## **2019 National CDC STD Rankings**

# Louisiana Department of Health, Office of Public Health, STD/HIV/Hepatitis Program April 13, 2021

On April 13, 2021, the CDC released their 2019 STD Surveillance Report. This report presents data for diagnoses of STDs in 2019.

CDC's Division of STD Prevention's main messages in support of this Report are:

- 1. Reported STDs in the US reached an all-time high for a 6<sup>th</sup> consecutive year. More than 2.5 million cases of chlamydia, gonorrhea and syphilis were reported in 2019, which represents a 28% increase from 2015. The sharpest increase was seen in cases of congenital syphilis, which has nearly quadrupled since 2015.
- 2. **The STD burden is not equal**. While STDs are increasing among many groups, troubling rates continue to be observed among communities of color, gay and bisexual men and our nation's youth.
- 3. We must uphold basic STD prevention and control to halt the rising increases of STDs. State and local health departments should strengthen the local public health infrastructure and ensure resources are directed appropriately.
- 4. **We must find and employ innovative solutions to deliver STI control services**. Solutions include telemedicine, STI express clinics and partnerships with pharmacies and retail health clinics.

## Comparison of 2018 to 2019 STD Cases and STD Rates

|                            | 2018            |         |       | 2019            |         |       |
|----------------------------|-----------------|---------|-------|-----------------|---------|-------|
|                            | Ranking         | # Cases | Rate* | Ranking         | # Cases | Rate* |
| P&S Syphilis               | 7 <sup>th</sup> | 669     | 14.3  | 9 <sup>th</sup> | 700     | 15.0  |
| <b>Congenital Syphilis</b> | 3 <sup>rd</sup> | 46      | 72.8  | 5 <sup>th</sup> | 68      | 111.4 |
| Gonorrhea                  | 5 <sup>th</sup> | 12,043  | 257.1 | 5 <sup>th</sup> | 12,800  | 274.7 |
| Chlamydia                  | 2 <sup>nd</sup> | 36,293  | 774.8 | 3 <sup>rd</sup> | 36,131  | 775.3 |

<sup>\*</sup>Rate per 100,000

#### Primary and Secondary (P&S) Syphilis:

In 2019, **Louisiana ranked 9th** for primary and secondary (P&S) syphilis case rates (15.0 per 100,000 population). There was a 5% case rate increase from 2018 (14.3 per 100,000 population). A total of 700 cases of P&S syphilis were reported from Louisiana in 2019. In 2018, Louisiana was ranked 7<sup>th</sup> in the nation for its P&S syphilis case rate.

The number of P&S syphilis cases in the United States was the highest it has been since 1991. Across the nation, the rate of P&S syphilis increased 10%, and in Louisiana the rate increased 5%. However, Louisiana's 2019 P&S syphilis case rate was still 26% greater than the national rate of 11.9 per 100,000.

The CDC provides data on the 70 counties across the nation with the highest number of new cases. Orleans Parish ranks 67<sup>th</sup> in the nation for the number of P&S syphilis cases in 2019 with 111 cases, while East Baton Rouge Parish ranks 68<sup>th</sup> with 109 cases.

The Greater New Orleans area was mentioned among the selected Metropolitan Statistical Areas (MSAs) with 185 P&S syphilis cases and a rate of 14.6 per 100,000 population.

| STATE       | P&S Syphilis Case Rate, 2019 (per 100,000) | Reported P&S Syphilis Cases, 2019 |
|-------------|--|-----------------------------------|
| Nevada      | 26.6                                       | 808                               |
| New Mexico  | 24.4                                       | 511                               |
| Mississippi | 23.1                                       | 690                               |
| California  | 20.9                                       | 8,266                             |
| Oklahoma    | 20.1                                       | 791                               |
| Arizona     | 18.0                                       | 1,290                             |
| Alaska      | 17.5                                       | 129                               |
| Georgia     | 16.6                                       | 1,750                             |
| Louisiana   | 15.0                                       | 700                               |
| USA         | 11.9                                       | 38,992                            |

### **Congenital Syphilis:**

In 2019, **Louisiana ranked 5<sup>th</sup>** for congenital syphilis case rates (111.4 per 100,000 live births). Louisiana ranked 3<sup>rd</sup> in 2018 and had a rate of 72.8 per 100,000 live births. From 2018 to 2019, there was a 53% increase in the Louisiana congenital syphilis rate. There were a total of 68 congenital syphilis cases reported from Louisiana in 2019 and 46 cases reported in 2018.

Across the United States, the number of CS cases has nearly quadrupled since 2015. Nearly 2,000 cases were reported in 2019 alone. Despite the improved ranking for 2019, the rate in Louisiana increased significantly and was more than double the national rate of 48.5 per 100,000 live births.

| STATE      | Congenital Syphilis Case Rate, 2019<br>(per 100,000 live births) | Reported Congenital Syphilis Cases, 2019 |
|------------|--|--|
| Texas      | 138.2  | 528                                      |
| Arizona    | 133.1  | 109                                      |
| New Mexico | 117.8  | 28                                       |
| Nevada     | 114.7  | 41                                       |
| Louisiana  | 111.4  | 68                                       |
| US TOTAL   | 48.5   | 1,870                                    |

#### Chlamydia:

In 2019, **Louisiana ranked 3<sup>rd</sup>** for chlamydia case rates (775.3 per 100,000 population). Louisiana ranked 2<sup>nd</sup> in 2018 with a rate of 774.8 per 100,000. The chlamydia rate in Louisiana remained stable from 2018 to 2019. There were a total of 36,131 cases of chlamydia reported from Louisiana in 2019.

The number of chlamydia cases in the United States was the highest it has ever been. The chlamydia case rate in Louisiana was 40% greater than the national case rate of 552.8 per 100,000. Across the nation, the rate of chlamydia increased 3%.

The CDC provides data on the 70 counties across the nation with the highest number of new cases. None of Louisiana's parishes ranked in the top 70 for chlamydia cases.

| STATE          | Chlamydia Case Rate, 2019 (per 100,000) | Reported Chlamydia Cases, 2019 |
|----------------|---|--------------------------------|
| Alaska         | 848.1                                   | 6,254                          |
| Mississippi    | 847.2                                   | 25,303                         |
| Louisiana      | 775.3                                   | 36,131                         |
| South Carolina | 707.1                                   | 35,950                         |
| New Mexico     | 681.6                                   | 14,283                         |
| USA            | 552.8                                   | 1.808.703                      |

#### Gonorrhea:

In 2019, **Louisiana ranked 5**<sup>th</sup> for gonorrhea case rates (274.7 per 100,000 population). Louisiana ranked 5th in 2018 with a rate of 257.1 per 100,000 population. There were 12,800 cases of gonorrhea reported from Louisiana in 2019.

The number of gonorrhea cases in the United States was the highest it has been since 1991. Across the nation, the rate of gonorrhea increased 6%, but in Louisiana the rate increased 7%. The gonorrhea case rate in Louisiana was 46% greater than the national rate of 188.4 per 100,000.

The CDC provides data on the 70 counties across the nation with the highest number of new cases. Orleans Parish ranks 63<sup>rd</sup> in the nation for the number of gonorrhea cases in 2019 with 2,092 cases and a rate of 535 per 100,000.

| STATE          | Gonorrhea Case Rate, 2019 (per 100,000) | Reported Gonorrhea Cases, 2019 |
|----------------|---|--------------------------------|
| Mississippi    | 404.1                                   | 12,068                         |
| Alaska         | 300.1                                   | 2,213                          |
| Alabama        | 296.5                                   | 14,492                         |
| South Carolina | 278.5                                   | 14,160                         |
| Louisiana      | 274.7                                   | 12,800                         |
| USA            | 188.4                                   | 616,392                        |