



SEXUALLY TRANSMITTED DISEASES

Louisiana 2010 Annual Report

Louisiana Office of Public Health

STD/HIV Program

DeAnn Gruber, PhD, LCSW

STD/HIV Program Manager

Louis Trachtman, MD, MPH

STD Medical Director

Damarys “Dee” Cordova

Senior Public Health Advisor

Joy Ewell

Statewide Regional Surveillance Manager

Amy Busby

Field Operations Manager

Debbie Wendell, PhD, MPH

Data Management/Analysis Manager

Jessica Fridge, MSPH

Surveillance Manager

Editor/Production:

Catherine Desmarais, MPH

Mohammad Rahman, MBBS, MPH, PhD

STD Surveillance Program:

Terri Gray, MPA, Regional Surveillance Special Projects Coordinator

Reynaldo Grant, I.T. Special Project Coordinator

Javone Davis, Field Operations Specialist

Megan Jespersen, MPH, SSuN Coordinator

Madeline Bierria, Data Specialist

Eddie Dorsey, Data Specialist

Denise Robertson, Data Specialist

Regional STD Supervisors:

Region 1 Michael Carter

Region 2 Don Garrett

Region 3 Javone Davis

Region 4 Ken May

Region 5 Patrick Williams

Region 6 Javone Davis

Region 7 Charles Jones

Region 8 Eddie Davidson

Region 9 John Lyons

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Introduction

Louisiana consistently experiences some of the highest rates of sexually transmitted diseases (STDs) in the United States. In 2010, Louisiana had the highest rate in the nation for primary and secondary syphilis and the highest congenital syphilis rate according to the CDC's *2010 STD Surveillance Report*. Additionally, Louisiana had the second and third highest rates in the nation for gonorrhea and chlamydia respectively.¹ This annual report will provide an analysis of these common sexually transmitted diseases in order to inform STD treatment and prevention efforts across the state. This report includes data for all persons diagnosed with an STD in Louisiana in 2010.²

Chlamydia in Louisiana

- In 2010, there was a 3.6% increase in reported chlamydia cases compared to 2009, which was much lower than the previous year's increase of 19.6%.
- The 2010 chlamydia case rate was 643.0 new cases per 100,000.
- Females represented nearly 76% of all chlamydia cases with reported sex, and women between the ages of 15 and 24 had the highest incidence rates.

Gonorrhea in Louisiana

- Gonorrhea cases decreased from 9,150 in 2009 to 8,912 in 2010.
- The gonorrhea rate decreased by 3.5% from 203.7 cases per 100,000 in 2009 to 196.6 cases per 100,000 in 2010.
- Females represented approximately 58% of all reported gonorrhea cases with reported sex, and women between the ages of 15 and 24 had the highest incidence rates.

Primary and Secondary Syphilis (P&S) in Louisiana

- While rates of P&S syphilis in Louisiana have steadily increased since 2002, there was a 27% decrease from 16.5 per 100,000 in 2009 to 12.1 per 100,000 in 2010.
- The 20-24 age group had the highest incidence for both males and females, with rates of 52.0 and 45.6 per 100,000, respectively.
- Distribution of P&S syphilis has remained steady by sex, with 53% of the reported cases in males in 2010 and 2009.

Table 1

Trends in STD Cases Louisiana, 2001-2010										
Year	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Chlamydia	17,840	18,442	20,970	21,837	17,227	17,885	19,362	23,536	28,148	29,151
Gonorrhea	12,253	11,387	11,850	10,538	9,572	10,883	11,137	9,766	9,150	8,912
P&S Syphilis	173	152	183	332	278	342	533	721	742	547

Chlamydia

[CHLAMYDIA | 2010]

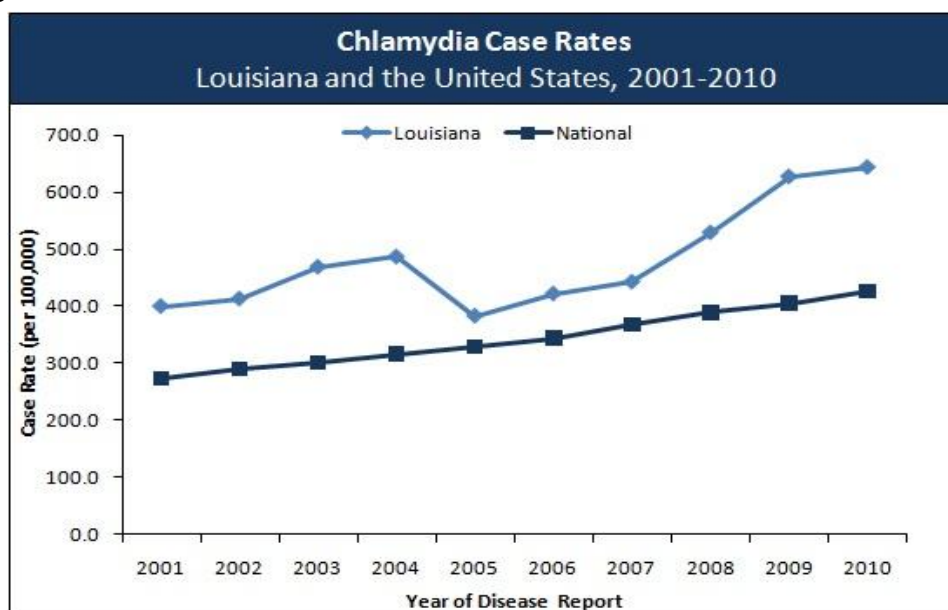
Caused by the bacterium *Chlamydia trachomatis*, chlamydia is the most commonly reported STD in the United States. Though chlamydial infections are often asymptomatic, symptoms can range from urethritis or vaginitis to severe pelvic inflammatory disorder (PID) in women. PID can cause infertility, ectopic pregnancy, and chronic pelvic pain. Pregnant women with chlamydia can pass the infection to their infants during delivery potentially causing health issues such as ophthalmia neonatorum or pneumonia. The CDC recommends annual screening of all sexually active woman aged ≤ 25 years.³

Figure 1

There were 29,151 cases of chlamydia reported to the Louisiana STD/HIV Program in 2010, a rate of 643.0 cases per 100,000. This represents a 2.6% rate increase from 2009 to 2010. Additionally, Louisiana's ranking remained the 3rd highest chlamydia rate in the nation.¹ (Figure 1)

The number of reported chlamydia cases in Louisiana has increased

since 2005. The largest increase (21.6%) occurred from 2007 to 2008, and the second largest increase (19.6%) occurred from 2008 to 2009. This rise in cases may be due to improved chlamydia screening practices. Louisiana's public health units have replaced genetic probe testing with the Amplified Nucleic Acid Test which captures more positive cases as recommended by the CDC.³ In addition, screening for chlamydia is performed for all sexually active female patients under the age of 31 in Louisiana's family planning clinics.



- The 2010 female chlamydia rate of 889.4 per 100,000 women was almost three times the male rate of 300.1 per 100,000 men (Table 2). Females traditionally represent the population who access reproductive health care and therefore have more opportunities to receive screening.
- Among the chlamydia cases in females with a reported race, 79% were black and nearly 19% were white. Of the chlamydia cases in males with a reported race, approximately 83% were black and 15% were white (Table 3).
- In 2010, the highest age-specific rate was among 15-19 year old females (Figure 2).
- Alaska (861.7 per 100,000) and Mississippi (725.5 per 100,000) ranked 1st and 2nd respectively in 2010. The national rate was 426.0 per 100,000.¹

Figure 2

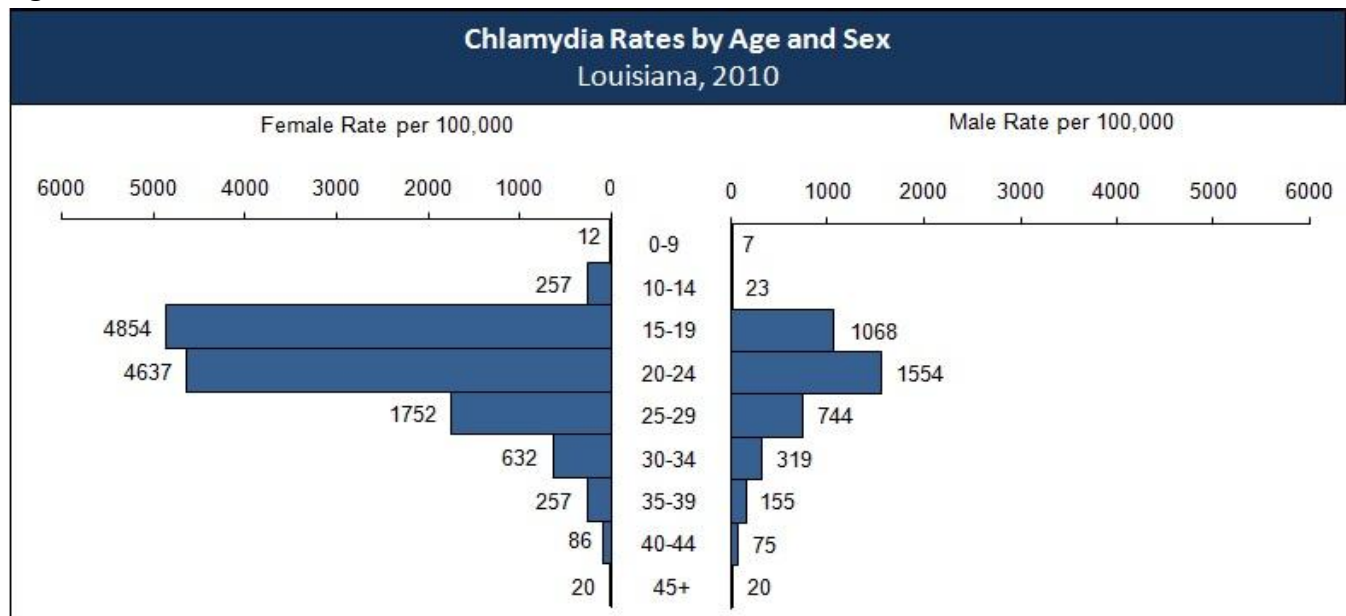


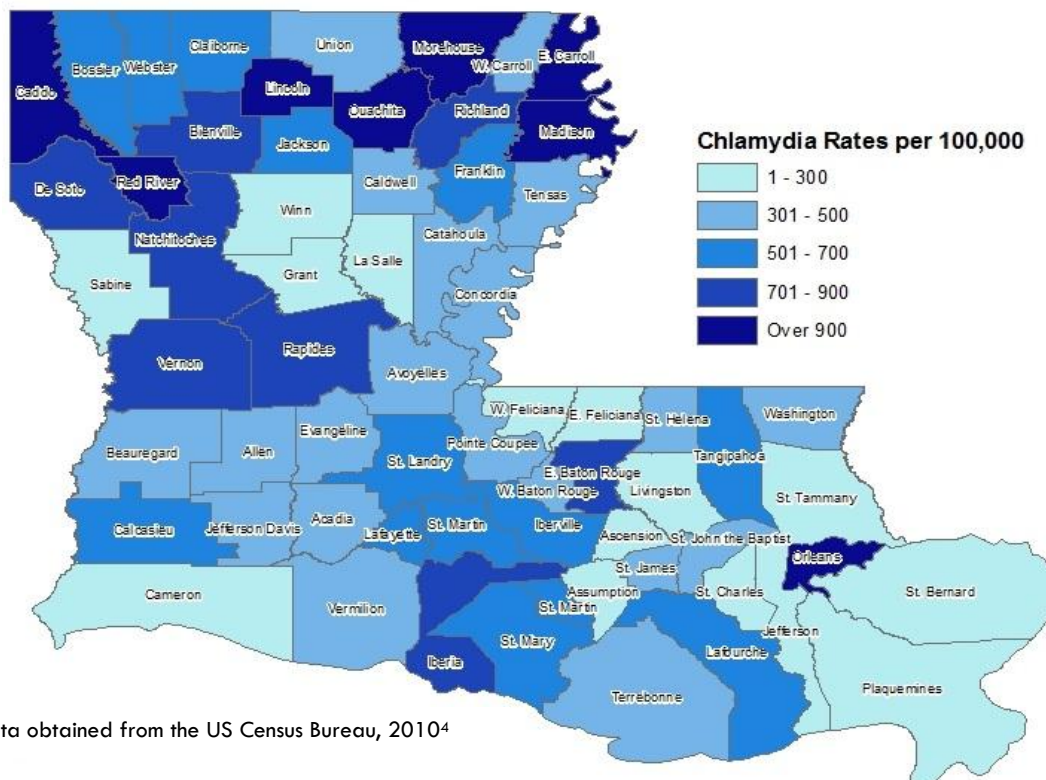
Table 2

Characteristics of Persons Diagnosed with Chlamydia Louisiana, 2010			
	Cases	Percent	Rate per 100,000
TOTAL	29,151	100%	643.0
Sex			
Female	20,582	75.6%	889.4
Male	6,659	24.4%	300.1
Unknown	1,910	6.6%	-
Race/Ethnicity			
Black/African American	16,038	80.6%	1,111.9
Hispanic/Latino	310	1.6%	161.0
White	3,554	17.9%	130.0
Other/Unknown/Multi-race	9,249	31.7%	-
Age Group	Age at Diagnosis		
0-9	64	0.2%	10.3
10-14	467	1.6%	152.2
15-19	10,408	35.7%	3,185.0
20-24	11,070	38.0%	3,272.2
25-29	4,354	14.9%	1,307.8
30-34	1,485	5.1%	502.5
35-39	596	2.0%	215.6
40-44	257	0.9%	89.2
45+	450	1.5%	25.7

Table 3

Race/Ethnicity of Persons Diagnosed with Chlamydia by Sex Louisiana, 2010			
	Cases	Percent	Rate per 100,000
TOTAL WITH REPORTED SEX*	27,241	100%	643.0
Female	20,582	75.6%	889.4
American Indian/Alaskan Native	16	0.1%	112.5
Asian/Pacific Islander	84	0.6%	240.0
Black/African American	11,491	79.1%	1,518.3
Hispanic/Latino	221	1.5%	256.5
White	2,723	18.7%	196.2
<i>Other/Unknown</i>	<i>6,047</i>	<i>29.4%</i>	<i>-</i>
Male	6,659	24.4%	300.1
American Indian/Alaskan Native	4	0.1%	36.0
Asian/Pacific Islander	18	0.3%	52.4
Black/African American	4,532	82.8%	661.0
Hispanic/Latino	88	1.6%	82.7
White	829	15.2%	61.6
<i>Other/Unknown</i>	<i>1,188</i>	<i>17.8%</i>	<i>-</i>

*1910 cases with unknown sex have been excluded.

Map 1**Chlamydia Rates by Parish, 2010**

Geographic Data obtained from the US Census Bureau, 2010⁴

Table 4

Geographic Distribution of Chlamydia by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	3,554	141	16,038	1,098	307	159	29,151	635
Region 1	400	103	3,539	1,080	89	117	5,985	716
Jefferson	134	55	615	549	21	39	1,234	285
Orleans	241	230	2,874	1,403	64	355	4,626	1,345
Plaquemines	7	45	14	299	1	-	37	161
St. Bernard	18	73	36	574	3	-	88	245
Region 2	268	78	2,281	838	25	107	3,898	588
Ascension	62	82	134	565	2	-	254	237
East Baton Rouge	170	82	1,895	954	22	135	3,227	733
East Feliciana	4	-	31	342	0	0	49	242
Iberville	11	69	120	734	0	0	186	557
Pointe Coupee	10	73	44	534	1	-	90	395
West Baton Rouge	9	65	42	469	0	0	72	303
West Feliciana	2	-	15	207	0	0	20	128
Region 3	285	109	862	798	19	115	1,916	471
Assumption	11	71	44	619	0	0	65	278
Lafourche	76	101	216	1,704	3	-	570	592
St. Charles	16	46	55	395	2	-	144	273
St. James	4	-	68	610	1	-	103	466
St. John the Baptist	13	71	129	529	3	-	224	488
St. Mary	58	185	148	839	3	103	292	534
Terrebonne	107	139	202	960	7	158	518	463
Region 4	512	131	1,768	1,111	38	230	3,302	565
Acadia	56	115	74	665	1	-	213	345
Evangeline	38	165	75	784	0	0	154	453
Iberia	62	139	261	1,121	7	304	534	729
Lafayette	199	134	732	1,293	21	244	1,383	624
St. Landry	77	167	388	1,131	4	-	557	668
St. Martin	44	130	176	1,103	3	280	275	527
Vermilion	36	78	62	752	2	-	186	321
Region 5	476	225	619	973	11	158	1,470	502
Allen	49	268	27	453	1	-	102	396
Beauregard	65	226	40	870	2	-	126	353
Calcasieu	306	229	512	1,078	7	142	1,102	572
Cameron	6	93	1	-	0	0	9	132
Jefferson Davis	50	201	39	716	1	-	131	415

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Table 4 Continued

Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Region 6	375	182	789	949	48	500	1,786	577
Avoyelles	40	143	72	585	1	-	133	316
Catahoula	11	158	20	611	0	0	39	375
Concordia	5	42	51	600	1	-	87	418
Grant	19	109	8	232	1	-	35	157
La Salle	10	80	8	455	1	-	26	175
Rapides	120	147	429	1,023	10	293	1,035	786
Vernon	162	429	180	2,473	32	848	395	755
Winn	8	79	21	450	2	-	36	235
Region 7	554	183	3,363	1,627	37	224	5,663	1,041
Bienville	19	242	73	1,207	1	-	104	725
Bossier	170	210	314	1,295	12	171	597	510
Caddo	207	170	2,200	1,838	13	212	3,854	1,512
Claiborne	14	173	64	735	2	-	91	529
De Soto	20	133	188	1,807	2	-	233	874
Natchitoches	35	166	246	1,510	1	-	352	890
Red River	11	207	81	2,259	1	-	95	1,045
Sabine	23	137	40	998	0	0	69	285
Webster	55	211	157	1,141	5	746	268	650
Region 8	343	163	2,020	1,531	23	339	3,107	873
Caldwell	21	261	17	980	1	-	47	464
East Carroll	2	-	84	1,578	2	-	103	1,327
Franklin	17	123	87	1,338	1	-	126	607
Jackson	17	155	70	1,450	1	-	99	608
Lincoln	38	150	305	1,617	5	421	453	969
Madison	9	205	133	1,808	1	-	171	1,414
Morehouse	24	168	199	1,522	0	0	276	986
Ouachita	149	163	902	1,612	7	254	1,487	967
Richland	29	228	113	1,526	0	0	164	791
Tensas	3	-	10	338	0	0	21	400
Union	19	123	74	1,203	5	530	113	497
West Carroll	15	161	26	1,436	0	0	47	405
Region 9	338	81	785	873	20	100	1,976	365
Livingston	95	82	45	697	2	-	255	199
St. Helena	5	100	30	503	1	-	51	455
St. Tammany	108	57	155	586	5	46	593	254
Tangipahoa	85	109	418	1,146	9	211	846	699
Washington	45	145	137	941	3	-	231	490

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

†The totals include cases with other and unknown race

Table 5

Geographic Distribution of Chlamydia in Females by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	2,723	196	11,491	1,518	221	256	20,582	889
Acadia	44	177	46	791	<5	-	125	395
Allen	38	453	19	908	0	0	74	656
Ascension	50	131	108	864	<5	-	201	370
Assumption	10	128	28	749	0	0	45	376
Avoyelles	35	246	49	846	<5	-	103	491
Beauregard	50	351	29	1,418	<5	-	96	549
Bienville	14	351	56	1,736	<5	-	79	1,063
Bossier	126	308	205	1,587	10	324	421	708
Caddo	156	249	1,564	2,424	8	285	2,612	1,952
Calcasieu	234	342	324	1,315	<5	-	751	761
Caldwell	19	473	13	1,695	<5	-	40	809
Cameron	6	185	0	0	0	0	7	203
Catahoula	11	326	14	976	0	0	32	653
Claiborne	7	185	43	1,194	<5	-	60	791
Concordia	<5	-	45	1,066	<5	-	76	734
De Soto	17	224	128	2,279	<5	-	164	1,189
East Baton Rouge	124	117	1,422	1,332	19	271	2,242	980
East Carroll	<5	-	67	2,698	<5	-	80	2,219
East Feliciana	<5	-	26	640	0	0	40	427
Evangeline	29	250	54	1,132	0	0	106	628
Franklin	12	169	71	2,096	0	0	97	907
Grant	11	131	6	589	<5	-	21	214
Iberia	50	222	182	1,471	5	498	381	1,016
Iberville	8	101	92	1,155	0	0	141	861
Jackson	13	239	57	2,446	<5	-	79	987
Jefferson	115	92	474	788	18	72	988	444
Jefferson Davis	41	322	28	1,009	0	0	97	601
La Salle	9	142	<5	-	0	0	19	263
Lafayette	140	184	538	1,798	13	344	973	858
Lafourche	70	183	161	2,394	<5	-	348	710
Lincoln	25	198	198	1,944	<5	-	294	1,229
Livingston	72	123	35	1,044	<5	-	181	280
Madison	6	271	110	2,966	0	0	124	2,030
Morehouse	19	260	145	2,091	0	0	205	1,406
Natchitoches	17	157	158	1,803	<5	-	233	1,125
Orleans	175	340	1,968	1,786	45	581	3,261	1,836
Ouachita	121	255	636	2,138	6	471	1,046	1,304
Plaquemines	6	78	12	504	<5	-	30	261
Pointe Coupee	8	115	33	746	0	0	65	554
Rapides	97	230	314	1,423	5	327	564	828
Red River	9	333	60	3,085	<5	-	71	1,498
Richland	21	321	95	2,439	0	0	132	1,229
Sabine	18	214	30	1,443	0	0	53	434
St. Bernard	13	107	32	973	<5	-	73	412
St. Charles	14	80	42	582	<5	-	111	416
St. Helena	<5	-	20	652	<5	-	35	616
St. James	<5	-	47	809	0	0	69	611
St. John the Baptist	12	130	94	733	<5	-	169	717
St. Landry	63	265	286	1,569	<5	-	418	961
St. Martin	32	189	133	1,591	<5	-	206	778
St. Mary	46	290	117	1,257	<5	-	224	810
St. Tammany	76	79	99	715	5	96	440	367
Tangipahoa	70	176	329	1,704	7	381	686	1,101
Tensas	<5	-	5	314	0	0	12	435
Terrebonne	89	229	144	1,327	<5	-	379	673
Union	16	206	51	1,600	5	1155	85	739
Vermilion	30	126	42	974	0	0	133	447
Vernon	97	526	88	2,475	20	1155	221	865
Washington	37	235	111	1,512	<5	-	187	785
Webster	41	309	118	1,625	5	1645	206	973
West Baton Rouge	8	113	28	602	0	0	50	414
West Carroll	14	295	21	2,494	0	0	37	639
West Feliciana	<5	-	12	669	0	0	17	316
Winn	6	120	15	734	<5	-	27	371

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Table 6

Geographic Distribution of Chlamydia in Males by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	829	62	4,532	661	88	83	6,659	300
Acadia	12	51	27	508	0	0	42	139
Allen	10	101	8	207	<5	-	22	152
Ascension	12	32	26	231	<5	-	49	93
Assumption	<5	-	16	474	0	0	19	166
Avoyelles	5	37	23	352	0	0	28	133
Beauregard	15	104	11	431	<5	-	30	165
Bienville	5	129	17	602	0	0	25	361
Bossier	44	110	109	963	<5	-	176	306
Caddo	51	86	633	1,147	5	150	801	661
Calcasieu	72	110	188	822	<5	-	289	307
Caldwell	<5	-	<5	-	0	0	7	135
Cameron	0	0	<5	-	0	0	<5	-
Catahoula	0	0	6	326	0	0	6	109
Claiborne	7	162	21	411	<5	-	31	323
Concordia	<5	-	6	140	0	0	8	76
De Soto	<5	-	60	1,254	<5	-	68	529
East Baton Rouge	46	46	473	515	<5	-	756	357
East Carroll	0	0	17	598	0	0	20	481
East Feliciana	0	0	5	100	0	0	7	64
Evangeline	9	78	20	417	0	0	33	193
Franklin	5	74	16	514	<5	-	24	238
Grant	8	89	<5	-	0	0	11	88
Iberia	12	55	79	724	<5	-	118	330
Iberville	<5	-	27	322	0	0	41	241
Jackson	<5	-	13	520	0	0	19	230
Jefferson	19	16	141	272	<5	-	229	109
Jefferson Davis	9	74	11	411	<5	-	25	162
La Salle	<5	-	<5	-	<5	-	6	78
Lafayette	59	81	194	726	8	166	334	309
Lafourche	6	16	55	924	0	0	83	175
Lincoln	13	103	106	1,222	<5	-	129	565
Livingston	23	40	10	322	0	0	46	73
Madison	<5	-	23	630	<5	-	34	568
Morehouse	5	72	54	879	0	0	63	470
Natchitoches	18	175	88	1,169	0	0	112	594
Orleans	66	124	904	955	19	184	1,237	744
Ouachita	28	63	266	1,015	<5	-	374	509
Plaquemines	<5	-	<5	-	0	0	7	61
Pointe Coupee	<5	-	11	288	<5	-	23	208
Rapides	23	58	115	579	5	265	153	241
Red River	<5	-	21	1,280	0	0	24	552
Richland	8	130	18	513	0	0	29	290
Sabine	5	60	10	518	0	0	15	125
St. Bernard	5	40	<5	-	<5	-	15	83
St. Charles	<5	-	13	194	0	0	26	100
St. Helena	<5	-	10	345	0	0	13	235
St. James	0	0	21	393	<5	-	27	250
St. John the Baptist	<5	-	35	302	0	0	46	206
St. Landry	14	63	102	635	<5	-	127	318
St. Martin	12	71	43	566	0	0	58	226
St. Mary	12	78	30	360	0	0	55	204
St. Tammany	32	35	55	437	0	0	127	111
Tangipahoa	15	40	88	512	<5	-	121	206
Tensas	0	0	5	366	0	0	7	281
Terrebonne	17	45	58	569	<5	-	108	194
Union	<5	-	23	776	0	0	26	232
Vermilion	6	27	20	508	<5	-	41	145
Vernon	65	336	89	2,389	12	587	169	631
Washington	8	52	26	360	<5	-	40	171
Webster	14	109	39	600	0	0	55	274
West Baton Rouge	<5	-	14	325	0	0	20	171
West Carroll	<5	-	5	517	0	0	6	103
West Feliciana	0	0	<5	-	0	0	<5	-
Winn	<5	-	6	229	0	0	9	112

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

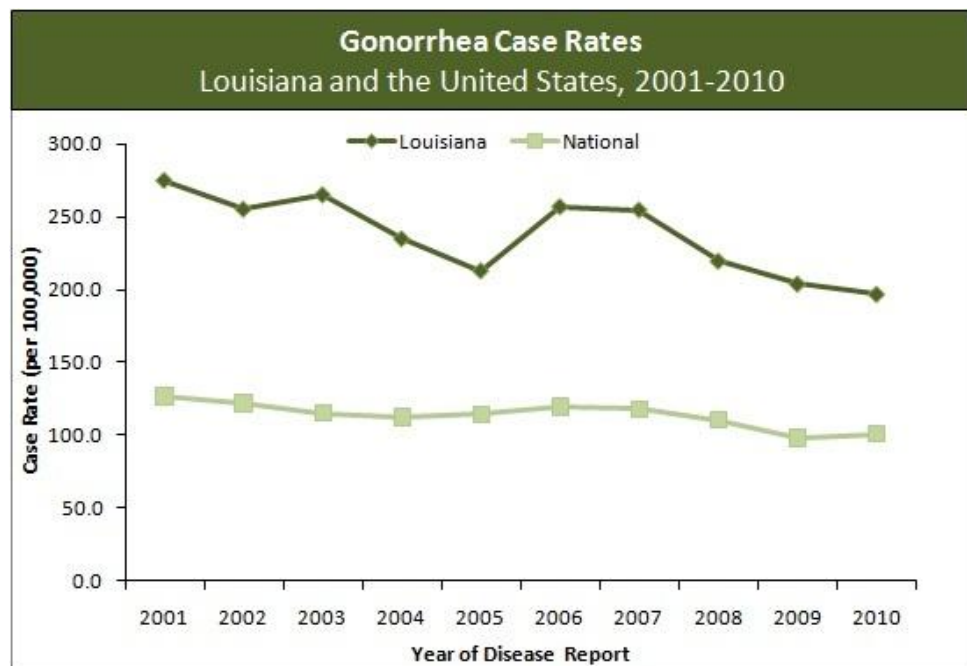
† The totals include cases with other and unknown race.

Gonorrhea

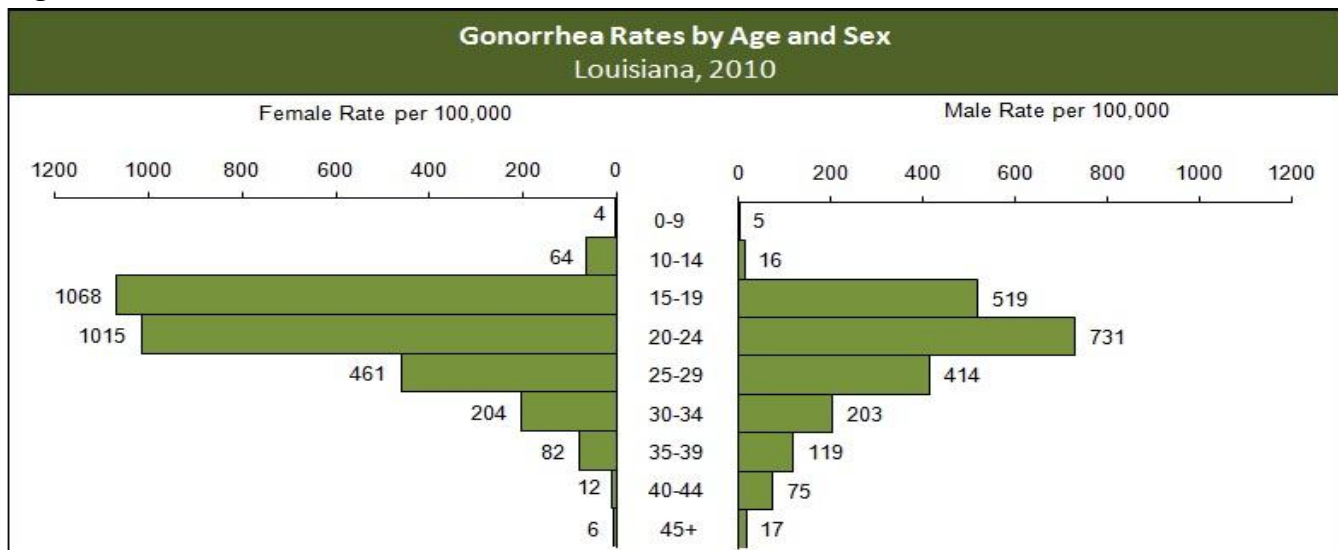
[GONORRHEA | 2010]

Gonorrhea is caused by the bacterium *Neisseria gonorrhea*. If left untreated, gonorrhea can affect fertility in males and females, increase the risk of HIV infection and transmission, and cause other serious health problems. Gonorrhea is a common cause of epididymitis in men and PID in women, and both of these conditions can lead to infertility. Pregnant women with a gonorrhea infection may infect their infants during delivery which can potentially cause blindness, joint infection, or a blood infection in babies.³

Despite a 3.5% rate reduction in 2010, Louisiana maintained the 2nd highest gonorrhea rate in the nation.¹ The gonorrhea rate for the state has decreased since 2007, and reached its lowest value of 196.6 per 100,000 in 2010. As of April 2007, quinolones are no longer recommended in the United States for the treatment of gonorrhea. Only one class of antimicrobials, the cephalosporins, is recommended and available for the treatment of gonorrhea. Since quinolones such as ciprofloxacin were frequently used to treat gonorrhea in previous years, this change in gonorrhea treatment likely influenced the gonorrhea rate since 2008.³



- During 2010, there were 8,912 cases of gonorrhea reported, a 3.5% decrease from 2009.
- About 87% of the 2010 gonorrhea cases with reported race were black, while only 32% of the state's population is black. Approximately 84% of females and 89% of males with reported race were black (Table 7).
- Females between 15 and 19 years of age had the highest gonorrhea rate followed by 20-24 year old females and then 20-24 year old males (Figure 3).
- Mississippi (209.9 per 100,000) and Alaska (182.3 per 100,000) ranked 1st and 3rd respectively in 2010. The national rate was 100.8 per 100,000.¹

Figure 4**Table 7**

Characteristics of Persons Diagnosed with Gonorrhea Louisiana, 2010			
	Cases	Percent	Rate per 100,000
TOTAL	8,912	100%	196.6
Sex			
Female	4,827	57.7 %	208.6
Male	3,541	42.3%	159.6
Unknown	544	6.1%	-
Race/Ethnicity			
Black/African American	5,737	86.6%	397.7
Hispanic/Latino	73	1.1%	37.9
White	816	12.3%	29.8
Other/Unknown/Multi-race	2,286	25.7%	-
Age Group	Age at Diagnosis		
0-9	34	0.4%	5.5
10-14	134	1.5%	43.7
15-19	2,805	31.5%	858.4
20-24	3,115	35.0%	920.8
25-29	1,528	17.1%	459.0
30-34	621	7.0%	210.1
35-39	292	3.3%	105.6
40-44	161	1.8%	55.9
45+	222	2.5%	12.7

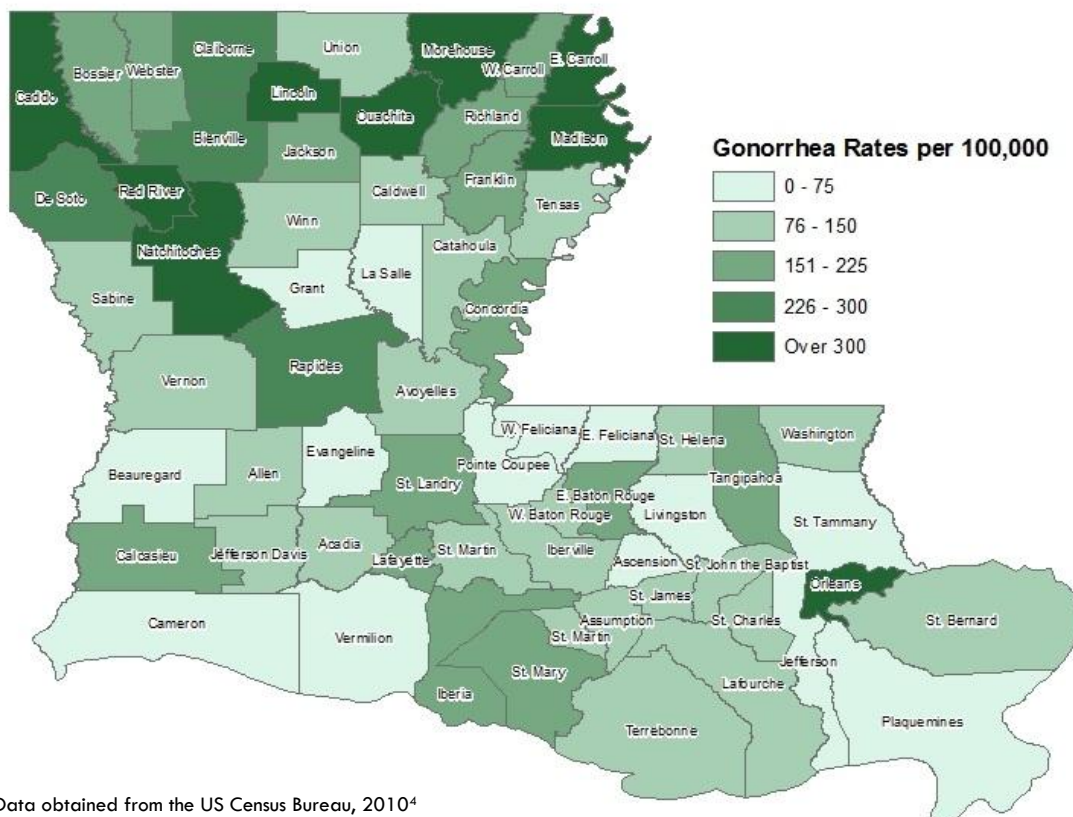
Table 8

Race/Ethnicity of Persons Diagnosed with Gonorrhea by Sex Louisiana, 2010			
	Cases	Percent	Rate per 100,000
TOTAL WITH REPORTED SEX*	8,368	100%	196.6
Female	4,827	57.7%	208.6
American Indian/Alaskan Native	5	0.1%	35.2
Asian/Pacific Islander	16	0.4%	45.7
Black/African American	3,150	83.7%	416.2
Hispanic/Latino	46	1.2%	53.4
White	548	14.6%	39.5
Other/Unknown/Multi-race	1,062	22.0%	-
Male	3,541	42.3%	159.6
American Indian/Alaskan Native	2	0.1%	14.4
Asian/Pacific Islander	11	0.4%	32.0
Black/African American	2,579	89.3%	376.2
Hispanic/Latino	27	0.9%	25.4
White	268	9.3%	19.9
Other/Unknown/Multi-race	654	18.5%	-

*544 cases with unknown sex have been excluded.

Map 2

Gonorrhea Rates by Parish, 2010



Geographic Data obtained from the US Census Bureau, 2010⁴

Table 9

Geographic Distribution of Gonorrhea by Race/Ethnicity Louisiana, 2010

Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	816	30	5,737	398	73	38	8,912	197
Region 1	94	24	1,237	377	17	22	1,799	215
Jefferson	19	8	143	128	2	-	250	58
Orleans	71	68	1,074	524	15	83	1,515	441
Plaquemines	0	0	2	-	0	0	4	-
St. Bernard	4	-	18	287	0	0	30	84
Region 2	65	19	698	256	3	-	1,095	165
Ascension	15	20	27	114	0	0	51	48
East Baton Rouge	38	18	618	311	3	-	957	217
East Feliciana	0	0	6	66	0	0	12	59
Iberville	7	44	25	153	0	0	37	111
Pointe Coupee	2	-	6	73	0	0	13	57
West Baton Rouge	3	-	13	145	0	0	21	88
West Feliciana	0	0	3	-	0	0	4	-
Region 3	72	27	254	235	4	-	482	118
Assumption	3	-	14	197	0	0	19	81
Lafourche	16	21	63	497	1	-	122	127
St. Charles	7	20	15	108	0	0	40	76
St. James	2	-	21	188	0	0	31	140
St. John the Baptist	4	-	25	102	2	-	39	85
St. Mary	14	45	59	334	0	0	96	176
Terrebonne	26	34	57	271	1	-	135	121
Region 4	111	28	538	338	3	-	875	150
Acadia	17	35	33	296	0	0	73	118
Evangeline	4	-	8	84	0	0	18	53
Iberia	14	31	82	352	1	-	156	213
Lafayette	45	30	246	434	2	-	375	169
St. Landry	15	33	110	321	0	0	142	170
St. Martin	9	27	45	282	0	0	69	132
Vermilion	7	15	14	170	0	0	42	72
Region 5	89	42	199	313	5	72	375	128
Allen	12	66	15	252	0	0	30	116
Beauregard	5	17	7	152	0	0	18	50
Calcasieu	59	44	164	345	3	-	290	150
Cameron	0	0	0	0	0	0	0	0
Jefferson Davis	13	52	13	239	2	-	37	117

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Table 9 Continued

Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Region 6	76	37	314	378	8	83	538	174
Avoyelles	10	36	23	187	0	0	42	100
Catahoula	4	-	4	-	0	0	9	86
Concordia	3	-	20	235	3	-	35	168
Grant	6	35	6	174	0	0	12	54
La Salle	4	-	1	-	0	0	6	40
Rapides	35	43	192	458	3	-	344	261
Vernon	14	37	54	742	2	-	75	143
Winn	0	0	14	300	0	0	15	98
Region 7	139	46	1,437	695	17	103	2,101	386
Bienville	3	-	23	380	1	-	33	230
Bossier	40	49	115	474	3	-	176	150
Caddo	59	48	1,002	837	8	131	1,495	586
Claiborne	3	-	33	379	2	-	40	233
De Soto	4	-	60	577	1	-	70	263
Natchitoches	10	47	113	693	1	-	145	366
Red River	6	113	26	725	1	-	33	363
Sabine	2	-	12	299	0	0	22	91
Webster	12	46	53	385	0	0	87	211
Region 8	101	48	805	610	10	147	1,185	333
Caldwell	5	62	6	346	0	0	12	118
East Carroll	1	-	30	563	1	-	38	490
Franklin	5	36	26	400	0	0	38	183
Jackson	4	-	22	456	0	0	32	197
Lincoln	5	20	113	599	2	-	148	317
Madison	4	-	29	394	0	0	39	323
Morehouse	8	56	90	688	0	0	118	422
Ouachita	50	55	419	749	4	-	660	429
Richland	7	55	33	446	0	0	43	207
Tensas	0	0	5	169	0	0	5	95
Union	6	39	22	358	3	-	34	150
West Carroll	6	64	10	552	0	0	18	155
Region 9	69	17	250	278	6	30	449	83
Livingston	21	18	12	186	0	0	48	37
St. Helena	0	0	9	151	1	-	12	107
St. Tammany	21	11	52	197	2	-	111	47
Tangipahoa	17	22	134	367	2	-	209	173
Washington	10	32	43	295	1	-	69	146

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

†The totals include cases with other and unknown race.

Table 10

Geographic Distribution of Gonorrhea in Females by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	548	39	3,150	416	46	53	4,827	209
Acadia	12	48	14	241	0	0	33	104
Allen	7	83	7	334	0	0	15	133
Ascension	10	26	15	120	0	0	30	55
Assumption	<5	-	6	161	0	0	10	84
Avoyelles	9	63	15	259	0	0	29	138
Beauregard	<5	-	5	244	0	0	10	57
Bienville	<5	-	14	434	<5	-	22	296
Bossier	24	59	55	426	<5	-	95	160
Caddo	45	72	568	880	<5	-	831	621
Calcasieu	36	53	89	361	0	0	153	155
Caldwell	5	125	<5	-	0	0	10	202
Cameron	0	0	0	0	0	0	0	0
Catahoula	<5	-	<5	-	0	0	6	122
Claiborne	<5	-	18	500	<5	-	24	316
Concordia	<5	-	14	332	<5	-	26	251
De Soto	<5	-	35	623	0	0	42	304
East Baton Rouge	20	19	336	315	<5	-	460	201
East Carroll	<5	-	23	926	<5	-	27	749
East Feliciana	0	0	<5	-	0	0	7	75
Evangeline	<5	-	<5	-	0	0	7	41
Franklin	5	70	17	502	0	0	26	243
Grant	<5	-	6	589	0	0	10	102
Iberia	13	58	43	347	<5	-	80	213
Iberville	6	76	17	213	0	0	27	165
Jackson	<5	-	11	472	0	0	18	225
Jefferson	12	10	73	121	<5	-	138	62
Jefferson Davis	9	71	7	252	<5	-	19	118
La Salle	<5	-	<5	-	0	0	<5	-
Lafayette	21	28	124	414	<5	-	179	158
Lafourche	12	31	35	520	0	0	58	118
Lincoln	<5	-	58	570	0	0	71	297
Livingston	16	27	6	179	0	0	27	42
Madison	<5	-	21	566	0	0	27	442
Morehouse	8	109	58	836	0	0	78	535
Natchitoches	7	65	60	685	<5	-	85	411
Orleans	34	66	516	468	10	129	741	417
Ouachita	32	68	245	824	<5	-	378	471
Plaquemines	0	0	<5	-	0	0	<5	-
Pointe Coupee	<5	-	<5	-	0	0	8	68
Rapides	28	66	116	526	<5	-	171	251
Red River	5	185	18	925	<5	-	24	506
Richland	6	92	25	642	0	0	31	289
Sabine	<5	-	8	385	0	0	16	131
St. Bernard	<5	-	13	395	0	0	19	107
St. Charles	4	-	11	153	0	0	25	94
St. Helena	0	0	7	228	<5	-	9	158
St. James	<5	-	9	155	0	0	13	115
St. John the Baptist	4	-	14	109	<5	-	24	102
St. Landry	9	38	65	357	0	0	87	200
St. Martin	6	35	32	383	0	0	48	181
St. Mary	12	76	34	365	0	0	61	221
St. Tammany	14	15	26	188	<5	-	62	52
Tangipahoa	9	23	82	425	<5	-	124	199
Tensas	0	0	<5	-	0	0	<5	-
Terrebonne	22	57	37	341	<5	-	91	162
Union	5	64	12	376	<5	-	22	191
Vermilion	5	21	7	162	0	0	23	77
Vernon	7	38	20	563	0	0	30	117
Washington	7	44	26	354	<5	-	42	176
Webster	8	60	32	441	0	0	13	61
West Baton Rouge	<5	-	6	129	0	0	9	74
West Carroll	6	127	6	713	0	0	12	207
West Feliciana	0	0	<5	-	0	0	<5	-
Winn	0	0	8	391	0	0	9	124

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Table 11

Geographic Distribution of Gonorrhea in Males by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	268	20	2,579	376	27	25	3,541	160
Acadia	5	21	19	358	0	0	30	99
Allen	5	51	8	207	0	0	14	97
Ascension	5	13	12	107	0	0	21	40
Assumption	0	0	8	237	0	0	8	70
Avoyelles	<5	-	8	123	0	0	9	43
Beauregard	<5	-	<5	-	0	0	8	44
Bienville	<5	-	9	319	0	0	11	159
Bossier	16	40	60	530	<5	-	81	141
Caddo	14	24	434	787	5	150	529	437
Calcasieu	23	35	75	328	<5	-	109	116
Caldwell	0	0	<5	-	0	0	<5	-
Cameron	0	0	0	0	0	0	0	0
Catahoula	<5	-	<5	-	0	0	<5	-
Claiborne	0	0	15	294	0	0	16	166
Concordia	0	0	6	140	<5	-	8	76
De Soto	<5	-	25	522	<5	-	28	218
East Baton Rouge	18	18	282	307	0	0	446	211
East Carroll	0	0	7	246	0	0	9	217
East Feliciana	0	0	<5	-	0	0	<5	-
Evangeline	<5	-	5	104	0	0	8	47
Franklin	0	0	9	289	0	0	11	109
Grant	<5	-	0	0	0	0	<5	-
Iberia	<5	-	39	358	0	0	62	173
Iberville	<5	-	8	96	0	0	9	53
Jackson	0	0	11	440	0	0	13	157
Jefferson	7	6	69	133	0	0	106	50
Jefferson Davis	<5	-	6	224	<5	-	12	78
La Salle	<5	-	0	0	0	0	<5	-
Lafayette	24	33	122	457	0	0	178	165
Lafourche	<5	-	28	470	<5	-	40	85
Lincoln	<5	-	54	622	<5	-	64	280
Livingston	5	9	5	161	0	0	16	25
Madison	0	0	8	219	0	0	11	184
Morehouse	0	0	32	521	0	0	34	254
Natchitoches	<5	-	53	704	0	0	60	318
Orleans	37	69	558	590	5	48	731	440
Ouachita	18	41	174	664	<5	-	249	339
Plaquemines	0	0	0	0	0	0	0	0
Pointe Coupee	<5	-	<5	-	0	0	5	45
Rapides	7	18	76	383	<5	-	87	137
Red River	<5	-	8	488	0	0	9	207
Richland	<5	-	8	228	0	0	10	100
Sabine	0	0	<5	-	0	0	5	42
St. Bernard	<5	-	5	168	0	0	11	61
St. Charles	<5	-	<5	-	0	0	14	54
St. Helena	0	0	<5	-	0	0	<5	-
St. James	0	0	12	225	0	0	18	166
St. John the Baptist	0	0	11	95	0	0	13	58
St. Landry	6	27	45	280	0	0	53	133
St. Martin	<5	-	13	171	0	0	18	70
St. Mary	<5	-	25	300	0	0	32	119
St. Tammany	7	8	24	191	0	0	43	38
Tangipahoa	8	21	50	291	<5	-	69	117
Tensas	0	0	<5	-	0	0	<5	-
Terrebonne	<5	-	20	196	0	0	39	70
Union	<5	-	10	337	0	0	12	107
Vermilion	<5	-	7	178	0	0	18	64
Vernon	7	36	33	886	<5	-	44	164
Washington	<5	-	17	236	0	0	25	107
Webster	<5	-	21	323	0	0	31	155
West Baton Rouge	<5	-	7	163	0	0	11	94
West Carroll	0	0	<5	-	0	0	6	103
West Feliciana	0	0	<5	-	0	0	<5	-
Winn	0	0	6	229	0	0	6	75

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Syphilis

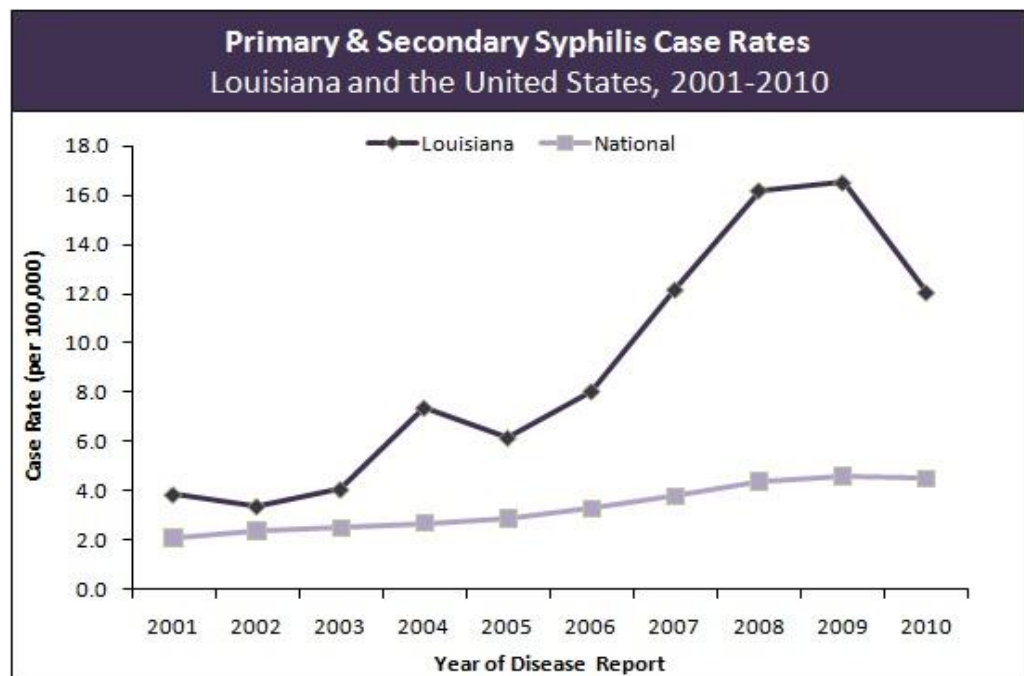
[EARLY SYPHILIS]

A syphilis diagnosis with less than one year duration is considered to be “early syphilis.” This designation covers the primary, secondary, and early latent stages of syphilis.

[PRIMARY AND SECONDARY SYPHILIS|2010]

Syphilis is one of the three most commonly reported STDs. It is caused by the bacterium *Treponema pallidum* and is transmitted through contact with an infected genital ulcer. These ulcers also facilitate the sexual transmission and contraction of HIV. The primary and secondary stages are the most infectious stages of syphilis.³

According to CDC Surveillance reports, Louisiana has consistently had the highest rates of primary and secondary syphilis (P & S syphilis) compared to other states in the nation. Since 2006, Louisiana has ranked first in the nation for P&S syphilis rates.¹ Between 2009 and 2010, the Louisiana syphilis rate decreased by 27% from 16.5 to 12.1 per 100,000. Penicillin G is the



preferred drug for treating all stages of syphilis. The preparation, dosage and length of treatment depend on the stage and clinical manifestation of the disease.³

- In 2010, there were 547 P&S syphilis cases reported in Louisiana, a 26% decrease compared to 742 cases reported in 2009.
- Approximately 90% of the 2010 cases with reported race were black, reflecting the significant health disparity that exists in Louisiana.
- In 2010, 53% of P&S syphilis cases with reported sex were in males (Table 12). The highest age and gender specific rate was 52.0 per 100,000 in males aged 20 to 24 years (Figure 6).
- Georgia (8.1 per 100,000) and Mississippi (7.7 per 100,000) ranked 2nd and 3rd respectively in 2010. The national rate was 4.5 per 100,000.¹

Figure 6

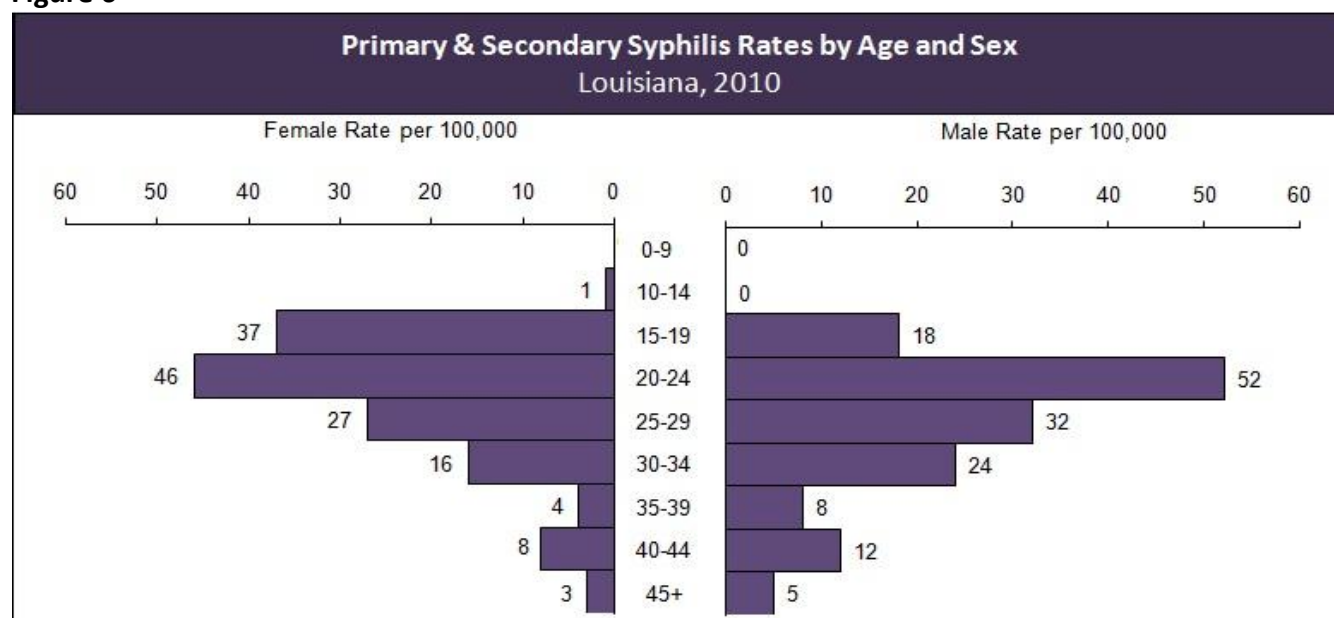


Table 12

Characteristics of Persons Diagnosed with Primary & Secondary Syphilis Louisiana, 2010			
	Cases	Percent	Rate per 100,000
TOTAL	547	100%	12.1
Sex			
Female	252	47.0%	10.9
Male	284	53.0%	12.8
Unknown	11	2.0%	-
Race/Ethnicity			
Black/African American	449	89.6%	31.1
Hispanic/Latino	4	0.8%	2.1
White	48	9.6%	1.8
Other/Unknown/Multi-race	46	8.4%	-
Age Group	Age at Diagnosis		
0-9	0	0.0%	0
10-14	2	0.4%	0.7
15-19	90	16.5%	27.5
20-24	169	30.9%	50.0
25-29	100	18.3%	30.0
30-34	58	10.6%	19.6
35-39	28	5.1%	10.1
40-44	29	5.3%	10.1
45+	71	13.0%	4.1

Table 13

Race/Ethnicity of Persons Diagnosed with Primary & Secondary Syphilis by Sex Louisiana, 2010

	Cases	Percent	Rate per 100,000
TOTAL WITH REPORTED SEX*	536	100%	12.1
Female	252	47.0%	10.9
American Indian/Alaskan Native	1	0.4%	7.0
Asian/Pacific Islander	0	0.0%	0
Black/African American	212	88.7%	28.0
Hispanic/Latino	0	0.0%	0
White	26	10.9%	1.9
<i>Other/Unknown</i>	13	5.2%	-
Male	284	53.0%	13.0
American Indian/Alaskan Native	1	0.4%	7.2
Asian/Pacific Islander	2	0.8%	5.8
Black/African American	237	89.1%	34.6
Hispanic/Latino	4	1.5%	3.8
White	22	8.3%	1.6
<i>Other/Unknown</i>	18	6.3%	-

*11 cases with unknown sex have been excluded.

Map 3

Primary & Secondary Syphilis Rates by Parish, 2010

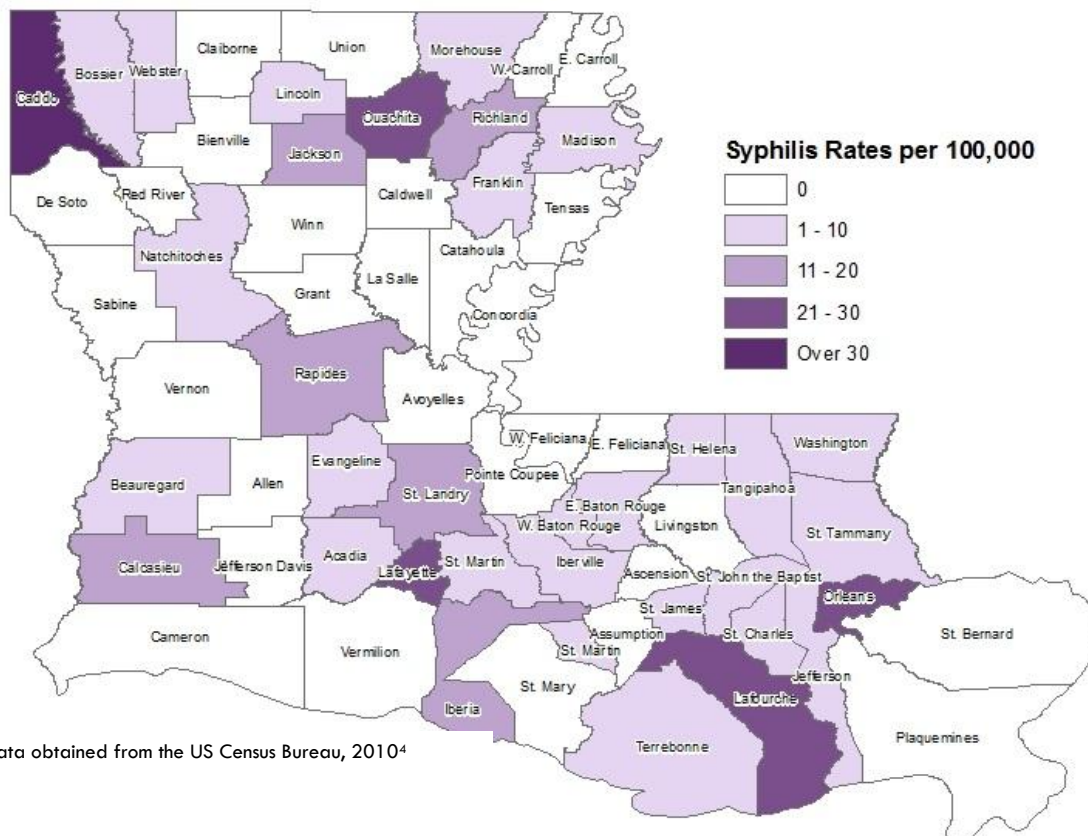


Table 14

Geographic Distribution of Primary & Secondary Syphilis by Race/Ethnicity Louisiana, 2010

Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	48	2	449	31	4	-	547	12
Region 1	10	3	54	16	1	-	78	9
Jefferson	1	-	5	4	1	-	7	2
Orleans	9	9	49	24	0	0	71	21
Plaquemines	0	0	0	0	0	0	0	0
St. Bernard	0	0	0	0	0	0	0	0
Region 2	3	-	39	14	0	0	45	7
Ascension	0	0	0	0	0	0	0	0
East Baton Rouge	3	-	37	19	0	0	43	10
East Feliciana	0	0	0	0	0	0	0	0
Iberville	0	0	1	-	0	0	1	-
Pointe Coupee	0	0	0	0	0	0	0	0
West Baton Rouge	0	0	1	-	0	0	1	-
West Feliciana	0	0	0	0	0	0	0	0
Region 3	1	-	34	31	1	-	36	9
Assumption	0	0	0	0	0	0	0	0
Lafourche	0	0	25	197	1	-	26	27
St. Charles	0	0	1	-	0	0	1	-
St. James	0	0	1	-	0	0	1	-
St. John the Baptist	0	0	1	-	0	0	1	-
St. Mary	0	0	0	0	0	0	0	0
Terrebonne	1	-	6	29	0	0	7	6
Region 4	14	4	57	36	1	-	76	13
Acadia	1	-	3	-	0	0	4	-
Evangeline	1	-	0	0	0	0	1	-
Iberia	2	-	6	26	0	0	8	11
Lafayette	7	5	40	71	1	-	51	23
St. Landry	1	-	8	23	0	0	10	12
St. Martin	2	-	0	0	0	0	2	-
Vermilion	0	0	0	0	0	0	0	0
Region 5	3	-	30	47	0	0	35	12
Allen	0	0	0	0	0	0	0	0
Beauregard	0	0	3	-	0	0	3	-
Calcasieu	3	-	27	57	0	0	32	17
Cameron	0	0	0	0	0	0	0	0
Jefferson Davis	0	0	0	0	0	0	0	0

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

†The totals include cases with other and unknown race.

Table 14 Continued

Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Region 6	3	-	12	14	1	-	16	5
Avoyelles	0	0	0	0	0	0	0	0
Catahoula	0	0	0	0	0	0	0	0
Concordia	0	0	0	0	0	0	0	0
Grant	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0
Rapides	3	-	12	29	1	-	16	12
Vernon	0	0	0	0	0	0	0	0
Winn	0	0	0	0	0	0	0	0
Region 7	9	3	158	76	0	0	190	35
Bienville	0	0	0	0	0	0	0	0
Bossier	0	0	3	-	0	0	6	5
Caddo	7	6	154	129	0	0	180	71
Claiborne	0	0	0	0	0	0	0	0
De Soto	0	0	0	0	0	0	0	0
Natchitoches	2	-	0	0	0	0	2	-
Red River	0	0	0	0	0	0	0	0
Sabine	0	0	0	0	0	0	0	0
Webster	0	0	1	-	0	0	2	-
Region 8	2	-	43	33	0	0	46	13
Caldwell	0	0	0	0	0	0	0	0
East Carroll	0	0	0	0	0	0	0	0
Franklin	0	0	1	-	0	0	1	-
Jackson	0	0	2	-	0	0	2	-
Lincoln	0	0	4	-	0	0	4	-
Madison	0	0	1	-	0	0	1	-
Morehouse	0	0	1	-	0	0	1	4
Ouachita	1	-	32	57	0	0	34	22
Richland	1	-	2	-	0	0	3	-
Tensas	0	0	0	0	0	0	0	0
Union	0	0	0	0	0	0	0	0
West Carroll	0	0	0	0	0	0	0	0
Region 9	3	-	22	24	0	0	25	5
Livingston	0	0	0	0	0	0	0	0
St. Helena	0	0	1	-	0	0	1	-
St. Tammany	2	-	10	38	0	0	12	5
Tangipahoa	1	-	10	27	0	0	11	9
Washington	0	0	1	-	0	0	1	-

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

† The totals include cases with other and unknown race.

Table 15

Geographic Distribution of Primary & Secondary Syphilis in Females by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	26	1	212	15	0	0	252	11
Acadia	<5	-	<5	-	0	0	<5	-
Allen	0	0	0	0	0	0	0	0
Ascension	0	0	0	0	0	0	0	0
Assumption	0	0	0	0	0	0	0	0
Avoyelles	0	0	0	0	0	0	0	0
Beauregard	0	0	<5	-	0	0	<5	-
Bienville	0	0	0	0	0	0	0	0
Bossier	0	0	<5	-	0	0	<5	-
Caddo	<5	-	80	67	0	0	94	37
Calcasieu	<5	-	10	21	0	0	13	7
Caldwell	0	0	0	0	0	0	0	0
Cameron	0	0	0	0	0	0	0	0
Catahoula	0	0	0	0	0	0	0	0
Claiborne	0	0	0	0	0	0	0	0
Concordia	0	0	0	0	0	0	0	0
De Soto	0	0	0	0	0	0	0	0
East Baton Rouge	<5	-	12	6	0	0	13	3
East Carroll	0	0	0	0	0	0	0	0
East Feliciana	0	0	0	0	0	0	0	0
Evangeline	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0
Grant	0	0	0	0	0	0	0	0
Iberia	<5	-	<5	-	0	0	<5	-
Iberville	0	0	<5	-	0	0	<5	-
Jackson	0	0	<5	-	0	0	<5	-
Jefferson	<5	-	<5	-	0	0	<5	-
Jefferson Davis	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0
Lafayette	6	4	21	37	0	0	28	13
Lafourche	0	0	15	118	0	0	15	16
Lincoln	0	0	<5	-	0	0	<5	-
Livingston	0	0	0	0	0	0	0	0
Madison	0	0	0	0	0	0	0	0
Morehouse	0	0	0	0	0	0	0	0
Natchitoches	0	0	0	0	0	0	0	0
Orleans	<5	-	16	8	0	0	19	6
Ouachita	<5	-	17	30	0	0	18	12
Plaquemines	0	0	0	0	0	0	0	0
Pointe Coupee	0	0	0	0	0	0	0	0
Rapides	<5	-	<5	-	0	0	6	5
Red River	0	0	0	0	0	0	0	0
Richland	<5	-	<5	-	0	0	<5	-
Sabine	0	0	0	0	0	0	0	0
St. Bernard	0	0	0	0	0	0	0	0
St. Charles	0	0	0	0	0	0	0	0
St. Helena	0	0	<5	-	0	0	<5	-
St. James	0	0	<5	-	0	0	<5	-
St. John the Baptist	0	0	0	0	0	0	0	0
St. Landry	<5	-	<5	-	0	0	5	6
St. Martin	0	0	0	0	0	0	0	0
St. Mary	0	0	0	0	0	0	0	0
St. Tammany	<5	-	7	26	0	0	9	4
Tangipahoa	<5	-	6	16	0	0	7	6
Tensas	0	0	0	0	0	0	0	0
Terrebonne	0	0	<5	-	0	0	<5	-
Union	0	0	0	0	0	0	0	0
Vermilion	0	0	0	0	0	0	0	0
Vernon	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
Webster	0	0	0	0	0	0	0	0
West Baton Rouge	0	0	<5	-	0	0	<5	-
West Carroll	0	0	0	0	0	0	0	0
West Feliciana	0	0	0	0	0	0	0	0
Winn	0	0	0	0	0	0	0	0

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

Table 16

Geographic Distribution of Primary & Secondary Syphilis in Males by Race/Ethnicity Louisiana, 2010								
Parish	White		Black/African American		Hispanic/Latino		Total [†]	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Louisiana**	22	1	237	16	<5	-	284	13
Acadia	0	0	<5	-	0	0	<5	-
Allen	0	0	0	0	0	0	0	0
Ascension	0	0	0	0	0	0	0	0
Assumption	0	0	0	0	0	0	0	0
Avoyelles	0	0	0	0	0	0	0	0
Beauregard	0	0	<5	-	0	0	<5	-
Bienville	0	0	0	0	0	0	0	0
Bossier	0	0	0	0	0	0	<5	-
Caddo	<5	-	74	62	0	0	85	33
Calcasieu	<5	-	17	36	0	0	19	10
Caldwell	0	0	0	0	0	0	0	0
Cameron	0	0	0	0	0	0	0	0
Catahoula	0	0	0	0	0	0	0	0
Claiborne	0	0	0	0	0	0	0	0
Concordia	0	0	0	0	0	0	0	0
De Soto	0	0	0	0	0	0	0	0
East Baton Rouge	<5	-	25	13	0	0	29	7
East Carroll	0	0	0	0	0	0	0	0
East Feliciana	0	0	0	0	0	0	0	0
Evangeline	<5	-	0	0	0	0	<5	-
Franklin	0	0	<5	-	0	0	<5	-
Grant	0	0	0	0	0	0	0	0
Iberia	<5	-	<5	-	0	0	<5	-
Iberville	0	0	0	0	0	0	0	0
Jackson	0	0	<5	-	0	0	<5	-
Jefferson	0	0	<5	-	<5	-	5	1
Jefferson Davis	0	0	0	0	0	0	0	0
La Salle	0	0	0	0	0	0	0	0
Lafayette	<5	-	19	34	<5	-	23	10
Lafourche	0	0	10	79	<5	-	11	11
Lincoln	0	0	<5	-	0	0	<5	-
Livingston	0	0	0	0	0	0	0	0
Madison	0	0	<5	-	0	0	<5	-
Morehouse	0	0	<5	-	0	0	<5	-
Natchitoches	<5	-	0	0	0	0	<5	-
Orleans	7	7	33	16	0	0	45	13
Ouachita	0	0	15	27	0	0	15	10
Plaquemines	0	0	0	0	0	0	0	0
Pointe Coupee	0	0	0	0	0	0	0	0
Rapides	<5	-	8	19	<5	-	10	8
Red River	0	0	0	0	0	0	0	0
Richland	0	0	<5	-	0	0	<5	-
Sabine	0	0	0	0	0	0	0	0
St. Bernard	0	0	0	0	0	0	0	0
St. Charles	0	0	<5	-	0	0	<5	-
St. Helena	0	0	0	0	0	0	0	0
St. James	0	0	0	0	0	0	0	0
St. John the Baptist	0	0	<5	-	0	0	<5	-
St. Landry	0	0	<5	-	0	0	<5	-
St. Martin	<5	-	0	0	0	0	<5	-
St. Mary	0	0	0	0	0	0	0	0
St. Tammany	0	0	<5	-	0	0	<5	-
Tangipahoa	0	0	<5	-	0	0	<5	-
Tensas	0	0	0	0	0	0	0	0
Terrebonne	<5	-	<5	-	0	0	<5	-
Union	0	0	0	0	0	0	0	0
Vermilion	0	0	0	0	0	0	0	0
Vernon	0	0	0	0	0	0	0	0
Washington	0	0	<5	-	0	0	<5	-
Webster	0	0	<5	-	0	0	<5	-
West Baton Rouge	0	0	0	0	0	0	0	0
West Carroll	0	0	0	0	0	0	0	0
West Feliciana	0	0	0	0	0	0	0	0
Winn	0	0	0	0	0	0	0	0

*Rates per 100,000 persons in parish. Rates derived from numerators less than 20 may be unreliable and are not available for numerators less than 5.

**The Louisiana Stratum includes cases with unknown parish.

† The totals include cases with other and unknown race.

[EARLY LATENT SYPHILIS | 2010]

Early latent syphilis is defined as an infection which has occurred within the previous 12 months and is no longer in the primary or secondary stages. If not detected and treated early, syphilis may lead to long-term health problems including blindness, dementia, paralysis, and other damage to internal organs.²

Table 17

Characteristics of Persons Diagnosed with Early Latent Syphilis Louisiana, 2010			
	Cases	Percent	Rate
TOTAL	740	100.0%	16.3
Sex			
Female	406	56.9%	17.5
Male	308	43.1%	13.9
Unknown	26	3.5%	-
Race/Ethnicity			
Black/African American	566	77.4%	39.2
Hispanic/Latino	93	12.7%	48.3
White	72	9.8%	2.6
Other/Unknown/Multi-race	9	1.2%	-
Age Group	Age at Diagnosis		
0-9	0	0.0%	0
10-14	3	0.4%	1.0
15-19	98	13.2%	30.0
20-24	218	29.5%	64.4
25-29	148	20.0%	44.5
30-34	90	12.2%	30.5
35-39	54	7.3%	19.5
40-44	39	5.3%	13.5
45+	90	12.2%	5.1

Table 18

Race/Ethnicity of Persons Diagnosed with Early Latent Syphilis by Sex Louisiana, 2010			
	Cases	Percent	Rate
TOTAL WITH REPORTED SEX*	714	100.0%	16.3
Female	406	56.9%	17.5
American Indian/Alaskan Native	1	0.3%	7.0
Asian/Pacific Islander	2	0.5%	5.7
Black/African American	311	81.8%	41.1
Hispanic/Latino	4	1.1%	4.6
White	62	16.3%	4.5
Other/Unknown	26	3.5%	-
Male	308	43.1%	13.9
American Indian/Alaskan Native	0	0.0%	0
Asian/Pacific Islander	1	0.3%	2.9
Black/African American	253	87.2%	36.9
Hispanic/Latino	5	1.7%	4.7
White	31	10.7%	2.3
Other/Unknown	18	2.4%	-

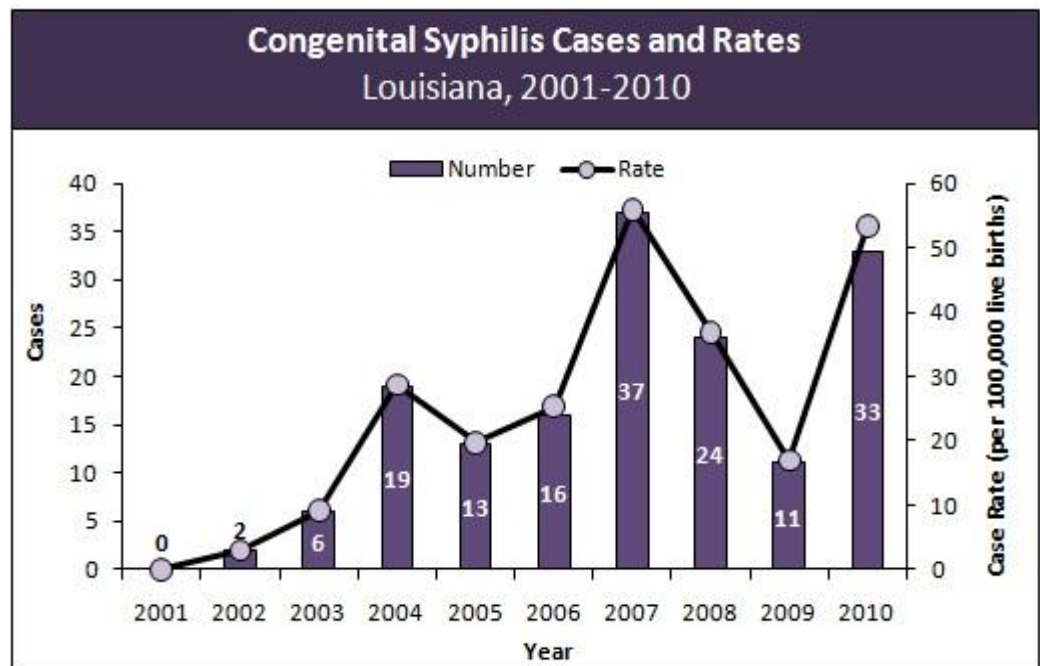
*26 cases with unknown sex are excluded.

[CONGENITAL SYPHILIS | 2010]

Congenital syphilis cases occur when a pregnant woman with syphilis passes the infection on to her infant in utero or during delivery. This can result in stillbirth, death of the newborn, or significant future health and developmental problems. Congenital syphilis can be prevented by early detection of maternal infection and treatment at least 30 days before delivery.³ Trends in congenital syphilis tend to follow trends for early syphilis in women with a one to two year lag.¹

Figure 7

The number of congenital syphilis cases in the nation reached a low of 339 cases in 2005. The number of cases then increased from 2006–2008 but has since decreased, with 377 cases reported in 2010. This represents a 15% decrease since 2008.¹ In Louisiana, there were a total of 33 congenital syphilis cases reported in 2010. This was a 200% increase in cases compared to 2009 in which 11 cases were reported. Louisiana's congenital syphilis rate increased from nearly 17 cases per 100,000 live births in 2009 to approximately 52 per 100,000 live births in 2010.¹



- In 2010, there were 33 cases of congenital syphilis (52.3 per 100,000 live births) in Louisiana. Louisiana's rate was over 5 times the national rate (8.7 per 100,000 live births).
- In 2010, 88% of mothers of congenital syphilis cases identified as black, and 21% of mothers were age 13-19 and 66% were age 20-34.
- The highest percentage of congenital syphilis cases were born in the Shreveport Region (33%), followed by the New Orleans Region (21%).
- In 2010, 45% of mothers of congenital syphilis cases received less than 5 prenatal care visits, and 18% of the mothers received no prenatal care.
- Maryland (28.2 per 100,000 live births) and Arkansas (26.6 per 100,000 live births) ranked 2nd and 3rd for congenital syphilis cases respectively. Only 28 states in the U.S. reported one or more cases of congenital syphilis in 2010.¹

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