5	4	16.2	12	48.4	7	28.0	20	79.8	26	103.3	21	82.8
Fisher	3	75.7	8	207.7	3	77.5	2	51.5	4	102.7	3	77.0	6	153.7	5	130.2
Floyd	3	47.1	5	78.8	4	64.0	3	50.4	8	136.7	8	136.4	5	85.3	6	102.8
Foard	0	0.0	0	0.0	0	0.0	0	0.0	1	81.6	0	0.0	1	82.9	0	0.0
Fort Bend	270	44.5	278	44.5	371	56.9	367	53.6	513	71.7	658	88.5	706	92.2	794	100.8
Franklin	6	56.8	2	18.8	11	103.6	11	104.1	9	84.9	13	121.8	23	213.4	10	92.9
Freestone	13	66.3	15	77.0	7	35.7	9	45.7	11	55.7	18	91.5	14	71.2	14	70.7
Frio	10	57.2	25	139.4	25	135.8	42	221.7	24	124.6	9	46.5	13	66.4	21	106.0
Gaines	4	22.3	3	16.4	8	42.5	8	41.3	4	19.8	5	24.4	6	29.1	9	43.1
Galveston	378	127.9	363	120.6	291	94.9	251	80.1	342	106.5	405	123.2	445	133.1	469	138.8
Garza	2	30.4	5	77.7	3	46.9	11	170.4	4	62.3	6	92.3	9	137.2	11	167.2
Gillespie	3	12.0	2	7.9	1	3.9	6	23.5	10	38.5	16	60.9	14	52.8	10	37.3
Glasscock	0	0.0	0	0.0	0	0.0	0	0.0	1	72.5	1	73.4	0	0.0	0	0.0
Goliad	5	69.4	5	68.2	6	80.5	3	40.0	9	119.8	11	146.5	7	92.7	9	118.7
Gonzales	28	141.7	30	150.5	33	163.7	15	73.7	14	68.2	13	62.4	17	81.7	27	129.6
Gray	4	17.7	12	52.4	12	52.2	20	85.3	18	77.4	9	39.6	18	81.4	24	109.6
Grayson	60	49.4	45	36.9	63	51.5	102	82.5	174	138.5	196	152.7	192	146.3	133	99.3
Gregg	363	295.9	333	270.5	302	245.0	325	263.9	368	297.0	381	308.4	297	241.2	329	266.0
Grimes	28	105.1	34	127.4	39	145.5	40	148.1	36	131.8	25	90.9	39	139.4	40	141.0
Guadalupe	79	58.2	76	54.4	100	70.0	82	55.8	55	36.5	73	47.2	100	62.6	135	82.5
Hale	36	98.9	43	118.6	66	185.0	43	124.8	74	217.2	54	158.1	47	138.1	69	204.0
Hall	1	30.2	1	30.6	9	284.5	0	0.0	2	64.6	1	32.1	4	130.8	5	165.1
Hamilton	1	11.9	2	24.2	4	48.5	2	24.5	1	12.4	2	24.3	7	83.4	5	58.9
Hansford	0	0.0	0	0.0	1	18.0	1	18.0	1	17.7	3	53.8	1	18.2	2	36.6
Hardeman	4	96.2	0	0.0	1	24.6	0	0.0	3	76.6	3	75.6	3	75.7	5	127.5
Hardin	14	25.4	20	36.3	20	36.2	25	45.0	44	78.9	46	81.8	46	80.5	26	45.4
Harris	5,782	138.3	6,541	153.4	6,460	148.3	7,193	161.3	7,515	164.7	8,408	181.6	8,448	181.1	8,730	185.8
Harrison	158	238.1	112	169.0	96	144.8	86	129.1	92	137.9	128	192.1	113	169.8	126	188.8
Hartley	0	0.0	0	0.0	0	0.0	0	0.0	1	17.5	2	34.9	1	17.5	0	0.0
Haskell	1	16.8	0	0.0	2	33.9	5	86.1	1	17.1	9	155.3	6	103.8	5	86.0
Hays	151	92.5	194	115.1	201	114.2	149	80.6	169	86.8	252	123.3	276	128.8	252	113.2
Hemphill	0	0.0	1	24.4	1	24.1	1	24.0	3	70.2	0	0.0	3	76.0	1	26.1
Henderson	41	52.0	59	74.7	50	63.6	53	66.8	79	99.4	75	93.6	99	122.1	137	166.5
Hidalgo	384	48.3	526	65.0	509	62.1	423	50.9	314	37.3	435	51.1	524	61.0	458	52.9
Hill	31	88.1	22	62.6	18	51.6	32	92.0	30	86.0	23	65.4	48	134.0	26	71.5
Hockley	34	148.3	32	138.7	59	252.0	28	119.3	40	171.5	22	95.5	35	152.2	47	204.5
Hood	9	17.5	6	11.5	10	18.9	19	35.3	33	59.7	30	52.9	26	44.7	40	66.1
Hopkins	23	65.2	34	96.3	25	70.8	31	86.8	51	141.7	43	118.7	37	101.4	29	78.8
Houston	16	68.3	20	86.2	9	39.5	13	57.0	15	65.9	25	109.1	38	164.4	30	129.5
Howard	64	182.8	58	163.2	50	138.1	42	114.7	55	147.5	82	222.9	56	154.7	50	137.1
Hudspeth	1	29.3	0	0.0	0	0.0	1	30.2	0	0.0	3	70.7	1	21.7	0	0.0
Hunt	70	80.7	93	106.9	99	113.2	107	120.7	127	141.6	130	141.4	161	171.4	116	120.2
Hutchinson	6	27.2	23	104.4	30	136.8	40	182.5	25	114.6	25	115.9	42	196.6	26	122.7
Irion	0	0.0	1	63.6	1	62.1	0	0.0	0	0.0	1	64.0	1	66.2	1	65.7
Jack	2	22.1	1	11.1	2	22.3	2	22.5	3	33.8	5	57.0	10	113.4	10	113.1
Jackson	4	28.5	5	35.0	5	34.2	10	67.9	8	54.0	7	47.1	6	40.5	15	100.8
Jasper	31	85.6	28	78.1	29	81.4	45	127.0	44	124.8	40	112.9	37	104.1	49	136.6
Jeff Davis	1	43.8	1	43.6	1	44.8	1	45.1	0	0.0	1	44.8	0	0.0	0	0.0
Jefferson	455	179.5	447	177.7	495	195.6	526	208.0	543	212.7	565	220.4	556	216.7	588	230.6
Jim Hogg	2	37.8	5	94.7	1	19.0	0	0.0	2	37.7	1	19.0	1	19.1	3	57.2
Jim Wells	36	87.4	35	84.0	36	86.4	38	91.6	27	65.0	7	17.0	7	17.1	12	29.4
Johnson	52	34.2	70	45.6	89	57.6	93	59.3	130	81.6	118	72.5	136	81.4	173	101.0
Jones	12	59.2	9	45.3	31	154.7	9	45.3	19	95.1	7	35.1	19	95.7	3	15.1
Karnes	6	40.1	6	40.4	6	40.7	19	127.4	5	32.5	4	25.9	15	96.7	10	63.9

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County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	76	72.2	54	50.7	58	53.6	79	71.2	85	74.5	114	96.6	107	87.1	151	117.4
Kendall	15	43.5	15	42.2	11	29.6	22	57.3	12	30.0	13	31.0	12	27.3	17	37.2
Kenedy	0	0.0	0	0.0	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	1	128.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Kerr	12	24.2	11	22.1	21	42.2	26	51.7	5	9.8	15	29.2	13	25.1	22	42.0
Kimble	0	0.0	0	0.0	0	0.0	2	44.8	3	68.3	5	113.3	2	45.4	1	22.9
King	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	346.0	0	0.0
Kinney	0	0.0	0	0.0	6	165.2	0	0.0	2	55.4	0	0.0	0	0.0	2	53.1
Kleberg	30	93.7	25	77.9	33	103.0	32	100.3	44	139.7	38	120.8	26	83.5	43	138.1
Knox	1	26.9	4	107.3	1	26.9	6	157.8	1	26.4	4	107.2	2	54.3	0	0.0
Lamar	86	172.5	49	98.7	65	132.4	68	137.6	102	206.6	109	220.0	141	284.3	110	221.2
Lamb	9	64.0	11	79.4	16	117.1	16	118.7	17	128.2	23	174.2	15	113.7	16	121.6
Lampasas	22	110.4	20	99.7	14	69.5	12	59.7	18	88.3	36	175.1	35	167.3	15	70.7
La Salle	1	14.3	4	55.9	2	26.8	4	53.4	4	52.3	1	13.1	3	39.6	3	39.8
Lavaca	6	31.1	6	30.7	10	50.9	14	70.8	5	25.1	5	25.2	8	40.0	8	39.8
Lee	5	30.2	6	36.4	6	36.3	9	54.1	8	47.4	2	11.8	9	52.5	5	29.2
Leon	13	77.2	8	47.8	5	30.1	13	77.7	16	93.9	16	93.0	26	150.7	6	34.7
Liberty	44	57.9	42	55.0	33	42.9	41	52.5	61	76.6	75	92.0	74	88.3	93	107.7
Limestone	44	186.5	32	135.1	18	76.8	26	110.5	30	127.8	39	165.8	20	85.0	19	80.8
Lipscomb	0	0.0	0	0.0	0	0.0	1	28.1	0	0.0	1	28.6	1	29.6	1	29.8
Live Oak	6	52.1	3	25.7	3	25.4	8	66.4	9	73.9	14	116.4	21	172.3	18	148.0
Llano	2	10.5	3	15.6	9	46.1	1	5.1	12	59.8	13	63.1	4	18.9	1	4.6
Loving	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lubbock	664	234.3	626	218.9	715	246.9	754	256.0	898	301.0	834	276.0	961	315.2	1254	407.9
Lynn	4	68.0	3	51.8	4	69.8	7	120.7	7	121.8	5	86.6	10	171.2	5	85.1
McCulloch	3	36.3	0	0.0	1	12.1	2	24.5	4	48.4	9	110.7	14	175.9	13	162.8
McLennan	460	193.4	543	226.8	540	223.6	467	192.0	575	234.2	667	269.3	862	343.2	795	312.2
McMullen	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	127.4	0	0.0
Madison	18	130.9	9	65.5	10	72.4	17	122.6	9	64.4	11	77.9	12	84.2	15	104.0
Marion	11	105.0	9	86.7	8	77.8	6	59.1	9	88.8	6	59.3	13	129.1	16	161.2
Martin	2	40.9	3	60.2	5	94.8	3	54.9	1	17.7	3	53.2	5	89.9	0	0.0
Mason	0	0.0	0	0.0	0	0.0	1	24.4	2	49.3	1	24.0	2	47.6	1	23.4
Matagorda	25	68.1	33	90.3	41	112.3	38	104.1	18	48.9	36	97.1	28	76.1	27	73.9
Maverick	7	12.7	8	14.3	42	74.2	37	64.7	23	39.8	21	36.1	20	34.3	21	35.9
Medina	26	55.9	74	158.1	32	67.7	22	46.0	14	28.9	19	38.6	31	61.7	30	58.9
Menard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	47.8	0	0.0	0	0.0
Midland	193	137.6	250	169.7	250	164.0	310	197.7	268	165.1	175	106.8	193	116.7	226	131.0
Milam	14	56.9	31	128.6	28	116.2	24	99.4	41	168.2	31	125.6	34	136.1	26	103.5
Mills	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	61.0
Mitchell	2	21.3	4	42.9	4	44.4	10	110.2	1	11.3	5	59.0	8	97.2	9	110.5
Montague	7	35.4	3	15.4	5	25.8	8	41.3	6	31.2	3	15.5	3	15.4	10	51.0
Montgomery	134	28.4	155	32.0	166	33.3	161	31.1	242	45.1	349	62.8	299	52.3	359	60.8
Moore	5	22.6	5	22.3	17	76.7	8	36.4	17	77.9	17	77.9	21	96.0	15	69.8
Morris	10	78.3	15	118.1	13	102.5	17	134.9	15	121.3	20	161.0	20	161.5	15	121.6
Motley	0	0.0	0	0.0	1	83.9	0	0.0	0	0.0	1	85.5	2	162.7	1	81.0
Nacogdoches	151	230.0	169	256.6	110	168.7	97	148.7	76	116.0	147	223.8	162	247.0	149	226.8
Navarro	93	193.4	99	205.5	74	154.0	59	123.1	111	230.2	75	154.9	82	168.1	57	115.0
Newton	11	75.5	11	76.2	10	69.7	4	28.0	6	42.4	7	49.4	12	86.1	17	123.7
Nolan	23	151.9	27	180.8	20	132.7	33	218.1	32	211.9	32	213.1	20	134.8	50	339.0
Nueces	577	168.1	749	215.3	735	208.2	721	202.1	570	158.1	590	163.1	571	158.2	871	240.4
Ochiltree	1	9.6	3	28.3	2	18.7	2	18.6	7	65.3	8	77.7	8	79.5	7	70.4
Oldham	0	0.0	1	48.9	1	47.9	1	48.3	0	0.0	0	0.0	2	94.7	2	93.9
Orange	63	76.5	51	61.5	57	68.8	66	79.3	79	94.1	79	93.5	74	87.1	60	71.8
Palo Pinto	3	10.7	4	14.4	4	14.3	7	25.0	16	57.2	29	103.1	18	63.0	18	62.3
Panola	24	100.0	41	170.8	32	134.5	23	96.8	43	181.7	35	149.4	24	103.4	22	95.0
Parker	40	33.8	32	26.8	44	36.7	71	58.1	114	90.7	74	57.3	85	63.6	100	72.3
Parmer	0	0.0	8	78.5	4	40.0	2	20.1	7	71.3	6	61.1	2	20.4	6	60.8
Pecos	3	19.2	7	45.0	11	70.2	9	56.8	10	62.5	29	183.0	12	76.8	8	51.0
Polk	28	61.4	18	39.5	21	46.1	38	82.9	30	64.3	43	90.2	30	61.2	46	91.9
Potter	262	214.2	403	328.3	452	370.0	557	456.1	501	412.7	484	400.6	509	422.3	651	544.1
Presidio	3	38.6	0	0.0	1	13.5	1	13.9	5	70.5	9	124.9	7	97.8	3	43.2
Rains	2	18.2	0	0.0	2	18.1	11	99.9	6	53.9	8	70.8	3	25.5	3	24.7
Randall	54	43.8	66	52.8	132	104.1	141	109.5	115	88.2	78	58.9	56	41.7	129	94.7
Reagan	1	29.5	1	28.7	4	110.1	1	26.4	3	78.7	2	53.7	0	0.0	3	80.2

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	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	2	58.3	1	29.8	2	60.3	3	89.6	0	0.0	2	58.9	1	29.2	1	28.8
Red River	6	47.3	14	110.0	9	72.0	2	16.1	10	80.9	4	32.8	21	172.1	6	49.3
Reeves	5	36.2	2	14.3	5	35.2	5	34.3	12	80.2	15	99.2	14	91.5	18	114.7
Refugio	8	109.3	11	151.6	9	123.7	7	95.1	2	27.3	2	27.5	3	41.7	9	128.0
Roberts	0	0.0	0	0.0	0	0.0	1	109.4	0	0.0	0	0.0	0	0.0	1	110.7
Robertson	34	204.1	27	164.1	34	206.9	41	249.0	32	191.6	31	184.4	63	366.6	42	243.0
Rockwall	26	32.1	18	21.8	20	23.6	21	24.1	39	43.3	40	42.8	49	50.6	46	45.7
Runnels	0	0.0	3	29.0	6	58.8	5	48.6	5	48.1	3	29.2	18	174.2	9	87.9
Rusk	42	78.2	62	115.2	44	82.5	34	63.9	28	52.8	46	86.9	49	90.2	65	119.4
Sabine	3	28.0	1	9.5	5	48.0	2	19.2	5	47.9	5	48.2	11	105.4	12	113.3
San Augustine	16	181.8	13	147.9	12	138.5	5	59.0	4	47.9	10	120.7	10	120.6	12	145.8
San Jacinto	4	14.9	8	29.7	12	44.9	6	22.2	20	73.1	18	64.9	30	106.2	28	97.5
San Patricio	35	54.3	45	68.9	61	92.2	41	61.5	38	56.6	32	47.5	17	25.3	31	46.3
San Saba	1	16.5	2	33.4	1	16.8	1	17.1	1	16.9	4	67.4	0	0.0	3	49.6
Schleicher	2	60.4	2	61.3	1	31.3	2	63.2	0	0.0	1	32.7	3	100.2	1	34.5
Scurry	9	53.4	18	105.1	32	185.2	27	155.4	27	153.7	14	80.5	17	100.0	17	100.8
Shackelford	2	59.9	4	118.9	0	0.0	3	90.4	2	59.9	4	119.7	2	60.5	4	123.0
Shelby	25	97.1	23	88.2	18	69.3	20	78.1	13	51.2	13	50.7	24	94.8	28	110.2
Sherman	0	0.0	0	0.0	1	32.6	1	32.6	1	32.8	1	32.7	0	0.0	0	0.0
Smith	387	181.9	349	162.4	385	177.8	357	162.6	323	145.2	448	198.8	404	177.6	415	180.3
Somervell	1	11.9	4	46.8	2	23.3	4	46.7	3	34.8	3	34.6	2	22.6	6	66.5
Starr	25	40.5	11	17.7	16	25.6	18	28.5	14	22.0	25	39.0	27	42.0	28	43.4
Stephens	1	10.5	2	20.8	1	10.7	1	10.7	10	106.5	5	53.3	7	75.2	8	84.8
Sterling	0	0.0	0	0.0	0	0.0	0	0.0	2	149.7	0	0.0	0	0.0	1	76.3
Stonewall	0	0.0	0	0.0	0	0.0	0	0.0	1	71.5	1	71.2	4	288.4	1	73.4
Sutton	0	0.0	1	25.5	2	50.2	1	25.2	3	76.6	2	51.5	1	26.3	2	53.2
Swisher	10	128.2	7	89.2	10	129.5	5	66.2	3	40.1	2	26.9	0	0.0	2	26.8
Tarrant	2,216	119.9	2,159	114.7	2,232	116.7	2,604	133.8	2,878	144.9	3,080	152.1	2,759	134.1	3,210	154.0
Taylor	146	109.9	127	94.7	125	93.3	146	108.1	292	214.5	272	199.6	343	250.9	177	128.6
Terrell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	121.4	0	0.0	0	0.0
Terry	18	142.2	11	87.1	15	118.0	7	54.7	36	282.2	24	187.8	30	240.8	28	227.9
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	37	114.0	32	98.1	17	52.1	15	46.1	20	61.2	22	67.5	28	85.4	28	84.8
Tom Green	135	120.8	122	107.7	214	186.6	245	210.6	213	181.3	253	215.1	299	254.1	273	231.0
Travis	1482	139.6	1646	150.0	1924	171.4	2,125	184.3	2,428	205.7	2,823	234.0	3,161	257.5	3,423	274.1
Trinity	1	6.8	8	55.7	10	69.2	9	62.9	8	55.0	14	96.2	7	47.6	5	33.9
Tyler	7	32.3	6	27.9	14	65.1	11	51.3	10	46.8	16	74.7	15	69.7	20	92.2
Upshur	33	83.1	23	57.6	29	72.9	37	91.8	28	69.4	35	85.8	39	94.8	16	38.8
Upton	0	0.0	0	0.0	3	88.6	3	86.1	4	109.4	0	0.0	6	163.9	7	190.7
Uvalde	12	45.1	36	134.6	18	66.9	36	133.1	27	100.1	15	55.4	11	40.6	8	29.8
Val Verde	17	34.7	20	40.8	26	53.0	27	55.2	24	49.0	25	51.0	16	32.6	33	67.1
Van Zandt	28	53.3	30	57.5	34	65.0	40	75.8	27	50.5	28	51.5	36	65.2	25	44.6
Victoria	98	111.9	117	131.3	150	166.5	142	155.9	105	113.9	96	103.8	113	122.7	151	164.1
Walker	63	92.1	120	174.9	132	190.2	89	127.0	99	139.7	88	122.4	106	146.4	122	168.3
Waller	38	86.2	48	108.2	43	94.6	29	62.0	40	82.2	72	143.8	40	78.0	49	92.2
Ward	8	75.0	21	194.0	7	62.5	9	77.8	19	163.3	7	60.4	19	166.3	15	128.0
Washington	34	100.1	50	147.4	45	131.6	60	174.4	44	126.3	47	135.3	48	137.5	48	136.7
Webb	68	26.6	61	23.4	87	32.9	96	35.9	88	32.6	118	43.3	128	46.7	117	42.4
Wharton	30	72.7	48	116.6	42	102.1	29	70.5	36	86.9	34	81.6	61	145.5	37	88.9
Wheeler	0	0.0	3	53.6	0	0.0	3	52.6	1	17.7	4	72.3	1	18.8	3	57.8
Wichita	157	120.0	226	171.6	221	167.2	152	114.6	152	116.0	283	215.3	342	259.3	224	169.6
Wilbarger	9	66.9	10	75.2	6	45.4	3	23.1	13	99.5	8	62.0	13	102.0	15	117.0
Willacy	6	27.1	17	76.5	12	54.4	14	63.7	4	18.3	9	41.3	9	41.7	6	27.9
Williamson	203	45.9	225	49.4	299	63.6	312	63.9	314	61.9	324	61.4	420	76.9	330	58.2
Wilson	24	55.0	25	56.4	18	39.8	16	34.7	11	23.3	28	58.1	41	83.3	26	51.8
Winkler	5	69.8	5	67.8	6	78.6	6	76.7	9	112.3	6	76.2	4	52.8	16	207.3
Wise	15	25.0	16	26.5	21	34.4	25	40.5	30	47.7	18	27.9	38	57.7	30	43.9
Wood	18	42.8	13	30.7	22	51.9	35	81.8	43	99.7	24	54.8	11	24.8	29	64.3
Yoakum	4	50.2	3	37.2	3	36.5	4	47.6	5	57.8	6	69.4	8	93.4	4	46.6
Young	4	21.8	3	16.4	2	10.9	11	60.2	6	33.0	12	66.3	11	61.2	22	121.9
Zapata	2	14.1	0	0.0	1	6.9	1	6.9	1	6.9	1	6.9	1	7.0	1	7.0
Zavala	1	8.4	3	25.0	4	32.8	5	40.8	8	64.9	1	8.2	1	8.4	3	25.0
Total	30,645	118.5	32,044	122.8	33,343	125.9	35,409	131.3	37,743	137.3	42,275	151.3	45,471	160.5	46,958	163.6

* Rates represent cases per 100,000 population.

Appendix C
Total Syphilis Cases and Rates
by County of Residence
2011-2018

Total Syphilis Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	6	10.3	9	15.5	7	12.1	1	1.7	11	19.1	9	15.6	12	20.6	46	79.2
Andrews	2	13.0	1	6.2	3	17.9	0	0.0	1	5.5	3	16.8	1	5.7	2	11.0
Angelina	17	19.5	10	11.4	17	19.5	9	10.3	13	14.8	16	18.2	20	22.8	20	23.0
Aransas	0	0.0	7	29.8	1	4.2	17	69.2	9	36.3	6	23.8	4	15.7	2	8.4
Archer	4	45.3	3	34.1	1	11.4	0	0.0	1	11.4	0	0.0	0	0.0	1	11.4
Armstrong	0	0.0	0	0.0	0	0.0	0	0.0	2	105.2	8	434.1	4	212.7	7	370.0
Atascosa	7	15.4	9	19.4	16	34.0	11	23.1	16	33.1	33	67.8	37	75.4	79	157.0
Austin	5	17.5	2	7.0	3	10.5	2	6.9	1	3.4	2	6.7	1	3.4	3	10.0
Bailey	0	0.0	0	0.0	0	0.0	1	14.3	1	13.8	0	0.0	2	28.4	2	28.5
Bandera	1	4.9	0	0.0	0	0.0	0	0.0	4	18.9	0	0.0	2	9.0	6	26.3
Bastrop	6	8.0	7	9.4	8	10.5	6	7.7	14	17.4	14	16.9	22	25.9	33	37.9
Baylor	0	0.0	0	0.0	0	0.0	0	0.0	1	27.7	0	0.0	0	0.0	0	0.0
Bee	18	55.7	4	12.3	21	64.0	21	63.9	6	18.4	13	39.6	8	24.5	16	49.1
Bell	34	10.8	52	16.0	116	35.5	106	32.1	84	25.0	88	25.8	100	28.7	137	38.5
Bexar	703	40.0	932	52.1	1110	60.9	898	48.3	965	50.9	1015	52.6	1287	65.7	1341	67.5
Blanco	2	18.9	0	0.0	0	0.0	0	0.0	0	0.0	5	44.2	1	8.7	2	17.1
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	0	0.0	1	5.5	0	0.0	1	5.6	0	0.0	0	0.0	2	10.9	1	5.4
Bowie	83	89.3	31	33.3	26	27.8	18	19.3	24	25.7	17	18.1	24	25.5	52	55.1
Brazoria	34	10.7	32	9.9	27	8.2	48	14.2	41	11.9	42	11.9	58	16.0	63	17.0
Brazos	27	13.7	14	7.0	20	9.8	35	16.7	32	14.8	44	20.0	59	26.4	69	30.4
Brewster	1	10.7	1	10.8	0	0.0	0	0.0	1	10.9	1	10.9	1	10.7	2	21.6
Briscoe	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	65.9	0	0.0
Brooks	0	0.0	0	0.0	1	13.8	1	13.8	5	69.4	0	0.0	2	28.0	0	0.0
Brown	0	0.0	1	2.6	1	2.7	3	8.0	2	5.3	1	2.6	4	10.6	1	2.6
Burleson	0	0.0	1	5.7	2	11.6	6	34.5	0	0.0	0	0.0	6	33.2	1	5.4
Burnet	6	13.9	2	4.6	7	16.1	5	11.4	6	13.4	8	17.4	14	30.0	9	18.9
Caldwell	5	13.0	5	12.9	6	15.3	17	42.8	11	27.2	20	48.6	21	49.5	21	48.6
Calhoun	1	4.7	2	9.3	1	4.6	1	4.6	2	9.1	1	4.6	3	13.8	4	18.6
Callahan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	14.3
Cameron	40	9.7	54	13.0	92	22.0	104	24.8	128	30.5	116	27.5	153	36.2	125	29.5
Camp	1	8.1	3	24.0	3	24.1	3	23.7	4	31.5	0	0.0	1	7.8	1	7.7
Carson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.4	1	16.6	2	33.3
Cass	21	69.4	8	26.6	2	6.6	3	10.0	5	16.6	3	10.0	4	13.3	3	10.0
Castro	0	0.0	0	0.0	1	12.3	0	0.0	0	0.0	1	12.8	1	12.9	0	0.0
Chambers	0	0.0	0	0.0	0	0.0	4	10.4	4	10.2	10	24.8	5	12.1	6	14.1
Cherokee	8	15.7	0	0.0	9	17.6	7	13.7	3	5.8	3	5.8	12	23.0	13	24.7
Childress	0	0.0	0	0.0	0	0.0	1	13.9	6	83.7	9	125.1	1	13.7	0	0.0
Clay	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0	0	0.0	1	9.5	1	9.6
Cochran	0	0.0	0	0.0	0	0.0	1	34.0	1	33.6	0	0.0	3	105.2	0	0.0
Coke	0	0.0	0	0.0	0	0.0	0	0.0	1	31.0	0	0.0	0	0.0	0	0.0
Coleman	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.9	1	11.9
Collin	59	7.3	97	11.6	67	7.8	91	10.3	119	13.0	148	15.7	142	14.6	175	17.4
Collingsworth	0	0.0	1	33.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Colorado	4	19.2	1	4.8	4	19.3	2	9.7	2	9.6	1	4.8	5	23.6	2	9.4
Comal	9	8.0	13	11.3	12	10.1	32	26.0	14	10.9	22	16.4	27	19.2	25	16.8
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	1	24.2	3	73.3	1	24.2	3	73.1	3	71.9	2	46.5	0	0.0	0	0.0
Cooke	3	7.8	1	2.6	1	2.6	1	2.6	3	7.7	2	5.1	3	7.5	4	9.9
Coryell	8	10.4	8	10.2	19	24.7	13	17.1	11	14.4	12	16.0	19	25.4	34	45.4
Cottle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	72.4	0	0.0
Crane	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.9	1	21.2	2	41.7
Crockett	0	0.0	0	0.0	0	0.0	3	79.2	1	26.8	0	0.0	0	0.0	0	0.0
Crosby	0	0.0	0	0.0	0	0.0	1	17.2	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	1	44.3	1	45.0	0	0.0	0	0.0
Dallam	0	0.0	0	0.0	1	14.0	0	0.0	1	13.7	0	0.0	0	0.0	0	0.0
Dallas	1311	54.4	1510	61.5	1408	56.7	1547	61.4	1607	62.8	1844	71.1	2,369	90.3	2,637	100.0
Dawson	0	0.0	2	14.7	1	7.6	0	0.0	0	0.0	2	15.4	2	15.7	2	15.8
Deaf Smith	1	5.1	0	0.0	4	20.8	6	31.3	13	69.0	12	63.5	1	5.3	7	37.3
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	32	4.7	54	7.6	59	8.1	76	10.1	102	13.1	162	20.1	191	22.9	183	21.3
DeWitt	1	4.9	2	9.8	1	4.9	1	4.9	2	9.7	6	29.1	4	19.8	5	24.8
Dickens	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	45.3	0	0.0
Dimmit	0	0.0	2	19.1	1	9.2	5	45.5	0	0.0	0	0.0	7	67.7	8	77.6

* Rates represent cases per 100,000 population.

Total Syphilis Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Duval	1	8.5	1	8.6	2	17.3	0	0.0	3	26.5	3	26.2	4	35.5	8	71.4
Eastland	0	0.0	1	5.4	0	0.0	0	0.0	0	0.0	0	0.0	1	5.5	1	5.5
Ector	16	115	20	13.8	17	11.4	19	12.3	39	24.4	52	33.0	37	23.5	69	42.6
Edwards	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	51.9
Ellis	31	20.3	23	15.0	24	15.4	23	14.4	16	9.8	25	14.8	22	12.7	33	18.4
El Paso	108	13.2	101	12.1	143	17.2	180	21.6	243	29.1	311	37.1	329	39.1	335	39.8
Erath	1	2.6	1	2.5	3	7.5	3	7.4	0	0.0	0	0.0	3	7.2	6	14.1
Falls	3	16.8	1	5.7	1	5.8	2	11.6	1	5.8	3	17.3	4	23.0	3	17.3
Fannin	2	5.9	2	6.0	6	17.9	10	29.8	7	20.9	5	14.7	6	17.4	4	11.3
Fayette	0	0.0	1	4.1	1	4.0	3	12.1	0	0.0	1	4.0	5	19.9	2	7.9
Fisher	0	0.0	0	0.0	1	25.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Floyd	1	15.7	1	15.8	0	0.0	0	0.0	0	0.0	0	0.0	2	34.1	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	83	13.7	79	12.6	54	8.3	98	14.3	113	15.8	129	17.4	147	19.2	148	18.8
Franklin	0	0.0	1	9.4	2	18.8	1	9.5	0	0.0	0	0.0	2	18.6	9	83.6
Freestone	1	5.1	1	5.1	2	10.2	1	5.1	1	5.1	2	10.2	4	20.4	3	15.1
Frio	1	5.7	3	16.7	7	38.0	8	42.2	6	31.1	6	31.0	5	25.6	11	55.5
Gaines	0	0.0	0	0.0	0	0.0	0	0.0	4	19.8	2	9.8	1	4.8	4	19.1
Galveston	67	22.7	59	19.6	57	18.6	59	18.8	62	19.3	66	20.1	77	23.0	72	21.3
Garza	10	152.1	9	139.8	16	250.3	3	46.5	7	109.1	8	123.0	6	91.5	4	60.8
Gillespie	1	4.0	0	0.0	2	7.9	2	7.8	1	3.9	6	22.8	3	11.3	4	14.9
Glasscock	1	80.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	72.0
Goliad	1	13.9	0	0.0	0	0.0	0	0.0	0	0.0	1	13.3	1	13.2	3	39.6
Gonzales	0	0.0	3	15.0	1	5.0	1	4.9	1	4.9	9	43.2	1	4.8	6	28.8
Gray	5	22.1	8	34.9	4	17.4	5	21.3	1	4.3	0	0.0	2	9.0	14	63.9
Grayson	8	6.6	7	5.7	23	18.8	7	5.7	7	5.6	10	7.8	15	11.4	15	11.2
Gregg	60	48.9	53	43.1	28	22.7	52	42.2	41	33.1	42	34.0	34	27.6	38	30.7
Grimes	1	3.8	1	3.7	1	3.7	3	11.1	4	14.6	4	14.5	4	14.3	6	21.2
Guadalupe	8	5.9	18	12.9	16	11.2	25	17.0	9	6.0	28	18.1	20	12.5	14	8.6
Hale	4	11.0	2	5.5	4	11.2	4	11.6	5	14.7	7	20.5	8	23.5	10	29.6
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	2	23.8	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	1	18.3
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	4	7.3	8	14.5	5	9.0	2	3.6	11	19.7	5	8.9	3	5.2	8	14.0
Harris	1598	38.2	2,004	47.0	1691	38.8	2,038	45.7	2,278	49.9	2,480	53.6	2,761	59.2	3,251	69.2
Harrison	14	21.1	11	16.6	4	6.0	11	16.5	7	10.5	7	10.5	9	13.5	9	13.5
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	1	17.1	0	0.0	0	0.0	0	0.0
Hays	19	11.6	20	11.9	25	14.2	40	21.6	48	24.7	46	22.5	61	28.5	68	30.5
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	2	2.5	3	3.8	4	5.1	2	2.5	0	0.0	10	12.5	13	16.0	15	18.2
Hidalgo	123	15.5	85	10.5	104	12.7	172	20.7	229	27.2	240	28.2	343	40.0	280	32.3
Hill	4	11.4	3	8.5	3	8.6	1	2.9	0	0.0	5	14.2	5	14.0	4	11.0
Hockley	2	8.7	0	0.0	3	12.8	2	8.5	1	4.3	4	17.4	1	4.3	2	8.7
Hood	3	5.8	3	5.8	6	11.3	1	1.9	2	3.6	3	5.3	4	6.9	11	18.2
Hopkins	2	5.7	1	2.8	0	0.0	3	8.4	0	0.0	2	5.5	4	11.0	4	10.9
Houston	2	8.5	0	0.0	2	8.8	2	8.8	3	13.2	4	17.5	4	17.3	2	8.6
Howard	1	2.9	4	11.3	11	30.4	16	43.7	22	59.0	42	114.2	22	60.8	30	82.3
Hudspeth	1	29.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hunt	4	4.6	9	10.3	8	9.1	6	6.8	6	6.7	13	14.1	14	14.9	16	16.6
Hutchinson	0	0.0	0	0.0	2	9.1	1	4.6	0	0.0	1	4.6	1	4.7	3	14.2
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	3	33.8	1	11.3	4	45.6	0	0.0	2	22.6
Jackson	0	0.0	4	28.0	3	20.5	1	6.8	0	0.0	2	13.4	3	20.2	1	6.7
Jasper	10	27.6	8	22.3	1	2.8	6	16.9	1	2.8	2	5.6	3	8.4	4	11.2
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	147	58.0	116	46.1	89	35.2	70	27.7	92	36.0	110	42.9	118	46.0	121	47.5
Jim Hogg	0	0.0	0	0.0	1	19.0	0	0.0	0	0.0	1	19.0	1	19.1	1	19.1
Jim Wells	1	2.4	1	2.4	2	4.8	3	7.2	5	12.0	0	0.0	0	0.0	1	2.4
Johnson	10	6.6	9	5.9	13	8.4	6	3.8	8	5.0	19	11.7	17	10.2	26	15.2
Jones	3	14.8	3	15.1	3	15.0	5	25.2	10	50.1	4	20.0	9	45.3	6	30.3
Karnes	2	13.4	2	13.5	0	0.0	5	33.5	1	6.5	1	6.5	3	19.3	5	31.9

* Rates represent cases per 100,000 population.

Total Syphilis Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	9	8.6	14	13.1	19	17.5	14	12.6	17	14.9	26	22.0	46	37.4	33	25.7
Kendall	1	2.9	2	5.6	4	10.8	5	13.0	2	5.0	5	11.9	3	6.8	7	15.3
Kenedy	0	0.0	0	0.0	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	0.0	0	0.0
Kerr	2	4.0	4	8.0	4	8.0	6	11.9	5	9.8	12	23.4	6	11.6	11	21.0
Kimble	0	0.0	0	0.0	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	0.0	0	0.0
Kinney	0	0.0	0	0.0	1	27.5	0	0.0	0	0.0	1	27.2	0	0.0	0	0.0
Kleberg	4	12.5	3	9.3	7	21.9	4	12.5	5	15.9	1	3.2	7	22.5	19	61.0
Knox	1	26.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	27.2	0	0.0
Lamar	4	8.0	1	2.0	1	2.0	5	10.1	4	8.1	6	12.1	6	12.1	5	10.1
Lamb	1	7.1	0	0.0	2	14.6	2	14.8	2	15.1	6	45.4	1	7.6	5	38.0
Lampasas	1	5.0	0	0.0	2	9.9	0	0.0	0	0.0	6	29.2	2	9.6	3	14.1
La Salle	0	0.0	1	14.0	5	67.1	1	13.4	5	65.4	1	13.1	2	26.4	1	13.3
Lavaca	2	10.4	0	0.0	0	0.0	0	0.0	3	15.1	2	10.1	2	10.0	4	19.9
Lee	0	0.0	1	6.1	0	0.0	0	0.0	0	0.0	1	5.9	1	5.8	1	5.8
Leon	0	0.0	0	0.0	1	6.0	5	29.9	2	11.7	2	11.6	4	23.2	2	11.6
Liberty	13	17.1	15	19.6	20	26.0	14	17.9	16	20.1	10	12.3	17	20.3	16	18.5
Limestone	3	12.7	8	33.8	5	21.3	3	12.7	2	8.5	3	12.8	6	25.5	4	17.0
Lipscomb	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Live Oak	1	8.7	1	8.6	1	8.5	1	8.3	1	8.2	1	8.3	4	32.8	1	8.2
Llano	0	0.0	1	5.2	0	0.0	0	0.0	1	5.0	2	9.7	1	4.7	1	4.6
Loving	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lubbock	40	14.1	50	17.5	44	15.2	38	12.9	58	19.4	122	40.4	109	35.8	97	31.6
Lynn	0	0.0	0	0.0	1	17.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
McCulloch	0	0.0	1	12.1	0	0.0	1	12.3	0	0.0	0	0.0	0	0.0	0	0.0
McLennan	33	13.9	21	8.8	26	10.8	15	6.2	36	14.7	41	16.6	44	17.5	65	25.5
McMullen	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Madison	5	36.4	1	7.3	0	0.0	2	14.4	4	28.6	2	14.2	3	21.0	2	13.9
Marion	0	0.0	0	0.0	3	29.2	1	9.8	2	19.7	1	9.9	2	19.9	0	0.0
Martin	0	0.0	0	0.0	1	19.0	1	18.3	0	0.0	0	0.0	0	0.0	1	17.4
Mason	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Matagorda	3	8.2	2	5.5	5	13.7	5	13.7	1	2.7	1	2.7	3	8.1	8	21.9
Maverick	10	18.1	7	12.5	6	10.6	12	21.0	8	13.8	12	20.6	11	18.9	8	13.7
Medina	5	10.8	4	8.5	8	16.9	8	16.7	14	28.9	8	16.2	14	27.9	8	15.7
Menard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Midland	10	7.1	14	9.5	12	7.9	16	10.2	22	13.6	28	17.1	26	15.7	42	24.3
Milam	0	0.0	1	4.1	1	4.2	0	0.0	0	0.0	2	8.1	2	8.0	6	23.9
Mills	0	0.0	0	0.0	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	2	22.2	2	22.0	2	22.6	0	0.0	2	24.3	1	12.3
Montague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	10.3	1	5.1
Montgomery	37	7.8	46	9.5	38	7.6	41	7.9	65	12.1	60	10.8	75	13.1	78	13.2
Moore	0	0.0	1	4.5	2	9.0	2	9.1	2	9.2	1	4.6	1	4.6	0	0.0
Morris	1	7.8	2	15.7	1	7.9	5	39.7	1	8.1	1	8.0	2	16.2	2	16.2
Motley	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nacogdoches	3	4.6	10	15.2	6	9.2	8	12.3	18	27.5	13	19.8	17	25.9	15	22.8
Navarro	10	20.8	5	10.4	7	14.6	11	22.9	6	12.4	3	6.2	12	24.6	10	20.2
Newton	5	34.3	2	13.9	2	13.9	2	14.0	0	0.0	2	14.1	0	0.0	5	36.4
Nolan	0	0.0	1	6.7	1	6.6	1	6.6	0	0.0	0	0.0	0	0.0	1	6.8
Nueces	58	16.9	92	26.4	66	18.7	67	18.8	90	25.0	116	32.1	213	59.0	301	83.1
Ochiltree	0	0.0	0	0.0	1	9.3	0	0.0	0	0.0	0	0.0	2	19.9	1	10.1
Oldham	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Orange	22	26.7	12	14.5	13	15.7	8	9.6	17	20.3	10	11.8	13	15.3	26	31.1
Palo Pinto	2	7.1	3	10.8	0	0.0	0	0.0	2	7.2	3	10.7	2	7.0	16	55.4
Panola	1	4.2	2	8.3	3	12.6	1	4.2	2	8.5	6	25.6	4	17.2	2	8.6
Parker	5	4.2	3	2.5	7	5.8	4	3.3	9	7.2	10	7.7	18	13.5	19	13.7
Parmer	0	0.0	0	0.0	3	30.0	1	10.0	4	40.7	2	20.4	1	10.2	0	0.0
Pecos	1	6.4	1	6.4	4	25.5	0	0.0	0	0.0	1	6.3	5	32.0	1	6.4
Polk	6	13.2	0	0.0	4	8.8	9	19.6	3	6.4	4	8.4	4	8.2	4	8.0
Potter	5	4.1	22	17.9	23	18.8	19	15.6	35	28.8	83	68.7	68	56.4	54	45.1
Presidio	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	28.0	1	14.4
Rains	0	0.0	0	0.0	0	0.0	0	0.0	1	9.0	1	8.8	0	0.0	3	24.7
Randall	2	16	7	5.6	8	6.3	9	7.0	13	10.0	17	12.8	12	8.9	17	12.5
Reagan	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.

Total Syphilis Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	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	1	7.9	1	7.9	0	0.0	2	16.1	1	8.1	0	0.0	1	8.2	2	16.4
Reeves	4	29.0	5	35.7	15	105.5	13	89.3	26	173.9	26	171.9	8	52.3	7	44.6
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	2	12.0	2	12.2	4	24.3	6	36.4	1	6.0	2	11.9	5	29.1	5	28.9
Rockwall	5	6.2	5	6.0	5	5.9	9	10.3	8	8.9	9	9.6	13	13.4	18	17.9
Runnels	0	0.0	1	9.7	0	0.0	0	0.0	1	9.6	1	9.7	0	0.0	3	29.3
Rusk	15	27.9	8	14.9	12	22.5	6	11.3	16	30.2	12	22.7	5	9.2	45	82.6
Sabine	1	9.3	4	38.0	2	19.2	0	0.0	0	0.0	1	9.6	3	28.7	0	0.0
San Augustine	2	22.7	0	0.0	1	11.5	0	0.0	3	35.9	1	12.1	4	48.2	1	12.1
San Jacinto	2	7.5	4	14.8	1	3.7	2	7.4	2	7.3	1	3.6	6	21.2	6	20.9
San Patricio	2	3.1	4	6.1	10	15.1	13	19.5	7	10.4	5	7.4	5	7.4	11	16.4
San Saba	0	0.0	0	0.0	1	16.8	0	0.0	0	0.0	0	0.0	2	33.2	1	16.5
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	1	5.7	2	11.5	0	0.0	1	5.9
Shackelford	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	29.9	1	30.3	0	0.0
Shelby	3	11.7	7	26.8	2	7.7	3	11.7	4	15.7	4	15.6	3	11.9	1	3.9
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	51	24.0	32	14.9	38	17.6	24	10.9	37	16.6	42	18.6	48	21.1	58	25.2
Somervell	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.3	2	22.2
Starr	3	4.9	7	11.3	4	6.4	5	7.9	6	9.4	5	7.8	4	6.2	7	10.8
Stephens	2	21.0	2	20.8	2	21.3	1	10.7	5	53.2	1	10.7	2	21.5	1	10.6
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	1	25.5	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	1	12.9	0	0.0	1	13.4	0	0.0	0	0.0	0	0.0
Tarrant	358	19.4	428	22.7	425	22.2	401	20.6	468	23.6	544	26.9	675	32.8	778	37.3
Taylor	14	10.5	13	9.7	11	8.2	2	1.5	12	8.8	26	19.1	23	16.8	31	22.5
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	7.9	2	15.8	1	7.9	3	23.4	5	39.2	6	47.0	1	8.0	8	65.1
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	5	15.4	5	15.3	0	0.0	1	3.1	4	12.2	1	3.1	3	9.1	5	15.1
Tom Green	13	11.6	8	7.1	36	31.4	25	21.5	19	16.2	17	14.5	19	16.1	39	33.0
Travis	364	34.3	413	37.6	449	40.0	556	48.2	506	42.9	688	57.0	773	63.0	792	63.4
Trinity	1	6.8	4	27.8	1	6.9	2	14.0	1	6.9	0	0.0	1	6.8	2	13.6
Tyler	4	18.5	4	18.6	2	9.3	1	4.7	2	9.4	0	0.0	0	0.0	2	9.2
Upshur	5	12.6	4	10.0	1	2.5	4	9.9	3	7.4	3	7.4	4	9.7	7	17.0
Upton	0	0.0	0	0.0	0	0.0	1	28.7	0	0.0	0	0.0	0	0.0	0	0.0
Uvalde	0	0.0	1	3.7	4	14.9	1	3.7	2	7.4	2	7.4	13	48.0	14	52.1
Val Verde	3	6.1	12	24.5	7	14.3	15	30.7	10	20.4	9	18.4	11	22.4	12	24.4
Van Zandt	2	3.8	6	11.5	4	7.6	1	1.9	3	5.6	4	7.4	1	1.8	7	12.5
Victoria	22	25.1	11	12.3	18	20.0	22	24.2	11	11.9	9	9.7	11	11.9	17	18.5
Walker	22	32.2	20	29.2	16	23.1	39	55.6	20	28.2	17	23.6	25	34.5	20	27.6
Waller	27	61.2	11	24.8	10	22.0	11	23.5	9	18.5	9	18.0	8	15.6	4	7.5
Ward	0	0.0	0	0.0	0	0.0	0	0.0	3	25.8	1	8.6	0	0.0	4	34.1
Washington	1	2.9	2	5.9	4	11.7	1	2.9	3	8.6	5	14.4	4	11.5	4	11.4
Webb	43	16.8	41	15.7	38	14.4	63	23.5	75	27.8	61	22.4	98	35.8	86	31.2
Wharton	5	12.1	3	7.3	5	12.2	9	21.9	10	24.1	5	12.0	5	11.9	2	4.8
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	15	11.5	8	6.1	5	3.8	16	12.1	35	26.7	21	16.0	22	16.7	22	16.7
Wilbarger	1	7.4	0	0.0	0	0.0	0	0.0	3	23.0	1	7.7	1	7.8	1	7.8
Willacy	5	22.6	23	103.5	21	95.3	18	81.9	13	59.4	4	18.3	6	27.8	11	51.1
Williamson	32	7.2	31	6.8	36	7.7	36	7.4	38	7.5	77	14.6	77	14.1	71	12.5
Wilson	4	9.2	3	6.8	9	19.9	10	21.7	5	10.6	2	4.1	6	12.2	4	8.0
Winkler	0	0.0	0	0.0	1	13.1	0	0.0	2	25.0	1	12.7	0	0.0	0	0.0
Wise	3	5.0	3	5.0	2	3.3	0	0.0	1	1.6	6	9.3	7	10.6	8	11.7
Wood	1	2.4	7	16.5	5	11.8	0	0.0	2	4.6	2	4.6	5	11.3	1	2.2
Yoakum	0	0.0	2	24.8	0	0.0	0	0.0	2	23.1	4	46.2	2	23.4	3	34.9
Young	1	5.4	2	10.9	0	0.0	0	0.0	1	5.5	0	0.0	1	5.6	7	38.8
Zapata	2	14.1	1	7.0	0	0.0	0	0.0	0	0.0	1	6.9	0	0.0	3	21.1
Zavala	3	25.3	0	0.0	1	8.2	0	0.0	1	8.1	0	0.0	0	0.0	5	41.7
Total	6,183	24.1	7,087	27.2	7,055	26.6	7,688	28.5	8,449	30.7	9,703	34.7	11,488	40.6	12,900	44.9

* Rates represent cases per 100,000 population.

Appendix D
Primary and Secondary Syphilis Cases and Rates
by County of Residence
2011-2018

P&S Syphilis Cases and Rates by County of Residence, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Anderson	1	1.7	0	0.0	0	0.0	0	0.0	2	3.5	3	5.2	0	0.0	1	1.7
Andrews	2	3.0	0	0.0	1	6.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.5
Angelina	6	6.9	1	1.1	2	2.3	0	0.0	3	3.4	1	1.1	10	11.4	5	5.7
Aransas	0	0.0	2	8.5	0	0.0	7	28.5	3	12.1	1	4.0	1	3.9	0	0.0
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	2	105.2	2	108.5	0	0.0	1	52.9
Atascosa	1	2.2	2	4.3	5	10.6	3	6.3	4	8.3	5	10.3	2	4.1	3	6.0
Austin	2	7.0	1	3.5	0	0.0	0	0.0	0	0.0	1	3.4	0	0.0	0	0.0
Bailey	0	0.0	0	0.0	0	0.0	1	14.3	0	0.0	0	0.0	1	14.2	0	0.0
Bandera	0	0.0	0	0.0	0	0.0	0	0.0	2	9.5	0	0.0	0	0.0	1	4.4
Bastrop	2	2.7	1	1.3	1	1.3	2	2.6	4	5.0	3	3.6	5	5.9	8	9.2
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	1	3.0	1	3.0	0	0.0	0	0.0	1	3.1	0	0.0
Bell	5	16	17	5.2	32	9.8	22	6.7	21	6.2	20	5.9	24	6.9	31	8.7
Bexar	193	110	309	17.3	301	16.5	221	11.9	224	11.8	227	11.8	308	15.7	273	13.7
Blanco	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.8	1	8.7	1	8.5
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	0	0.0	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	0	0.0
Bowie	18	19.4	6	6.4	1	1.1	2	2.1	6	6.4	2	2.1	5	5.3	13	13.8
Brazoria	9	2.8	6	1.9	5	1.5	7	2.1	8	2.3	6	1.7	6	1.7	12	3.2
Brazos	4	2.0	5	2.5	5	2.4	15	7.2	6	2.8	10	4.5	11	4.9	9	4.0
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	1	14.0	0	0.0
Brown	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	0	0.0	1	2.6	0	0.0
Burleson	0	0.0	1	5.7	1	5.8	2	11.5	0	0.0	0	0.0	0	0.0	1	5.4
Burnet	0	0.0	0	0.0	0	0.0	0	0.0	1	2.2	2	4.4	2	4.3	0	0.0
Caldwell	0	0.0	1	2.6	0	0.0	6	15.1	3	7.4	2	4.9	2	4.7	2	4.6
Calhoun	0	0.0	1	4.6	0	0.0	1	4.6	0	0.0	0	0.0	0	0.0	2	9.3
Callahan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1
Cameron	0	0.0	2	0.5	2	0.5	4	10	8	19	4	0.9	2	0.5	2	0.5
Camp	0	0.0	0	0.0	0	0.0	1	7.9	0	0.0	0	0.0	0	0.0	0	0.0
Carson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	16.4	0	0.0	0	0.0
Cass	3	9.9	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0	3	10.0
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	0	0.0	0	0.0	1	2.6	1	2.6	1	2.5	0	0.0	1	2.4
Cherokee	2	3.9	0	0.0	1	2.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Childress	0	0.0	0	0.0	0	0.0	0	0.0	1	14.0	0	0.0	0	0.0	0	0.0
Clay	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0	0	0.0	0	0.0	0	0.0
Cochran	0	0.0	0	0.0	0	0.0	0	0.0	1	33.6	0	0.0	0	0.0	0	0.0
Coke	0	0.0	0	0.0	0	0.0	0	0.0	1	31.0	0	0.0	0	0.0	0	0.0
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	5	0.6	18	2.2	13	1.5	7	0.8	16	1.7	31	3.3	21	2.2	30	3.0
Collingsworth	0	0.0	1	33.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Colorado	1	4.8	1	4.8	1	4.8	1	4.8	1	4.8	0	0.0	0	0.0	0	0.0
Comal	0	0.0	5	4.4	4	3.4	7	5.7	0	0.0	6	4.5	4	2.8	2	1.3
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	2	5.1	2	5.0	1	2.5
Coryell	1	1.3	1	1.3	4	5.2	1	1.3	0	0.0	0	0.0	1	1.3	4	5.3
Cottle	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	72.4	0	0.0
Crane	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.9	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	0	0.0	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	1	45.0	0	0.0	0	0.0
Dallam	0	0.0	0	0.0	0	0.0	0	0.0	1	13.7	0	0.0	0	0.0	0	0.0
Dallas	180	7.5	198	8.1	252	10.1	294	11.7	281	11.0	357	13.8	395	15.1	377	14.3
Dawson	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	15.4	1	7.8	1	7.9
Deaf Smith	0	0.0	0	0.0	0	0.0	4	20.9	0	0.0	1	5.3	1	5.3	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	3	0.4	9	1.3	8	1.1	20	2.7	17	2.2	26	3.2	26	3.1	22	2.6
DeWitt	0	0.0	0	0.0	0	0.0	0	0.0	1	4.8	0	0.0	0	0.0	0	0.0
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, 2011-2018

County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Donley	0	0.0	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	1	8.6	0	0.0	1	8.8	0	0.0	0	0.0	1	8.9
Eastland	0	0.0	1	5.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ector	2	14	4	2.8	3	2.0	4	2.6	15	9.4	17	10.8	9	5.7	22	13.6
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	2	13	4	2.6	4	2.6	3	1.9	2	1.2	6	3.6	4	2.3	8	4.5
El Paso	14	17	18	2.2	25	3.0	31	3.7	67	8.0	121	14.4	104	12.4	102	12.1
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	0	0.0	0	0.0	0	0.0	0	0.0	1	5.8	0	0.0	1	5.8
Fannin	0	0.0	0	0.0	0	0.0	2	6.0	0	0.0	1	2.9	0	0.0	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	1	15.7	0	0.0	0	0.0	0	0.0	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	17	2.8	19	3.0	13	2.0	23	3.4	28	3.9	23	3.1	24	3.1	29	3.7
Franklin	0	0.0	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	0	0.0	0	0.0	0	0.0	1	5.1	0	0.0	0	0.0
Frio	0	0.0	0	0.0	0	0.0	1	5.3	0	0.0	0	0.0	1	5.1	0	0.0
Gaines	0	0.0	0	0.0	0	0.0	0	0.0	3	14.8	2	9.8	0	0.0	1	4.8
Galveston	10	3.4	7	2.3	9	2.9	7	2.2	7	2.2	5	1.5	4	1.2	12	3.6
Garza	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	15.2	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	1	3.7
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	1	13.9	0	0.0	0	0.0	0	0.0	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	1	4.9	0	0.0	0	0.0	1	4.8
Gray	0	0.0	2	8.7	0	0.0	0	0.0	0	0.0	0	0.0	1	4.5	2	9.1
Grayson	0	0.0	0	0.0	1	0.8	0	0.0	1	0.8	1	0.8	3	2.3	3	2.2
Gregg	10	8.2	11	8.9	6	4.9	9	7.3	9	7.3	6	4.9	4	3.2	5	4.0
Grimes	0	0.0	0	0.0	0	0.0	1	3.7	0	0.0	0	0.0	0	0.0	2	7.1
Guadalupe	1	0.7	4	2.9	3	2.1	6	4.1	3	2.0	6	3.9	4	2.5	1	0.6
Hale	3	8.2	0	0.0	0	0.0	1	2.9	1	2.9	0	0.0	0	0.0	1	3.0
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	1	11.9	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	1	1.8	6	10.9	1	1.8	1	1.8	0	0.0	2	3.6	1	1.7	3	5.2
Harris	267	6.4	495	11.6	307	7.0	375	8.4	390	8.5	349	7.5	326	7.0	564	12.0
Harrison	2	3.0	4	6.0	3	4.5	1	1.5	1	1.5	1	1.5	3	4.5	0	0.0
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	6	3.7	5	3.0	3	1.7	14	7.6	13	6.7	18	8.8	16	7.5	18	8.1
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	1.2	4	4.9	1	1.2
Hidalgo	4	0.5	2	0.2	1	0.1	7	0.8	8	1.0	1	0.1	2	0.2	7	0.8
Hill	1	2.8	0	0.0	0	0.0	0	0.0	0	0.0	1	2.8	1	2.8	3	8.3
Hockley	0	0.0	0	0.0	1	4.3	1	4.3	1	4.3	2	8.7	0	0.0	2	8.7
Hood	0	0.0	0	0.0	4	7.6	0	0.0	1	1.8	0	0.0	1	1.7	1	1.7
Hopkins	0	0.0	0	0.0	0	0.0	1	2.8	0	0.0	0	0.0	0	0.0	0	0.0
Houston	0	0.0	0	0.0	1	4.4	1	4.4	0	0.0	1	4.4	1	4.3	0	0.0
Howard	0	0.0	0	0.0	0	0.0	0	0.0	1	2.7	5	13.6	5	13.8	3	8.2
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	3	3.4	0	0.0	1	1.1	1	1.1	1	1.1	1	1.1	0	0.0
Hutchinson	0	0.0	0	0.0	1	4.6	0	0.0	0	0.0	0	0.0	0	0.0	1	4.7
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	1	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Jasper	0	0.0	1	2.8	0	0.0	1	2.8	0	0.0	2	5.6	0	0.0	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	48	18.9	35	13.9	18	7.1	21	8.3	18	7.1	21	8.2	28	10.9	39	15.3
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	1	2.4	1	2.4	0	0.0	0	0.0	0	0.0
Johnson	3	2.0	2	1.3	4	2.6	2	1.3	2	1.3	3	1.8	2	1.2	4	2.3
Jones	3	14.8	0	0.0	0	0.0	0	0.0	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	1	6.5	0	0.0	0	0.0	1	6.4

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	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Kaufman	1	10	1	0.9	4	3.7	0	0	2	1.8	4	3.4	7	5.7	5	3.9
Kendall	1	2.9	0	0.0	0	0.0	2	5.2	1	2.5	1	2.4	1	2.3	3	6.6
Kenedy	0	0.0	0	0.0	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	0.0	0	0.0
Kerr	0	0.0	0	0.0	2	4.0	2	4.0	2	3.9	1	1.9	0	0.0	0	0.0
Kimble	0	0.0	0	0.0	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	0.0	0	0.0
Kinney	0	0.0	0	0.0	1	27.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Kleberg	0	0.0	1	3.1	0	0.0	2	6.3	1	3.2	0	0.0	3	9.6	3	9.6
Knox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lamar	0	0.0	0	0.0	0	0.0	0	0.0	1	2.0	0	0.0	1	2.0	0	0.0
Lamb	0	0.0	0	0.0	1	7.3	0	0.0	1	7.5	3	22.7	0	0.0	2	15.2
Lampasas	1	5.0	0	0.0	1	5.0	0	0.0	0	0.0	2	9.7	1	4.8	1	4.7
La Salle	0	0.0	0	0.0	1	13.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lavaca	0	0.0	0	0.0	0	0.0	0	0.0	2	10.0	0	0.0	0	0.0	0	0.0
Lee	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Leon	0	0.0	0	0.0	0	0.0	2	11.9	1	5.9	0	0.0	1	5.8	0	0.0
Liberty	1	13	1	13	1	13	0	0.0	2	2.5	0	0.0	5	6.0	5	5.8
Limestone	0	0.0	1	4.2	0	0.0	0	0.0	0	0.0	0	0.0	2	8.5	2	8.5
Lipscomb	0	0.0	0	0.0	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	1	8.3	1	8.2	0	0.0
Llano	0	0.0	0	0.0	0	0.0	0	0.0	1	5.0	0	0.0	1	4.7	0	0.0
Loving	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Lubbock	10	3.5	18	6.3	15	5.2	8	2.7	13	4.4	43	14.2	49	16.1	42	13.7
Lynn	0	0.0	0	0.0	0	0.0	0	0.0	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	0.0	0	0.0
McLennan	9	3.8	0	0.0	6	2.5	2	0.8	11	4.5	8	3.2	12	4.8	22	8.6
McMullen	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Madison	2	14.5	0	0.0	0	0.0	1	7.2	0	0.0	1	7.1	0	0.0	0	0.0
Marion	0	0.0	0	0.0	0	0.0	1	9.8	0	0.0	0	0.0	1	9.9	0	0.0
Martin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	17.4
Mason	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Matagorda	1	2.7	0	0.0	0	0.0	0	0.0	1	2.7	0	0.0	0	0.0	2	5.5
Maverick	2	3.6	0	0.0	2	3.5	1	1.7	2	3.5	0	0.0	0	0.0	0	0.0
Medina	1	2.2	0	0.0	2	4.2	1	2.1	2	4.1	2	4.1	2	4.0	1	2.0
Menard	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Midland	2	14	2	14	1	0.7	3	19	6	3.7	9	5.5	8	4.8	12	7.0
Milam	0	0.0	1	4.1	0	0.0	0	0.0	0	0.0	1	4.1	0	0.0	2	8.0
Mills	0	0.0	0	0.0	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	0.0	0	0.0
Montague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.1	0	0.0
Montgomery	3	0.6	17	3.5	13	2.6	9	1.7	16	3.0	14	2.5	10	1.7	22	3.7
Moore	0	0.0	0	0.0	1	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Morris	0	0.0	0	0.0	0	0.0	0	0.0	1	8.1	0	0.0	0	0.0	1	8.1
Motley	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Nacogdoches	0	0.0	1	1.5	1	1.5	3	4.6	7	10.7	3	4.6	7	10.7	4	6.1
Navarro	0	0.0	0	0.0	1	2.1	4	8.3	0	0.0	1	2.1	2	4.1	2	4.0
Newton	1	6.9	0	0.0	1	7.0	1	7.0	0	0.0	0	0.0	0	0.0	0	0.0
Nolan	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.8
Nueces	23	6.7	38	10.9	23	6.5	21	5.9	27	7.5	44	12.2	64	17.7	105	29.0
Ochiltree	0	0.0	0	0.0	1	9.3	0	0.0	0	0.0	0	0.0	1	9.9	0	0.0
Oldham	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Orange	8	9.7	1	1.2	2	2.4	1	1.2	4	4.8	2	2.4	2	2.4	11	13.2
Palo Pinto	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.5
Panola	0	0.0	0	0.0	0	0.0	1	4.2	1	4.2	1	4.3	1	4.3	0	0.0
Parker	0	0.0	1	0.8	4	3.3	1	0.8	1	0.8	2	1.5	4	3.0	2	1.4
Parmer	0	0.0	0	0.0	1	10.0	1	10.0	1	10.2	0	0.0	1	10.2	0	0.0
Pecos	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	12.8	1	6.4
Polk	2	4.4	0	0.0	0	0.0	1	2.2	1	2.1	1	2.1	1	2.0	1	2.0
Potter	0	0.0	4	3.3	2	1.6	3	2.5	9	7.4	22	18.2	13	10.8	9	7.5
Presidio	0	0.0	0	0.0	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	0.0	0	0.0
Randall	1	0.8	2	1.6	3	2.4	0	0.0	3	2.3	6	4.5	0	0.0	5	3.7
Reagan	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, 2011-2018

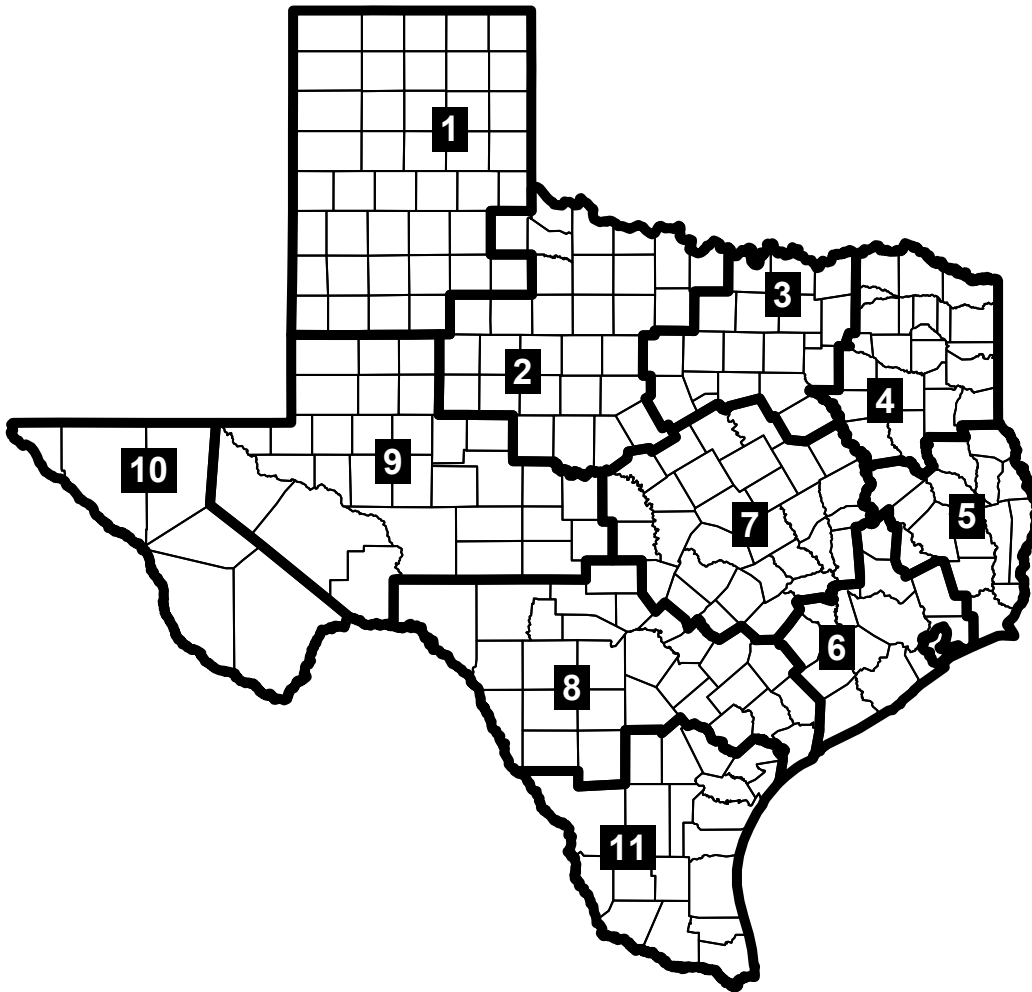
County	2011		2012		2013		2014		2015		2016		2017		2018	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Real	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Red River	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	8.2
Reeves	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.6	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	1	6.0	0	0.0	0	0.0	2	12.1	0	0.0	1	5.9	0	0.0	0	0.0
Rockwall	0	0.0	2	2.4	0	0.0	4	4.6	0	0.0	1	1.1	4	4.1	4	4.0
Runnels	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	9.8
Rusk	1	1.9	3	5.6	0	0.0	0	0.0	4	7.5	1	1.9	1	1.8	2	3.7
Sabine	0	0.0	1	9.5	0	0.0	0	0.0	0	0.0	0	0.0	1	9.6	0	0.0
San Augustine	0	0.0	0	0.0	0	0.0	0	0.0	1	12.0	0	0.0	1	12.1	0	0.0
San Jacinto	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.0
San Patricio	1	1.6	1	1.5	4	6.0	7	10.5	4	6.0	2	3.0	1	1.5	6	9.0
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	0	0.0	1	3.8	0	0.0	2	7.8	0	0.0	1	3.9	2	7.9	1	3.9
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	4	1.9	4	1.9	4	1.8	1	0.5	6	2.7	9	4.0	4	1.8	11	4.8
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	0	0.0	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	124	6.7	163	8.7	152	7.9	162	8.3	165	8.3	126	6.2	194	9.4	284	13.6
Taylor	5	3.8	2	1.5	0	0.0	0	0.0	1	0.7	2	1.5	4	2.9	3	2.2
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	0	0.0	1	7.9	0	0.0	0	0.0	0	0.0	1	7.8	0	0.0	1	8.1
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	0	0.0	0	0.0	0	0.0	0	0.0	1	3.1	0	0.0	1	3.0	2	6.1
Tom Green	2	1.8	2	1.8	6	5.2	1	0.9	11	9.4	4	3.4	7	5.9	10	8.5
Travis	101	9.5	133	12.1	138	12.3	188	16.3	180	15.3	282	23.4	296	24.1	245	19.6
Trinity	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tyler	2	9.2	1	4.7	1	4.7	0	0.0	1	4.7	0	0.0	0	0.0	1	4.6
Upshur	0	0.0	1	2.5	0	0.0	2	5.0	0	0.0	1	2.5	1	2.4	1	2.4
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	1	3.7	0	0.0	1	3.7	0	0.0	3	11.1	0	0.0
Val Verde	0	0.0	1	2.0	1	2.0	1	2.0	0	0.0	0	0.0	1	2.0	0	0.0
Van Zandt	1	1.9	0	0.0	1	1.9	0	0.0	1	1.9	1	1.8	1	1.8	0	0.0
Victoria	1	1.1	2	2.2	4	4.4	6	6.6	2	2.2	1	1.1	1	1.1	1	1.1
Walker	8	11.7	2	2.9	0	0.0	10	14.3	2	2.8	4	5.6	4	5.5	3	4.1
Waller	9	20.4	2	4.5	2	4.4	1	2.1	1	2.1	2	4.0	2	3.9	1	1.9
Ward	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	17.1
Washington	0	0.0	1	2.9	1	2.9	0	0.0	0	0.0	2	5.8	0	0.0	2	5.7
Webb	0	0.0	1	0.4	2	0.8	1	0.4	4	1.5	4	1.5	2	0.7	0	0.0
Wharton	0	0.0	0	0.0	0	0.0	1	2.4	4	9.7	1	2.4	0	0.0	0	0.0
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	0	0.0	0	0.0	3	2.3	4	3.1	4	3.0	5	3.8	1	0.8
Wilbarger	0	0.0	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	1	4.6	1	4.6	1	4.6	0	0.0	0	0.0
Williamson	6	1.4	11	2.4	11	2.3	9	1.8	9	1.8	17	3.2	22	4.0	21	3.7
Wilson	0	0.0	0	0.0	2	4.4	2	4.3	1	2.1	0	0.0	1	2.0	0	0.0
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	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	2	2.9
Wood	1	2.4	2	4.7	0	0.0	0	0.0	0	0.0	1	2.3	0	0.0	1	2.2
Yoakum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.6
Young	1	5.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	11.1
Zapata	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.0
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	1,175	4.6	1,638	6.3	1,471	5.6	1,623	6.0	1,720	6.3	1,959	7.0	2,149	7.6	2,528	8.8

* Rates represent cases per 100,000 population.

Appendix E

Additional Geographic Breakdowns and Rankings

Texas Public Health Regions



STD Cases and Rate by Public Health Region, 2018

Public Health Region	Chlamydia		Gonorrhea		P&S Syphilis		Congenital Syph.	Total Syphilis	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Cases	Rate*
Region 1	5,535	634.1	2,575	295.0	65	7.4	2	237	27.2
Region 2	1,945	353.7	627	114.0	9	1.6	3	84	15.3
Region 3	37,968	482.4	13,550	172.2	746	9.5	95	3,994	50.7
Region 4	4,807	416.8	1,798	155.9	42	3.6	10	325	28.2
Region 5	3,512	449.8	1,221	156.4	67	8.6	2	217	27.8
Region 6	36,868	514.3	11,031	153.9	651	9.1	113	3,671	51.2
Region 7	21,349	607.2	7,320	208.2	376	10.7	15	1,352	38.5
Region 8	14,120	470.1	4,707	156.7	291	9.7	67	1,606	53.5
Region 9	3,076	471.7	967	148.3	54	8.3	1	204	31.3
Region 10	5,768	665.9	1,149	132.6	102	11.8	7	338	39.0
Region 11	10,926	481.9	2,013	88.8	125	5.5	52	872	38.5
State Total	145,874	508.2	46,958	163.6	2,528	8.8	367	12,900	44.9

* Rates represent cases per 100,000 population.

50 Cities with the Highest STD Case Numbers, 2018

	City of Residence	Chlamydia	Gonorrhea	P&S Syphilis
1	Houston	21,981	7,426	473
2	Dallas	11,271	4,726	254
3	San Antonio	9,718	3,662	268
4	Austin	7,963	3,133	222
5	Fort Worth	5,059	1,742	130
6	El Paso	5,061	1,025	97
7	Lubbock	2,418	1,206	38
8	Corpus Christi	2,474	816	94
9	Arlington	2,314	776	83
10	Killeen	1,641	696	16
11	Amarillo	1,515	800	14
12	Waco	1,459	642	15
13	Irving	1,356	497	28
14	Grand Prairie	1,160	404	16
15	Garland	1,164	369	16
16	Beaumont	1,037	405	28
17	Mesquite	1,042	340	23
18	Spring	1,112	239	19
19	Laredo	1,223	117	0
20	Tyler	944	371	7
21	Katy	1,017	227	13
22	Humble	902	279	19
23	San Marcos	982	197	11
24	Brownsville	1,040	116	1
25	Plano	863	261	7
26	Denton	836	277	8
27	Odessa	812	261	22
28	Midland	829	226	12
29	Longview	745	288	3
30	San Angelo	729	268	10
31	College Station	796	202	2
32	Round Rock	770	177	11
33	Pasadena	782	166	10
34	Bryan	664	205	7
35	Huntsville	650	137	5
36	Temple	572	207	8
37	Conroe	621	138	9
38	Fort Hood	609	154	2
39	Edinburg	655	92	0
40	Cypress	584	156	7
41	Missouri City	551	167	9
42	Wichita Falls	515	203	1
43	Lewisville	529	181	7
44	McKinney	541	162	11
45	Baytown	581	119	7
46	Texarkana	460	233	10
47	Abilene	511	171	3
48	Richmond	550	105	6
49	Desoto	458	180	2
50	Carrollton	472	157	8
	Total	102,538	35,104	2,072

25 Counties with the Highest STD Case Numbers, 2018

Rank	Chlamydia		Gonorrhea		P&S Syphilis		Total Syphilis	
	County	Cases	County	Cases	County	Cases	County	Cases
1	Harris	27,415	Harris	8,730	Harris	564	Harris	3,251
2	Dallas	19,017	Dallas	7,486	Dallas	377	Dallas	2,637
3	Bexar	10,539	Bexar	3,876	Tarrant	284	Bexar	1,341
4	Tarrant	9,571	Travis	3,423	Bexar	273	Travis	792
5	Travis	9,033	Tarrant	3,210	Travis	245	Tarrant	778
6	El Paso	5,699	Lubbock	1,254	Nueces	105	El Paso	335
7	Hidalgo	3,387	Bell	1,245	El Paso	102	Nueces	301
8	Bell	3,346	El Paso	1,137	Lubbock	42	Hidalgo	280
9	Fort Bend	3,221	Collin	897	Jefferson	39	Denton	183
10	Collin	2,860	Nueces	871	Bell	31	Collin	175
11	Nueces	2,734	McLennan	795	Collin	30	Fort Bend	148
12	Lubbock	2,536	Fort Bend	794	Fort Bend	29	Bell	137
13	Denton	2,397	Denton	772	Montgomery	22	Cameron	125
14	Cameron	2,074	Potter	651	McLennan	22	Jefferson	121
15	McLennan	1,895	Jefferson	588	Ector	22	Lubbock	97
16	Montgomery	1,595	Galveston	469	Denton	22	Webb	86
17	Galveston	1,556	Hidalgo	458	Williamson	21	Atascosa	79
18	Jefferson	1,476	Smith	415	Hays	18	Montgomery	78
19	Brazos	1,462	Brazos	409	Bowie	13	Galveston	72
20	Brazoria	1,433	Montgomery	359	Midland	12	Williamson	71
21	Williamson	1,331	Williamson	330	Galveston	12	Ector	69
22	Webb	1,247	Gregg	329	Brazoria	12	Brazos	69
23	Potter	1,181	Brazoria	295	Smith	11	Hays	68
24	Hays	1,168	Bowie	283	Orange	11	McLennan	65
25	Smith	1,123	Tom Green	273	Tom Green	10	Brazoria	63

25 Counties with the Highest STD Rates, 2018

Rank	Chlamydia		Gonorrhea		P&S Syphilis		Total Syphilis	
	County	Rate*	County	Rate*	County	Rate*	County	Rate*
1	Armstrong	5,179.7	Armstrong	1,902.7	Armstrong	52.9	Armstrong	370.0
2	Duval	1,721.4	Briscoe	1,055.4	Nueces	29.0	Atascosa	157.0
3	Caldwell	1,112.2	Potter	544.1	Travis	19.6	Dallas	100.0
4	Potter	987.1	Carson	416.3	Martin	17.4	Franklin	83.6
5	Bastrop	948.5	Lubbock	407.9	Ward	17.1	Nueces	83.1
6	Bell	940.8	Bell	350.1	Jefferson	15.3	Rusk	82.6
7	Carson	915.9	Nolan	339.0	Lamb	15.2	Howard	82.3
8	Blanco	897.3	Childress	315.5	Dallas	14.3	Anderson	79.2
9	Nolan	881.3	McLennan	312.2	Bowie	13.8	Dimmit	77.6
10	Atascosa	846.8	Bowie	300.0	Bexar	13.7	Glasscock	72.0
11	Walker	841.6	Dallas	283.8	Lubbock	13.7	Duval	71.4
12	Frio	827.6	Blanco	282.0	Tarrant	13.6	Harris	69.2
13	Lubbock	825.0	Travis	274.1	Ector	13.6	Bexar	67.5
14	Kleberg	809.5	Duval	267.6	Orange	13.2	Terry	65.1
15	Nacogdoches	776.1	Gregg	266.0	El Paso	12.1	Gray	63.9
16	Dimmit	776.1	Bastrop	264.4	Harris	12.0	Travis	63.4
17	Nueces	754.7	Robertson	243.0	Yoakum	11.6	Kleberg	61.0
18	McLennan	744.3	Nueces	240.4	Young	11.1	Garza	60.8
19	Briscoe	725.6	Tom Green	231.0	Cass	10.0	Frio	55.5
20	Travis	723.4	Jefferson	230.6	Runnels	9.8	Palo Pinto	55.4
21	Gregg	721.1	Dawson	229.8	Kleberg	9.6	Bowie	55.1
22	Dallas	720.9	Terry	227.9	Calhoun	9.3	Uvalde	52.1
23	Brooks	716.9	Nacogdoches	226.8	Bastrop	9.2	Edwards	51.9
24	Robertson	700.1	Caldwell	226.6	Gray	9.1	Willacy	51.1
25	El Paso	677.8	Lamar	221.2	San Patricio	9.0	Bee	49.1

*Rates represent cases per 100,000 population

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

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 PLWH 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 extra genital testing in MSM) or a true rise in incidence rates.

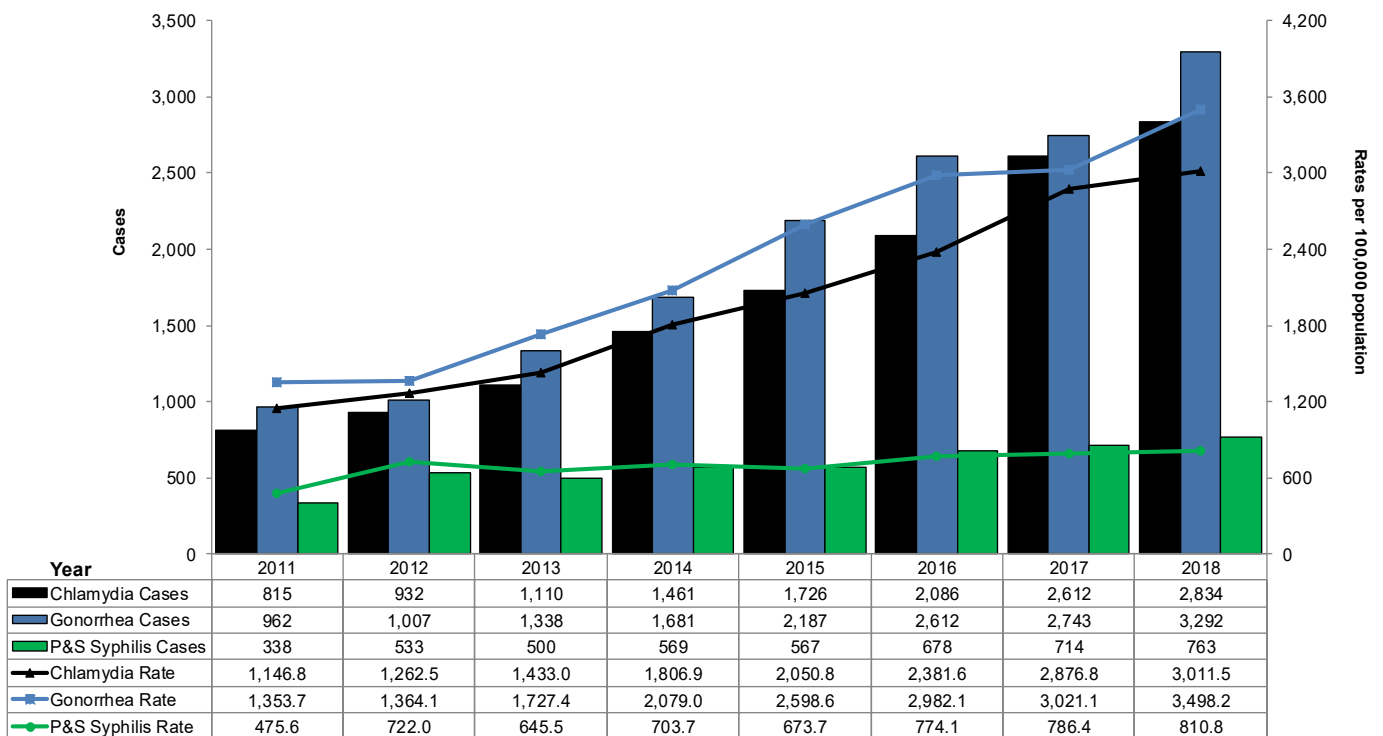
Screening for STDs in PLWH[†]

DSHS recommends that all PLWH be screened annually for STDs, and PLWH who are sexually active and at high risk should be screened every 3-6 months.

* Source: Centers for Disease Control and Prevention 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 Rates among Persons Living with HIV by Year of Diagnosis, 2011-2018



STDs among Men who have Sex with Men (MSM)

STDs among MSM*

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.

DSHS STD surveillance in Texas collects data on sex of partners to persons diagnosed with syphilis. In 2015, DSHS published estimates of the MSM population in Texas[†], which allows for calculation of population rates of HIV and syphilis among MSM. MSM comprised about 2% of the population in Texas in 2017. MSM comprised 64% of all persons diagnosed with primary and secondary syphilis and 54% of all persons diagnosed with early latent syphilis in Texas.

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 get tested regularly for syphilis.

*Source: CDC: What Gay, Bisexual, and Other Men who have Sex with Men need to know about Sexually Transmitted Diseases Fact Sheet, 2017

†Campanga J et al. Estimating the number of men who have sex with men by race/ethnicity at the county level in Texas." *Journal of Urban Health* 92.1 (2015): 168-181.

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

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

