

# STI/HIV/Hepatitis B & C Update

2022

Lafayette  
Region 4



LOUISIANA  
**DEPARTMENT OF  
HEALTH**

*STD/HIV/Hepatitis Program*

## STD/HIV/Hepatitis Program Regional Profile, 2022 Update

**Data Inclusion:** Each profile contains new diagnoses of HIV, primary & secondary syphilis, early non-primary non-secondary syphilis, chlamydia, gonorrhea, congenital syphilis, acute hepatitis B, chronic hepatitis B, acute hepatitis C, and chronic hepatitis C in Louisiana, 2022. Profiles are available for the state of Louisiana and all nine Public Health Regions. Data are reported as counts, proportions, and rates as defined below.

**Data Sources:** All data were collected and managed by the Louisiana Department of Health (LDH), Office of Public Health (OPH), STD/HIV/Hepatitis Program (SHHP) and closed between June-August 2023 for use in these profiles. At the time of this report, 2021 Census data were used to calculate rates.

### **STD/HIV/Hepatitis Program (SHHP) Mission and Vision:**

#### **SHHP MISSION**

Our mission is to end the impacts of HIV, STI, and hepatitis by eliminating related health inequities and stigma for all communities in Louisiana.

#### **SHHP VISION**

Louisiana is a place where new HIV, STI and hepatitis diagnoses are rare, all people have high-quality health care and treatment, are free from discrimination, and can achieve their full potential for health and well-being across their lifespan.

### **Data Definitions:**

**Counts:** Counts, also called frequencies, are the total number of events that occur in a defined period of time. The total number of diagnoses of gonorrhea reported in Louisiana during 2022 would be an example of a count or frequency, e.g. in 2022, 15,015 diagnoses of gonorrhea were reported in Louisiana.

**Proportions:** For many indicators, the proportion or percent of demographic groups is presented. This is calculated using the count of a subpopulation divided by the total case count. The proportion of gonorrhea diagnoses among males in 2022 is calculated by taking the count of gonorrhea diagnoses among males and dividing by the total count of gonorrhea diagnoses, and multiplying by 100. e.g. in 2022, 56% of gonorrhea diagnoses in Louisiana were among males.

**Rates:** Rates are the number of events that occur in a defined period of time, divided by the average population at risk of that event. In order to estimate the rate of gonorrhea in Louisiana during 2022, divide the count of gonorrhea diagnoses in 2022 by Louisiana's population (15,015 gonorrhea diagnoses divided by Louisiana's population of 4,624,047= 0.003247). To make this value more interpretable, it is then multiplied by 100,000. The final rate is reported as 324.7 per 100,000 population. In other words, for every 100,000 people living in Louisiana, 325 were newly diagnosed with gonorrhea in 2022.

**Data Disclaimers:** The data within these profiles represents 2022 data as of frozen data files from June-August 2022. Please note that 2022 data may still be impacted from COVID-19.

For more information, visit the Louisiana Health Hub website at <https://louisianahealthhub.org/>.

## **Region 4: Lafayette**

### **Population Overview**

Region 4 has a population of 593,498 residents and is comprised of seven parishes (Acadia, Evangeline, Iberia, Lafayette, St. Landry, St. Martin, and Vermilion). The population of the seven parishes in the Region range from a low of 32,215 in Evangeline Parish to a high of 244,205 in Lafayette Parish.<sup>1</sup> Approximately 80.7% of the Region 4 population resides in an urban parish.<sup>1</sup>

### **Demographics**

In Region 4, 64.9% of residents are non-Hispanic White and 27.7% are non-Hispanic Black. Persons of Hispanic or Latinx origin make up an additional 4.0% of the Region 4 population.<sup>1</sup>

### **Age and Sex**

According to the 2021 census, 51.0% of the population in Region 4 is female and 49.0% of the population is male.<sup>1</sup> Among Region 4 residents, 24.8% are under 18 years old, and 15.5% are 65 or older.<sup>1</sup> Youth 15-24 years old, make up 12.7% of the population.<sup>1</sup>

### **Education and Socioeconomic Status**

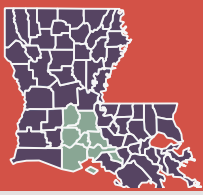
An estimated 84.4% of the population has a high school degree or higher and 22.5% has a bachelor's degree or higher.<sup>3</sup> The median household income in Region 4 is \$64,590 as compared to the state median household income of \$53,571.<sup>3</sup> In Region 4, 20.0% of the population live below the poverty level which is more than the state average of 18.8%.<sup>3</sup>

### **Health Indicators**

In Region 4, 33.5% of the population is obese and 12.6% of adults have diabetes.<sup>3</sup> In regard to mental health, 21.0% of adults in Region 4 have ever been told by a health care professional they had depression or a depressive disorder as compared to 23.0% statewide.<sup>3</sup> The Region 4 teen birth rate is 30.1 births per 1,000 females 15-19 years old.<sup>7</sup> There are significant racial disparities in the teen birth rate with Non-Hispanic Black females having a teen birth at twice the rate of non-Hispanic White females (44.0 births per 1,000 females 15-19 years old and 21.6 births per 1,000 females 15-19 years old, respectively).<sup>7</sup> Racial disparities persist with access to prenatal care. In Region 4, 79.1% of pregnant people accessed prenatal care in the first trimester.<sup>7</sup> Non-Hispanic White women were more likely to enter prenatal than non-Hispanic Black women (83.6% and 73.6%, respectively).<sup>7</sup> Further, non-Hispanic Black infants were almost twice as likely to experience infant mortality than non-Hispanic White infants (9.8 deaths per 1,000 live births and 5.6 deaths per 1,000 live births, respectively).<sup>7</sup> The overall infant mortality rate in Region 4 is 7.0 deaths per 1,000 live births.<sup>7</sup>

### **Insurance Coverage**

In 2021, the composition of health insurance coverage among adults in Region 4 was 42.7% employer-sponsored, 38.1% Medicaid, and 12.7% Medicare. It is estimated 11.3% of adults and 2.1% of children in Region 4 were uninsured.<sup>10</sup>



# HIV Annual Summary - 2022

## Region 4 - Lafayette

New HIV Diagnoses  
**90**

Louisiana Diagnoses: 857

HIV Diagnosis Rate  
**15.2**  
per 100,000 population

Louisiana Rate: 18.5 per 100,000

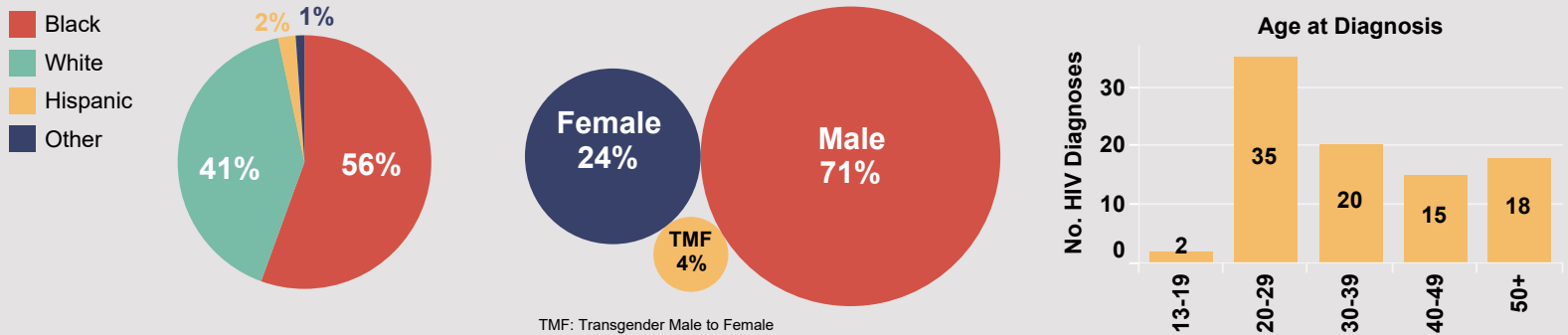
HIV Diagnosis Rate Regional  
Ranking  
**6th**  
among Louisiana's nine public  
health regions

### Of the 90 new HIV diagnoses in 2022:

Over half of diagnoses (56%) were  
among Black people.

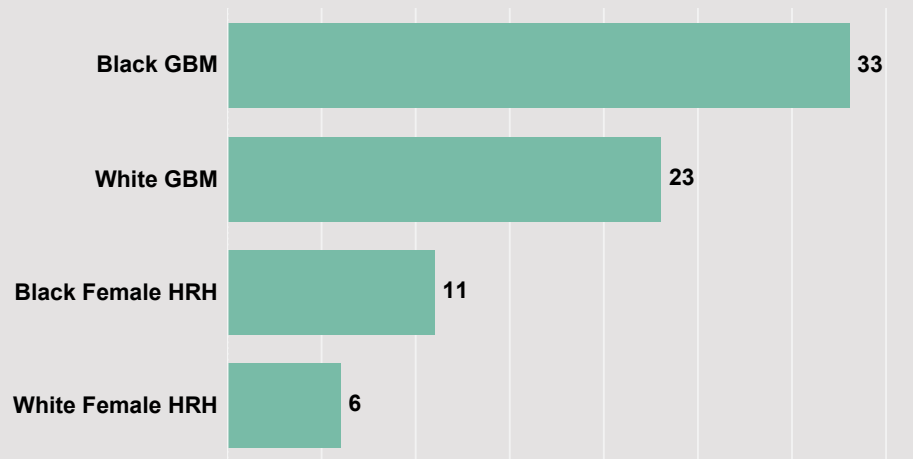
Males comprised 71% of diagnoses.

Over one-third of diagnoses (39%)  
were among people 20 to 29 years old.



### Affected subpopulations

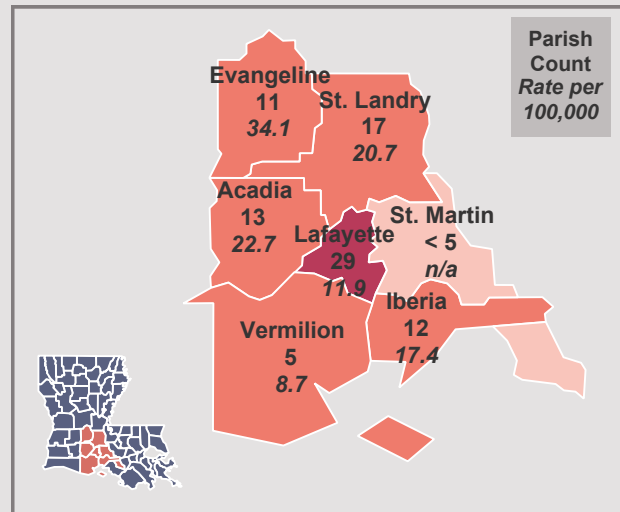
People of color and gay & bisexual men (GBM) are impacted by HIV more than other groups. In Region 4, over one-third (37%) of diagnoses in 2022 were among Black GBM.



GBM = Gay & bisexual men; HRH = High risk heterosexual; PWID = People who inject drugs

### Geographic distribution

In 2022, almost one-third of new HIV diagnoses (32%) in Region 4 were from Lafayette Parish.



### HIV Care among People Living with HIV in Region 4 in 2022:



Engagement in care: at least one CD4 or viral load (VL) lab in 2022

Retention in care: two or more CD4 tests or VLs at least 90 days apart in 2022

Viral suppression or an 'undetectable' viral load: VL result < 200 copies per milliliter in 2022

Among persons engaged in HIV care, those who are virally suppressed in 2022

Interpreting the Data: Please note that 2022 data may still be impacted from the COVID-19 pandemic.





# Primary and Secondary (P&S) Syphilis

## Annual Summary - 2022

### Region 4 - Lafayette

New P&S Syphilis  
Diagnoses  
**136**

Louisiana Diagnoses: 1,225

P&S Syphilis Diagnosis Rate  
**22.9**  
per 100,000 population

Louisiana Rate: 26.5 per 100,000

P&S Syphilis Diagnosis Rate  
Regional Ranking

**6th**

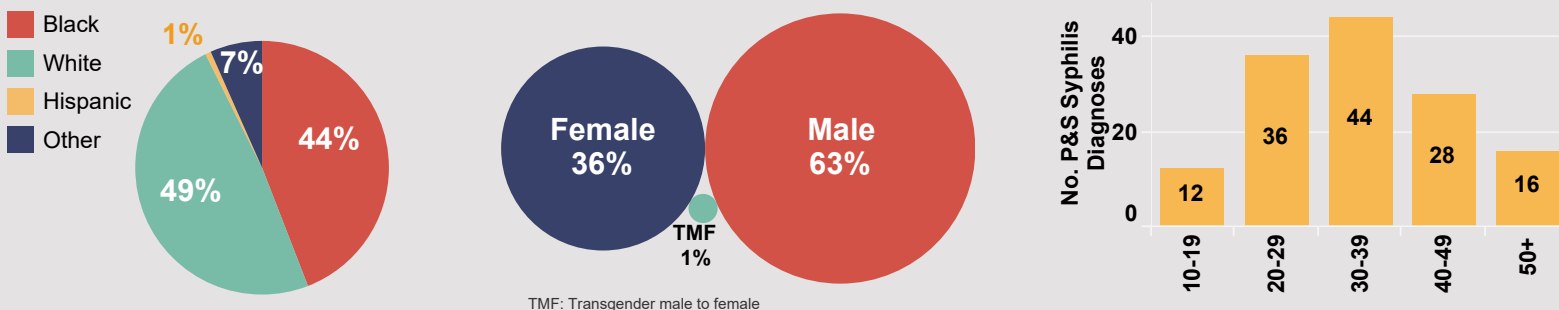
among Louisiana's nine public  
health regions

## Of the 136 P&S syphilis diagnoses in 2022:

Almost half (49%) of the diagnoses  
were among White people.

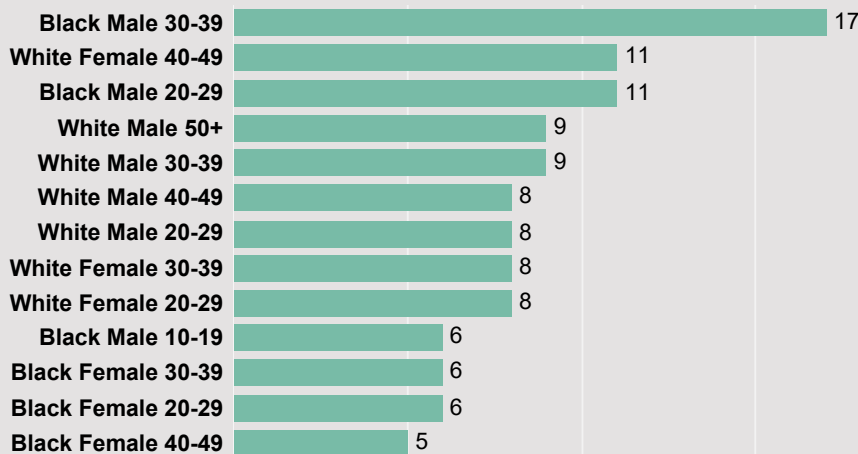
Males comprised 63% of diagnoses.

Almost one-third of diagnoses (32%) were  
among people 30 to 39 years old.



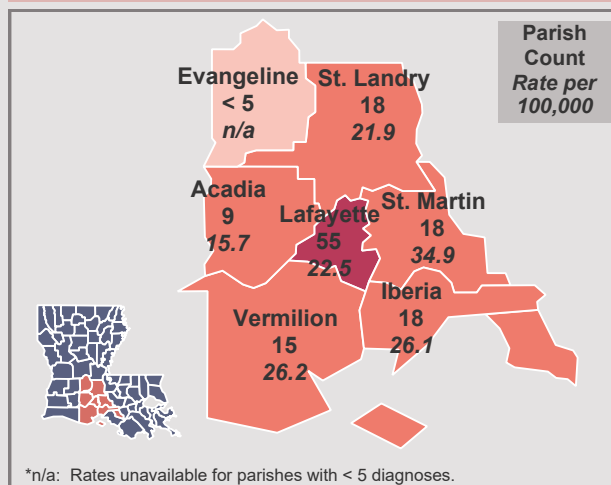
## Affected subpopulations

People of color and males are impacted by P&S syphilis more than other groups.  
In Region 4, 21% of P&S syphilis diagnoses were among Black males 20-39 years old.

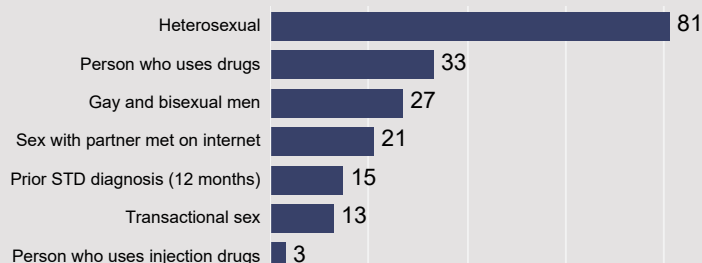


## Geographic distribution

In 2022, 40% of new P&S syphilis diagnoses in Region 4  
were from Lafayette Parish.



## Behavioral Factors



\*An individual can report more than one behavioral factor

## Syphilis Treatment Guidelines

STAGE OF SYPHILIS	REGIMEN	DOSE/ROUTE
Primary, Secondary, or Early Non-Primary Non-Secondary (<12 months)	Benzathine Penicillin G*	2.4 million units IM in a single dose
Late or Unknown Duration Syphilis (>12 months)	Benzathine Penicillin G*	7.2 million units IM administered as 3 doses of 2.4 million units IM each, at 1-week intervals

\*Benzathine Penicillin G is the only CDC approved treatment for pregnant women

**Interpreting the Data:** Please note that 2022 data may still be impacted from the COVID-19 pandemic.



# Early Non-P&S Syphilis

Annual Summary - 2022

Region 4 - Lafayette

New Early Non-P&S  
Syphilis Diagnoses  
**126**

Louisiana Diagnoses: 884

Early Non-P&S Syphilis Diagnosis  
Rate  
**21.2**  
per 100,000 population

Louisiana Rate: 17.3 per 100,000

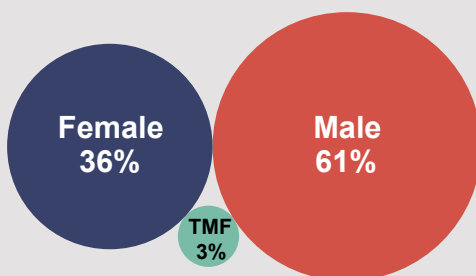
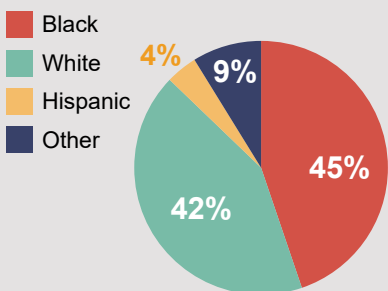
Early Non-P&S Syphilis Diagnosis  
Rate Regional Ranking  
**2nd**  
among Louisiana's nine public  
health regions

## Of the 126 early non-P&S syphilis diagnoses in 2022:

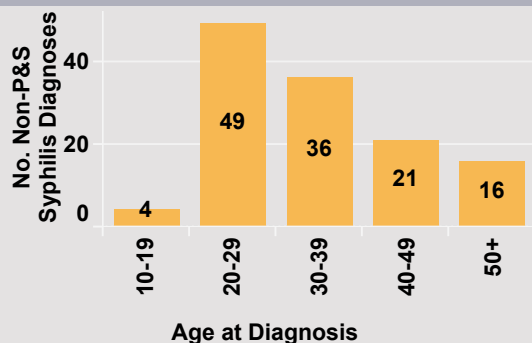
Almost half (45%) of the diagnoses  
were among Black people.

Males comprised 61% of diagnoses.

Over one-third of diagnoses (39%)  
were among people 20 to 29 years old.

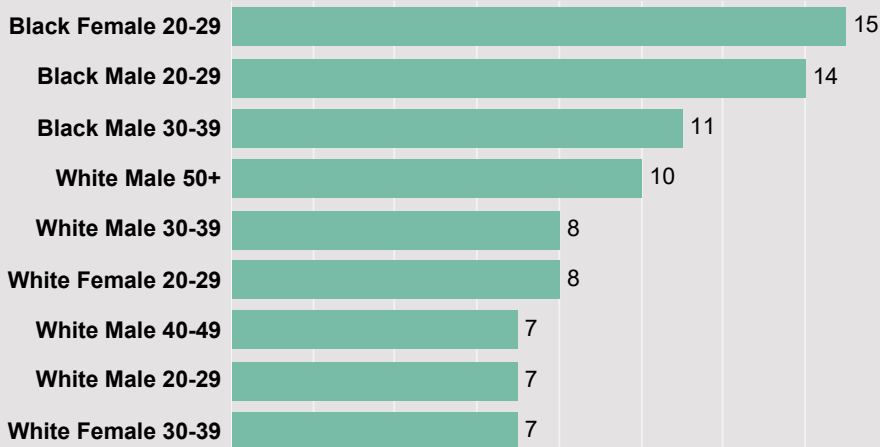


TMF: Transgender male to female



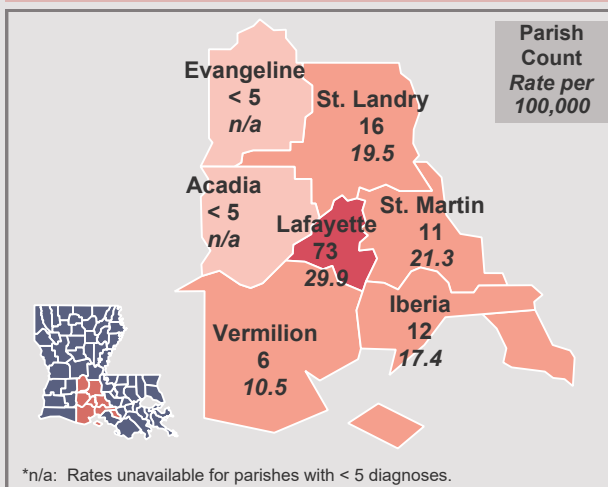
## Affected subpopulations

People of color are impacted by early non-P&S syphilis more than other groups. In Region 4, 23% of early non-P&S syphilis diagnoses were among Black people 20-29 years-old.

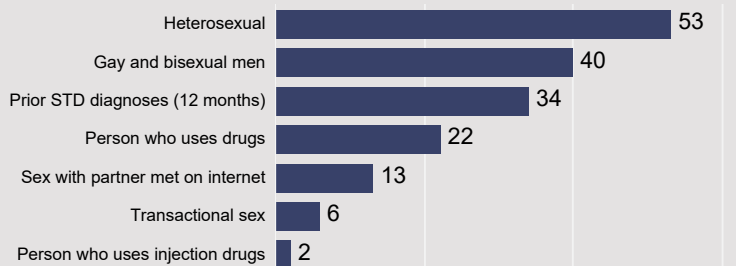


## Geographic distribution

In 2022, over half of new non-P&S syphilis diagnoses (58%) in Region 4 were from Lafayette Parish.



## Behavioral Factors



\*An individual can report more than one behavioral factor

## Syphilis Treatment Guidelines

STAGE OF SYPHILIS	REGIMEN	DOSE/ROUTE
Primary, Secondary, or Early Non-Primary Non-Secondary (<12 months)	Benzathine Pencillin G*	2.4 million units IM in a single dose
Late or Unknown Duration Syphilis (>12 months)	Benzathine Penicillin G*	7.2 million units IM administered as 3 doses of 2.4 million units IM each, at 1-week intervals

\*Benzathine Penicillin G is the only CDC approved treatment for pregnant women

Interpreting the Data: Please note that 2022 data may still be impacted from the COVID-19 pandemic.



# Congenital Syphilis (CS)

Annual Summary - 2022

Region 4 - Lafayette

Pregnant Mothers  
Diagnosed with Syphilis  
**46**

## Congenital Syphilis Cases

**17**

Case count reflects the total number of individual infants

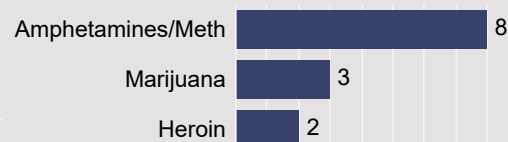
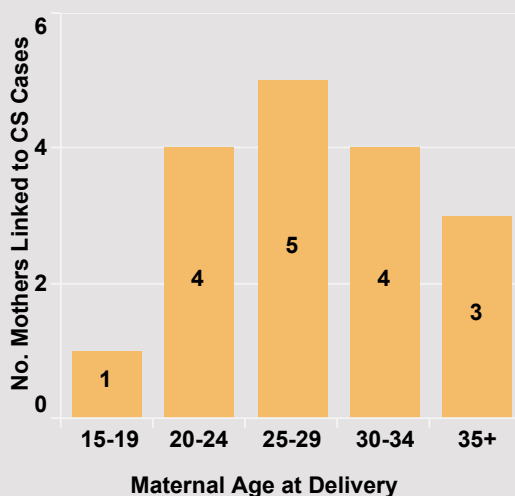
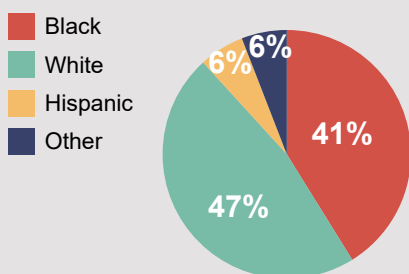
Infant Deaths Linked to  
Congenital Syphilis  
**3**

## Of the 17 pregnant mothers linked to a 2022 CS case:

Almost half (47%) were White women.

Over a quarter (29%) of mothers were between 25 to 29 years of age at delivery.

Over half (59%) had a positive toxicology screen during pregnancy.



**1 in 463**  
live births were born with  
CS in 2022

2022 Regional Ranking  
**2nd**  
Highest case count among  
Louisiana's nine public health  
regions

## Among pregnant mothers linked to a 2022 CS case:

Timely PNC **82%**

Timely PNC with  
Timely Initial Test **79%**

Timely PNC with  
Recommended Testing **27%**

Those who received prenatal care (PNC) at least 60 days before delivery

Those who received timely PNC and were initially tested for syphilis at least 45 days before delivery

Those who received timely PNC, a timely initial test, and were re-tested for syphilis at least 45 days before delivery

## Syphilis Guidelines for Pregnant Mothers

A case of congenital syphilis (CS) occurs when an infant is exposed to inadequately treated syphilis in utero or during delivery. This may result in stillbirth, death of a newborn, or significant future health and developmental problems.

Congenital syphilis is completely preventable through early detection of maternal syphilis and treatment that begins at least 30 days before delivery. Current treatment guidelines are as follows:

### Primary, Secondary, or Early Non-Primary Non-Secondary Syphilis

2.4 M units benzathine penicillin (1 dose)

### Unknown/Late Latent Syphilis

7.2 M units benzathine penicillin (3 doses, 7 days apart)

### Louisiana Testing Law

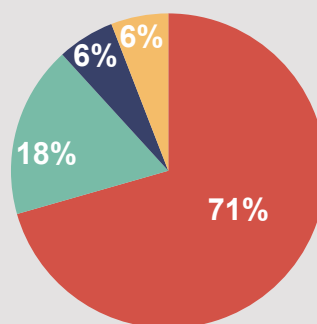
Act 459 was passed in Louisiana in 2014. This requires "opt-out" syphilis and HIV testing for all women at the first prenatal visit, the 1st prenatal visit in the 3rd trimester, and at delivery (if testing/status is not noted in medical charts).

## Maternal Stage of Syphilis

The majority (71%) of mothers, linked to a CS case, were diagnosed with early non-primary non-secondary syphilis.

### Surveillance Stage

- Early non-primary non-secondary
- Unknown/late latent
- Secondary
- Other





# Gonorrhea Annual Summary - 2022

## Region 4 - Lafayette

### New Gonorrhea Diagnoses

**1,960**

Louisiana Diagnoses: 15,015

### Gonorrhea Diagnosis Rate

**330.2**

per 100,000 population

Louisiana Rate: 324.7 per 100,000

### Gonorrhea Diagnosis Rate Regional Ranking

**6th**

among Louisiana's nine public health regions

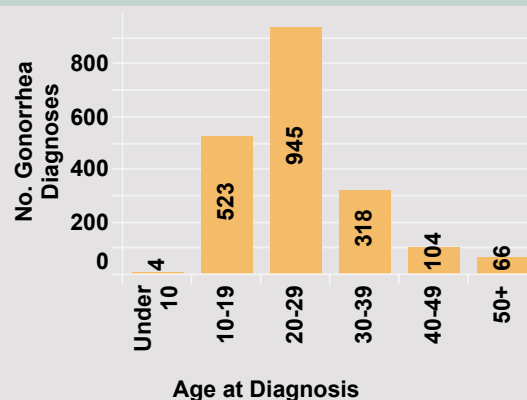
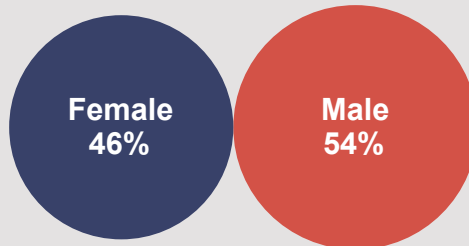
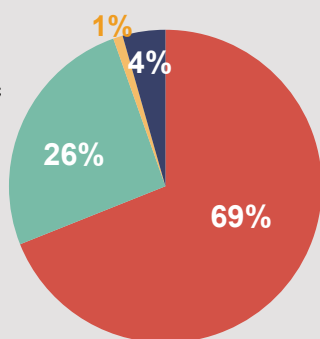
## Of the 1,960 gonorrhea diagnoses in 2022:

The majority (69%) of diagnoses were among Black people.

By sex at birth, males comprised 54% of diagnoses.

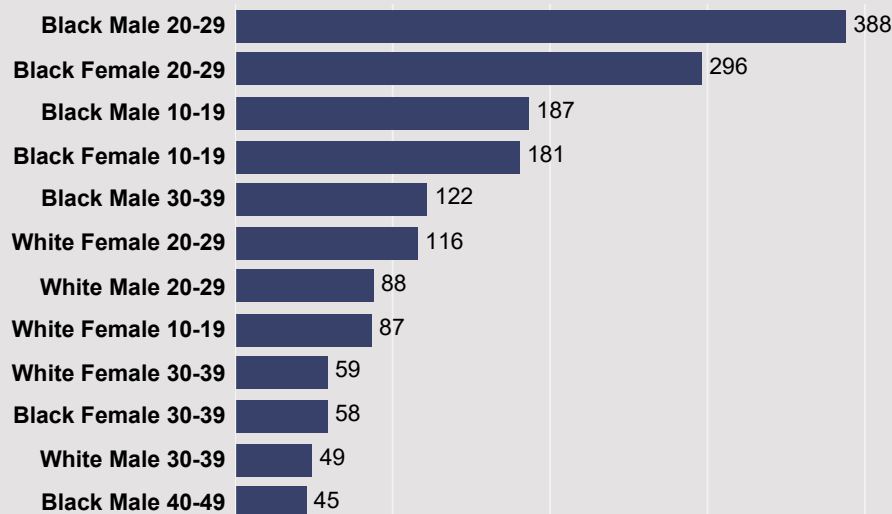
Almost half of diagnoses (48%) were among people 20 to 29 years old.

Black  
White  
Hispanic  
Other



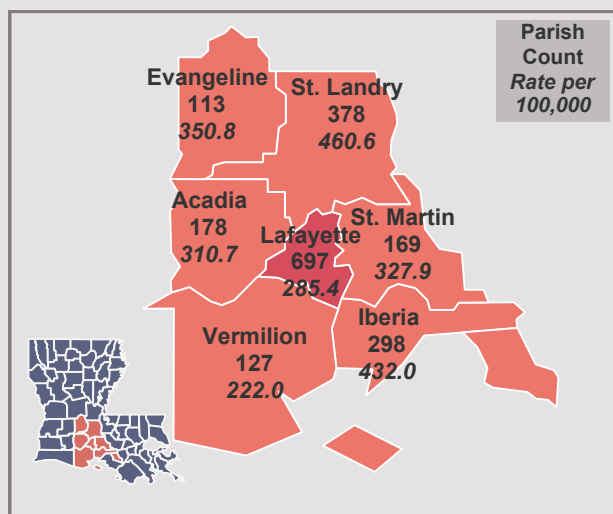
## Affected subpopulations

Young people of color are impacted by gonorrhea more than other groups. In Region 4, over half (54%) of gonorrhea diagnoses in 2022 were among young Black people 10 to 29 years old.



## Geographic distribution

In 2022, over one-third of new gonorrhea diagnoses (36%) in Region 4 were from Lafayette Parish.



## Gonorrhea Screening and Treatment Guidelines

### Screening Recommendations:

All sexually active women and pregnant women, under 25 years of age, and sexually active women and pregnant women, 25 years of age and older, if at increased risk.

At least annually for sexually active gay and bisexual men (GBM).

### Treatment:

Most cases can be treated with a single 500mg injection of ceftriaxone.

- Help minimize the threat of drug-resistant gonorrhea
- Test-of-cure for throat infections only
- Retest patients 3 months after treatment
- Treat partners





# Chlamydia Annual Summary - 2022

## Region 4 - Lafayette

New Chlamydia Diagnoses  
**4,491**

Louisiana Diagnoses: 36,200

Chlamydia Diagnosis Rate  
**756.7**  
per 100,000 population

Louisiana Rate: 782.9 per 100,000

Chlamydia Diagnosis Rate  
Regional Ranking

**6th**

among Louisiana's nine public  
health regions

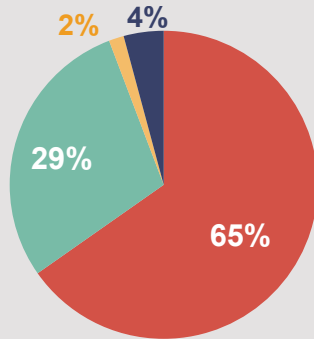
## Of the 4,491 chlamydia diagnoses in 2022:

The majority (65%) of diagnoses were  
among Black people.

By sex at birth, females comprised 66%  
of diagnoses.

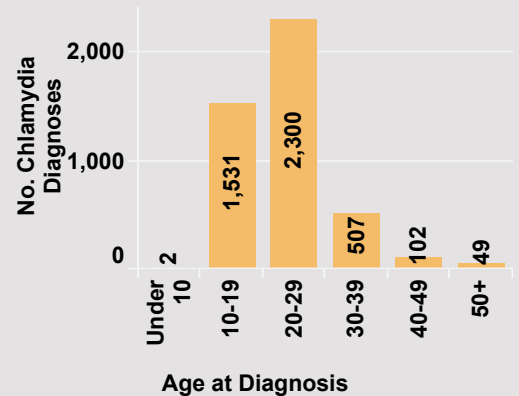
Over half of diagnoses (51%) were  
among people 20 to 29 years old.

Black  
White  
Hispanic  
Other



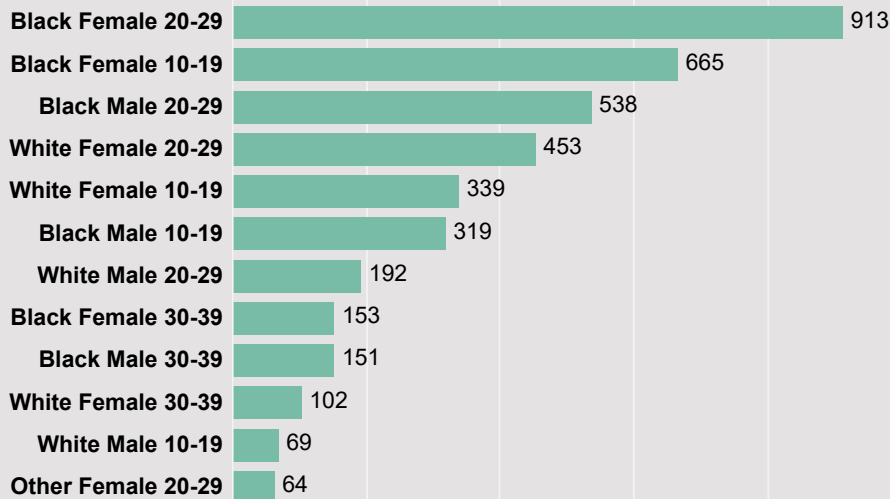
Female  
66%

Male  
34%



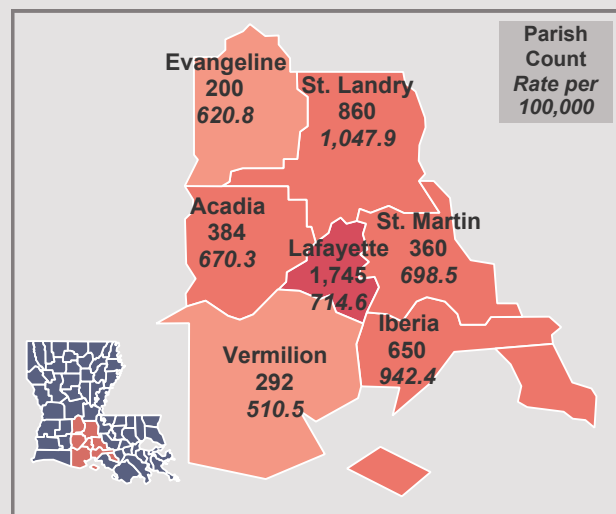
## Affected subpopulations

People of color and young females are impacted by chlamydia more than other groups. In Region 4, over one-third (35%) of chlamydia diagnoses in 2022 were among Black females 10 to 29 years old.



## Geographic distribution

In 2022, over one-third of new chlamydia diagnoses (39%) in Region 4 were from Lafayette Parish.



## Chlamydia Screening and Treatment Guidelines

### Screening Recommendations:

All sexually active women and pregnant women, under 25 years of age, and sexually active women and pregnant women, 25 years of age and older, if at increased risk.

At least annually for sexually active gay and bisexual men (GBM).

### Treatment:

Adults and adolescents:

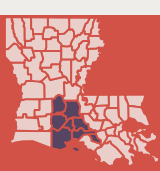
Recommended: Doxycycline 100 mg orally 2x/day for 7 days

Alternatives: Azithromycin 1 gm orally in a single dose OR Levofloxacin 500 mg orally 1x/day for 7 days

Pregnancy:

Recommended: Azithromycin 1 gm orally in a single dose

Alternatives: Amoxicillin 500 mg orally 3x/day for 7 days



# Acute Hepatitis B Annual Summary - 2022

## Region 4 - Lafayette

### Acute HBV Diagnoses

**5**

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Louisiana Diagnoses: 29

### Acute HBV Diagnosis Rate

**0.8**

per 100,000 population

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Louisiana Rate: 0.6 per 100,000

A safe and effective vaccine is available to prevent hepatitis B.

*Due to low counts, regional profiles of acute hepatitis B do not contain demographic and geographic breakdowns.*

## What is hepatitis B?

Hepatitis B is a vaccine-preventable liver infection caused by the hepatitis B virus (HBV). New infections cause a short term illness, referred to as an acute infection. Some people are able to clear HBV on their own and will no longer have HBV in their body, while others will progress to a long-term chronic illness.

## How is hepatitis B spread and prevented?

HBV is most commonly spread through injection drug use and sexual contact. HBV can also be spread during childbirth if appropriate prophylaxis isn't administered. A safe and effective vaccine is available to prevent hepatitis B. Anyone at risk should get vaccinated.

## Who is at risk for hepatitis B?

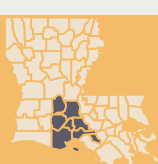
People at greater risk include infants born to mothers with hepatitis B, people who inject drugs or share needles, syringes, and other types of drug equipment, sex partners of people with hepatitis B, gay, bisexual and other men who have sex with men, people who live with someone who has hepatitis B, healthcare and public safety workers exposed to blood on the job, and people on dialysis.

## How common is hepatitis B?

CDC estimates that around 12,600 people acquire acute HBV each year in the United States. People with acute hepatitis B may not experience symptoms or may experience very mild symptoms. Consequently, not everyone with acute hepatitis B may seek medical care. Research estimates only 1 out of 7 people with acute hepatitis B are identified and reported to public health. It is likely that the burden of disease from acute hepatitis B is much greater than reported, and the number of cases that are reported to and confirmed by public health are only a small proportion of the true burden of disease.

Visit [louisianahealthhub.org](https://louisianahealthhub.org) for more information.

**Interpreting the Data:** Please note that 2022 data may still be impacted from the COVID-19 pandemic.



# Chronic Hepatitis B Annual Summary - 2022

## Region 4 - Lafayette

Chronic HBV Diagnoses

**116**

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Louisiana Diagnoses: 920

Chronic HBV Diagnosis Rate

**19.5**

per 100,000 population

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Louisiana Rate: 19.9 per 100,000

ranked **3rd** in number of diagnoses and **3rd** in diagnoses per 100,000 population among Louisiana's nine public health regions

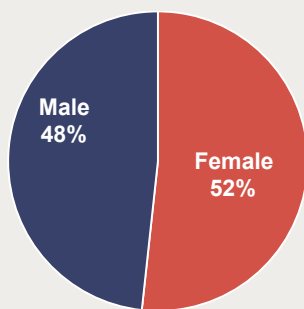
## Of the 116 new chronic HBV diagnoses in 2022:

52% of diagnoses were female.

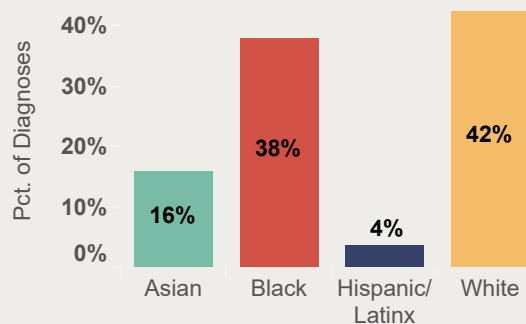
42% of diagnoses were among White people and 38% of diagnoses were among Black people.

The majority of diagnoses were seen in people 30-59 years old.

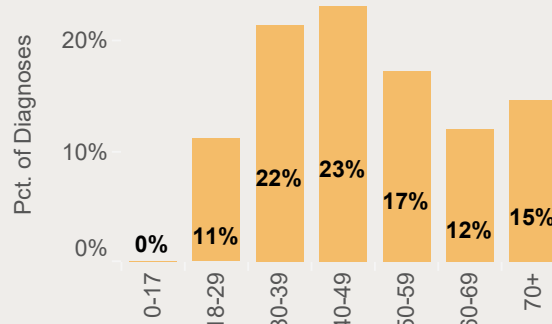
Birth Sex



Race/Ethnicity

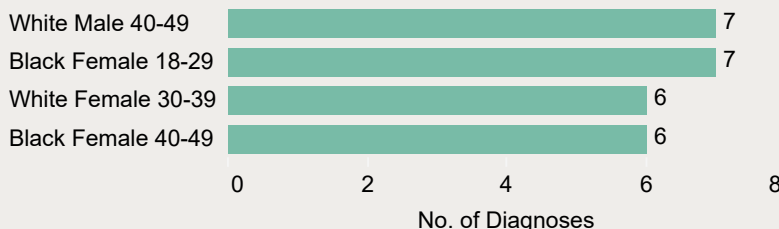


Age at Diagnosis



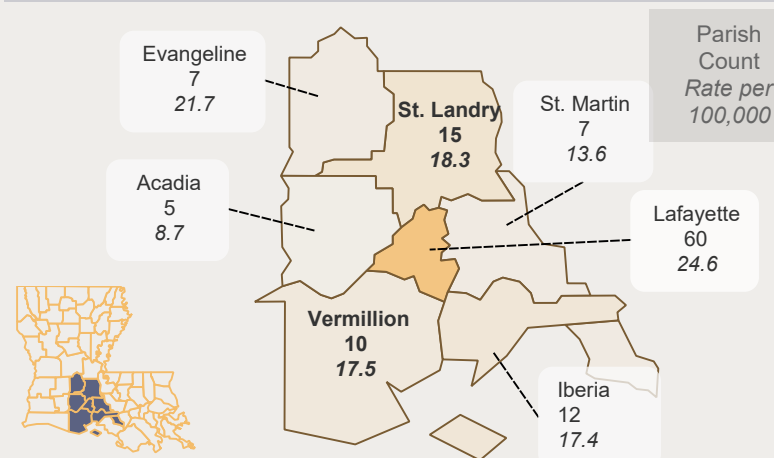
## Affected Subpopulations

White males 40-49 years old and Black females 18-29 years old had the highest number of chronic HBV diagnoses.



## Geographic distribution

Lafayette Parish had the highest number of HBV diagnoses and also the highest rate per 100,000 population.



\*n/a: Rates unavailable for parishes with <5 diagnoses.

## Prevention and Treatment

A safe and effective vaccine is available to prevent hepatitis B. The most common ways that hepatitis B is spread is by injection drug use and sexual contact. HBV can also be spread during childbirth if appropriate prophylaxis isn't given. Some people may clear HBV on their own, while others will progress to a long-term chronic illness. For those who progress to a chronic illness, treatment is available to prevent liver damage, but it is not curative.

**Interpreting the Data:** Please note that 2022 data may still be impacted from the COVID-19 pandemic.



# Acute Hepatitis C Annual Summary - 2022

Region 4 - Lafayette

Acute HCV Diagnoses

**11**

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Louisiana Diagnoses: 165

Acute HCV Diagnosis Rate

**1.9**

per 100,000 population

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Louisiana Rate: 3.6 per 100,000

Ranked **6th** in number of diagnoses and **9th** in diagnoses per 100,000 people among Louisiana's nine public health regions

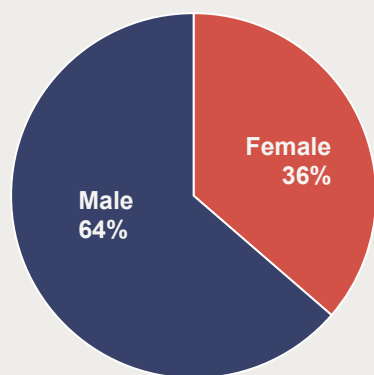
## Of the 11 acute HCV diagnoses in 2022:

64% of diagnoses were male.

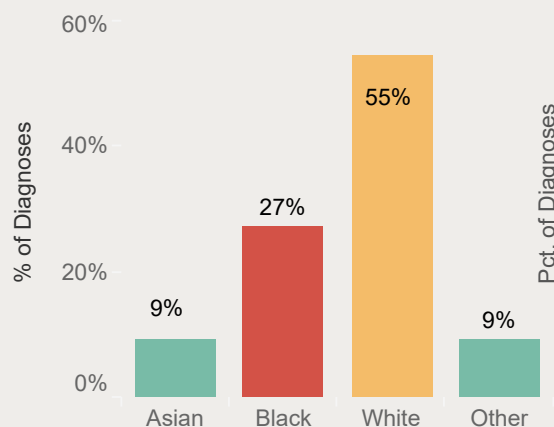
The majority of diagnoses were among White people.

The highest proportion of diagnoses was among 30-39 year olds.

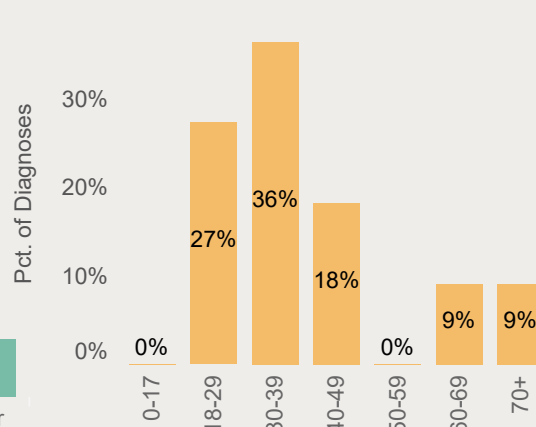
Birth Sex



Race/Ethnicity

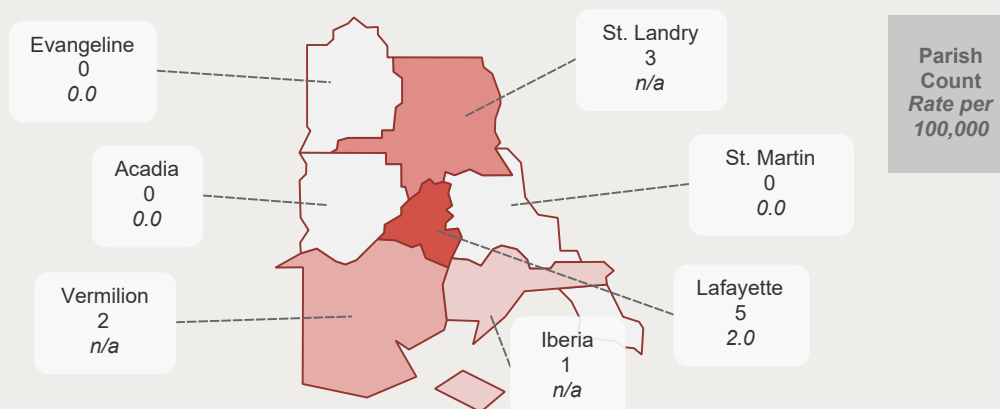


Age at Diagnosis



## Geographic Distribution

Lafayette Parish had the highest number of new diagnoses, followed by St. Landry Parish.



\*n/a: Rates unavailable for parishes with < 5 diagnoses.

## Hepatitis C: A Disease We Can Cure

The Louisiana Department of Health is committed to creating a "Hep C Free Louisiana" where hepatitis C is no longer a threat to public health, the quality of life for our citizens is improved, and health inequities related to hepatitis C are eliminated. Getting tested is the first step in eliminating HCV. CDC recommends universal testing of **ALL** adults for hepatitis C at least once in their lifetime. Visit [louisianahealthhub.org](https://louisianahealthhub.org) to find out where to get tested & treated.

**Interpreting the Data:** Please note that 2022 data may still be impacted from the COVID-19 pandemic.





# Chronic Hepatitis C Annual Summary - 2022

Region 4 - Lafayette

Chronic HCV Diagnoses

**369**

Louisiana Diagnoses: 4,132

Chronic HCV Diagnosis Rate

**62.2**

per 100,000 population

Louisiana Rate: 89.4 per 100,000

Ranked **6th** in number of diagnoses  
and **9th** in diagnoses per 100,000  
population among Louisiana's nine public  
health regions

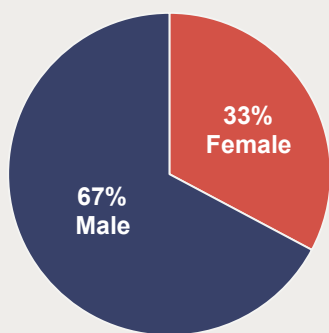
## Of the 371 new chronic HCV diagnoses in 2022:

Males comprised 67% of diagnoses.

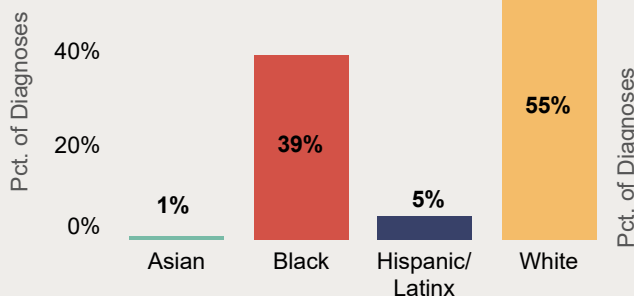
The majority of diagnoses were among White people.

People 60-69 years old had the highest  
proportion of diagnoses.

### Birth Sex

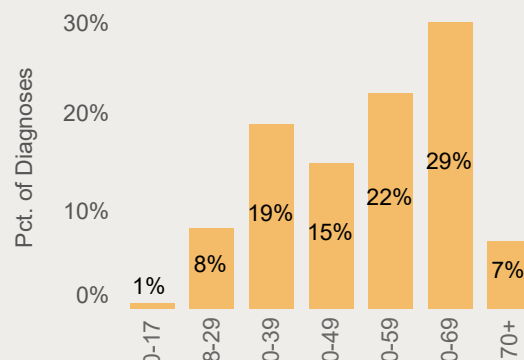


### Race/Ethnicity



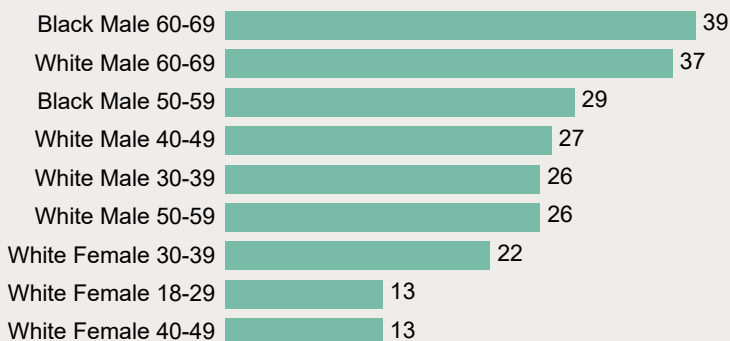
Note: While White people had the highest percentage of diagnoses, both Black people and people of Hispanic descent had higher rates of diagnoses per 100,000 population.

### Age at Diagnosis



## Affected Subpopulations

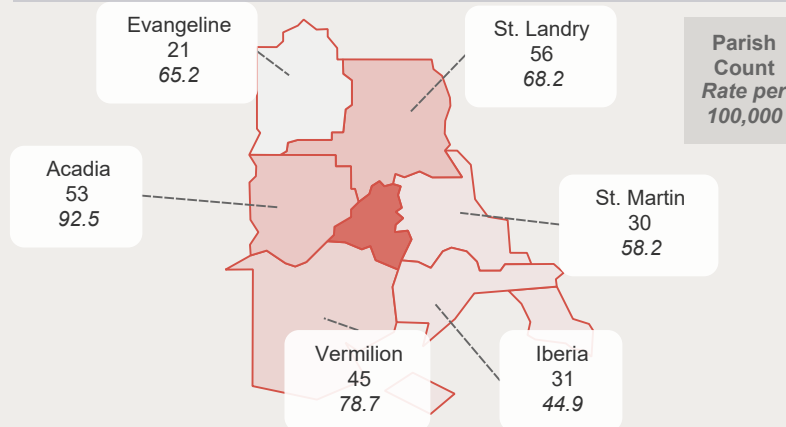
Black males 60 to 69 years old and White males 60 to 69 years old, had the highest number of new diagnoses.



Number of Diagnoses

## Geographic Distribution

Lafayette Parish had the highest number of diagnoses, while Acadia Parish had the highest rate per 100,000 population.



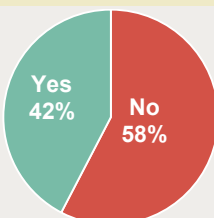
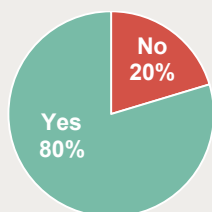
## Hepatitis C Testing and Treatment

In 2022, 80% of individuals with positive diagnostic tests also had confirmatory testing done.

As of December 2022, 42% of individuals with confirmed HCV have evidence of an HCV negative lab and have cleared the virus.

HCV antibody testing with reflex to confirmatory testing, HCV RNA test, should be utilized to ensure complete diagnostic testing. Doing so, reduces the number of required healthcare visits and streamlines treatment.

A safe and effective treatment is available to cure hepatitis C. Treatment for hepatitis C is available at no cost for everyone enrolled in Medicaid and people who are incarcerated in Louisiana. Visit [louisianahealthhub.org](https://louisianahealthhub.org) to find out more.



**Interpreting the Data:** Please note that 2022 data may still be impacted from the COVID-19 pandemic.

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