

SEXUALLY TRANSMITTED DISEASES



2008 Annual Report

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Introduction

Louisiana consistently experiences some of the highest rates of sexually transmitted diseases (STDs) in the United States. In 2008, Louisiana had the highest rates in the nation for Primary and Secondary Syphilis and Congenital Syphilis according to the CDC's 2008 STD Surveillance Report. Additionally, Louisiana has the 2nd and 5th highest rates in the nation for Gonorrhea and Chlamydia respectively.² 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.

Chlamydia

- In 2008, there was a 21.6% increase in reported Chlamydia Cases compared to 2007.
- The 2008 rate is 533.6 new cases per 100,000 population.
- Females represented 76% of all Chlamydia infections, and women between the ages of 15 and 19 had the highest incidence rate.

Gonorrhea

- Gonorrhea cases decreased from 11,137 in 2007 to 9,766 in 2008.
- The Gonorrhea rate decreased by 14.7% from 259.4 cases per 100,000 in 2007 to 221 cases per 100,000 in 2008.
- Despite a reduction in cases, Louisiana's Gonorrhea maintained the 2nd highest rate in the nation in 2008.³

Primary and Secondary Syphilis (P&S)

- Rates of P&S Syphilis in Louisiana have steadily increased since 2002. In 2008, the rate increased by
- The 20-24 age group has the highest incidence rate for both males and females.
- Males represented 57% of the cases reported in 2008.

Table 1: STD Cases by Year, Louisiana 2000-2008

STD	2000	2001	2002	2003	2004	2005	2006	2007	2008
Chlamydia	17,846	17,840	18,442	20,970	21,837	17,227	17,885	19,362	23,536
Gonorrhea	13,245	12,253	11,387	11,850	10,538	9,572	10,883	11,137	9,766
P&S Syphilis	209	173	152	183	332	278	342	533	721

Chlamydia

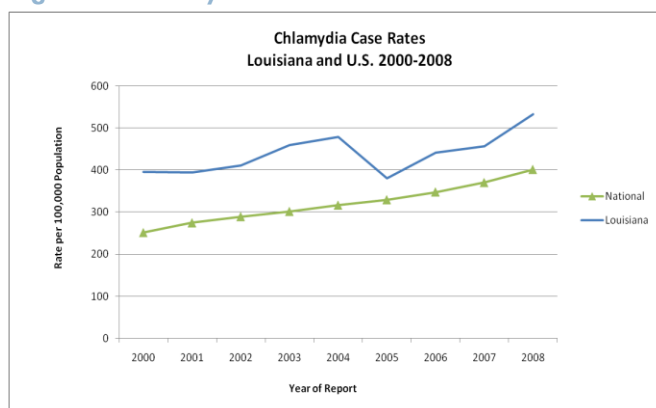
[CHLAMYDIA | 2008]

Caused by the bacterium *Chlamydia trachomatis*, Chlamydia is the most commonly reported STD in the United States.⁴ 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.⁴ Also, pregnant women with Chlamydia can pass the infection to their infants during delivery potentially causing health issues such as ophthalmia neonatorum or pneumonia.⁴

There were 23,536 cases of Chlamydia reported to the Louisiana STD Control Program in 2008, a rate of 533.6 cases per 100,000 population. This represents an 18% rate increase from 2007 to 2008. Additionally, Louisiana's ranking rose from the 7th to the 5th highest Chlamydia rate in the nation.² (Figure 1)

The number of Chlamydia cases has been increasing since 2005 with the greatest increase (21.6%) occurring from 2007 to 2008. This rise in cases is likely 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. In addition, screening for Chlamydia is performed for all sexually active female patients under the age of 31 in family planning clinics.

Figure 1: Chlamydia Case Rates



- The 2008 female Chlamydia rate of 790.8 per 100,000 women was 3.13 times the male rate of 252.1 per 100,000 men.
- Among the 17,951 female Chlamydia cases, nearly 65% were African American and 14.5% were White. Of the 5,397 male cases, 73.5% were African American and 11% were White. (Table 2)
- In 2008, the highest age-specific rate for female Chlamydia was among 15-19 year olds, and the 20-24 age group had the highest age-specific rate for males. (Figure 2)

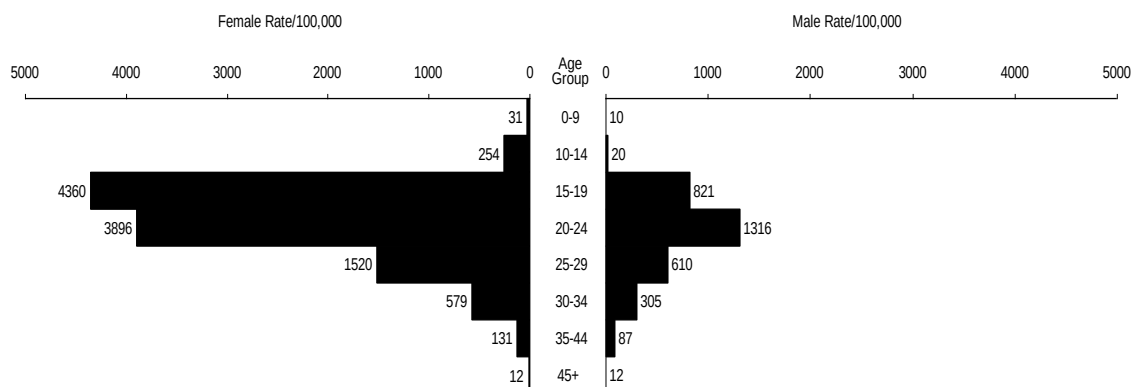


Figure 2:

Chlamydia-
Age and
Gender
Specific
Rates,
Louisiana
2008

Table 2: Chlamydia Rate, Ethnicity, and Gender Specific Rates

	Case	Chlamydia Percent	Rate	Population Number	Percent
Louisiana Total	23536	100.00%	533.60	4,410,796	100.00%
Female Total	17951	76.27%	790.79	2,269,998	51.46%
White	2591	14.53%	186.06	1,392,528	61.34%
Hispanic	103	0.57%	144.15	71,451	3.15%
Asian/Pacific Islander	82	0.44%	256.55	31,962	1.41%
African American	11639	64.85%	1574.07	739,423	32.57%
American Indian/Alaskan Native	5	0.03%	39.00	12,820	0.56%
Other/Unknown	3531	19.69%	-	-	-
Male Total	5397	22.93%	252.06	2,140,798	48.54%
White	600	11.21%	44.86	1,338,479	62.52%
Hispanic	26	0.48%	33.76	77,012	3.60%
Asian/Pacific Islander	20	0.37%	62.18	32,166	1.50%
African American	3968	73.52%	602.26	658,853	30.78%
American Indian/Alaskan Native	5	0.09%	38.71	12,916	0.60%
Other/Unknown	778	14.40%	-	-	-

*188 cases with unknown gender are excluded.

Map 1: Chlamydia Rates

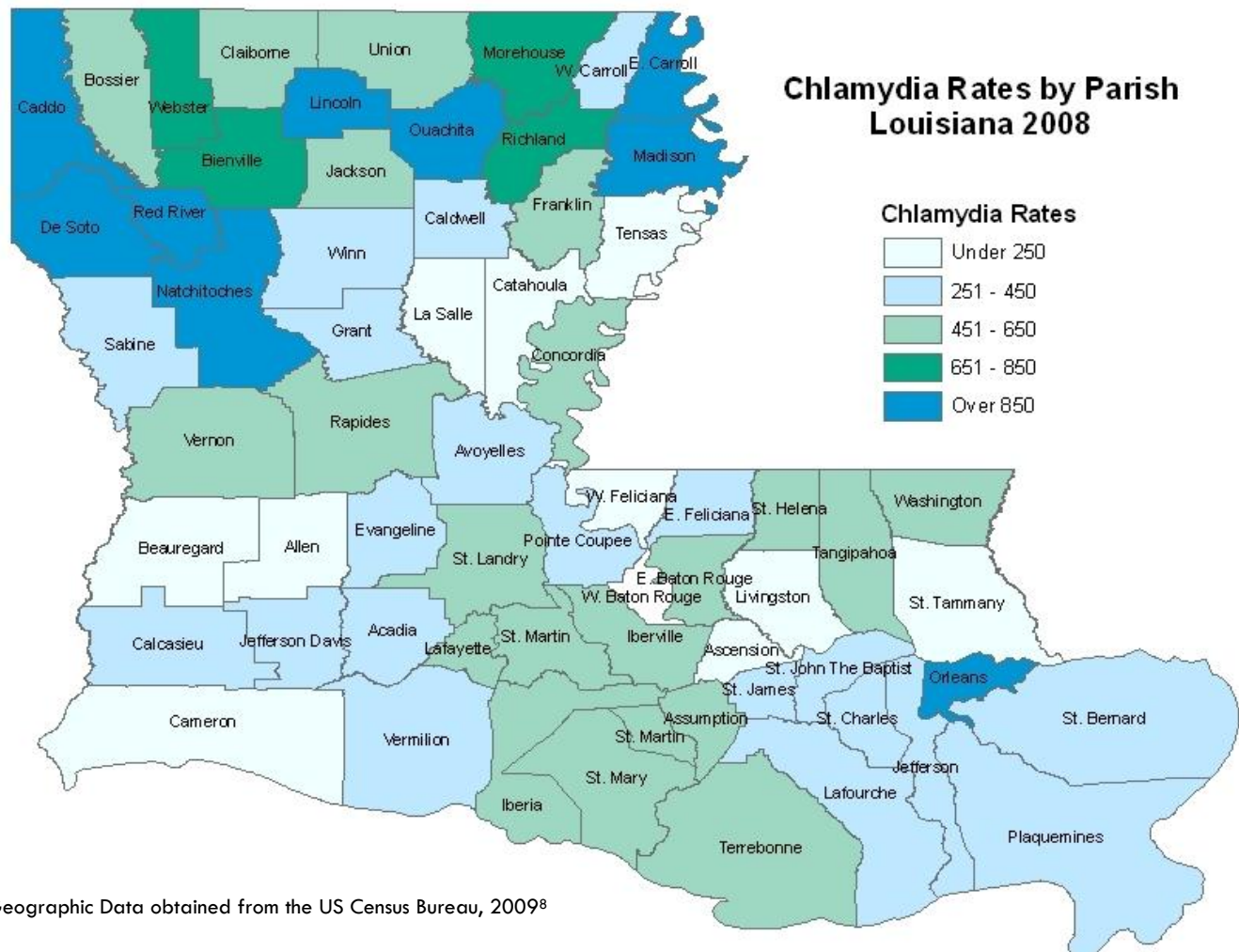


Table 3: 2008 Chlamydia by Race, Regions 1-5

Chlamydia, Regions 1-5								
Parish	White		African American		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 1	325	82.3	3108	986.4	121	124.9	4520	560.1
Jefferson	186	72.7	991	848.2	64	100.6	1672	383.3
Orleans	89	93.0	2018	1066.4	50	185.6	2653	850.7
Plaquemines	16	110.1	26	565.5	3	140.1	62	291.4
St. Bernard	34	116.7	73	1651.6	4	96.0	133	352.6
Region 2	228	65.7	2293	880.2	44	121.8	3040	472.4
Ascension	62	83.4	157	719.3	3	53.4	253	248.6
E. Baton Rouge	109	51.6	1788	944.1	38	137.2	2307	538.6
E. Feliciana	8	71.8	63	678.1	0	0.0	87	416.8
Iberville	18	114.4	129	803.5	2	262.8	185	568.4
Pointe Coupee	12	89.1	67	800.4	0	0.0	88	392.8
W. Baton Rouge	16	117.8	66	803.9	1	130.7	92	407.9
W. Feliciana	3	41.0	23	311.3	0	0.0	28	186.6
Region 3	318	121.0	887	850.5	17	61.2	1688	427.5
Assumption	7	46.9	84	1149.0	0	0.0	117	511.3
Lafourche	75	101.1	163	1307.3	1	16.8	341	368.4
St. Charles	21	60.8	68	490.3	1	31.6	130	252.2
St. James	5	48.1	69	658.0	0	0.0	83	390.9
St. John The Baptist	13	63.6	122	514.9	2	69.7	199	423.5
St. Mary	72	232.8	164	995.7	4	108.4	316	618.6
Terrebonne	125	161.3	217	1085.6	9	81.2	502	462.3
Region 4	472	120.2	1681	1044.2	38	155.9	2637	456.1
Acadia	74	156.1	101	893.3	2	148.7	198	329.6
Evangeline	27	110.9	83	797.6	0	0.0	124	348.1
Iberia	50	106.6	277	1160.3	5	115.4	423	563.3
Lafayette	161	112.2	635	1208.9	22	201.9	1011	488.5
St. Landry	68	133.0	297	765.6	2	89.3	436	473.0
St. Martin	36	104.6	189	1177.4	2	122.2	266	510.6
Vermilion	56	124.4	99	1233.5	5	163.6	179	319.1
Region 5	317	151.4	515	832.1	9	67.0	1022	358.9
Allen	21	121.4	25	405.3	1	46.0	56	218.5
Beauregard	49	173.0	30	627.6	0	0.0	84	240.2
Calcasieu	194	146.6	419	925.3	8	99.8	782	421.3
Cameron	2	30.4	2	719.4	0	0.0	4	55.3
Jefferson Davis	51	204.9	39	724.5	0	0.0	96	307.1

Table 4: 2008 Chlamydia by Race, Regions 6-9

Chlamydia, Regions 6-9								
Parish	White		African American		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 6	353	174.0	846	1058.8	19	109.5	1369	456.1
Avoyelles	46	164.2	129	996.8	2	143.2	180	424.9
Catahoula	5	68.4	18	599.2	0	0.0	26	247.1
Concordia	11	100.7	82	1088.8	0	0.0	113	592.7
Grant	29	171.7	30	1292.0	1	131.1	61	305.4
La Salle	15	126.2	14	781.7	0	0.0	31	220.5
Rapides	129	151.4	459	1106.9	4	61.9	676	507.8
Vernon	110	338.6	75	1239.7	12	169.0	228	499.6
Winn	8	78.6	39	813.3	0	0.0	54	350.5
Region 7	486	160.6	3316	1642.6	42	144.6	4274	801.1
Bienville	7	85.4	95	1539.2	0	0.0	109	740.1
Bossier	119	153.0	373	1616.3	20	212.9	557	505.2
Caddo	199	161.4	2022	1713.9	16	137.3	2471	977.1
Claiborne	13	159.5	68	887.4	1	303.0	88	545.2
De Soto	27	178.4	197	1908.4	0	0.0	253	958.8
Natchitoches	36	160.7	264	1714.3	2	112.4	351	886.9
Red River	13	256.3	70	1827.2	0	0.0	86	943.2
Sabine	32	193.2	37	931.1	1	31.7	75	316.6
Webster	40	153.6	190	1411.1	2	161.4	284	696.9
Region 8	296	140.9	2024	1608.5	29	258.7	2745	790.8
Caldwell	25	305.2	15	815.2	0	0.0	43	415.3
E. Carroll	4	163.8	78	1410.7	1	512.8	90	1102.1
Franklin	15	112.4	84	1351.6	1	223.7	121	604.8
Jackson	13	120.6	56	1368.5	0	0.0	75	493.7
Lincoln	25	105.2	327	1910.4	8	478.5	419	984.5
Madison	7	167.0	143	1994.1	0	0.0	159	1348.6
Morehouse	27	175.7	191	1511.0	2	335.6	237	828.6
Ouachita	129	139.3	904	1729.5	15	288.9	1285	856.4
Richland	25	201.0	100	1320.1	0	0.0	142	692.6
W. Carroll	0	0.0	12	388.7	0	0.0	12	210.7
Tensas	14	90.3	92	1496.2	2	192.7	123	542.0
Union	12	133.0	22	1023.7	0	0.0	39	339.3
Region 9	362	88.6	879	1000.3	15	59.2	1606	307.8
Livingston	86	79.1	66	904.2	5	116.8	191	158.8
St. Helena	5	103.4	39	717.3	0	0.0	48	455.1
St. Tammany	105	56.5	127	465.1	5	32.6	403	176.4
Tangipahoa	104	131.7	532	1578.8	4	92.7	747	638.5
Washington	62	205.3	115	813.6	1	91.7	217	477.7

Table 5: Female Chlamydia by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	2,591	186.06	11,639	1,574.07	256	185.44	17951	790.79
Acadia	61	251.2	64	1067.6	2	306.7	146	472.0
Allen	18	211.6	18	818.9	1	165.0	44	389.0
Ascension	47	125.5	126	1085.6	3	116.3	198	383.5
Assumption	5	65.6	67	1729.0	0	0.0	97	821.3
Avoyelles	42	291.0	100	1556.4	1	141.6	146	677.1
Beauregard	40	281.2	22	953.6	0	0.0	65	372.7
Bienville	5	119.3	74	2216.2	0	0.0	82	1061.4
Bossier	80	203.4	267	2196.8	15	319.8	398	708.5
Caddo	165	258.9	1553	2453.3	13	225.3	1929	1452.5
Calcasieu	161	238.0	288	1219.7	6	152.6	602	632.3
Caldwell	20	484.8	12	1467.0	0	0.0	35	686.5
Cameron	0	0.0	0	0.0	0	0.0	0	0.0
Catahoula	4	109.2	16	1099.7	0	0.0	23	441.1
Claiborne	11	274.1	56	1554.7	1	555.6	73	936.5
Concordia	9	160.8	68	1733.8	0	0.0	95	973.7
De Soto	22	286.2	162	2879.0	0	0.0	205	1488.7
East Baton Rouge	81	75.2	1286	1272.6	26	196.6	1640	738.5
East Carroll	4	338.4	65	2432.6	1	1020.4	73	1847.2
East Feliciana	7	131.3	49	1182.7	0	0.0	70	721.7
Evangeline	24	194.9	66	1297.7	0	0.0	104	583.8
Franklin	11	159.1	64	1928.9	0	0.0	87	831.7
Grant	24	280.2	24	1927.7	0	0.0	49	481.4
Iberia	45	187.4	211	1646.4	5	235.6	342	878.1
Iberville	14	176.3	98	1227.0	1	277.8	131	804.2
Jackson	12	217.0	37	1651.8	0	0.0	55	694.2
Jefferson	157	118.2	709	1140.5	51	159.3	1237	545.0
Jefferson Davis	39	302.5	30	1048.6	0	0.0	73	449.8
Lafayette	132	180.4	450	1624.8	17	326.3	758	714.7
Lafourche	61	161.0	119	1770.0	1	34.8	270	568.7
La Salle	12	197.3	7	1044.8	0	0.0	20	287.9
Lincoln	20	168.7	239	2622.6	8	1020.4	317	1457.5
Livingston	63	114.7	49	1275.7	3	140.1	144	236.4
Madison	6	284.2	119	3239.9	0	0.0	133	2233.4
Morehouse	21	266.7	143	2106.3	1	352.1	179	1197.5
Natchitoches	31	267.3	189	2308.8	2	226.2	267	1291.9
Orleans	60	125.5	1412	1343.3	38	281.3	1914	1150.1
Ouachita	115	240.1	705	2498.2	10	385.7	1017	1292.0
Plaquemines	11	152.7	19	814.1	3	293.5	49	464.0
Pointe Coupee	10	147.6	58	1291.5	0	0.0	76	658.3
Rapides	114	258.6	353	1610.5	2	63.2	542	783.7
Red River	13	500.4	53	2545.6	0	0.0	69	1442.6
Richland	23	351.7	86	2109.4	0	0.0	120	1104.5
Sabine	30	358.5	29	1351.4	0	0.0	62	513.0
St. Bernard	30	196.5	55	2401.7	4	195.1	105	535.6
St. Charles	17	97.6	40	544.2	1	63.3	87	330.2
St. Helena	5	204.5	32	1114.2	0	0.0	38	696.7
St. James	4	76.4	55	985.8	0	0.0	68	618.7
St. John The Baptist	12	116.7	82	658.5	2	137.4	146	603.5
St. Landry	56	213.6	209	1011.4	1	92.9	328	683.9
St. Martin	30	173.7	142	1683.3	1	127.7	205	773.9
St. Mary	56	355.2	138	1573.9	3	172.0	265	1008.4
St. Tammany	80	84.6	87	610.0	4	51.6	307	263.4
Tangipahoa	83	205.7	423	2347.5	2	98.1	597	988.3
Tensas	0	0.0	11	723.7	0	0.0	11	390.8
Terrebonne	97	246.6	154	1465.0	5	93.3	393	711.8
Union	11	138.2	79	2421.1	2	404.0	104	887.4
Vermilion	50	215.8	75	1739.7	4	277.2	144	497.8
Vernon	77	483.2	51	2001.6	9	253.4	165	748.8
Washington	54	348.7	90	1257.3	0	0.0	179	771.1
Webster	31	233.3	155	2145.3	2	332.2	228	1079.8
West Baton Rouge	13	190.2	48	1117.3	0	0.0	66	576.0
West Carroll	10	218.4	19	2047.4	0	0.0	31	548.7
West Feliciana	3	95.7	15	780.8	0	0.0	20	388.3
Winn	7	138.5	33	1643.4	0	0.0	46	633.5

*The totals include cases with unknown race.

**The Louisiana strata include cases with unknown parish.

Table 6: Male Chlamydia by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	600	44.86	3,968	602.26	81	56.46	5,397	252.06
Acadia	13	56.2	37	696.5	0	0.0	51	175.0
Allen	3	34.2	6	151.1	0	0.0	11	76.8
Ascension	15	40.6	31	303.3	0	0.0	54	107.6
Assumption	2	27.4	17	494.8	0	0.0	20	180.7
Avoyelles	4	29.4	29	445.0	1	144.7	34	163.5
Beauregard	8	56.7	8	323.5	0	0.0	17	96.9
Bienville	2	50.0	21	741.3	0	0.0	27	385.6
Bossier	39	101.4	101	924.7	5	106.4	152	281.1
Caddo	33	55.4	463	846.9	3	51.0	531	442.2
Calcasieu	33	51.0	129	595.2	2	49.0	178	196.9
Caldwell	5	122.9	3	293.5	0	0.0	8	152.2
Cameron	2	60.0	2	1418.4	0	0.0	4	108.5
Catahoula	1	27.4	2	129.1	0	0.0	3	56.5
Claiborne	2	48.4	12	295.5	0	0.0	15	179.7
Concordia	2	37.5	14	387.9	0	0.0	17	182.7
De Soto	5	67.2	35	745.3	0	0.0	47	372.5
East Baton Rouge	27	26.1	485	549.1	11	76.1	624	302.5
East Carroll	0	0.0	13	455.0	0	0.0	15	356.0
East Feliciana	1	17.2	12	233.1	0	0.0	15	134.2
Evangeline	3	24.9	15	282.0	0	0.0	18	101.1
Franklin	4	62.2	20	690.4	1	458.7	30	314.3
Grant	5	60.1	6	557.1	1	253.2	12	122.5
Iberia	5	21.9	66	596.9	0	0.0	81	224.1
Iberville	4	51.4	29	359.4	1	249.4	52	319.9
Jackson	1	19.1	19	1025.9	0	0.0	20	275.2
Jefferson	28	22.8	279	510.3	13	41.1	423	202.2
Jefferson Davis	12	100.0	9	356.9	0	0.0	23	153.0
Lafayette	28	39.8	185	745.0	5	87.9	252	249.7
Lafourche	14	38.6	42	731.1	0	0.0	69	153.0
La Salle	3	51.6	7	624.4	0	0.0	11	154.6
Lincoln	5	41.9	87	1087.0	0	0.0	100	480.5
Livingston	23	42.8	16	462.7	2	93.5	46	77.5
Madison	1	48.1	24	686.1	0	0.0	26	445.6
Morehouse	6	80.1	48	820.2	1	320.5	58	424.8
Natchitoches	5	46.3	75	1039.6	0	0.0	84	444.2
Orleans	29	60.6	595	707.3	12	89.3	718	493.7
Ouachita	14	31.3	199	827.4	5	192.3	264	370.1
Plaquemines	5	68.2	7	309.2	0	0.0	13	121.3
Pointe Coupee	2	29.9	9	232.0	0	0.0	12	110.5
Rapides	14	34.0	106	542.2	2	60.6	133	207.9
Red River	0	0.0	17	972.0	0	0.0	17	392.2
Richland	2	33.9	14	400.2	0	0.0	19	197.2
Sabine	2	24.4	8	437.6	1	63.3	13	112.0
St. Bernard	4	28.8	18	845.1	0	0.0	28	154.5
St. Charles	4	23.4	28	429.4	0	0.0	43	170.6
St. Helena	0	0.0	6	233.9	0	0.0	9	176.7
St. James	1	19.4	14	285.3	0	0.0	15	146.5
St. John The Baptist	1	9.9	39	346.9	0	0.0	52	228.1
St. Landry	12	48.2	87	479.9	1	85.9	105	237.5
St. Martin	6	35.0	47	617.0	1	117.1	60	234.3
St. Mary	14	92.4	25	324.6	1	51.4	48	193.5
St. Tammany	24	26.3	39	298.9	0	0.0	93	83.1
Tangipahoa	20	51.8	107	682.5	1	44.0	139	245.6
Tensas	0	0.0	1	63.8	0	0.0	1	34.7
Terrebonne	27	70.8	63	664.8	4	69.8	108	202.4
Union	3	39.8	13	450.5	0	0.0	19	173.2
Vermilion	6	27.5	24	646.0	1	62.0	35	128.8
Vernon	33	199.4	22	628.2	3	84.5	61	258.4
Washington	8	54.4	25	358.4	1	191.2	38	171.0
Webster	9	70.5	35	560.9	0	0.0	51	259.7
West Baton Rouge	3	44.5	18	459.9	1	229.4	26	234.4
West Carroll	2	45.0	2	163.8	0	0.0	7	119.8
West Feliciana	0	0.0	8	146.3	0	0.0	8	81.2
Winn	1	19.5	6	215.3	0	0.0	8	98.2

*The totals include cases with unknown race.

**The Louisiana strata include cases with unknown parish.

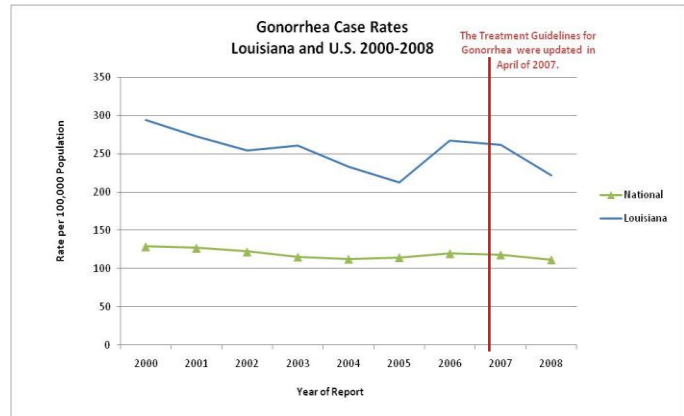
Gonorrhea

[GONORRHEA | 2008]

Gonorrhea is caused by the bacteria, *Neisseria gonorrhea*.⁵ 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.⁵ Gonorrhea is a common cause of epididymis in men and PID in women, and both of these conditions can lead to infertility.⁵ Also, pregnant women with Gonorrhea may infect their infants during delivery which can potentially cause blindness, joint infection, or a blood infection in babies.⁵

Figure 3: Gonorrhea Case Rates

On April 13, 2007, the CDC released updated guidelines for the treatment of Gonorrhea in the United States.⁶ The announcement stated that due to increasing resistance seen in gonococcal isolates, fluoroquinolones are no longer recommended for the treatment of Gonorrhea.⁶ In previous studies, 15.1% of gonococcal isolates showed Fluoroquinolone resistance in 2006 and 16.1% in 2007.⁶ The options for treating Gonorrhea are now limited to one class of antibiotics called cephalosporins.⁶ Since fluoroquinolones such as ciprofloxacin were frequently used to treat gonorrhea, this announcement likely influenced Gonorrhea data for 2008.



- During 2008, there were 9,766 cases of Gonorrhea reported, a 12.3% decrease from 2007 and a 14.7% decrease in the Gonorrhea rate for Louisiana. This decrease may be attributed to a reduction in unsuccessful fluoroquinolone treatments of Gonorrhea.
- African Americans represented 75% of the 2008 Gonorrhea cases. Approximately 72% of females with Gonorrhea were African American and 81% of males. (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)

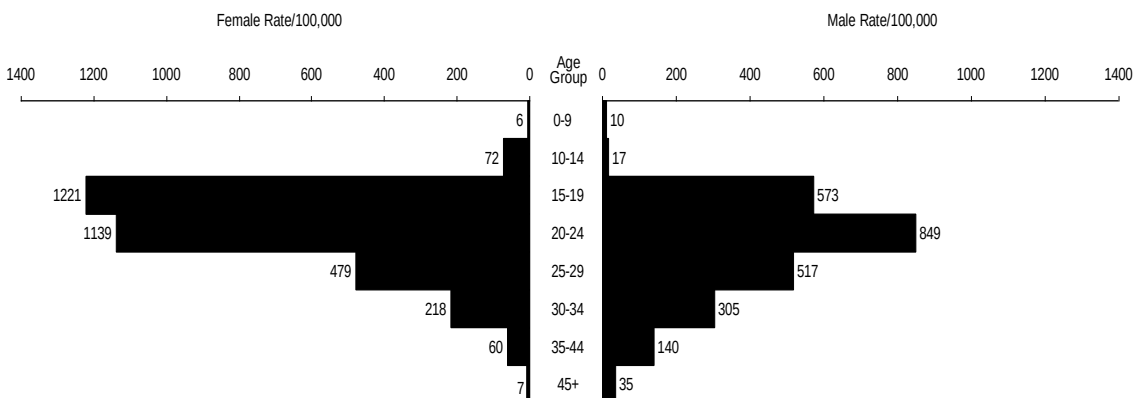


Figure 4:
Gonorrhea-
Age and
Gender
Specific
Rates,
Louisiana
2008

Table 7: Gonorrhea Rate, Ethnicity, and Gender Specific Rates

	Case	Gonorrhea Percent	Rate	Population Number	Percent
Louisiana Total	9766	100.00%	221.41	4,410,796	100.00%
Female Total	5358	54.86%	236.04	2,269,998	51.46%
White	657	12.26%	47.18	1,392,528	61.34%
Hispanic	14	0.26%	19.59	71,451	3.15%
Asian/Pacific Islander	22	0.41%	68.83	31,962	1.41%
African American	3865	72.14%	522.70	739,423	32.57%
American Indian/Alaskan Native	0	0.00%	0.00	12,820	0.56%
Other/Unknown	800	14.93%	-	-	-
Male Total	4361	44.65%	203.71	2,140,798	48.54%
White	295	6.76%	22.04	1,338,479	62.52%
Hispanic	21	0.48%	27.27	77,012	3.60%
Asian/Pacific Islander	4	0.09%	12.44	32,166	1.50%
African American	3525	80.83%	535.02	658,853	30.78%
American Indian/Alaskan Native	0	0.00%	0.00	12,916	0.60%
Other/Unknown	516	11.83%	-	-	-

*47 cases with unknown gender are excluded from the race/ethnicity strata

Map 2: Gonorrhea Rates

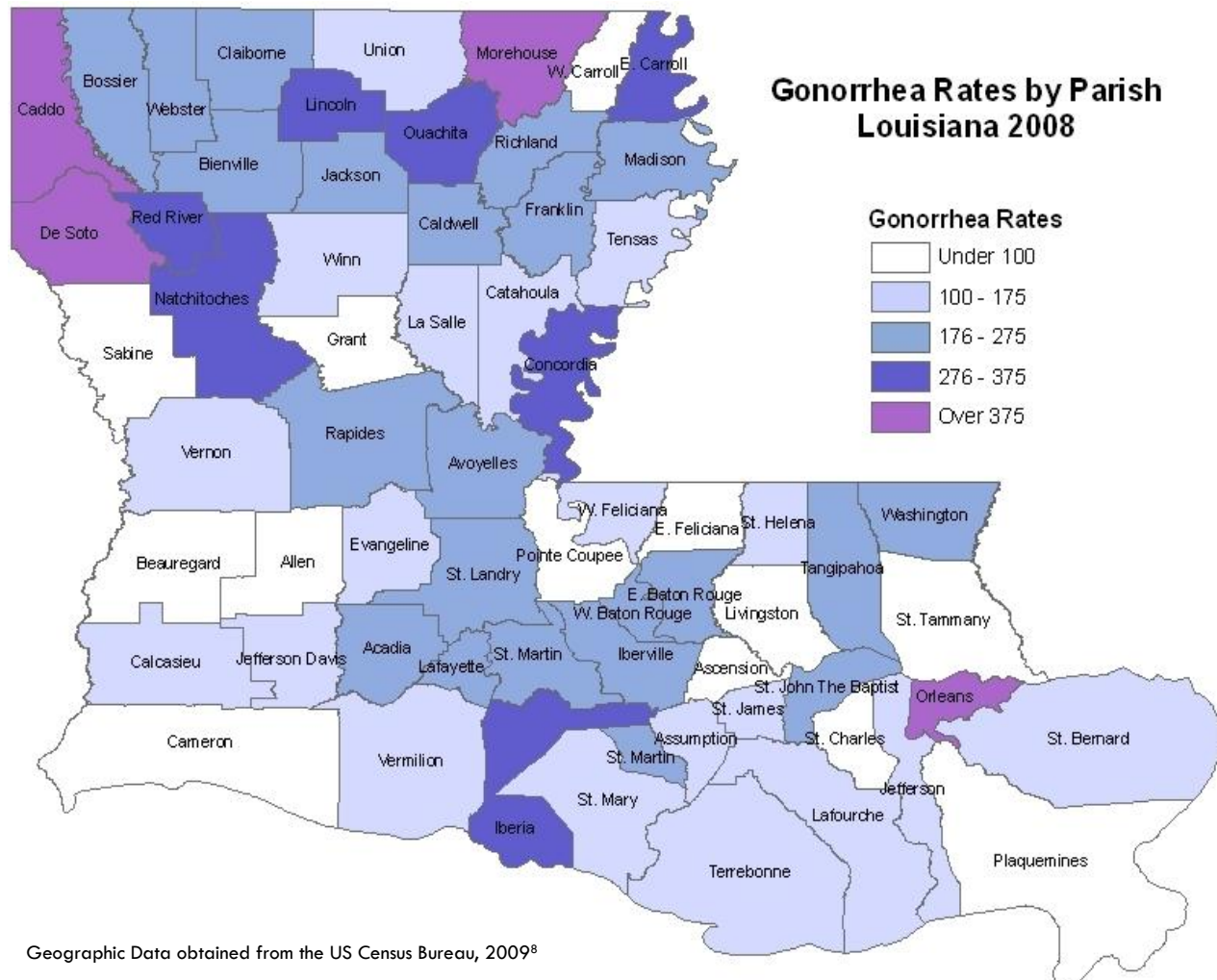


Table 8: 2008 Gonorrhea by Race, Regions 1-5

Gonorrhea, Regions 1-5								
Parish	White		African American		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 1	111	28.1	1468	465.9	33	34.1	1893	234.6
Jefferson	50	19.6	366	313.3	9	14.1	546	125.2
Orleans	49	51.2	1076	568.6	22	81.6	1297	415.9
Plaquemines	2	13.8	6	130.5	0	0.0	12	56.4
St. Bernard	10	34.3	20	452.5	2	48.0	38	100.7
Region 2	89	25.7	962	369.3	12	33.2	1252	194.6
Ascension	22	29.6	56	256.6	0	0.0	87	85.5
E. Baton Rouge	43	20.4	790	417.1	11	39.7	1000	233.4
E. Feliciana	3	26.9	11	118.4	0	0.0	16	76.7
Iberville	7	44.5	42	261.6	1	131.4	61	187.4
Pointe Coupee	3	22.3	15	179.2	0	0.0	19	84.8
W. Baton Rouge	5	36.8	36	438.5	0	0.0	46	204.0
W. Feliciana	6	81.9	12	162.4	0	0.0	23	153.3
Region 3	82	31.2	325	311.6	6	21.6	528	133.7
Assumption	1	6.7	23	314.6	0	0.0	30	131.1
Lafourche	15	20.2	62	497.3	2	33.7	98	105.9
St. Charles	4	11.6	26	187.5	0	0.0	37	71.8
St. James	2	19.3	22	209.8	0	0.0	29	136.6
St. John The Baptist	3	14.7	66	278.5	0	0.0	90	191.5
St. Mary	11	35.6	48	291.4	1	27.1	88	172.3
Terrebonne	46	59.4	78	390.2	3	27.1	156	143.7
Region 4	185	47.1	1020	633.6	11	45.1	1391	240.6
Acadia	43	90.7	69	610.2	1	74.3	121	201.4
Evangeline	9	37.0	44	422.8	0	0.0	56	157.2
Iberia	24	51.2	207	867.1	3	69.3	279	371.5
Lafayette	54	37.6	383	729.1	7	64.2	508	245.4
St. Landry	22	43.0	156	402.1	0	0.0	202	219.2
St. Martin	15	43.6	108	672.8	0	0.0	141	270.6
Vermilion	18	40.0	53	660.4	0	0.0	84	149.7
Region 5	68	32.5	225	363.5	2	14.9	356	125.0
Allen	5	28.9	13	210.8	1	46.0	23	89.7
Beauregard	8	28.2	14	292.9	0	0.0	29	82.9
Calcasieu	38	28.7	181	399.7	1	12.5	265	142.8
Cameron	0	0.0	0	0.0	0	0.0	2	27.6
Jefferson Davis	17	68.3	17	315.8	0	0.0	37	118.4

Table 9: 2008 Gonorrhea by Race, Regions 6-9

Gonorrhea, Regions 6-9								
Parish	White		African American		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 6	94	46.3	407	509.4	6	34.6	555	184.9
Avoyelles	20	71.4	77	595.0	0	0.0	100	236.1
Catahoula	2	27.4	10	332.9	0	0.0	14	133.1
Concordia	3	27.5	40	531.1	0	0.0	53	278.0
Grant	6	35.5	7	301.5	0	0.0	13	65.1
La Salle	5	42.1	11	614.2	0	0.0	18	128.0
Rapides	30	35.2	219	528.1	5	77.4	284	213.3
Vernon	25	77.0	30	495.9	1	14.1	57	124.9
Winn	3	29.5	13	271.1	0	0.0	16	103.8
Region 7	143	47.3	1696	840.1	11	37.9	1982	371.5
Bienville	1	12.2	27	437.5	0	0.0	29	196.9
Bossier	34	43.7	189	819.0	4	42.6	237	215.0
Caddo	65	52.7	1155	979.0	6	51.5	1319	521.6
Claiborne	8	98.2	25	326.2	0	0.0	33	204.4
De Soto	7	46.3	81	784.7	0	0.0	99	375.2
Natchitoches	10	44.6	105	681.8	0	0.0	122	308.3
Red River	4	78.8	27	704.8	0	0.0	32	351.0
Sabine	6	36.2	11	276.8	1	31.7	18	76.0
Webster	8	30.7	76	564.4	0	0.0	93	228.2
Region 8	75	35.7	887	704.9	10	89.2	1086	312.9
Caldwell	6	73.2	15	815.2	0	0.0	22	212.5
E. Carroll	0	0.0	29	524.5	0	0.0	30	367.4
Franklin	4	30.0	45	724.1	0	0.0	55	274.9
Jackson	8	74.2	25	610.9	0	0.0	34	223.8
Lincoln	8	33.7	108	631.0	1	59.8	125	293.7
Madison	1	23.9	21	292.8	1	233.6	24	203.6
Morehouse	10	65.1	122	965.1	0	0.0	142	496.5
Ouachita	30	32.4	450	860.9	7	134.8	561	373.9
Richland	2	16.1	36	475.2	0	0.0	41	200.0
W. Carroll	1	41.3	6	194.4	0	0.0	8	140.5
Tensas	5	32.2	24	390.3	1	96.3	35	154.2
Union	0	0.0	6	279.2	0	0.0	9	78.3
Region 9	96	23.5	348	396.0	4	15.8	518	99.3
Livingston	25	23.0	14	191.8	1	23.4	46	38.3
St. Helena	1	20.7	9	165.5	0	0.0	11	104.3
St. Tammany	21	11.3	43	157.5	3	19.5	91	39.8
Tangipahoa	37	46.8	225	667.7	0	0.0	288	246.2
Washington	12	39.7	57	403.3	0	0.0	82	180.5

Table 10: Female Gonorrhea by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	657	47.18	3865	522.70	43	31.15	5358	236.06
Acadia	28	115.3	28	467.1	1	153.4	63	203.7
Allen	4	47.0	5	227.5	1	165.0	12	106.1
Ascension	13	34.7	24	206.8	0	0.0	41	79.4
Assumption	1	13.1	14	361.3	0	0.0	18	152.4
Avoyelles	18	124.7	38	591.4	0	0.0	58	269.0
Beauregard	8	56.2	7	303.4	0	0.0	18	103.2
Bienville	1	23.9	14	419.3	0	0.0	15	194.1
Bossier	23	58.5	95	781.6	1	21.3	127	226.1
Caddo	45	70.6	655	1034.7	6	104.0	768	578.3
Calcasieu	30	44.3	92	389.6	0	0.0	153	160.7
Caldwell	4	97.0	7	855.7	0	0.0	12	235.4
Cameron	0	0.0	0	0.0	0	0.0	2	56.3
Catahoula	2	54.6	9	618.6	0	0.0	13	249.3
Claiborne	7	174.4	15	416.4	0	0.0	22	282.2
Concordia	2	35.7	33	841.4	0	0.0	42	430.5
De Soto	5	65.0	46	817.5	0	0.0	55	399.4
East Baton Rouge	23	21.3	371	367.1	8	60.5	470	211.7
East Carroll	0	0.0	22	823.4	0	0.0	22	556.7
East Feliciana	3	56.3	2	48.3	0	0.0	6	61.9
Evangeline	8	65.0	27	530.9	0	0.0	36	202.1
Franklin	3	43.4	25	753.5	0	0.0	34	325.0
Grant	4	46.7	4	321.3	0	0.0	8	78.6
Iberia	19	79.1	115	897.3	2	94.3	163	418.5
Iberville	7	88.1	25	313.0	1	277.8	39	239.4
Jackson	6	108.5	11	491.1	0	0.0	18	227.2
Jefferson	31	23.3	174	279.9	4	12.5	279	122.9
Jefferson Davis	15	116.4	7	244.7	0	0.0	24	147.9
Lafayette	38	51.9	190	686.0	4	76.8	275	259.3
Lafourche	9	23.8	24	357.0	2	69.6	47	99.0
La Salle	4	65.8	7	1044.8	0	0.0	12	172.7
Lincoln	4	33.7	55	603.5	1	127.6	63	289.7
Livingston	16	29.1	8	208.3	0	0.0	27	44.3
Madison	1	47.4	13	353.9	1	584.8	16	268.7
Morehouse	4	50.8	68	1001.6	0	0.0	78	521.8
Natchitoches	8	69.0	50	610.8	0	0.0	62	300.0
Orleans	18	37.7	484	460.4	8	59.2	601	361.1
Ouachita	24	50.1	259	917.8	5	192.8	337	428.1
Plaquemines	0	0.0	4	171.4	0	0.0	6	56.8
Pointe Coupee	2	29.5	7	155.9	0	0.0	9	78.0
Rapides	24	54.5	122	556.6	2	63.2	167	241.5
Red River	4	154.0	13	624.4	0	0.0	18	376.3
Richland	1	15.3	24	588.7	0	0.0	25	230.1
Sabine	5	59.8	8	372.8	0	0.0	13	107.6
St. Bernard	8	52.4	15	655.0	1	48.8	28	142.8
St. Charles	3	17.2	16	217.7	0	0.0	20	75.9
St. Helena	1	40.9	5	174.1	0	0.0	6	110.0
St. James	2	38.2	16	286.8	0	0.0	20	182.0
St. John The Baptist	0	0.0	29	232.9	0	0.0	43	177.7
St. Landry	11	42.0	77	372.6	0	0.0	104	216.8
St. Martin	11	63.7	56	663.8	0	0.0	76	286.9
St. Mary	8	50.7	27	307.9	0	0.0	54	205.5
St. Tammany	11	11.6	21	147.2	2	25.8	51	43.8
Tangipahoa	29	71.9	141	782.5	0	0.0	192	317.8
Tensas	1	83.7	3	197.4	0	0.0	4	142.1
Terrebonne	30	76.3	45	428.1	2	37.3	99	179.3
Union	5	62.8	15	459.7	1	202.0	25	213.3
Vermilion	15	64.7	33	765.5	0	0.0	55	190.1
Vernon	13	81.6	14	549.5	0	0.0	28	127.1
Washington	11	71.0	33	461.0	0	0.0	54	232.6
Webster	7	52.7	47	650.5	0	0.0	61	288.9
West Baton Rouge	4	58.5	19	442.3	0	0.0	24	209.4
West Carroll	0	0.0	5	538.8	0	0.0	6	106.2
West Feliciana	5	159.4	7	364.4	0	0.0	14	271.8
Winn	1	19.8	7	348.6	0	0.0	8	110.2

*The totals include cases with unknown race.

**The Louisiana strata include cases with unknown parish.

Table 11: Male Gonorrhea by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	295	22.04	3525	535.02	42	29.28	4361	203.71
Acadia	15	64.8	41	771.8	0	0.0	57	195.6
Allen	1	11.4	8	201.5	0	0.0	11	76.8
Ascension	9	24.4	32	313.1	0	0.0	46	91.7
Assumption	0	0.0	9	261.9	0	0.0	12	108.4
Avoyelles	2	14.7	39	598.4	0	0.0	42	201.9
Beauregard	0	0.0	7	283.1	0	0.0	11	62.7
Bienville	0	0.0	13	458.9	0	0.0	14	199.9
Bossier	10	26.0	94	860.6	3	63.8	109	201.6
Caddo	19	31.9	495	905.4	0	0.0	544	453.0
Calcasieu	8	12.4	89	410.7	1	24.5	112	123.9
Caldwell	2	49.2	8	782.8	0	0.0	10	190.3
Cameron	0	0.0	0	0.0	0	0.0	0	0.0
Catahoula	0	0.0	1	64.6	0	0.0	1	18.8
Claiborne	1	24.2	10	246.2	0	0.0	11	131.8
Concordia	1	18.8	7	194.0	0	0.0	11	118.2
De Soto	2	26.9	35	745.3	0	0.0	44	348.7
East Baton Rouge	20	19.3	415	469.8	3	20.7	525	254.5
East Carroll	0	0.0	7	245.0	0	0.0	7	166.1
East Feliciana	0	0.0	9	174.8	0	0.0	10	89.5
Evangeline	0	0.0	16	300.8	0	0.0	18	101.1
Franklin	1	15.5	20	690.4	0	0.0	21	220.0
Grant	2	24.0	3	278.6	0	0.0	5	51.0
Iberia	5	21.9	92	832.0	1	45.2	114	315.4
Iberville	0	0.0	17	210.7	0	0.0	21	129.2
Jackson	2	38.1	14	755.9	0	0.0	16	220.1
Jefferson	19	15.5	190	347.5	5	15.8	265	126.7
Jefferson Davis	2	16.7	10	396.5	0	0.0	13	86.5
Lafayette	16	22.7	193	777.2	3	52.7	233	230.9
Lafourche	6	16.5	38	661.4	0	0.0	51	113.1
La Salle	1	17.2	4	356.8	0	0.0	6	84.3
Lincoln	4	33.6	53	662.2	0	0.0	62	297.9
Livingston	9	16.7	6	173.5	1	46.7	19	32.0
Madison	0	0.0	8	228.7	0	0.0	8	137.1
Morehouse	6	80.1	54	922.8	0	0.0	64	468.7
Natchitoches	2	18.5	55	762.4	0	0.0	60	317.3
Orleans	31	64.8	588	699.0	14	104.2	688	473.1
Ouachita	6	13.4	191	794.2	2	76.9	224	314.0
Plaquemines	2	27.3	2	88.3	0	0.0	6	56.0
Pointe Coupee	1	14.9	8	206.2	0	0.0	10	92.1
Rapides	6	14.6	97	496.2	3	91.0	117	182.9
Red River	0	0.0	14	800.5	0	0.0	14	323.0
Richland	1	17.0	12	343.1	0	0.0	16	166.0
Sabine	1	12.2	3	164.1	1	63.3	5	43.1
St. Bernard	2	14.4	5	234.7	1	47.3	10	55.2
St. Charles	1	5.8	10	153.4	0	0.0	17	67.5
St. Helena	0	0.0	4	155.9	0	0.0	5	98.2
St. James	0	0.0	6	122.3	0	0.0	9	87.9
St. John The Baptist	3	29.6	37	329.1	0	0.0	47	206.1
St. Landry	11	44.1	78	430.3	0	0.0	96	217.1
St. Martin	4	23.3	52	682.7	0	0.0	64	249.9
St. Mary	3	19.8	21	272.7	0	0.0	33	133.0
St. Tammany	10	11.0	21	161.0	1	13.1	39	34.9
Tangipahoa	8	20.7	84	535.8	0	0.0	96	169.6
Tensas	0	0.0	3	191.4	0	0.0	4	138.9
Terrebonne	15	39.3	33	348.2	1	17.5	56	104.9
Union	0	0.0	9	311.9	0	0.0	10	91.1
Vermilion	3	13.7	20	538.4	0	0.0	28	103.1
Vernon	10	60.4	14	399.8	1	28.2	25	105.9
Washington	1	6.8	24	344.0	0	0.0	28	126.0
Webster	1	7.8	29	464.7	0	0.0	30	152.8
West Baton Rouge	1	14.8	17	434.3	0	0.0	22	198.3
West Carroll	0	0.0	1	81.9	0	0.0	3	51.3
West Feliciana	1	23.9	5	91.5	0	0.0	9	91.4
Winn	2	39.0	6	215.3	0	0.0	8	98.2

*The totals include cases with unknown race.

**The Louisiana strata include cases with unknown parish.

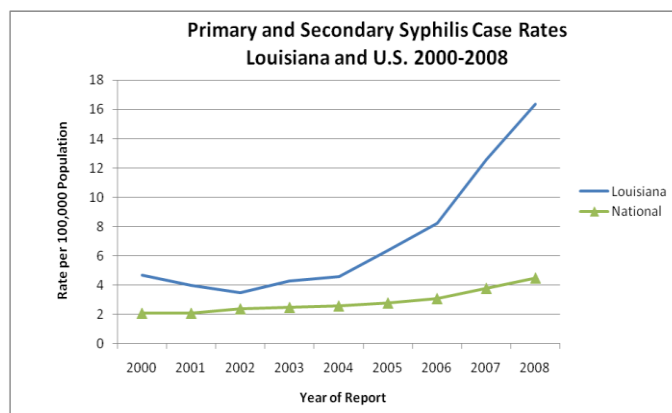
Syphilis

[PRIMARY AND SECONDARY SYPHILIS | 2008]

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.⁷ The Primary and Secondary stages are the most infectious stages of Syphilis.

According to CDC Surveillance reports, Louisiana has consistently had high rates of Primary and Secondary Syphilis (P & S Syphilis) compared to other U.S states. Since 2006, Louisiana has ranked highest in the nation for Primary and Secondary Syphilis rates. Between 2007 and 2008, the rate increased by 30.2% from 12.6 to 16.4 per 100,000 population.

Figure 5: Primary and Secondary Case Rates



- There were 721 cases reported in 2008, a 35.3% increase compared to 533 cases reported in 2007.
- Nearly 86% of the 2008 cases were African American reflecting the significant health disparity that exists in Louisiana.
- In 2008, approximately 57% of Primary and Secondary Syphilis cases were males. (Table 12) Males also had the highest age and gender specific rate which was 52 per 100,000 in the male population aged 20 to 24 years. (Figure 6)

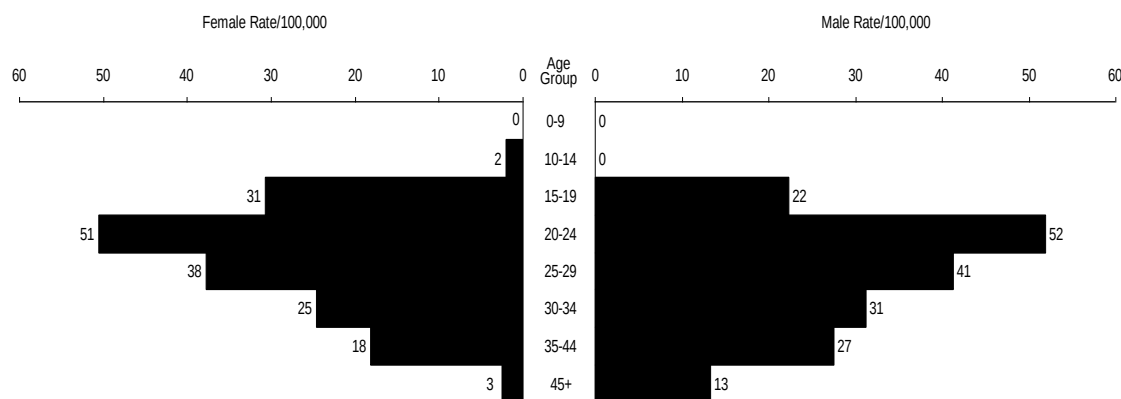


Figure 6:

Primary and Secondary Syphilis-Age and Gender Specific Rates, Louisiana 2008

Table 12: Primary and Secondary Syphilis Rate, Ethnicity, and Gender Specific Rates

	P&S Syphilis			Population	
	Case	Percent	Rate	Number	Percent
Louisiana Total	721	100.00%	16.35	4,410,796	100.00%
Female Total	310	43.00%	13.66	2,269,998	51.46%
White	39	12.58%	2.80	1,392,528	61.34%
Hispanic	1	0.32%	1.40	71,451	3.39%
Asian/Pacific Islander	0	0.00%	0.00	31,962	1.41%
African American	270	87.10%	36.51	739,423	32.57%
American Indian/Alaskan Native	0	0.00%	0.00	12,820	0.56%
Other/Unknown	0	0.00%	-	-	-
Male Total	411	57.00%	19.20	2,140,798	48.54%
White	51	12.41%	3.81	1,338,479	62.52%
Hispanic	6	1.46%	8.40	77,012	3.60%
Asian/Pacific Islander	1	0.24%	3.11	32,166	1.50%
African American	349	84.91%	52.97	658,853	30.78%
American Indian/Alaskan Native	0	0.00%	0.00	12,916	0.60%
Other/Unknown	4	0.97%	-	-	-

Map 3: Primary and Secondary Syphilis Rates

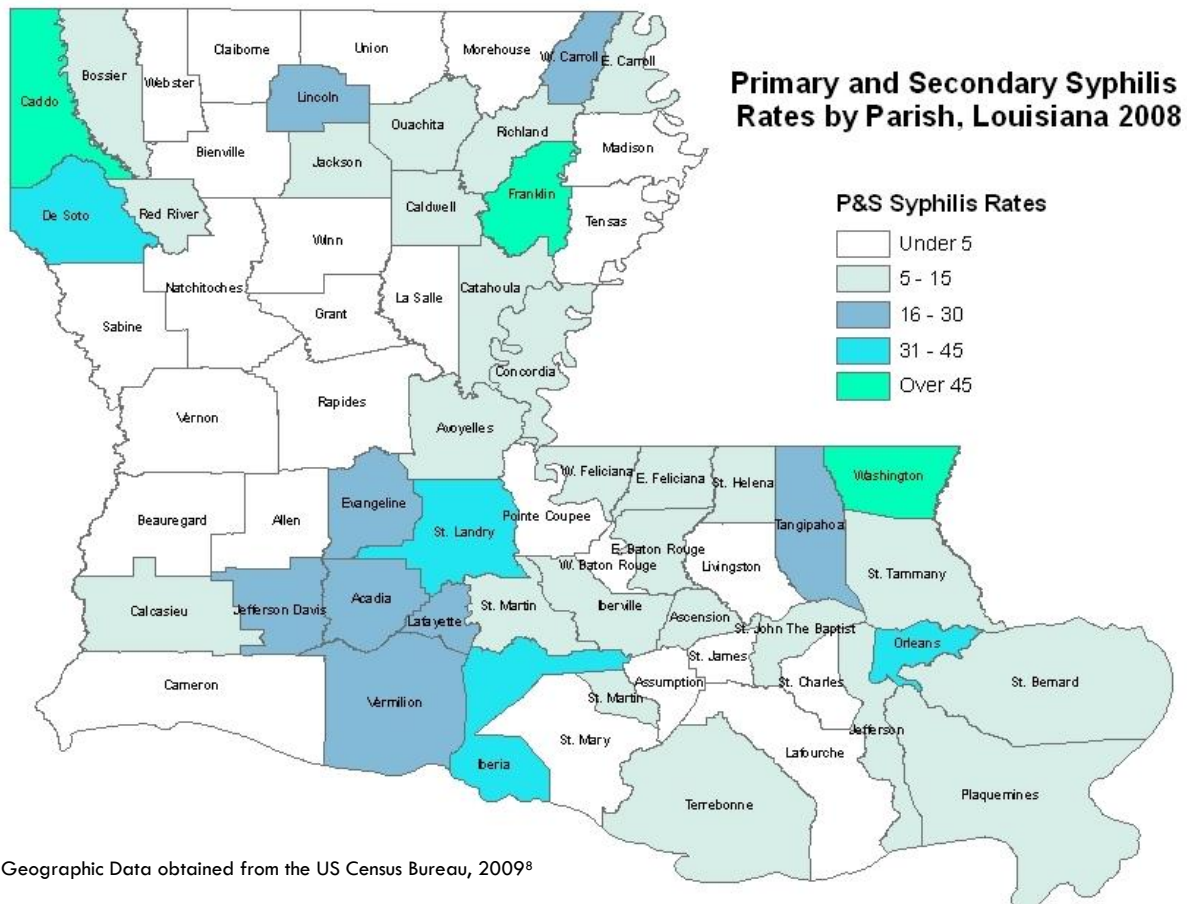


Table 13: 2008 Primary and Secondary Syphilis by Race, Regions 1-5

P&S Syphilis, Regions 1-5								
Parish	White		African American		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 1	29	7.3	120	38.1	7	7.2	157	19.5
Jefferson	12	4.7	39	33.4	2	3.1	53	12.2
Orleans	15	15.7	79	41.7	4	14.8	99	31.7
Plaquemines	0	0.0	1	21.7	1	46.7	2	9.4
St. Bernard	2	6.9	1	22.6	0	0.0	3	8.0
Region 2	6	1.7	63	24.2	1	2.8	70	10.9
Ascension	2	2.7	4	18.3	0	0.0	6	5.9
E. Baton Rouge	3	1.4	54	28.5	1	3.6	58	13.5
E. Feliciana	1	9.0	1	10.8	0	0.0	2	9.6
Iberville	0	0.0	3	18.7	0	0.0	3	9.2
Pointe Coupee	0	0.0	0	0.0	0	0.0	0	0.0
W. Baton Rouge	0	0.0	0	0.0	0	0.0	0	0.0
W. Feliciana	0	0.0	1	13.5	0	0.0	1	6.7
Region 3	3	1.1	24	23.0	0	0.0	27	6.8
Assumption	0	0.0	0	0.0	0	0.0	0	0.0
Lafourche	1	1.3	3	24.1	0	0.0	4	4.3
St. Charles	0	0.0	1	7.2	0	0.0	1	1.9
St. James	0	0.0	1	9.5	0	0.0	1	4.7
St. John The Baptist	1	4.9	4	16.9	0	0.0	5	10.6
St. Mary	0	0.0	2	12.1	0	0.0	2	3.9
Terrebonne	1	1.3	13	65.0	0	0.0	14	12.9
Region 4	16	4.1	129	80.1	2	8.2	147	25.4
Acadia	2	4.2	15	132.7	0	0.0	17	28.3
Evangeline	0	0.0	7	67.3	0	0.0	7	19.6
Iberia	1	2.1	22	92.2	0	0.0	23	30.6
Lafayette	7	4.9	49	93.3	1	9.2	57	27.5
St. Landry	1	2.0	29	74.8	0	0.0	30	32.5
St. Martin	0	0.0	4	24.9	0	0.0	4	7.7
Vermilion	5	11.1	3	37.4	1	32.7	9	16.0
Region 5	7	3.3	22	35.5	0	0.0	29	10.2
Allen	0	0.0	0	0.0	0	0.0	0	0.0
Beauregard	0	0.0	1	20.9	0	0.0	1	2.9
Calcasieu	6	4.5	15	33.1	0	0.0	21	11.3
Cameron	0	0.0	0	0.0	0	0.0	0	0.0
Jefferson Davis	1	4.0	6	111.5	0	0.0	7	22.4

Table 14: 2008 Primary and Secondary Syphilis by Race, Regions 6-9

P&S Syphilis, Regions 6-9								
Parish	White		Black		Other		Total	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
Region 6	1	0.5	10	12.5	0	0.0	11	3.7
Avoyelles	1	3.6	4	30.9	0	0.0	5	11.8
Catahoula	0	0.0	1	33.3	0	0.0	1	9.5
Concordia	0	0.0	1	13.3	0	0.0	1	5.2
Grant	0	0.0	0	0.0	0	0.0	0	0.0
La Salle	0	0.0	0	0.0	0	0.0	0	0.0
Rapides	0	0.0	4	9.6	0	0.0	4	3.0
Vernon	0	0.0	0	0.0	0	0.0	0	0.0
Winn	0	0.0	0	0.0	0	0.0	0	0.0
Region 7	8	2.6	144	71.3	0	0.0	152	28.5
Bienville	0	0.0	0	0.0	0	0.0	0	0.0
Bossier	1	1.3	7	30.3	0	0.0	8	7.3
Caddo	6	4.9	124	105.1	0	0.0	130	51.4
Claiborne	0	0.0	0	0.0	0	0.0	0	0.0
De Soto	0	0.0	11	106.6	0	0.0	11	41.7
Natchitoches	0	0.0	0	0.0	0	0.0	0	0.0
Red River	0	0.0	1	26.1	0	0.0	1	11.0
Sabine	0	0.0	0	0.0	0	0.0	0	0.0
Webster	1	3.8	1	7.4	0	0.0	2	4.9
Region 8	4	1.9	52	41.3	0	0.0	56	16.1
Caldwell	0	0.0	1	54.3	0	0.0	1	9.7
E. Carroll	0	0.0	1	18.1	0	0.0	1	12.2
Franklin	0	0.0	16	257.4	0	0.0	16	80.0
Jackson	0	0.0	2	48.9	0	0.0	2	13.2
Lincoln	2	8.4	9	52.6	0	0.0	11	25.8
Madison	0	0.0	0	0.0	0	0.0	0	0.0
Morehouse	0	0.0	1	7.9	0	0.0	1	3.5
Ouachita	1	1.1	19	36.3	0	0.0	20	13.3
Richland	1	8.0	1	13.2	0	0.0	2	9.8
W. Carroll	0	0.0	0	0.0	0	0.0	0	0.0
Tensas	0	0.0	0	0.0	0	0.0	0	0.0
Union	0	0.0	2	93.1	0	0.0	2	17.4
Region 9	15	3.7	53	60.3	1	3.9	69	13.2
Livingston	3	2.8	0	0.0	0	0.0	3	2.5
St. Helena	0	0.0	1	18.4	0	0.0	1	9.5
St. Tammany	7	3.8	6	22.0	1	6.5	14	6.1
Tangipahoa	2	2.5	23	68.3	0	0.0	25	21.4
Washington	3	9.9	23	162.7	0	0.0	26	57.2

Table 15: Female Primary and Secondary Syphilis by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	39	2.8	270	36.5	1	0.7	310	13.7
Acadia	2	8.2	9	150.1	0	0.0	11	35.6
Allen	0	0.0	0	0.0	0	0.0	0	0.0
Ascension	1	2.7	0	0.0	0	0.0	1	1.9
Assumption	0	0.0	0	0.0	0	0.0	0	0.0
Avoyelles	1	6.9	2	31.1	0	0.0	3	13.9
Beauregard	0	0.0	0	0.0	0	0.0	0	0.0
Bienville	0	0.0	0	0.0	0	0.0	0	0.0
Bossier	1	2.5	2	16.5	0	0.0	3	5.3
Caddo	3	4.7	55	86.9	0	0.0	58	43.7
Calcasieu	3	4.4	7	29.6	0	0.0	10	10.5
Caldwell	0	0.0	0	0.0	0	0.0	0	0.0
Cameron	0	0.0	0	0.0	0	0.0	0	0.0
Catahoula	0	0.0	1	68.7	0	0.0	1	19.2
Claiborne	0	0.0	0	0.0	0	0.0	0	0.0
Concordia	0	0.0	1	25.5	0	0.0	1	10.2
De Soto	0	0.0	6	106.6	0	0.0	6	43.6
East Baton Rouge	2	1.9	22	21.8	0	0.0	24	10.8
East Carroll	0	0.0	1	37.4	0	0.0	1	25.3
East Feliciana	1	18.8	1	24.1	0	0.0	2	20.6
Evangeline	0	0.0	4	78.6	0	0.0	4	22.5
Franklin	0	0.0	8	241.1	0	0.0	8	76.5
Grant	0	0.0	0	0.0	0	0.0	0	0.0
Iberia	1	4.2	10	78.0	0	0.0	11	28.2
Iberville	0	0.0	2	25.0	0	0.0	2	12.3
Jackson	0	0.0	1	44.6	0	0.0	1	12.6
Jefferson	4	3.0	14	22.5	0	0.0	18	7.9
Jefferson Davis	1	7.8	3	104.9	0	0.0	4	24.6
Lafayette	6	8.2	24	86.7	0	0.0	30	28.3
Lafourche	0	0.0	1	14.9	0	0.0	1	2.1
La Salle	0	0.0	0	0.0	0	0.0	0	0.0
Lincoln	0	0.0	2	21.9	0	0.0	2	9.2
Livingston	2	3.6	0	0.0	0	0.0	2	3.3
Madison	0	0.0	0	0.0	0	0.0	0	0.0
Morehouse	0	0.0	0	0.0	0	0.0	0	0.0
Natchitoches	0	0.0	0	0.0	0	0.0	0	0.0
Orleans	2	4.2	21	20.0	0	0.0	23	13.8
Ouachita	0	0.0	6	21.3	0	0.0	6	7.6
Plaquemines	0	0.0	1	42.8	1	97.8	2	18.9
Pointe Coupee	0	0.0	0	0.0	0	0.0	0	0.0
Rapides	0	0.0	3	13.7	0	0.0	3	4.3
Red River	0	0.0	1	48.0	0	0.0	1	20.9
Richland	0	0.0	1	24.5	0	0.0	1	9.2
Sabine	0	0.0	0	0.0	0	0.0	0	0.0
St. Bernard	1	6.6	1	43.7	0	0.0	2	10.2
St. Charles	0	0.0	1	13.6	0	0.0	1	3.8
St. Helena	0	0.0	1	34.8	0	0.0	1	18.3
St. James	0	0.0	1	17.9	0	0.0	1	9.1
St. John The Baptist	1	9.7	2	16.1	0	0.0	3	12.4
St. Landry	0	0.0	13	62.9	0	0.0	13	27.1
St. Martin	0	0.0	2	23.7	0	0.0	2	7.6
St. Mary	0	0.0	1	11.4	0	0.0	1	3.8
St. Tammany	1	1.1	4	28.0	0	0.0	5	4.3
Tangipahoa	1	2.5	11	61.0	0	0.0	12	19.9
Tensas	0	0.0	0	0.0	0	0.0	0	0.0
Terrebonne	0	0.0	7	66.6	0	0.0	7	12.7
Union	0	0.0	0	0.0	0	0.0	0	0.0
Vermilion	2	8.6	1	23.2	0	0.0	3	10.4
Vernon	0	0.0	0	0.0	0	0.0	0	0.0
Washington	3	19.4	13	181.6	0	0.0	16	68.9
Webster	0	0.0	1	13.8	0	0.0	1	4.7
West Baton Rouge	0	0.0	0	0.0	0	0.0	0	0.0
West Carroll	0	0.0	1	107.8	0	0.0	1	17.7
West Feliciana	0	0.0	0	0.0	0	0.0	0	0.0
Winn	0	0.0	0	0.0	0	0.0	0	0.0

*The totals include cases with unknown race.

**The Louisiana strata include cases with unknown parish.

Table 16: Male Primary and Secondary Syphilis by Race, Louisiana Parishes 2008

Parish	White		African American		Other		Total*	
	Cases	Rates	Cases	Rates	Cases	Rates	Cases	Rates
LOUISIANA**	51	3.81	349	57.97	10	6.97	411	19.2
Acadia	0	0.0	6	113.0	0	0.0	6	252.3
Allen	0	0.0	0	0.0	0	0.0	0	0.0
Ascension	1	2.7	4	39.1	0	0.0	5	82.5
Assumption	0	0.0	0	0.0	0	0.0	0	0.0
Avoyelles	0	0.0	2	30.7	0	0.0	2	60.2
Beauregard	0	0.0	1	40.4	0	0.0	1	18.3
Bienville	0	0.0	0	0.0	0	0.0	0	0.0
Bossier	0	0.0	5	45.8	0	0.0	5	57.5
Caddo	3	5.0	69	126.2	0	0.0	72	1470.4
Calcasieu	3	4.6	8	36.9	0	0.0	11	243.8
Caldwell	0	0.0	1	97.8	0	0.0	1	31.7
Cameron	0	0.0	0	0.0	0	0.0	0	0.0
Catahoula	0	0.0	0	0.0	0	0.0	0	0.0
Claiborne	0	0.0	0	0.0	0	0.0	0	0.0
Concordia	0	0.0	0	0.0	0	0.0	0	0.0
De Soto	0	0.0	5	106.5	0	0.0	5	132.3
East Baton Rouge	1	1.0	32	36.2	1	6.9	34	485.0
East Carroll	0	0.0	0	0.0	0	0.0	0	0.0
East Feliciana	0	0.0	0	0.0	0	0.0	0	0.0
Evangeline	0	0.0	3	56.4	0	0.0	3	116.7
Franklin	0	0.0	8	276.1	0	0.0	8	350.3
Grant	0	0.0	0	0.0	0	0.0	0	0.0
Iberia	0	0.0	12	108.5	0	0.0	12	196.3
Iberville	0	0.0	1	12.4	0	0.0	1	40.5
Jackson	0	0.0	1	54.0	0	0.0	1	43.0
Jefferson	8	6.5	25	45.7	2	6.3	35	231.6
Jefferson Davis	0	0.0	3	119.0	0	0.0	3	87.4
Lafayette	1	1.4	25	100.7	1	17.6	27	479.0
Lafourche	1	2.8	2	34.8	0	0.0	3	44.1
La Salle	0	0.0	0	0.0	0	0.0	0	0.0
Lincoln	2	16.8	7	87.5	0	0.0	9	210.9
Livingston	1	1.9	0	0.0	0	0.0	1	27.7
Madison	0	0.0	0	0.0	0	0.0	0	0.0
Morehouse	0	0.0	1	17.1	0	0.0	1	43.8
Natchitoches	0	0.0	0	0.0	0	0.0	0	0.0
Orleans	13	27.2	58	69.0	4	29.8	76	822.6
Ouachita	1	2.2	13	54.1	0	0.0	14	384.1
Plaquemines	0	0.0	0	0.0	0	0.0	0	0.0
Pointe Coupee	0	0.0	0	0.0	0	0.0	0	0.0
Rapides	0	0.0	1	5.1	0	0.0	1	19.4
Red River	0	0.0	0	0.0	0	0.0	0	0.0
Richland	1	17.0	0	0.0	0	0.0	1	40.3
Sabine	0	0.0	0	0.0	0	0.0	0	0.0
St. Bernard	1	7.2	0	0.0	0	0.0	1	8.6
St. Charles	0	0.0	0	0.0	0	0.0	0	0.0
St. Helena	0	0.0	0	0.0	0	0.0	0	0.0
St. James	0	0.0	0	0.0	0	0.0	0	0.0
St. John The Baptist	0	0.0	2	17.8	0	0.0	2	32.2
St. Landry	1	4.0	16	88.3	0	0.0	17	645.7
St. Martin	0	0.0	2	26.3	0	0.0	2	60.0
St. Mary	0	0.0	1	13.0	0	0.0	1	12.7
St. Tammany	6	6.6	2	15.3	1	13.1	9	132.3
Tangipahoa	1	2.6	12	76.5	0	0.0	13	323.4
Tensas	0	0.0	0	0.0	0	0.0	0	0.0
Terrebonne	1	2.6	6	63.3	0	0.0	7	65.2
Union	0	0.0	0	0.0	0	0.0	0	0.0
Vermilion	3	13.7	2	53.8	1	62.0	6	101.1
Vernon	0	0.0	0	0.0	0	0.0	0	0.0
Washington	0	0.0	10	143.3	0	0.0	10	424.8
Webster	1	7.8	0	0.0	0	0.0	1	30.8
West Baton Rouge	0	0.0	0	0.0	0	0.0	0	0.0
West Carroll	0	0.0	1	81.9	0	0.0	1	32.3
West Feliciana	0	0.0	1	18.3	0	0.0	1	49.5
Winn	0	0.0	0	0.0	0	0.0	0	0.0

*The totals include cases with unknown race.

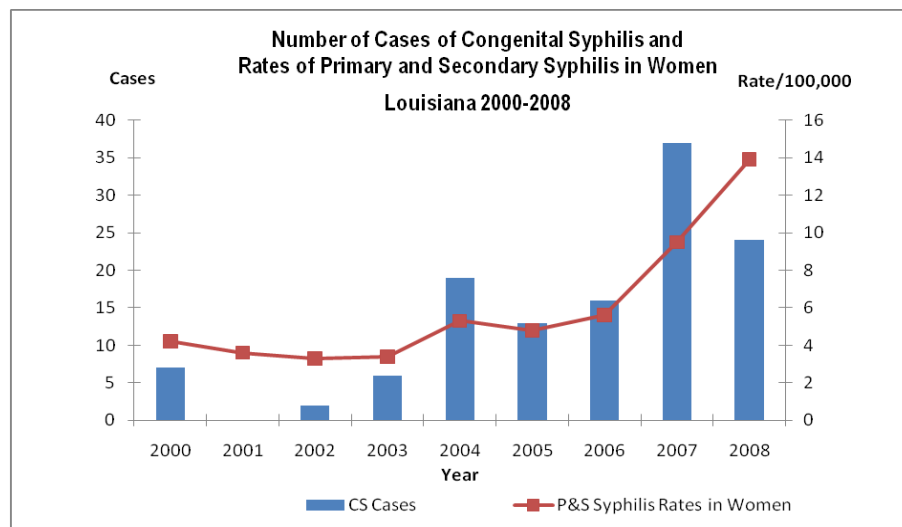
**The Louisiana strata include cases with unknown parish.

[CONGENITAL SYPHILIS | 2008]

Congenital Syphilis cases occur when a pregnant woman with Syphilis passes the infection on to her infant while carrying the baby. This can result in a stillbirth, death of the newborn, or significant future health and development problems.⁷

In Louisiana, there were a total of 24 Congenital Syphilis cases reported in 2008. This was a 38.6% reduction in cases compared to 2007 in which 38 cases were reported. Louisiana's Congenital Syphilis rate declined from 58.4 cases per 100,000 live births in 2007 to approximately 36.3 per 100,000 live births in 2008. Despite this decrease, Louisiana Congenital Syphilis rate was the highest in the nation in 2008.²

Figure 7: Congenital Syphilis Cases



[EARLY SYPHILIS | 2008]

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. If not detected and treated early, Syphilis may lead to long-term health problems including blindness, dementia, paralysis, and other damage to internal organs.⁷

Table 17: Early Syphilis Comparison of Race, Ethnicity, and Gender-Specific Rates

		Primary and Secondary			Early Latent		
		Number	Percent	Rate	Number	Percent	Rate
Gender	Women	310	43%	13.7	476	54%	21.0
	Men	411	57%	19.2	407	46%	19.0
Race/Ethnicity							
	White	90	12%	3.3	131	15%	4.8
	African American	619	82%	44.3	729	82%	52.1
	Hispanic	7	1%	4.7	9	1%	6.1
	Asian/Pacific Islander	1	0%	1.6	1	0%	1.6
	American Indian/Alaskan Native	0	0%	0.0	0	0%	0.0
	Other/Unknown	4	1%	--	13	1%	--
Age Group							
	15-19	87	12%	26.5	101	11%	30.7
	20-24	172	24%	51.2	209	24%	62.2
	25-29	130	18%	39.5	165	19%	50.2
	30-34	74	10%	27.9	111	13%	41.8
	35-44	129	18%	22.7	158	18%	27.8
	45+	125	17%	7.5	138	16%	8.3
Total		721	100%	16.3	883	100%	20.0

References

1. All data, unless otherwise noted, came from the Louisiana Department of Health and Hospitals: Office of Public Health, STD Control Program.
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