2018

LOUISIANA HEALTH REPORT CARD

As mandated by R.S. 40: 1260

John Bel Edwards, Governor

Rebekah Gee, MD, MPH
Secretary, Department of Health

Alexander Billioux, MD, D.Phil
Assistant Secretary, Office of Public Health

Submitted to the Governor and the Legislature, May 2019

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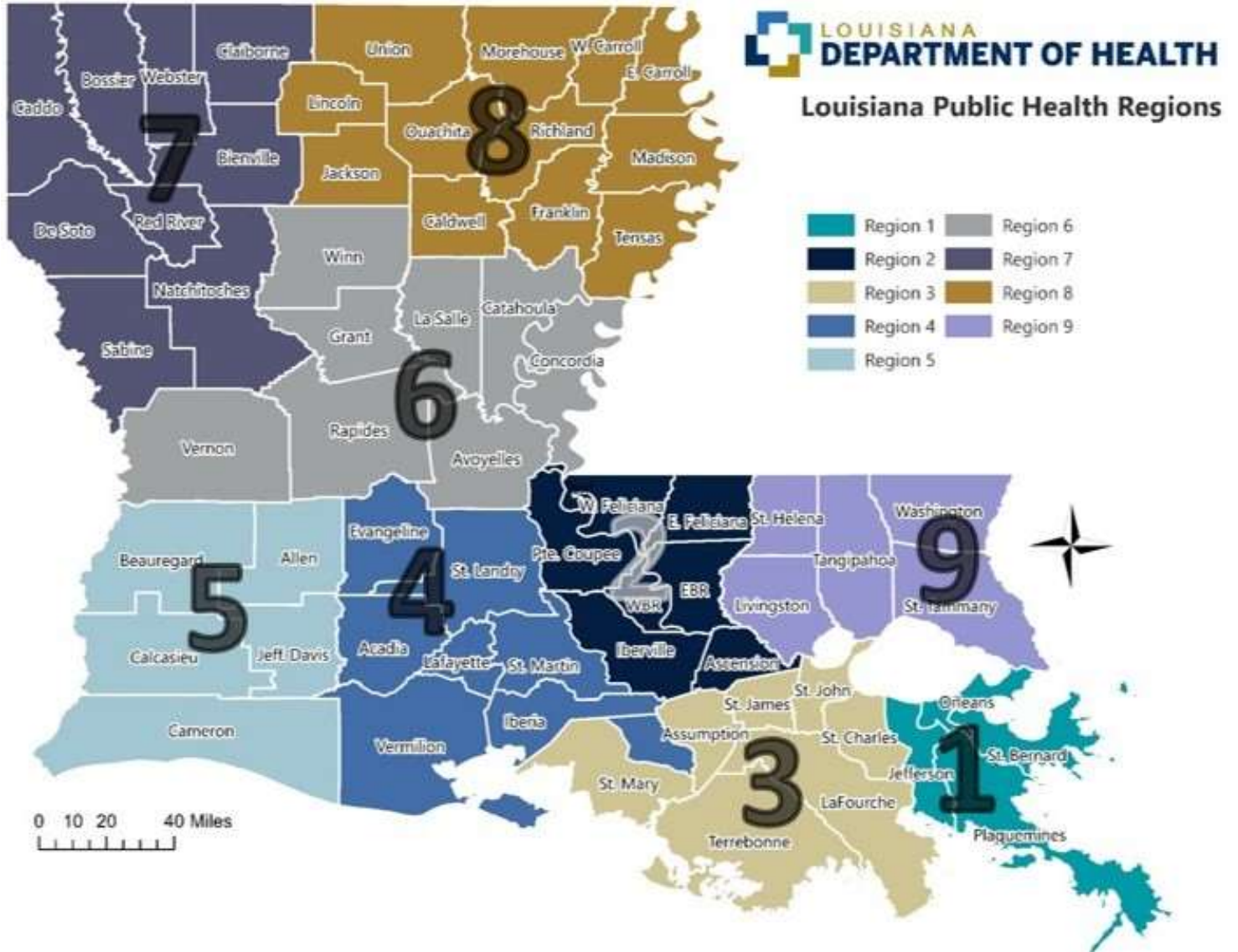Assistant Secretary
Office of Public Health

Prepared by the Bureau of Health Informatics
www.ldh.la.gov/cphi

Submitted to the Governor and the Louisiana Legislature May 2019

ADMINISTRATIVE REGIONS

INTRODUCTION

In 1995, the Louisiana legislature passed Act 985, which required that the Louisiana Department of Health (LDH) prepare a yearly report card describing the overall health of its citizens and health-related issues. In addition to informing Louisianans on the overall health circumstances in our state, this annual publication is an effective tool for health planning and evaluating the effectiveness of health programs.

The Louisiana Health Report Card is divided into ten chapters:

a) Healthy Louisiana Facts and Figures
b) Health Findings of Major Diseases
c) Cancer in Louisiana
d) Teenage Pregnancy and Birth Rates
e) Rates of Low Birthweight Babies
f) Suicide and Violent Deaths
g) Sexually Transmitted Diseases
h) Incidence of Drug Addictions
i) Opioid Epidemic
j) Infectious Diseases

This report was compiled and written by the Office of Public Health, Bureau of Health Informatics, in collaboration with:
(1) Medicaid Business Analytics Section
(2) Louisiana Tumor Registry at LSU
(3) LDH Office of Behavioral Health
(4) OPH Bureau of Vital Records
(5) OPH Section of Infectious Disease Epidemiology
(6) OPH Bureau of Infectious Disease, STD/HIV Program

The Data presented in this report were extracted from state and national databases and feature the last complete year of data available at the time of the report. In most cases, the last year of complete data was 2017.

The appendices to this document contain the Vital Records Report for 2017.

TABLE OF CONTENTS

HEALTHY LOUISIANA

Executive Order JBE 16-01 directed LDH to implement Medicaid expansion in the state of Louisiana by July 1, 2016. Through the diligent efforts of LDH and support of the Edwards Administration and all other executive branch departments, more than 480,000 adults now have access to **affordable, quality healthcare in Louisiana**. Without new state funding or resources, the department implemented several enrollment strategies that used existing systems and resources to enroll newly-eligible adults.[1]

Percent population without health insurance coverage—Louisiana, 2013-2017[2]
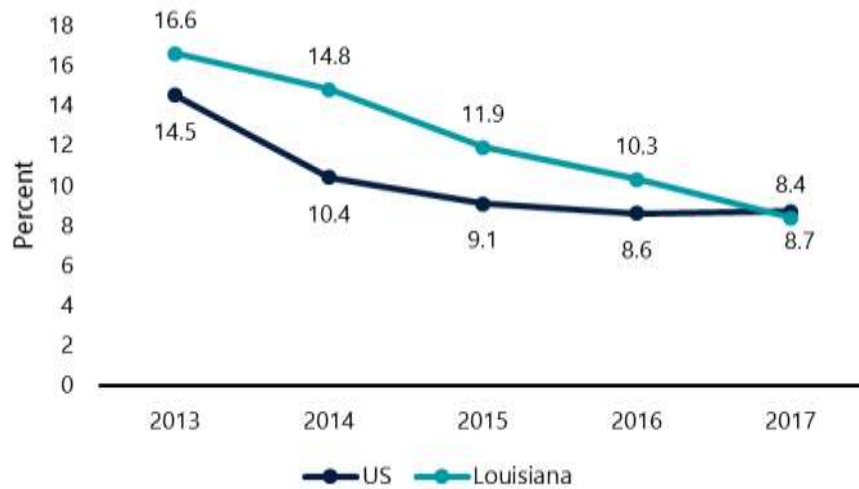
Source: Health Insurance Coverage in the United States, 2017; US Census Bureau

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[1] http://www.dhh.louisiana.gov/assets/HealthyLa/Resources/MdcdExpnAnnlRprt_2017_WEB.pdf
[2] https://www.census.gov/content/dam/Census/library/publications/2018/demo/p60-264.pdf

2018 LOUISIANA HEALTH REPORT CARD

LIVES AFFECTED	OUTCOME	
502,055	**Health Insurance** Adults enrolled in Medicaid Expansion as of Feb 17, 2019	Details
77% **282,884**	**Doctor Visits** Percentage of adults who had a doctor's office visit during the year*,** Adults who visited a doctor and received new patient or preventive healthcare services*	Details
63,186 **630**	**Breast Cancer** Women who've gotten screening or diagnostic breast imaging* Women diagnosed with breast cancer as a result of this imaging*	Details
34,545 **11,132** **468**	**Colon Cancer** Adults who received colon cancer screening* Adults with colon polyps removed: colon cancer **averted*** Adults diagnosed with colon cancer as a result of this screening*	Details
12,582	**Newly Diagnosed Diabetes** Adults newly diagnosed and now treated for Diabetes*	Details
34,228	**Newly Diagnosed Hypertension** Adults newly diagnosed and now treated for Hypertension*	Details
76,822 **18,260**	**Mental Health** Adults receiving specialized outpatient mental health services* Adults receiving inpatient mental health services at a psychiatric facility*	Details
14,660 **16,072**	**Substance Use** Adults receiving specialized substance use outpatient services* Adults receiving specialized substance use residential services*	Details

*Statistics as of February 05, 2019

**Reported as a modified version of the Adults' Access to Ambulatory or Preventive Care (AAP) HEDIS® measure which includes the percentage of Medicaid Expansion eligibles enrolled at least 11 of 12 months of the year ending 4 months prior to report date who had an ambulatory or preventive care visit during the year.

Source: Healthy Louisiana Dashboard, extracted 25 February, 2019

To access the most recent data on Medicaid Expansion in the state, citizens can visit www.ldh.la.gov/healthyladashboard.

Total new enrollment by parish as of the date of this publication:

Expansion Enrollment by Parish
As of Feb 17, 2019

Total new enrollment
- < 2,500
- 2,500 - 4,999
- 5,000 - 9,999
- 10,000 - 19,999
- > 20,000
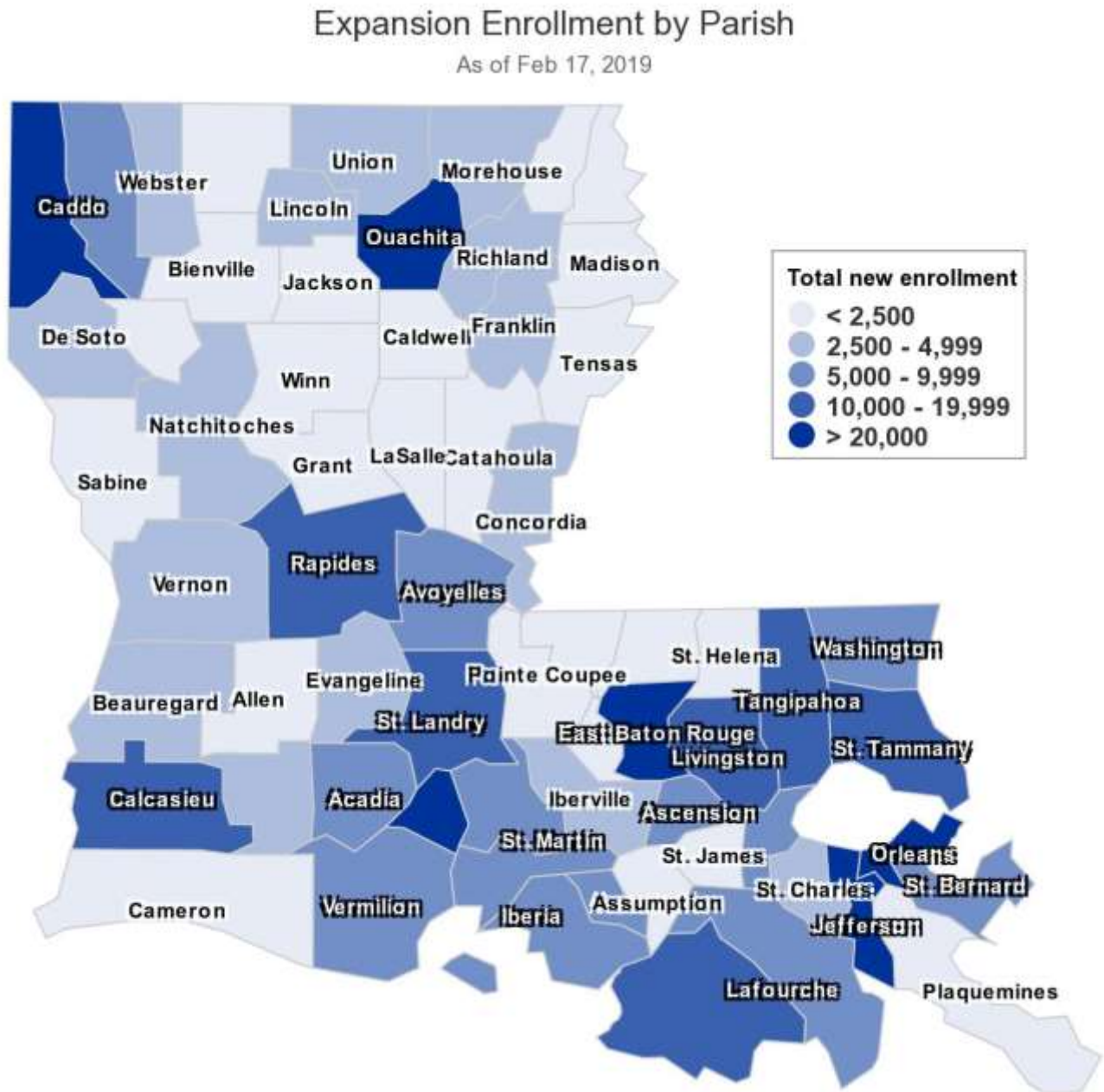
More information about Healthy Louisiana, the comprehensive state Medicaid program, can be found on the LDH website at www.ldh.la.gov.

HEALTH FINDINGS OF MAJOR DISEASES

The tables below highlight Louisiana's ranking in three major disease categories: 1) heart disease and stroke, 2) obesity, and 3) diabetes. The most recent data available indicates that Louisiana ranks:

46th in death due to heart disease and stroke

45th in percentage of obese adults

47th in percentage of adults with diabetes

Number of cardiovascular disease deaths per 100,00 residents Louisiana, Neighboring States, and United States, 2017		
State	**Rate**	**Rank**
United States	256.8	--
Louisiana	320.0	46
Alabama	342.6	49
Arkansas	330.2	47
Mississippi	356.0	50
Texas	264.2	34

Source: America's Health Rankings, United Health Foundation

In 2017, rates of heart disease and stroke were 24.6% higher in Louisiana than the US average, but were comparable to other states in the South with the exception of Texas.

Percentage of adults who are obese (BMI of 30.0 or higher) Louisiana, Neighboring States, and United States, 2017		
State	**Percent**	**Rank**
United States	29.9	--
Louisiana	36.2	45
Alabama	36.3	46
Arkansas	35.0	44
Mississippi	37.3	49
Texas	33.0	37

Source: America's Health Rankings, United Health Foundation

The percentage of adults who are obese in Louisiana increased from 35.5% in 2016 to 36.2% in 2017. This is 21% higher than the national average of 29.9% obese adults. However, other southern states, such as Alabama, Arkansas, and Mississippi had similar increases in percentage of obese adults, leaving Louisiana ranked at 45th in the nation.

The percentage of adult Louisiana residents who have been told they have diabetes has increased from 12.1% in 2016 to 13.6% in 2017. Louisiana has dropped from 42nd to 47th in the nation for this disease. Louisiana has a lower percentage of adults diagnosed with diabetes than Alabama and Mississippi, but is almost 30% higher than the national average. These numbers exclude gestational diabetes (high blood sugar levels during pregnancy) and pre-diabetes (slightly elevated blood sugar levels), as these diseases are different from typical diabetes.

Percentage of adults who have been told they have diabetes* Louisiana, Neighboring States, and United States, 2017		
State	**Percent**	**Rank**
United States	10.5	--
Louisiana	13.6	47
Alabama	14.1	48
Arkansas	12.2	42
Mississippi	14.2	49
Texas	11.9	41

*Excludes pre-diabetes and gestational diabetes
Source: America's Health Rankings, United Health Foundation

The following data were taken from the Louisiana Behavioral Risk Factor Surveillance System (BRFSS), a national telephone survey that collects data about state residents regarding their health behaviors and chronic health conditions. All civilian, non-institutionalized state residents aged 18 and older with a household landline or cellular telephone are eligible for survey participation. Respondents were selected randomly from the sample of eligible individuals.

The primary purpose of the survey is to provide population-based estimates for chronic disease and the associated risk factors for Louisiana residents. The results of the survey are used by public health agencies, non- profit organizations, academic institutions, state agencies, and others to develop initiatives and programs to improve the health of Louisiana residents.

The survey methods and sample size provides accurate region-level prevalence estimates, but cannot be broken down into parish level rates.

Further breakdown of the BRFSS data can be found in *Appendix B*.

2017 CONDITIONS/RISK FACTORS	REGION									
(% PREVALENCE)	1	2	3	4	5	6	7	8	9	TOTAL
DIABETES	16.5	11.4	11.8	9.5	15.1	16.3	13.8	16.2	12.6	13.6
OVERWEIGHT	32.8	34.9	32.2	32.4	35.0	33.9	34.5	32.5	35.6	33.8
OBESE	36.3	31.2	41.4	33.9	37.2	39.6	37.8	41.3	33.8	36.2
STROKE	4.0	5.1	5.5	4.3	4.4	4.7	5.0	5.8	4.1	4.7
MI (HEART ATTACK)	3.1	4.9	6.5	3.9	5.9	7.0	5.5	6.4	6.7	5.2
CHD (ANGINA)	3.6	4.9	6.0	5.1	5.6	6.3	5.4	5.7	7.0	5.3
EVERY DAY SMOKER	12.8	11.6	16.0	16.9	17.3	19.4	16.3	12.0	17.2	15.0
ALL CURRENT SMOKERS	21.3	19.1	25.9	22.8	24.5	27.9	24.5	20.2	25.5	23.1
EX SMOKER	21.0	20.3	23.6	25.9	24.1	26.5	23.3	25.4	21.3	22.9
NEVER SMOKER	57.7	60.5	50.4	51.3	51.4	45.6	52.2	54.4	53.2	54.0
ASTHMA	14.2	14.9	16.1	17.5	15.6	13.0	15.6	14.0	17.1	15.4
COPD	9.4	7.2	10.4	6.4	9.5	13.1	7.9	8.7	10.7	9.0
SKIN CANCER	4.6	4.6	5.5	3.1	6.0	5.5	5.4	6.0	7.0	5.1
OTHER CANCER	6.0	7.0	6.4	9.8	7.3	7.0	5.8	6.9	6.5	6.9
ARTHRITIS	26.9	22.1	29.0	29.0	25.9	32.7	27.1	24.1	31.7	27.3
DEPRESSIVE DISORDER	20.0	18.9	21.8	22.2	22.4	33.7	19.8	20.6	24.0	21.9
KIDNEY DISEASE	3.0	3.0	4.8	3.9	3.7	3.5	4.5	3.2	5.2	3.8

CANCER IN LOUISIANA

Since hospitals are required to report cancer cases within six months of the initial cancer visit, there is an inherent delay in case reporting to the central registry. The reporting delay allows for the collection of information related to cancer treatment.

Deaths due to all causes of cancer per 100,000 residents Louisiana, Neighboring States, and United States, 2017		
State	**Rate**	**Rank**
United States	189.8	--
Louisiana	215.3	44
Alabama	210.5	42
Arkansas	218.6	47
Mississippi	226.6	48
Texas	180.5	11

Source: America's Health Rankings, United Health Foundation
CDC, National Vital Statistics System

In 2017, the state of Louisiana's rate of cancer deaths was 13.4% higher than the national average, but comparable to neighboring states, with the exception of Texas. The death rate dropped from 218.2 cancer deaths per 100,000 Louisiana residents in 2016 to 215.3 cancer deaths per 100,000 Louisiana residents in 2017.

Rates of new cancer per 100,000 residents Louisiana, Neighboring States, and United States, 2015		
State	**Rate**	**Rank**
United States	438	--
Louisiana	477.5	46
Alabama	449.1	25
Arkansas	470.1	43
Mississippi	456.7	32
Texas	396.0	7

Source: US Cancer Statistics, CDC

A "cancer incidence rate" is the number of new cancers diagnosed in a population in a given time period, and can include multiple cancers occurring in one patient. It also reports on the primary cancer site and not any metastatic sites. Nationally, the rate of cancer incidences is 438 per 100,000 people. The overall Louisiana rate is 477.5 per 100,000 people, which is 9.0% above the national rate. According to the CDC, in 2015 (the most recent year of national data available) Louisiana ranked 46th in the country for cancer incidence.[2]

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[2] https://gis.cdc.gov/Cancer/USCS/DataViz.html

Cancer incidence by patient's parish of residence
Age-adjusted rate per 100,000 residents, all cancer sites, 2011-2015

Data from SEER (Surveillance, Epidemiology, and End Results Program, National Cancer Institute); United States Census Bureau
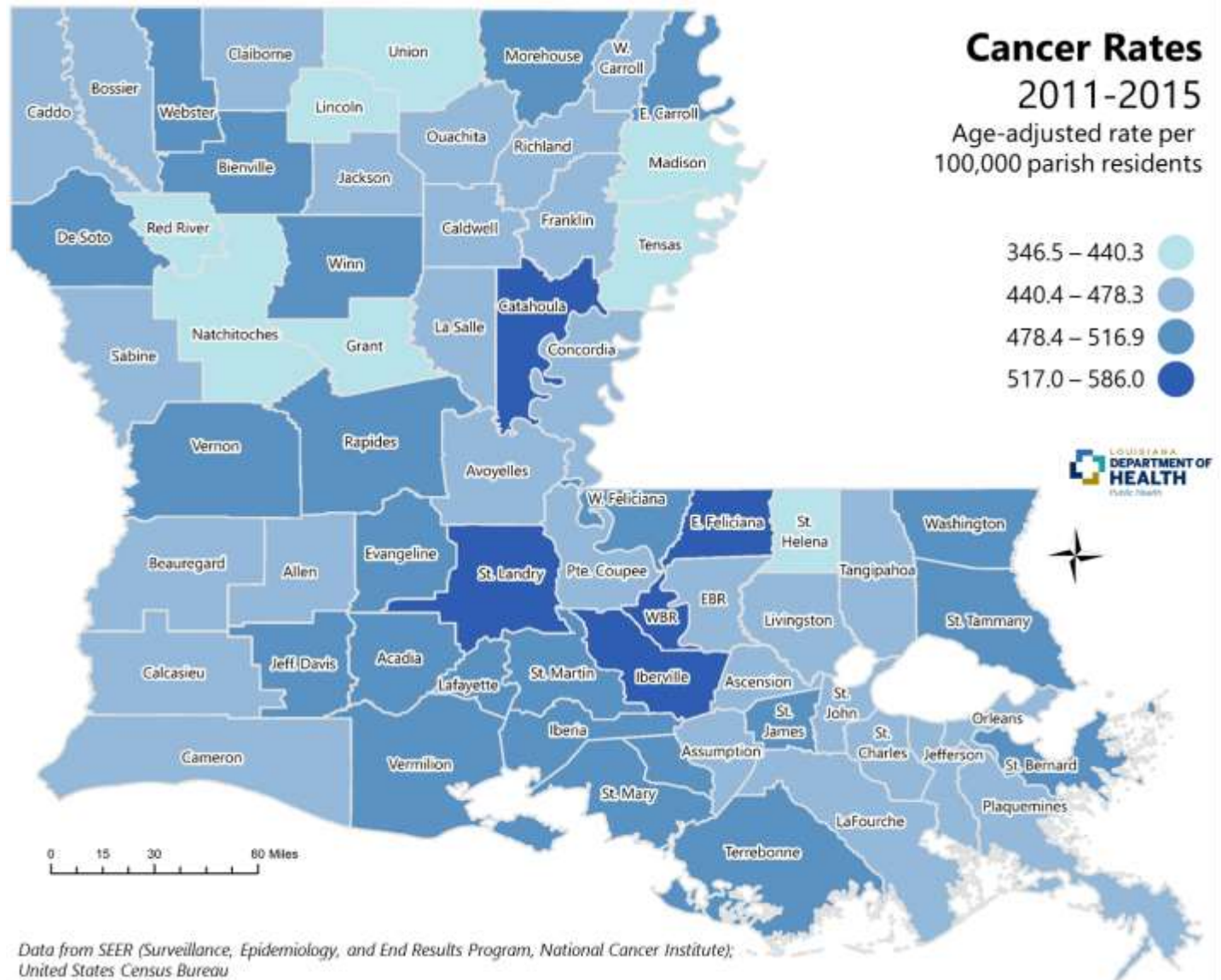
There were eight Louisiana parishes – Grant, Lincoln, Madison, Natchitoches, Red River, St. Helena, Tensas, and Union – with cancer rates below the national average. With the exception of St. Helena, these parishes are located in the northern part of the state. St. Helena is in the eastern part of the state. The cancer rates at both the state and national level are declining over time. Fifty-two (81.3%) of parishes in Louisiana have stable cancer rate trends. Ten (15.6%) other parishes have falling cancer rate trends. Concordia Parish and Terrebonne Parish were the only parishes to show an increasing trend.

**Leading Cancer Incidence Rates[1] by Race & Sex Group
Louisiana and the US, 2011-2015**

Black Women	Louisiana	*	U.S.[3]
All Sites	415.4	↑	397.8
Breast	133.3	↑	126.9
Lung and Bronchus	49		47.9
Colon and Rectum	48.4	↑	41.9
Corpus and Uterus, NOS	22	↓	25.4
Kidney and Renal Pelvis	15.3	↑	12.8
Pancreas	14.7		14.3
Thyroid	14.6		13.4
Non-Hodgkin Lymphoma	11.9		12.1
Cervix Uteri	11.7	↑	8.4
Myeloma	11.1	↑	11.6

White Women	Louisiana	*	U.S.[3]
All Sites	544.8	↑	423.1
Breast	120.7	↑	128.6
Lung and Bronchus	82.4	↑	50.2
Colon and Rectum	51.2	↑	34
Thyroid	37.7		22.8
Corpus and Uterus, NOS	32.1	↑	26.6
Non-Hodgkin Lymphoma	29.4	↑	16.8
Melanoma of the Skin	25.5		21.5
Kidney and Renal Pelvis	22.3	↑	11.3
Pancreas	19.3		11.1
Leukemia	16	↑	11.4

Black Men	Louisiana	*	U.S.[3]
All Sites	605.1	↑	535.0
Prostate	190.8	↑	178.3
Lung and Bronchus	105.8	↑	81.2
Colon and Rectum	66.7	↑	55.5
Kidney and Renal Pelvis	28.3	↑	25.3
Liver and Intrahepatic Bile Duct	21.5	↑	17.3
Urinary Bladder[2]	18.4	↓	20.6
Non-Hodgkin Lymphoma	18.3		17.5
Pancreas	18.1		16.9
Oral Cavity and Pharynx	16.5	↑	14.0
Stomach	16.4	↑	13.6

White Men	Louisiana	*	U.S.[3]
All Sites	551.4	↑	488.5
Prostate	127.1	↑	105.7
Lung and Bronchus	85.5	↑	63.9
Colon and Rectum	52.5	↑	44.4
Urinary Bladder[2]	38.1		37.6
Melanoma of the Skin	30.6	↓	35.2
Kidney and Renal Pelvis	29.2	↑	22.2
Non-Hodgkin Lymphoma	25.5		24.7
Oral Cavity and Pharynx	21.9	↑	18
Leukemia	18.4		18.6
Pancreas	15.2	↑	14.4

[1]*Rates are per 100,000 and age-adjusted to the 2000 US Population (19 age groups – Census P25-1130) standard.*
[2]*Except for urinary bladder (in situ and invasive), only invasive cases are included*
[3]*U.S. incidence rate estimates are from the Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute, 18 regions.*
* ↑ *or* ↓ *The Louisiana rate is significantly higher or lower (P<0.05) than the U.S. rate.*

The Louisiana Tumor Registry is supported by the SEER Program (NCI), the National Program of Cancer Registries (CDC), the LSU Health Sciences Center--New Orleans, and host institutions.
This data was compiled by the Louisiana Tumor Registry at LSU in January 2019.

The all-site cancer rate for Louisianan black women from 2011-2015 was 415.4 cases per 100,000 population. This was significantly higher than national rates for the same population, which were 397.8 cases per 100,000 population. Black women in Louisiana also had significantly higher breast, colorectal, kidney, and cervical cancer than the national population of black women, but significantly lower rates of uterine cancer.

Louisianan white women had overall cancer rates slightly lower than the US rates for the same population (420.6 vs 423.1 per 100,000), but higher overall rates than Louisianan black women (420.6 vs 415.4 per 100,000). Like black women, white women had significantly higher rates of colorectal and kidney cancer, and lower rates of uterine cancer than their respective national populations. Breast cancer and melanoma rates in white women in Louisiana were significantly lower than the national rates for the same population. Lung and Bronchus cancer, Non-Hodgkin Lymphoma, and Pancreas cancer rates in white Louisianan women were significantly higher than the national rates for the same population.

The three most commonly occurring cancers in all Louisianan women were breast, lung/bronchus, and colorectal.

At 605.1 cases per 100,000 population, black men in Louisiana had significantly higher rates of all cancers compared to the national rates for black men (535.0 cases per 100,000). This 13.1% difference was the largest difference between Louisianan rates and the national rates for each race/sex group shown in these four tables. The American Cancer Society reports that black men in the US and Caribbean men of African descent have the highest documented prostate cancer incidence rates in the world, which possibly explains the high rates in Louisiana. Louisianan black men also had significantly higher rates of lung, colorectal, kidney, liver, oral cavity, and stomach cancers than the corresponding national population. Urinary bladder cancer rates were significantly lower in black men in Louisiana than in the national population of black men.

Like Louisianan black men, Louisianan white men also had significantly higher cancer rates at all sites in comparison to the national population of white men (11.5% higher). Additionally, white men in Louisiana had significantly higher rates of prostate, lung, colorectal, kidney, oral cavity, and pancreatic cancers than the national population of white men, but lower rates of melanoma of the skin.

The three most commonly occurring cancers in all Louisiana men were prostate, lung, and colorectal.

The Louisiana Tumor Registry (LTR) collects additional cases from smaller hospitals and physician offices and manually consolidates the information with reports from other sources. All cases are edited, both programmatically and manually. In late 2017 the LTR submitted its 2015 cases to the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute. More information on the Louisiana Tumor Registry can be found at: sph.lsuhsc.edu/louisiana-tumor-registry.

TEENAGE PREGNANCY AND BIRTH RATES

Louisiana ranks 45th among states in the reported number of births to females 15 to 19 years old. The number of births to teen mothers in Louisiana is approximately 12 more per 1,000 females than that of the US average. However, the number of teen births has reduced by almost 2 per 1,000 females since 2016, and almost 8 per 1,000 females since 2015. Among Louisiana parishes, Avoyelles, Morehouse, Jackson, Washington, and Vernon parishes had the highest teenage birth rates in 2017. St. Tammany, St. Charles, Lincoln, St. John, and Orleans parishes had the lowest teenage birth rates in 2017. In overall number of births, the parishes of East Baton Rouge, Jefferson, Caddo, Calcasieu, and Orleans combined had 1,506 teen births, which accounted for just over one-third of teenage births among all Louisiana parishes.

Number of births per 1,000 females aged 15 to 19 years Louisiana, Neighboring States, and United States, 2017		
State	**Number**	**Rank**
United States	22.3	--
Louisiana	34.1	45
Alabama	30.1	41
Arkansas	38.0	50
Mississippi	34.8	48
Texas	34.6	46

Source: America's Health Rankings, United Health Foundation

Additional birth data, including number of live births by parish, low birthweights by parish, and infant death by mother's residence can be found in Appendices C, D, and E, respectively.

NUMBER AND RATE* OF BIRTHS TO TEENAGE** MOTHERS
Louisiana Residents, 2017***

Parish	Number	Rate	Parish	Number	Rate
State	4220	28.7	Madison	16	****
Acadia	62	30.5	Morehouse	46	59.8
Allen	29	40.8	Natchitoches	40	21.4
Ascension	88	21.4	Orleans	222	20.2
Assumption	21	31.1	Ouachita	173	31.9
Avoyelles	74	61.1	Plaquemines	14	****
Beauregard	47	40.7	Pointe Coupee	16	****
Bienville	16	****	Rapides	157	35.6
Bossier	87	23.2	Red River	13	****
Caddo	288	37.5	Richland	26	38.4
Calcasieu	270	42.6	Sabine	26	35.9
Caldwell	15	****	St Bernard	32	23.1
Cameron	6	****	St Charles	27	15.6
Catahoula	< 5	****	St Helena	8	****
Claiborne	10	****	St James	8	****
Concordia	< 5	****	St John	28	18.8
Desoto	23	27.0	St Landry	103	38.5
E Baton Rouge	408	25.6	St Martin	44	27.3
East Carroll	11	****	St Mary	49	30.9
E Feliciana	10	****	St Tammany	109	13.3
Evangeline	40	37.2	Tangipahoa	149	32.0
Franklin	25	40.5	Tensas	< 5	****
Grant	26	46.3	Terrebonne	102	28.8
Iberia	75	31.1	Union	18	****
Iberville	23	25.0	Vermilion	74	37.3
Jackson	20	50.4	Vernon	69	48.8
Jefferson	318	27.7	Washington	73	50.3
Jeff Davis	28	29.9	Webster	53	46.3
Lafayette	168	22.2	W Baton Rouge	20	26.4
Lafourche	78	25.0	West Carroll	8	****
Lasalle	20	43.6	W Feliciana	10	****
Lincoln	47	18.6	Winn	17	****
Livingston	129	29.0			

Source: Louisiana Vital Records Database
* Rate is per 1,000 female population aged 15-19 years
** Mothers 15-19 years of age
*** 2017 data is preliminary
**** Rates based on numbers less than 20 are considered unstable

RATES OF LOW BIRTHWEIGHT BABIES
(By-parish data located in Appendix D)

A low birthweight infant is defined as an infant weighing less than 2,500 grams (5 pounds, 8 ounces) at birth. About 70% of low birthweight babies are premature, which is birth before 37 weeks of pregnancy. Fetal growth restriction, the infant not gaining the weight she/he should before birth, is the second main reason for low birthweight babies. Medical risk factors for having a low birthweight baby include preterm labor, chronic health conditions, infections, placenta issues, or a previous low birthweight pregnancy. Behavioral risk factors include smoking, alcohol consumption, or drug use during pregnancy. National studies indicate that being younger than 17 years of age, older than 35 years of age, having little education, and having low income also correlate to low birthweights.[3]

Preterm infants who have a lower than normal birth weight are at higher risk of experiencing neurological problems, respiratory and gastrointestinal disorders, developmental problems, and slowed growth. Low birthweight infants who survive are more likely than normal weight infants to have brain damage, lung and liver disease, subnormal growth, developmental problems, and other adverse health conditions. The effects of low birthweight follow these infants throughout life, with a greater likelihood of physical, intellectual, and behavioral impairments. In the long run, higher proportions of low birthweight infants are enrolled in special education classes relative to their normal birthweight counterparts.

The costs of low birthweight deliveries is much higher, with an average cost of $15,000 and a hospital stay of 12 days, compared to $600 and 2 days for full-term, normal weight babies. Nationally, Medicaid is the designated payer in 42% of cases.

In 2017, Louisiana ranked 49th in low birth weight births with 10.6 percent versus the US rate of 8.2 percent.

Infants weighing <2500g (5lbs, 8oz) at birth Louisiana, Neighboring States, and United States, 2017		
State	**Percent**	**Rank**
United States	8.2	--
Louisiana	10.6	49
Alabama	10.3	48
Arkansas	8.8	38
Mississippi	11.5	50
Texas	8.4	28

Source: America's Health Rankings, United Health Foundation

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[3] https://www.marchofdimes.org/complications/low-birthweight.aspx

SUICIDES AND VIOLENT DEATHS

In 2017, Louisiana ranked 19th for self-harm related deaths (suicides) among all states at 14.6 deaths per 100,000 people, a decrease from 15.6 deaths in 2016. This number is 12.3% higher than that of the US rate of 13.0 deaths per 100,000 people, but is comparable to other southern states.

The term "suicide" includes the following causes of death:
   a. Intentional self-harm
   b. Intentional self-harm by discharge of firearms
   c. Intentional self-harm by other means

Number of deaths due to intentional self-harm per 100,000 Louisiana, Neighboring States, and United States, 2017		
State	**Number**	**Rank**
United States	13.0	--
Louisiana	14.6	19
Alabama	16.2	27
Arkansas	18.6	37
Mississippi	13.0	11
Texas	13.0	11

Source: America's Health Rankings, United Health Foundation

Assault totals for the state are not limited to assaults by firearm discharge. This also includes assaults by sharp or blunt objects, pushing from a high place or in front of a moving object, by crash, or by bodily force.

"Violent Deaths" is the sum of suicides and assaults.

Number and rate* of suicides, homicides & violent deaths**, by parish of residence Louisiana, 2017***

	INTENTIONAL SELF-HARM (SUICIDE)		ASSAULT (HOMICIDE)		VIOLENT DEATHS**	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
State	*697*	*14.9*	*633*	*13.5*	*1330*	*28.4*
Acadia	10	****	5	****	15	****
Allen	6	****	<5	****	7	****
Ascension	14	****	8	****	22	17.9
Assumption	<5	****	<5	****	<5	****
Avoyelles	<5	****	5	****	9	****
Beauregard	<5	****	<5	****	5	****
Bienville	<5	****	<5	****	<5	****
Bossier	19	****	8	****	27	21.2
Caddo	35	14.2	56	22.7	91	36.9
Calcasieu	32	15.8	18	****	50	24.7
Caldwell	<5	****	0	****	<5	****
Cameron	0	****	0	****	0	****
Catahoula	<5	****	0	****	<5	****
Claiborne	<5	****	<5	****	<5	****
Concordia	7	****	0	****	7	****
Desoto	6	****	<5	****	7	****
E Baton Rouge	53	11.9	113	25.3	166	37.2
East Carroll	0	****	0	****	0	****
E Feliciana	<5	****	7	****	11	****
Evangeline	5	****	0	****	5	****
Franklin	<5	****	<5	****	<5	****
Grant	<5	****	<5	****	5	****
Iberia	11	****	6	****	17	****
Iberville	<5	****	<5	****	<5	****
Jackson	<5	****	<5	****	<5	****
Jefferson	66	15.0	57	13.0	123	28.0
Jeff Davis	6	****	0	****	6	****
Lafayette	35	14.4	26	10.7	61	25.2
Lafourche	20	20.3	6	****	26	26.4
Lasalle	<5	****	0	****	<5	****
Lincoln	<5	****	<5	****	7	****
Livingston	18	****	13	****	31	22.4
Madison	-	****	<5	****	<5	****
Morehouse	<5	****	<5	****	<5	****
Natchitoches	<5	****	<5	****	5	****
Orleans	54	13.7	135	34.3	189	48.1
Ouachita	20	12.8	28	18.0	48	30.8

	INTENTIONAL SELF-HARM (SUICIDE)		ASSAULT (HOMICIDE)		VIOLENT DEATHS**	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
State	*697*	*14.9*	*633*	*13.5*	*1330*	*28.4*
Plaquemines	7	****	<5	****	8	****
Pointe Coupee	5	****	<5	****	6	****
Rapides	16	****	19	****	35	26.6
Red River	<5	****	<5	****	<5	****
Richland	<5	****	<5	****	5	****
Sabine	8	****	<5	****	10	****
St Bernard	9	****	<5	****	13	****
St Charles	11	****	<5	****	13	****
St Helena	<5	****	<5	****	<5	****
St James	5	****	<5	****	6	****
St John	<5	****	6	****	7	****
St Landry	21	25.2	6	****	27	32.3
St Martin	9	****	<5	****	13	****
St Mary	6	****	<5	****	10	****
St Tammany	35	13.7	17	****	52	20.3
Tangipahoa	23	17.4	15	****	38	28.7
Tensas	<5	****	-	****	<5	****
Terrebonne	15	****	8	****	23	20.5
Union	<5	****	<5	****	<5	****
Vermilion	15	****	<5	****	16	****
Vernon	13	****	<5	****	17	****
Washington	7	****	<5	****	11	****
Webster	8	****	<5	****	9	****
W Baton Rouge	<5	****	<5	****	8	****
West Carroll	<5	****	0	****	<5	****
W Feliciana	8	****	<5	****	10	****
Winn	<5	****	<5	****	<5	****
Out of State	<5	****	0	****	<5	****

Source: Louisiana Vital Records Database

* Rate is per 100,000 population.

** Violent deaths are the sum of suicides & homicides.

**** Unknown parish of residence included in state total.

***** Rates based on numbers less than 20 are considered unstable.

Additional data concerning top causes of death can be found in Appendix F, and infant death data can be found in Appendix E.

SEXUALLY TRANSMITTED DISEASES

Sexually transmitted diseases continue to pose a significant impact to the health of the population of Louisiana. Louisiana consistently ranks in the five states with the highest rates of sexually transmitted diseases (STDs). The reported rates of three STDS (chlamydia, gonorrhea, and primary & secondary syphilis) for the state were all significantly higher than the US average in 2016. STD rates in Louisiana are much higher than rates in other southern states as well, with the exception of Mississippi (in 2017). The reported rates and increasing trends of these three conditions highlight a growing problem for the health of many Louisianans that increases the risk for contracting other infections, such as HIV.

Note: The most recent publication of **national** data on STDs was in 2016.

New cases of chlamydia per 100,000 residents Louisiana, Neighboring States, and United States, 2016		
State	**Rate**	**Trend from 2015**
United States	497.3	↑
Louisiana	679.3	↓
Alabama	553.6	↑
Arkansas	562.0	↑
Mississippi	672.1	↑
Texas	520.4	↑

Source: CDC National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Atlas

Chlamydia in Louisiana showed a 2.3% decrease in rate from 2015. The 2016 state rate is 36.6% higher than the 2015 national rate.

New cases of gonorrhea per 100,000 residents Louisiana, Neighboring States, and United States, 2016		
	Rate	**Trend from 2015**
United States	145.8	↑
Louisiana	230.8	↑
Alabama	173.0	↑
Arkansas	192.5	↑
Mississippi	239.2	↑
Texas	154.6	↑

Source: CDC National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Atlas

Gonorrhea in Louisiana showed a 4.4% increase in rate from 2015. This 2016 state rate is 58.2% higher than the 2015 national rate.

New cases of primary & secondary syphilis per 100,000 residents Louisiana, Neighboring States, and United States, 2016		
	Rate	**Trend from 2015**
United States	8.7	↑
Louisiana	16.1	↑
Alabama	7.7	↑
Arkansas	5.0	↑
Mississippi	10.9	↑
Texas	7.1	↓

Source: CDC National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Atlas

Primary and secondary syphilis (the most infectious stages of the disease) in Louisiana showed an 8% increase from 2015 rates. The 2016 rate is 85% higher the national rate.

Region 1 had the highest counts of all STDs in the state in 2017. Region 1 also had the highest rates of new HIV diagnoses, persons living with HIV infection, and gonorrhea diagnoses per 100,000 residents. Region 7 had the highest rate per 100,000 of chlamydia diagnoses and Region 8 had the highest rates of primary and secondary syphilis in the state (see table on the following page).

The following data and maps were provided by the STD/HIV program in the Office of Public Health.

Parish	Chlamydia	Gonorrhea	P&S Syphilis	HIV Diagnosis	PLWHA
Louisiana**	34,749	12,014	679	1,017	21,427
Region 1: New Orleans	8,060	3,170	189	303	7,440
Jefferson	3,033	940	54	103	2,049
Orleans	4,641	2,112	131	190	5,153
Plaquemines	108	21	0	4	49
St. Bernard	278	97	4	6	189
Region 2: East Baton Rouge	5,296	1,683	90	212	5,036
Ascension	563	113	9	10	246
East Baton Rouge	4,058	1,389	72	169	4,013
East Feliciana	112	33	0	5	196
Iberville	237	63	4	16	284
Pointe Coupee	142	35	0	1	54
West Baton Rouge	150	39	3	7	111
West Feliciana	34	11	2	4	132
Region 3: Houma	2,604	853	41	40	895
Assumption	94	34	1	1	36
Lafourche	502	159	19	6	156
St. Charles	293	87	1	4	120
St. James	173	40	1	5	77
St. John the Baptist	321	87	4	8	175
St. Mary	352	97	4	7	99
Terrebonne	869	349	11	9	232
Region 4: Lafayette	3,628	1,217	59	111	1,659
Acadia	368	96	2	8	127
Evangeline	185	51	1	8	89
Iberia	583	182	6	12	126
Lafayette	1,429	535	28	53	809
St. Landry	494	169	12	19	294
St. Martin	340	116	9	5	109
Vermilion	229	68	1	6	105
Region 5: Lake Charles	1,622	513	26	55	1,038
Allen	102	29	1	1	211
Beauregard	142	41	2	1	52
Calcasieu	1,195	397	21	48	701
Cameron	11	0	0	0	3
Jefferson Davis	172	46	2	5	71

Geographic Distribution of Cases of STDs and HIV
Louisiana, 2017

Geographic Distribution of Cases of STDs and HIV Louisiana, 2016					
Region 6: Alexandria	**2,148**	**739**	**33**	**45**	**938**
Avoyelles	310	135	3	6	159
Catahoula	38	12	0	2	29
Concordia	111	20	1	1	49
Grant	122	26	0	3	49
La Salle	49	10	0	6	47
Rapides	1,044	404	27	22	514
Vernon	369	73	1	3	69
Winn	105	59	1	2	22
Region 7: Shreveport	**5,005**	**1,840**	**95**	**122**	**1,906**
Bienville	132	41	1	2	35
Bossier	903	313	27	17	258
Caddo	2,721	1,145	56	80	1,229
Claiborne	124	52	0	2	85
De Soto	207	60	2	6	57
Natchitoches	357	73	3	7	130
Red River	87	9	0	0	18
Sabine	119	23	0	0	17
Webster	355	124	6	8	77
Region 8: Monroe	**3,268**	**1,125**	**116**	**59**	**1,126**
Caldwell	49	7	1	1	16
East Carroll	40	27	1	1	22
Franklin	126	28	3	3	45
Jackson	92	56	2	2	20
Lincoln	511	149	20	8	101
Madison	130	43	1	2	39
Morehouse	274	81	26	6	66
Ouachita	1,645	610	52	30	685
Richland	182	64	7	3	42
Tensas	28	1	0	0	33
Union	138	46	3	3	40
West Carroll	53	13	0	0	17
Region 9: Hammond/Slidell	**3,077**	**869**	**30**	**70**	**1,389**
Livingston	568	128	3	8	217
St. Helena	44	11	1	2	22
St. Tammany	996	251	15	14	510
Tangipahoa	1,114	389	9	39	438
Washington	355	90	2	7	202

*Louisiana total includes cases with unknown parish

Chlamydia Rates by Parish

Chlamydia diagnosis rates vary by parish in Louisiana. There were persons diagnosed with chlamydia in all 64 parishes in 2017. A total of eleven parishes had a chlamydia diagnoses rate greater than 900 per 100,000 (Bienville, Caddo, East Baton Rouge, Lincoln, Madison, Morehouse, Natchitoches, Orleans, Ouachita, Red River, Webster). The state rate for 2017 was 741.8 chlamydia diagnoses per 100,000 LA residents.

Data from PRISM (Patient Reporting Investigation Surveillance Manager),
LDH Bureau of Infectious Diseases, Office of Public Health; United States Census Bureau
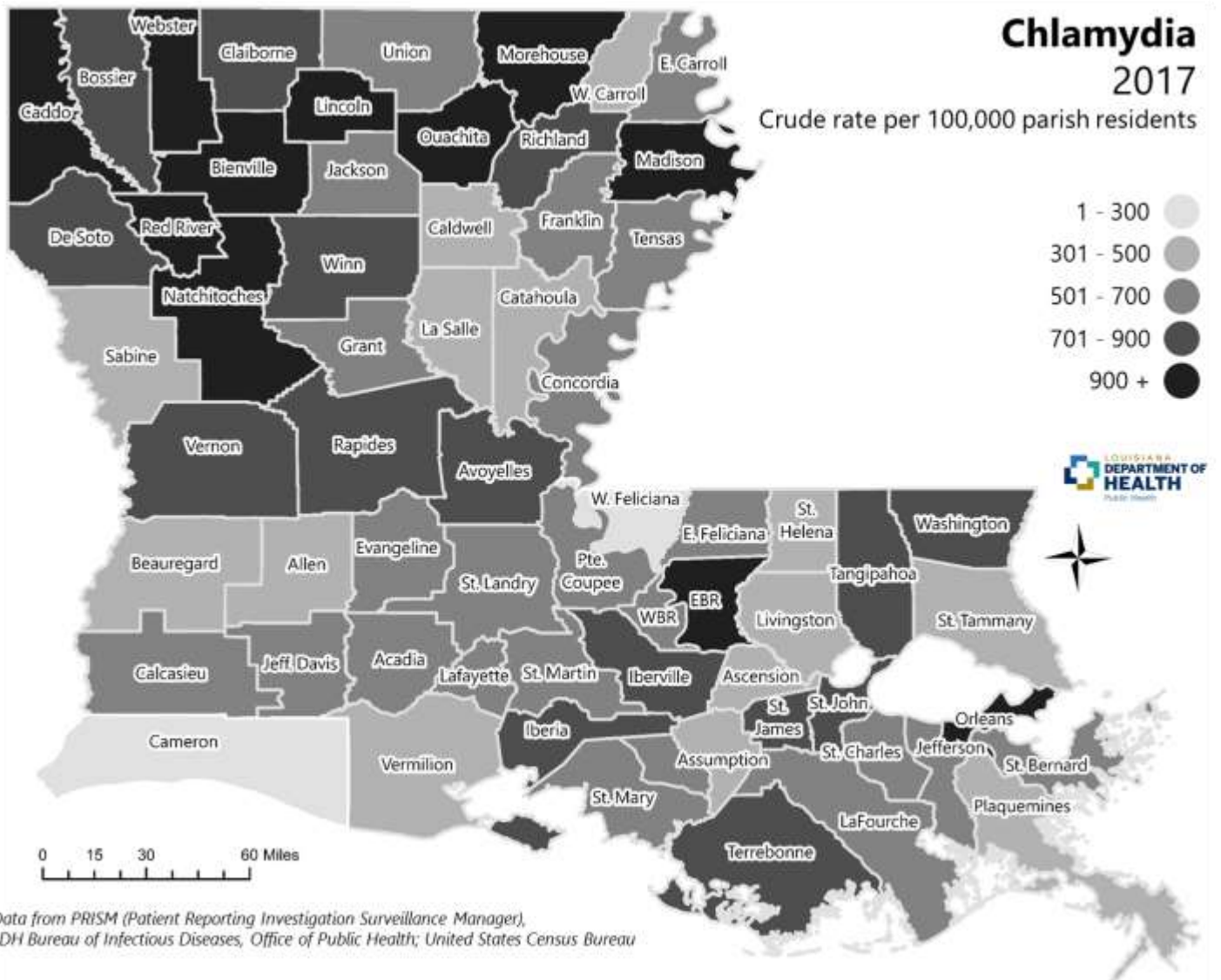
Gonorrhea Rates by Parish

Gonorrhea diagnosis rates vary by parish in Louisiana. In 2017, there were persons diagnosed with gonorrhea in 63 parishes (there were no cases in Cameron Parish).

Seventeen parishes had a gonorrhea diagnosis rate greater than 300 per 100,000, which is 10 more parishes than in 2016. The state gonorrhea diagnosis rate for 2017 was 256.5 diagnoses per 100,000 Louisiana residents.

Data from PRISM (Patient Reporting Investigation Surveillance Manager),
LDH Bureau of Infectious Diseases, Office of Public Health; United States Census Bureau
NB: Rates derived from counts of less than 20 may be unreliable and are not available (n/a) for counts less than 5.
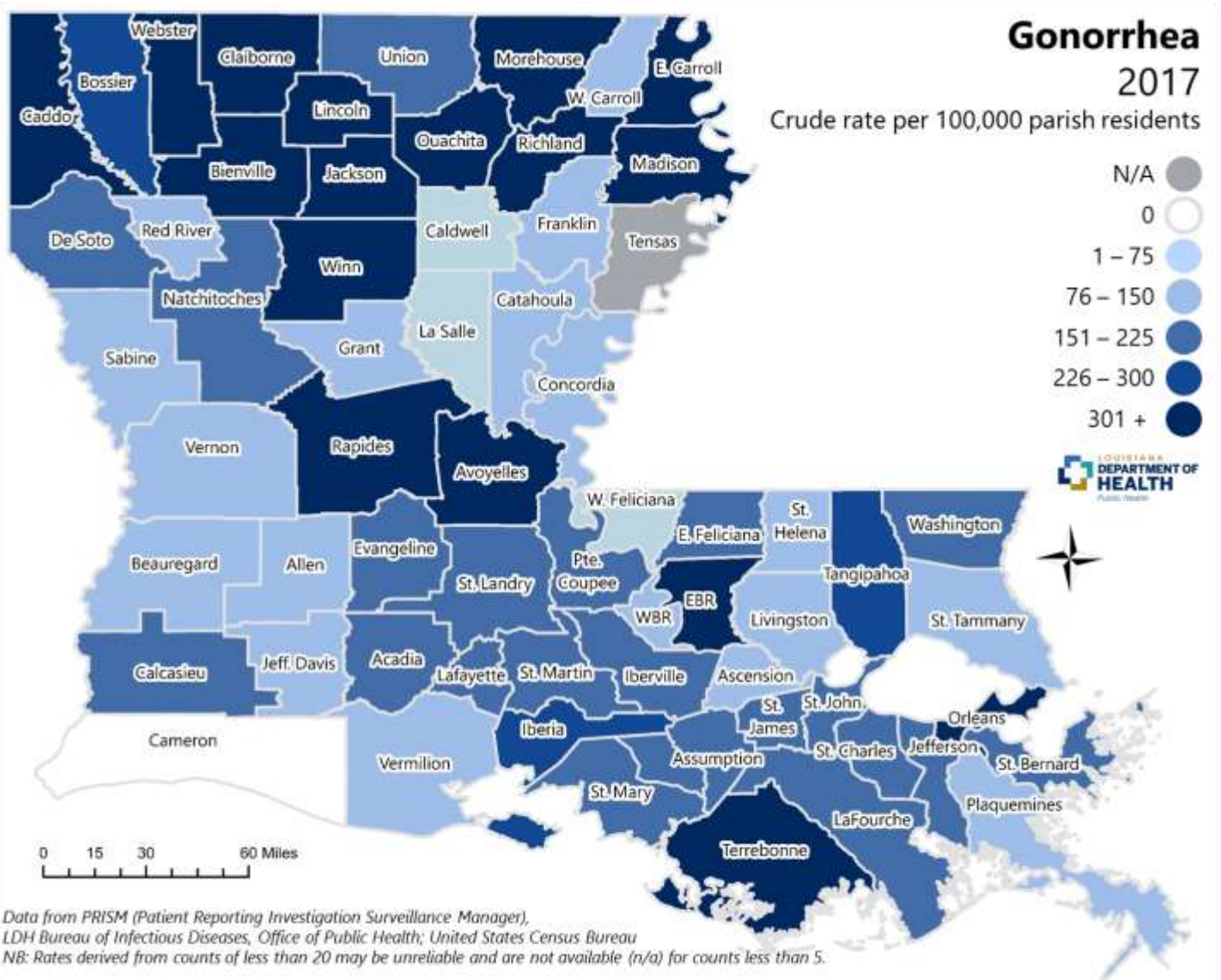
Primary and Secondary Syphilis Rates by Parish

The number of primary and secondary (P&S) syphilis diagnoses varies by parish in Louisiana. In 2017, there were persons diagnosed with P&S syphilis in 52 of Louisiana's 64 parishes.

A total of five parishes had P&S syphilis diagnosis counts greater than 50 (Orleans, East Baton Rouge, Caddo, Jefferson, and Ouachita). This is up from four parishes with greater than 50 cases in 2017. The state rate of P&S syphilis was 14.5 per 100,000 Louisiana residents in 2017.

Data from PRISM (Patient Reporting Investigation Surveillance Manager),
LDH Bureau of Infectious Diseases, Office of Public Health; United States Census Bureau
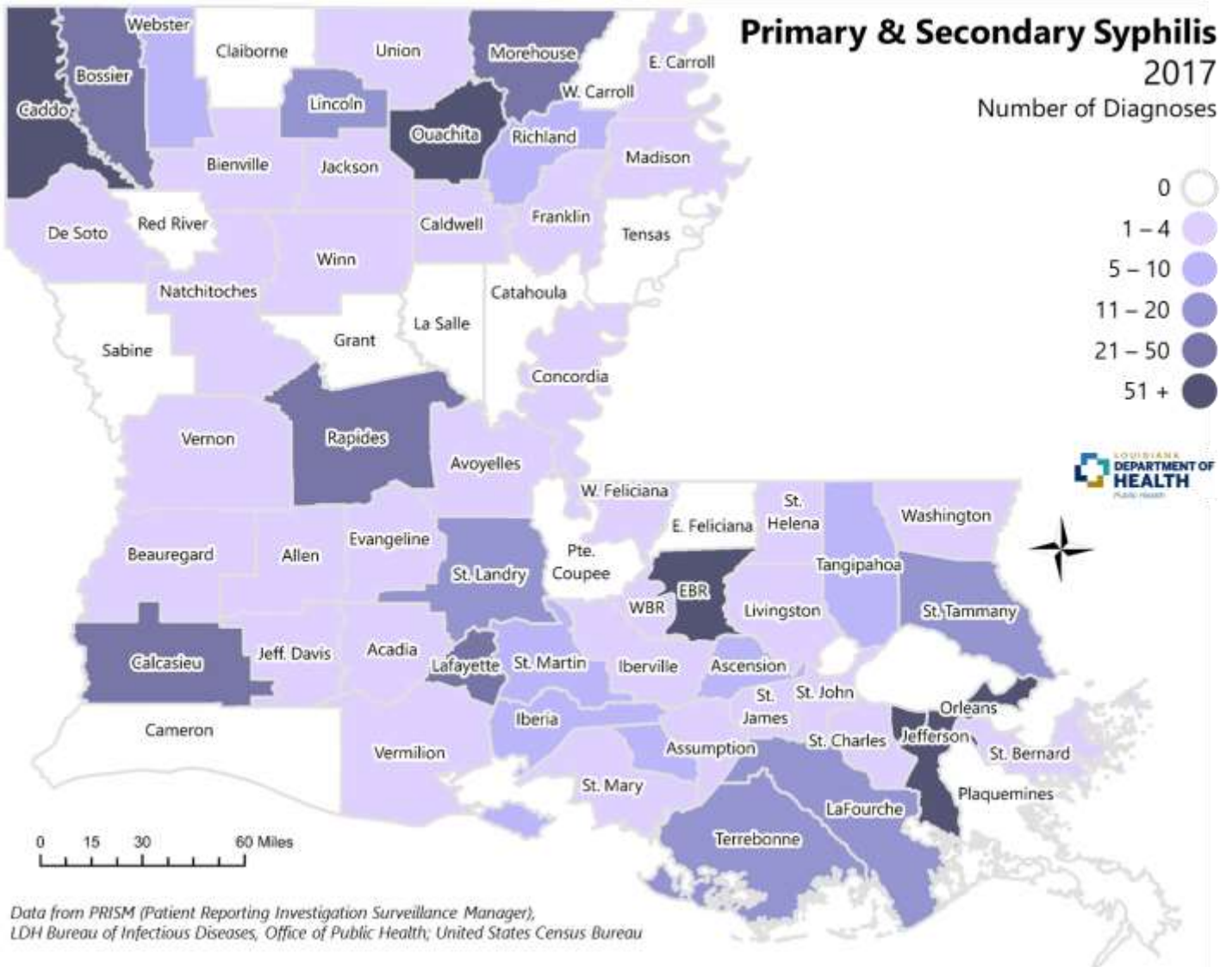
New HIV Diagnosis Rates by Parish

The number of new HIV diagnoses varies by parish in Louisiana. In 2017, there were persons diagnosed with HIV in 59 of Louisiana's 64 parishes.

In 2017, a total of five parishes had new HIV diagnosis rates greater than 30 (Caddo, East Baton Rouge, Iberville, La Salle, Orleans—NB: the La Salle and Iberville rates are calculated from counts fewer than 20, and therefore may be unreliable). The state rate of new HIV diagnoses in 2017 was 21.7 diagnoses per 100,000 Louisiana residents.

Data from eHARS (Enhanced HIV/AIDS Reporting System),
LDH Bureau of Infectious Diseases, Office of Public Health; United States Census Bureau
NB: Rates derived from counts of less than 20 may be unreliable and are not available (n/a) for counts less than 5.
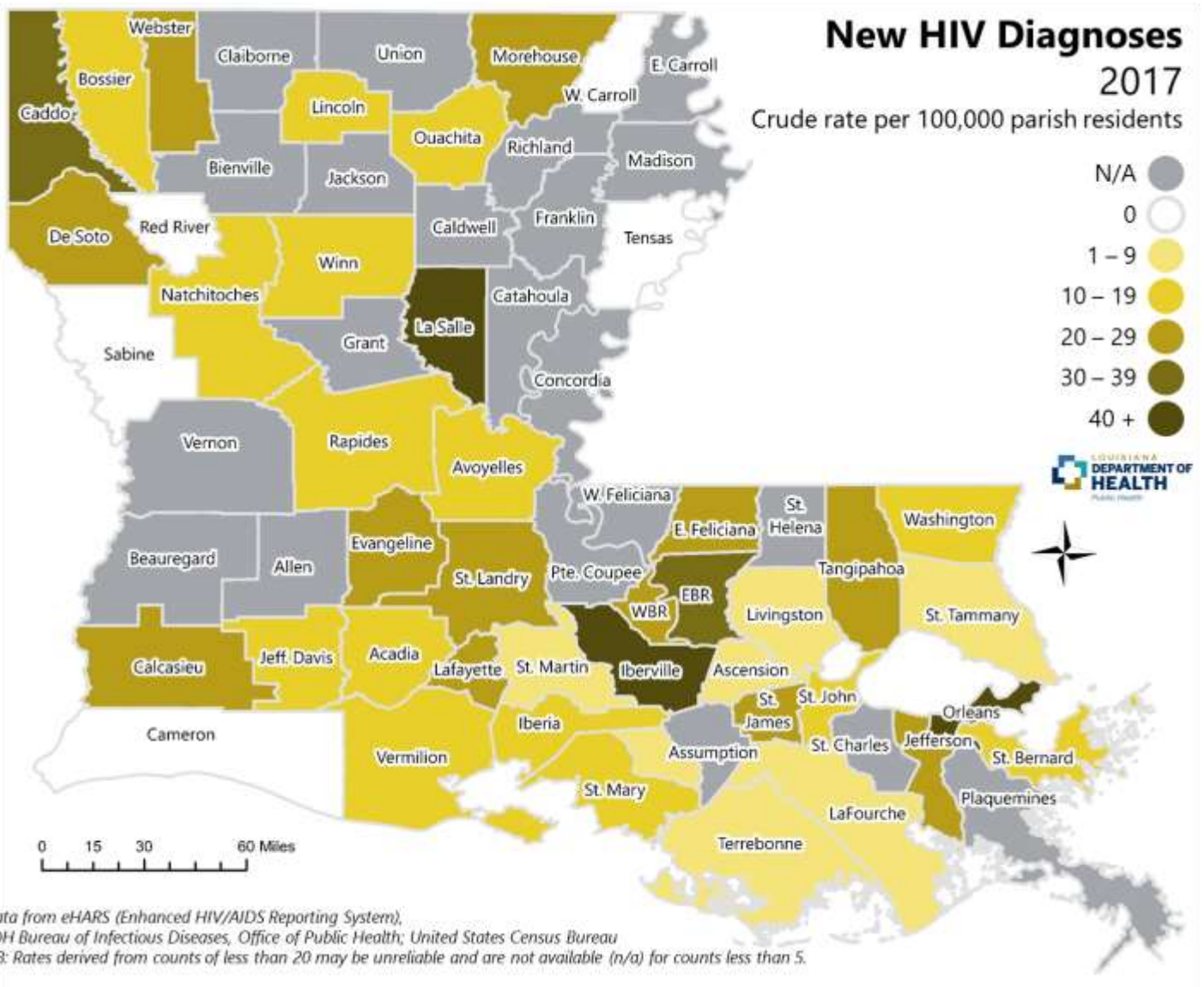
Persons Living with HIV/AIDS Rates by Parish

The map below illustrates the geographic distribution of persons living with HIV infection in the state. There are persons living with HIV in all 64 parishes in Louisiana. All persons living with HIV infection in Louisiana are included in the rates, regardless of their type of residence (correctional facility, nursing home, homeless shelter, etc.).

At the end of 2017, 15 parishes had a prevalence rate greater than 400 persons living with HIV infection per 100,000 parish residents. An additional 11 parishes had a rate between 300 and 399 per 100,000. Many of the parishes with disproportionate prevalence rates have state correctional facilities that have reported incarcerated persons who are living with HIV.

Persons Living with HIV 2017
Crude rate per 100,000 parish residents

- N/A
- 1 – 99
- 100 – 199
- 200 – 299
- 300 – 399
- 400 +

Data from eHARS (Enhanced HIV/AIDS Reporting System),
LDH Bureau of Infectious Diseases, Office of Public Health; United States Census Bureau
NB: Rates derived from counts of less than 20 may be unreliable and are not available (n/a) for counts less than 5.
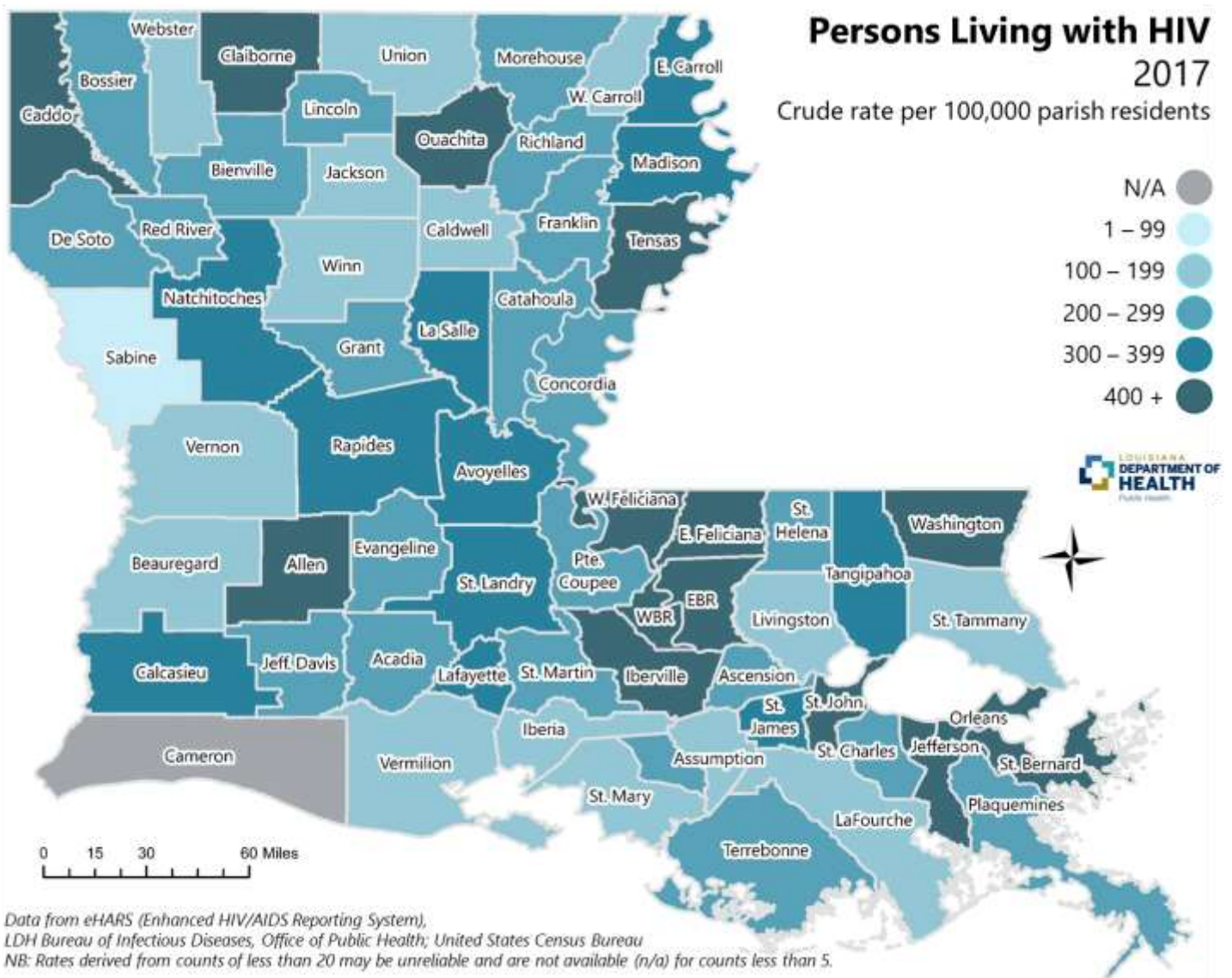
DRUG ADDICTIONS

Drug addiction is an increasing health problem nationwide. In 2017, Louisiana was ranked 30th in the nation for deaths due to drug injury, and had a rate of 18.9 deaths per 100,000 population. This rate was 11.8% higher than the US rates, and higher than rates in other southern states.

Age-adjusted rate of deaths due to drug injury* per 100,000 Louisiana, Neighboring States, and United States, 2016-2018		
State	**Rate**	**Rank**
United States	16.9	--
Louisiana	18.9	30
Alabama	15.4	20
Arkansas	13.2	14
Mississippi	11.9	8
Texas	10.0	5

*Drug injury = unintentional, suicide, homicide, or undetermined
Source: America's Health Rankings, United Health Foundation

The Louisiana Department of Health's Office of Behavioral Health tracks intravenous drug users' admission to substance use rehabilitation facilities. The number of admissions over the past eight years are displayed in the figure below.

Number of Medicaid members receiving intensive Substance Use Disorder treatment services*
State Fiscal Years 2015-2018
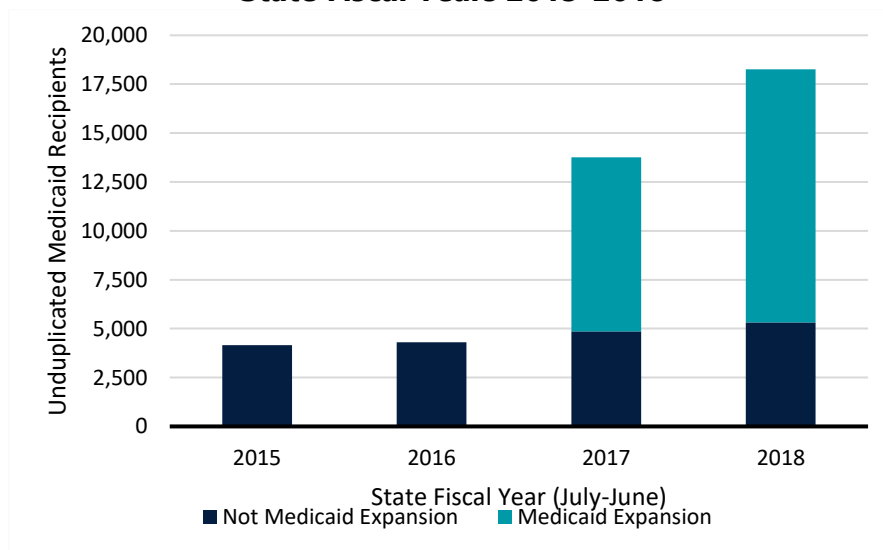
Source: LDH Office of Behavioral Health Data Warehouse; edited by Bureau of Health Informatics for design continuity
*Count of unduplicated Medicaid Recipients receiving Substance Use Residential services (ASAM 3.1, 3.2-WM, 3.3, 3.5, 3.7, 3.7-WM), Intensive Outpatient services (ASAM 2.1), or Inpatient Hospital Withdrawal Management services (ASAM 4-WM) during State Fiscal Year

Reductions in Admissions may be a result of incomplete reporting following the establishment of new behavioral electronic health records statewide.

OPIOID EPIDEMIC

Opioids—prescription and illicit—are the main driver of drug overdose deaths in the United States comprising 67.8% of all drug overdose deaths in 2017. Nationwide for 2017, an estimated 47,600 of 70,237 drug overdose deaths involved opioids. In 2017, Louisiana ranked 32nd in overall drug-related deaths in the United States. The number of opioid-involved deaths in Louisiana continues to increase, with an 85% increase in total opioid deaths between 2014 and 2017.

Deaths by Specific Opioid* Drugs Used—Louisiana, 2014-2017**
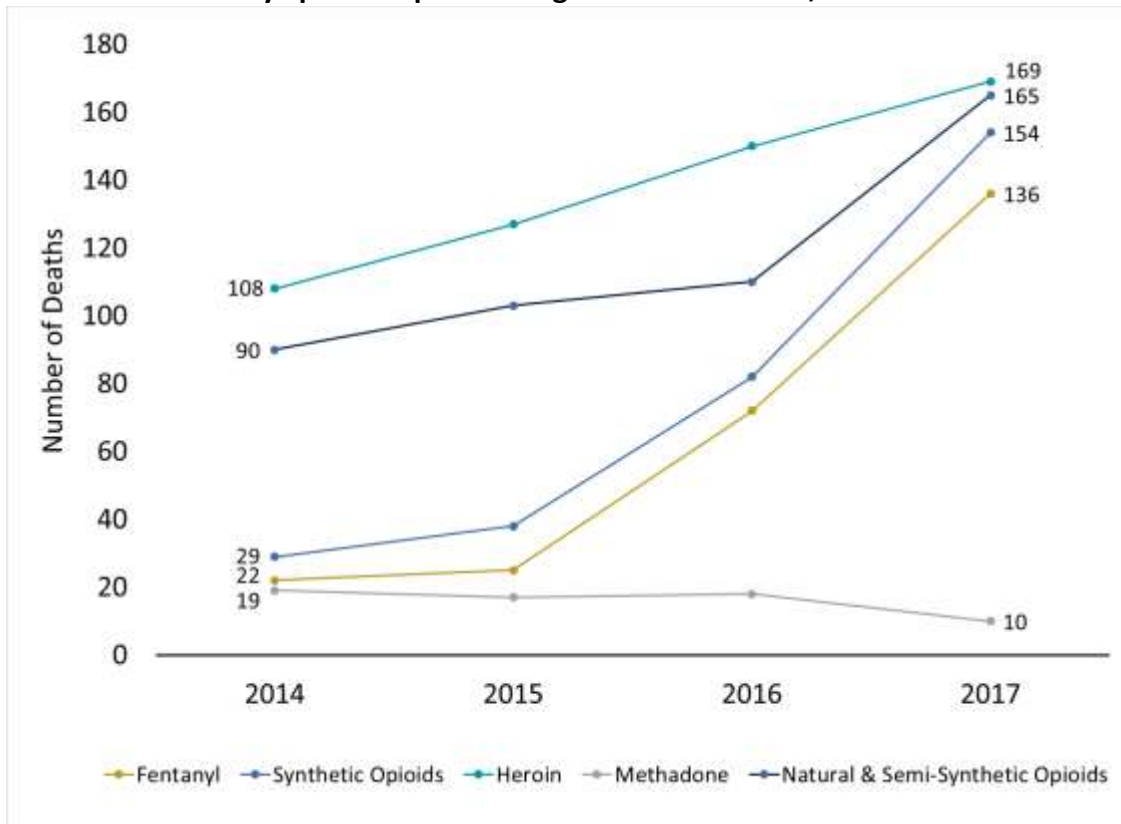
*ICD-10 codes for opioids: Heroin (T40.1); Natural & Semi-Synthetic Opioids (T40.0, T40.2), Methadone (T40.3), Synthetic Opioids (T40.4), Fentanyl (T40.4 + "Fentanyl" written in the death record)
**Data is preliminary
Source: Louisiana Vital Records Database

Deaths involving heroin show a steady increase, but deaths involving synthetic opioids (including fentanyl) have rapidly increased. Deaths involving fentanyl specifically have increased by more than 500% since 2014.

Opioid overdose death rates vary across the state, with some parishes seeing no deaths in 2017, and others, such as Washington, St. Tammany, and Jefferson seeing high rates. See the map on page 35 for parish breakdown of opioid overdose deaths.

Regarding hospital admissions, it is important to note that the coding system used to record diagnoses, the International Classification of Diseases – Clinical Modification (ICD-CM), was revised during this time period (see the **gold** bar in the graph below). The old version (ICD-9-CM) was

replaced with the new ICD-10-CM beginning in October 1, 2015, and experts have advised not trying to make comparisons across coding systems. This change in coding coincides with a sudden increase in opioid poisoning hospitalizations, making it difficult to determine if the increase is due to more overdoses, the coding change, or both. The consistent increase in heroin poisonings throughout the coding change possibly indicates a larger increase than captured, considering the increase in hospital admissions with an opioid poisoning over the transition.

Hospital admissions involving opioid poisoning* and heroin poisoning by quarter Louisiana, 2013-2017
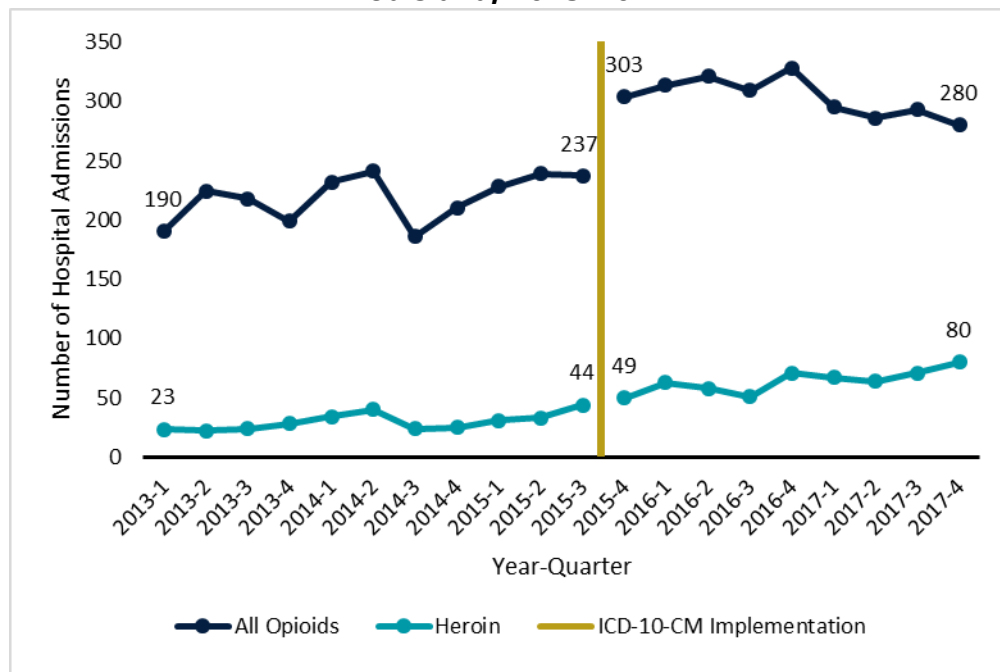
*Opioid overdose defined as an opioid-related ICD-CM code in any diagnosis or external cause of injury field
Source: Louisiana Hospital Inpatient Discharge Database

Quarterly hospital admissions involving opioid poisoning increased 25% between 2013 and October, 2015. These admissions have decreased 7.6% after the coding transition in October 2015. Quarterly hospital admissions involving heroin poisonings specifically increased by 91% between 2013 and the coding transition, and another 63% between October 2015, and 2017.

According to the Louisiana Prescription Monitoring Program (PMP), there were 105 opioid prescriptions per 100 Louisiana residents prescribed in 2017. In this graph, opioids include opioid agonists or opioid cough suppressants (antitussive) as defined by the American Hospital Formulary System.

Total opioid prescriptions per 100 Louisiana residents (2014-2017)
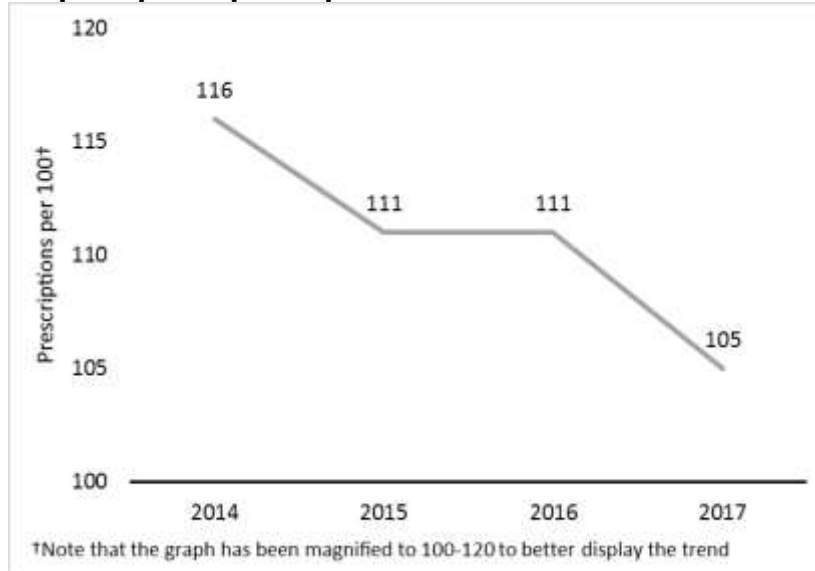
Source: Louisiana Prescription Monitoring Program, US Census Bureau
Rates are rounded down to the nearest whole number.
Limited to prescriptions to state residents in state's PMP

**Opioid-involved death rates per 100,000 parish residents
Louisiana, 2017**

Data from Louisiana Electronic Event Registration System, LDH Bureau of Vital Records & Statistics;
United States Census Bureau
NB: Rates derived from counts of less than 20 may be unreliable and are not available (n/a) for counts less than 5.
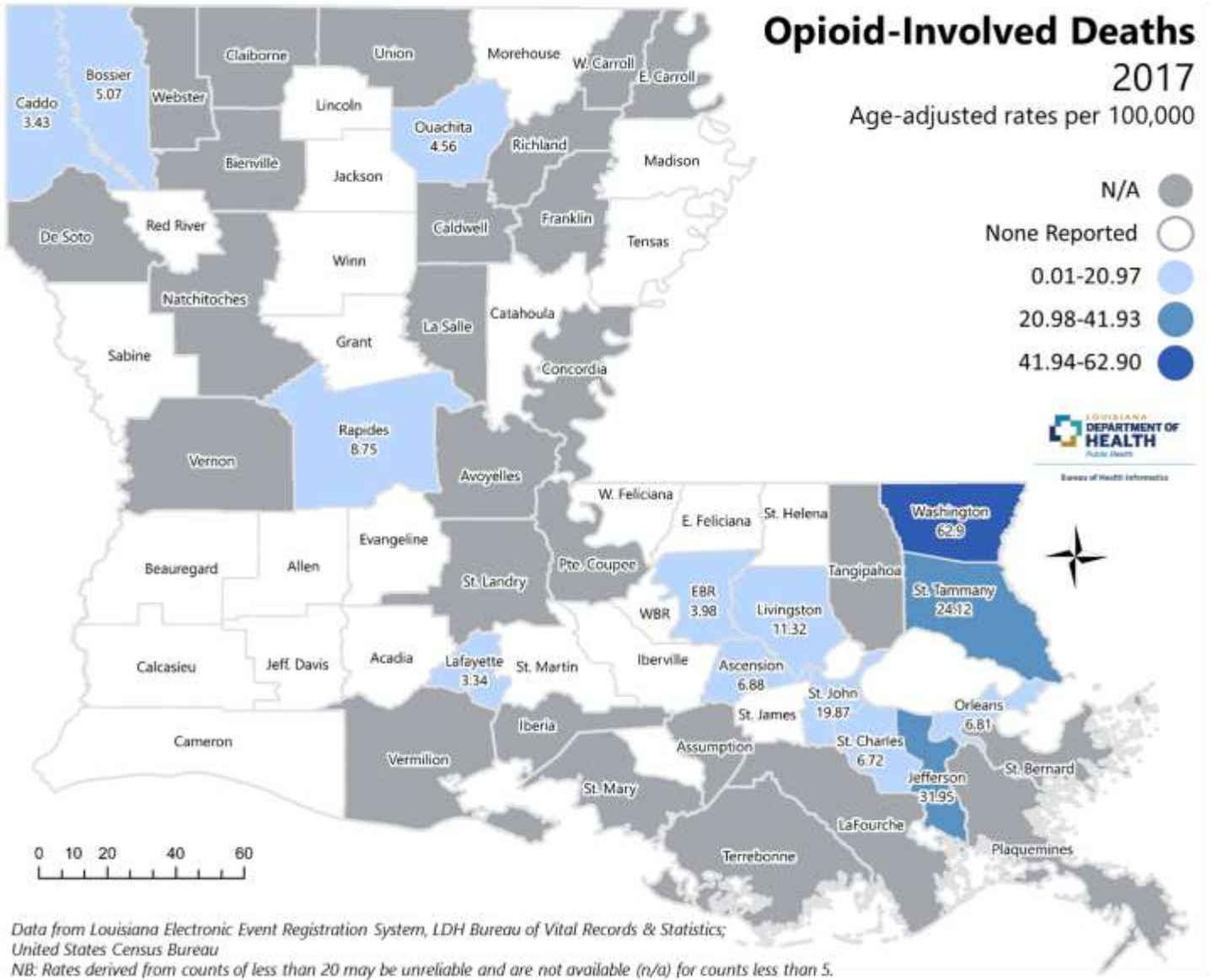
INFECTIOUS DISEASES

INFECTIOUS DISEASES

Certain infectious diseases are reportable to the Infectious Disease Epidemiology (IDEpi) Section in the Louisiana Department of Health. Highlights of these reportable diseases are presented here, and additional information can be found at the LDH IDEpi Annual Infectious Disease Surveillance Reports website.

VECTOR-BORNE DISEASES

A person who is bitten by a vector (mosquito, tick, or flea) can get sick with a vector-borne disease such as West Nile virus (WNV), Zika, Lyme or Spotted Fever rickettsiosis. Nationally between 2004 and 2016, cases of these reported diseases from infected mosquitoes or ticks have more than tripled. Most of these diseases, though rarely fatal, can cause febrile or rash-like illnesses, debilitating joint pain or body aches, or a severe illness affecting the central nervous system such as encephalitis or meningitis.

West Nile virus (WNV) is the leading cause of arboviral mosquito-borne disease in the U.S. and in Louisiana. It is most commonly spread between infected mosquitoes and birds. However, occasionally an infected mosquito may bite a human or another mammal, infecting them instead. Most people with infections are asymptomatic, but a small proportion of infections (20%) develop Non-neuroinvasive disease (fever) and even fewer develop Neuroinvasive disease (0.2% younger than 65 years of age, 2% older than 65). Neuroinvasive disease (NID) cases are considered the most accurate indicator of activity in humans over time because of the severity of symptoms. Reported cases of non-neuroinvasive arboviral disease are more likely to be affected by disease awareness and healthcare-seeking behavior in different communities and by the availability and specificity of laboratory tests performed. From 2002-2017 in Louisiana, 1053 cases of WNV-NID have been reported. During the same period, 109 deaths were reported within a few weeks of onset, representing a case fatality rate of 10.4%, with ratios increasing with age among persons with NID.

West Nile Virus: Neuroinvasive Disease, by year—Louisiana, 2001-2017
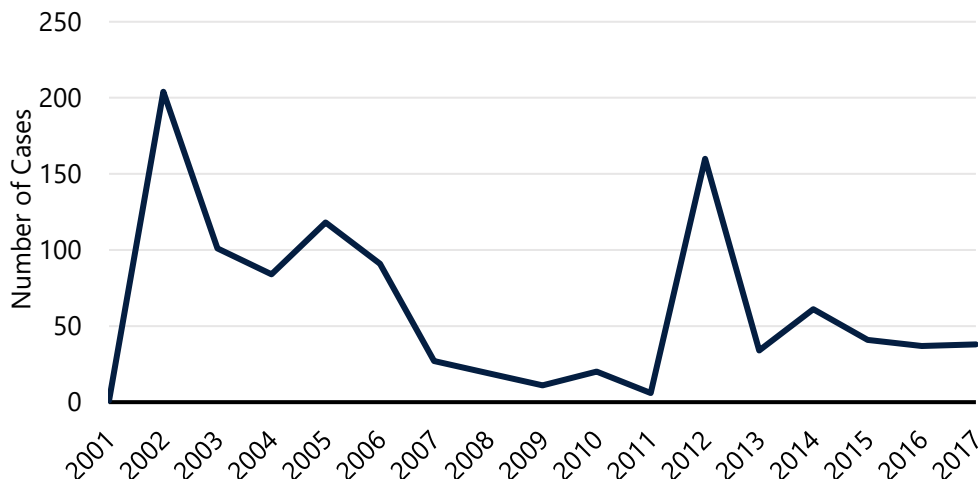
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

The spikes of cases in 2002 and 2012 correspond to national increases. In 2012, more than half of the NID cases were reported from just four states: Texas, California, Illinois, and Louisiana. The relatively low years of NID reported during 2004-2011 was also observed nationally. Reported numbers of arboviral disease cases vary from year to year.

In addition to human disease, LDH maintains surveillance systems to track data on infections among blood donors, veterinary disease cases, mosquitoes, and sentinel animals.

ZOONOTIC DISEASES

Rabies is a deadly viral disease of both humans and animals. The disease is regarded to be prevalent in skunks and bats in Louisiana, and can be transmitted primarily through bites or contact with the saliva of infected animals. Transmission to humans through corneal transplants and solid organ transplants have been reported in the U.S. The case fatality rate of persons who get the disease is virtually 100%, with less than twenty cases of survival reported worldwide. Fortunately, due to the slow movement of the virus toward the central nervous system, vaccines and immunoglobulins can be administered after exposure to prevent the disease.

There have been no domestically transmitted human cases of rabies in Louisiana since 1953. The number of animal cases by species that have been reported to LDH since 2000 are displayed in the table below.

Rabies, distribution by species and year—Louisiana, 2000-2017

YEAR

SPECIES	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Skunk	11	5	2	1		3	2	1	3		7	2	2	4		3	1	13	**60**
Bat	3	4	3	3	4	4	5	3	3	4	1	4	2	3	3	2	3	2	**56**
Dog								1			1			1	1				**4**
Cat										1					1				**2**
Horse		1	1					1											**3**
Squirrel											1								**1**
TOTAL	**14**	**10**	**6**	**4**	**4**	**7**	**7**	**6**	**6**	**5**	**10**	**6**	**4**	**8**	**5**	**5**	**4**	**15**	**126**

Source: Rabies Animal Surveillance Database

The number of wild animals reported to be positive in the state is not an accurate predictor of risk to humans, since there is no active surveillance program to detect wildlife with rabies. Rabid wild animals are only reported if they contact humans or household pets, and then only if the animal is collected and submitted for testing. Eleven different species of bats have been identified within Louisiana; each species is characterized by at least one distinct variant of rabies. Numbers of rabid bats reported in the state since 2000 have remained fairly constant, one to five reported each year. Bat variant rabies can be transmitted to terrestrial animals; however, the predominant variant identified in dogs and cats is the skunk variant.

Leprosy (Hansen's disease) is a chronic, mildly communicable disease, which primarily affects the skin, mucous membranes, peripheral nerves, eyes, bones and testes. Leprosy is due to *Mycobacterium leprae*, an acid fast bacillus related to the agent of tuberculosis. Leprosy foci were reported in Louisiana in the 1880s mostly in South Louisiana. Up to early 2000, it was a disease acquired from family contacts or imported from foreign endemic countries. It has become established in Louisiana among the armadillo population where up to 30% may be infected and able to transmit the infection. The epidemiologic picture is changing with an increase in cases among residents from north and central Louisiana.

Average Incidence per 100,000 / decades from the 1930's to present									
	1930s	**1940s**	**1950s**	**1960s**	**1970s**	**1980s**	**1990s**	**2000s**	**2010s**
Leprosy	0.48	0.29	0.16	0.07	0.11	0.19	0.20	0.24	0.29*

Source: Infectious Disease Reporting Information System & Louisiana Hospital Inpatient Database;
Edited by Bureau of Health Informatics for design continuity
*Estimated from data collected up to date

ANTIBIOTIC RESISTANCE

Bacterial resistance to antibiotics is becoming a major threat to human health. Bacteria become resistant to antibiotics through mutation or acquisition of genes from other bacteria. The Louisiana Antibiotic Resistance Surveillance System was started in 1998 to track the emergence of these antibiotic-resistant organisms. The goal of the program is to estimate the proportion of selected bacteria in the state that are resistant to antibiotics. The percentages of each specimen of *S. aureus*, *S. pneumonia*, *Enterococcus*, and *Acinetobacter* that have tested positive for antibiotic resistance since 2001 are displayed in the graph below.

Percentage of Resistant Specimens out of Total Specimens Tested—Louisiana, 2006-2015
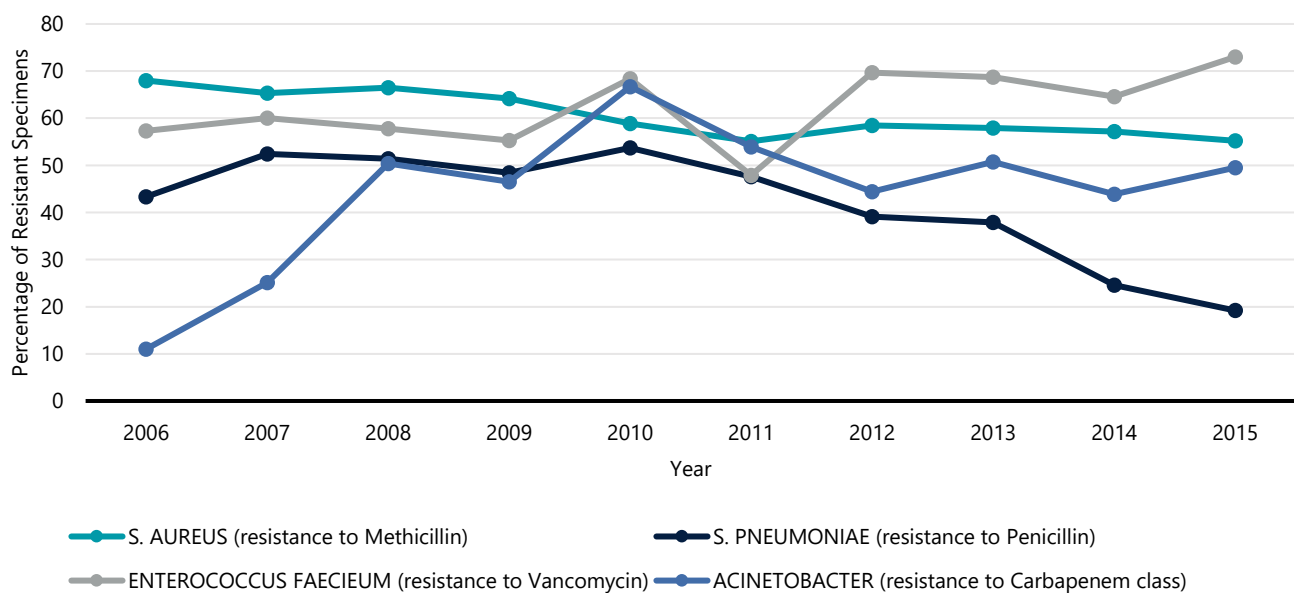
Source: participating hospital clinical laboratories reporting to LDH/Office of Public Health

Resistance to Vancomycin in *Enterococcus* showed an increasing trend from 2006 to 2015 (the most recent data available). Resistance to both Methicillin in *S. aureus* and Penicillin in *S. pneumonia* has been

decreasing. The resistance to the Carbapenem class of antibiotics in *Acinetobacter* has been decreasing from a peak in 2010.

***Clostridioides difficile* (*C. difficile*)** is responsible for a spectrum of *C. difficile* (CDIFF) infections, including uncomplicated diarrhea, pseudomembranous colitis, and toxic megacolon, which can, in some instances, lead to sepsis and even death. *Clostridioides difficile* infections mostly occur in the following populations:

- People who are aged 65 years and older who take antibiotics and receive medical care,
- People staying in hospitals and nursing homes for a long period of time, and
- People with weakened immune systems or previous infection with CDIFF.

A 2015 CDC study found that CDIFF causes almost half a million infections among patients in the United States in a single year. An estimated 15,000 deaths are directly attributable to CDIFF infections, making it a substantial cause of infectious disease death in the United States.

While CDIFF is not reportable in Louisiana, LDH epidemiologists access CDIFF data through the Centers for Disease Control and Prevention National Healthcare Safety Network (NHSN): a web-based database where healthcare facilities track infections and other healthcare safety errors. Facilities that participate in NHSN CDIFF surveillance include short- and long-term acute care hospitals, and inpatient rehabilitation facilities. NHSN reporters follow tracking guidance specified in the CDC NHSN Patient Safety Manual, wherein the only criteria for counting CDIFF infections only pertain to identification of the organism in patients' stools by laboratory detection methods (e.g., PCR).

Laboratory-identified CDIFF include all non-duplicate CDIFF toxin-positive laboratory results. Three types of CDIFF infections are further specified below according to their onset with respect to inpatient care:

Community-onset (CO) laboratory-identified CDIFF are those infections that are either a) collected in an outpatient location in which the patient was not previously discharged from an inpatient location within the same facility ≤ 28 days prior to current date of specimen collect, or b) collected in an inpatient location ≤ 3 days after admission to the facility.

Community-onset Healthcare Facility-Associated (CO-HCFA) laboratory-identified CDIFF are those infections that are collected from an inpatient or an outpatient location from a patient who was discharged from the facility ≤28 days prior to current date of stool specimen collection. The previous discharge must have been from an inpatient location within the same facility.

Healthcare Facility-Onset (HO) are laboratory-identified CDIFF infections that are collected from an inpatient location >3 days after admission to the facility.

Clostridioides difficile Infections by Onset Type Reported by Acute Care Facilities to the CDC National Healthcare Safety Network: 2013 through 2017 (N=115 Hospitals)
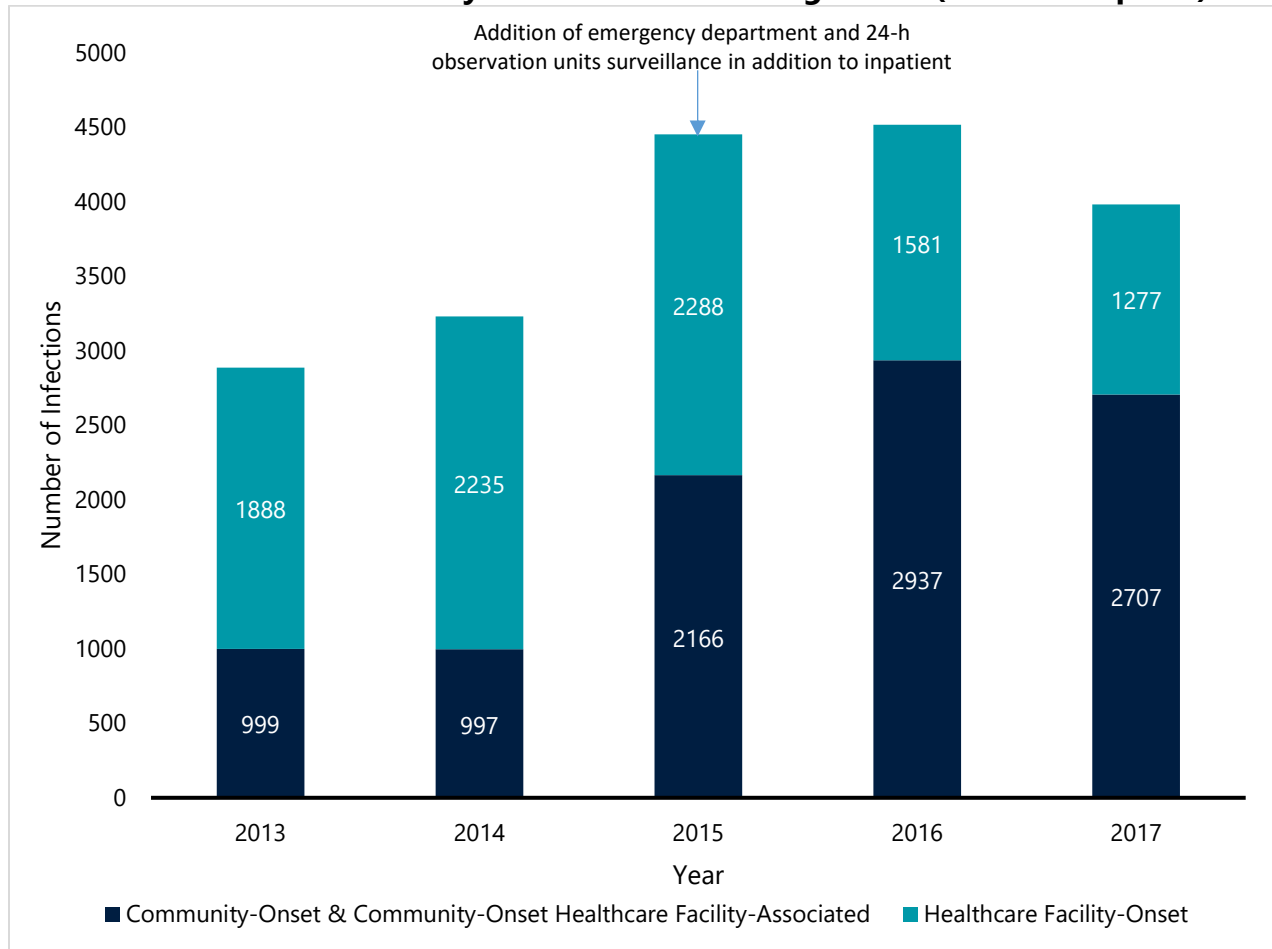
Source: National Healthcare Safety Network, Centers for Disease Control and Prevention; edited by Bureau of Health Informatics for design continuity

FOODBORNE AND WATERBORNE DISEASES

The Centers for Disease Control and Prevention (CDC) estimates 48 million people get sick, 128,000 are hospitalized, and 3,000 die from foodborne diseases each year in the United States. Food can become contaminated with several different types of pathogens, such as bacteria, viruses, and toxins. These foodborne pathogens typically cause diarrheal illness and can vary in severity from a 24 hour illness (such as norovirus) to hospitalization or death (such as listeriosis or botulism). LDH epidemiologists conduct surveillance for 19 different foodborne pathogens. The number of cases reported annually continues to rise as surveillance and diagnostic tests are improved.

Salmonella*, *Shigella*, and *Campylobacter are some of the most common causes of foodborne illnesses. These bacteria cause diarrheal illnesses that are typically self-limiting and begin a couple of days after exposure (making determining the food source difficult) and normally last up to a week.

41

Annual Cases Counts of *Salmonella*, *Shigella*, and *Campylobacter*—Louisiana, 1988-2017
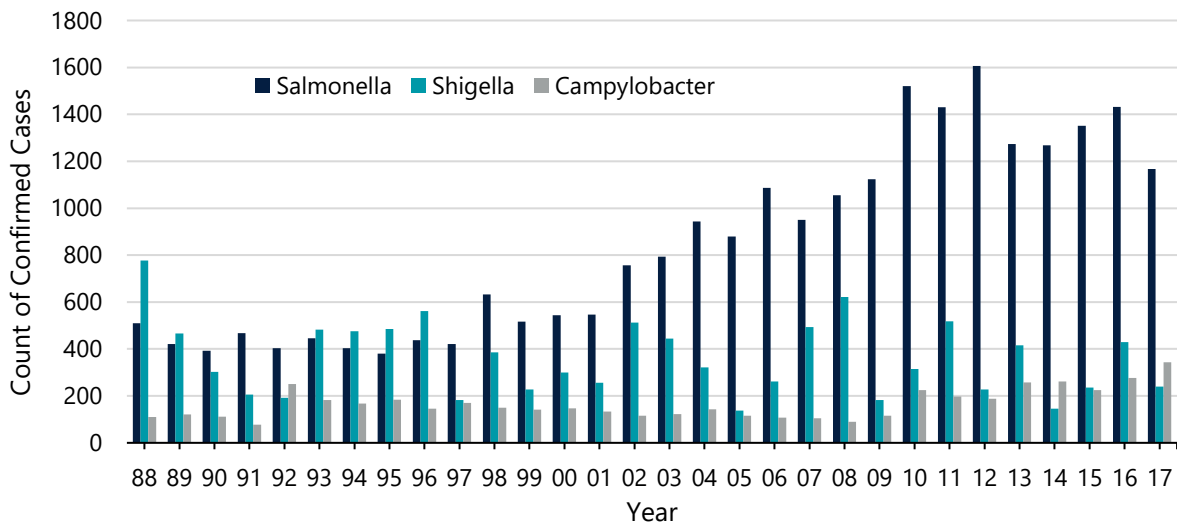
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

While far less common than other foodborne illnesses, **listeriosis** can cause much more severe symptoms, especially in pregnant or immunocompromised individuals. These symptoms can start several weeks after exposure. **Shiga toxin-producing *E. coli* (STEC)** can cause serious gastrointestinal illnesses, and up to 10% of ill individuals develop severe kidney complications.

Annual Cases Counts of *Listeria* and STEC—Louisiana, 2004-2017
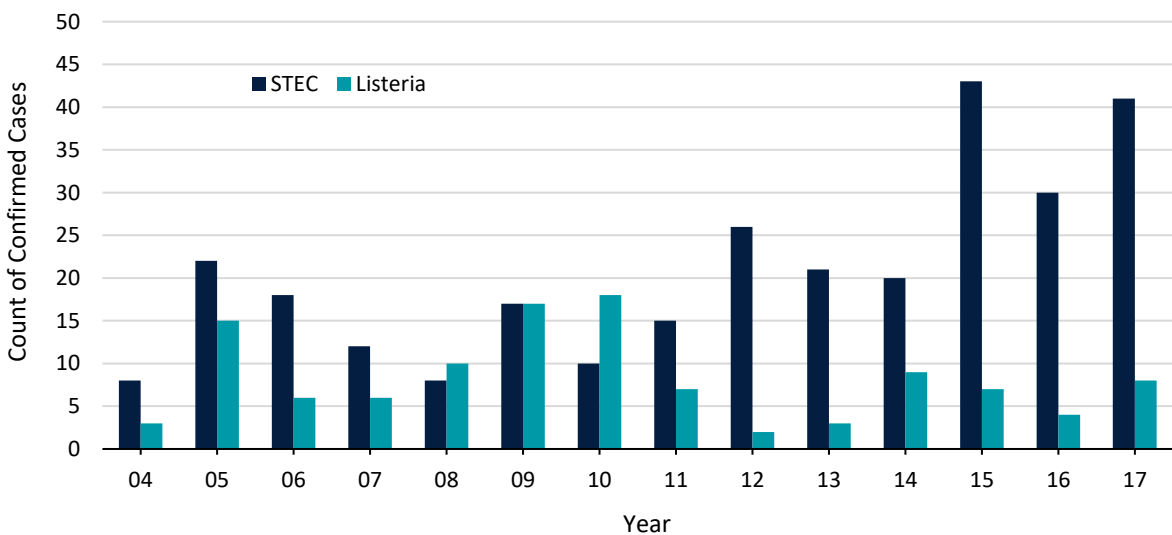
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

Hepatitis A is a vaccine-preventable disease that is transmitted either from person-to-person through the fecal-oral route or exposure to contaminated food or water. Severe or moderate liver issues and gastrointestinal symptoms may last for over a month. In extreme cases, hepatitis A can cause liver failure and even death, and individuals with pre-existing conditions are especially at risk. Outbreaks are commonly associated with particular at-risk groups or with contaminated food. An inactivated vaccine became available in 1995, and rates of cases have been on a sharp decline over the years.

Annual Case Counts of Hepatitis A—Louisiana, 2000-2017
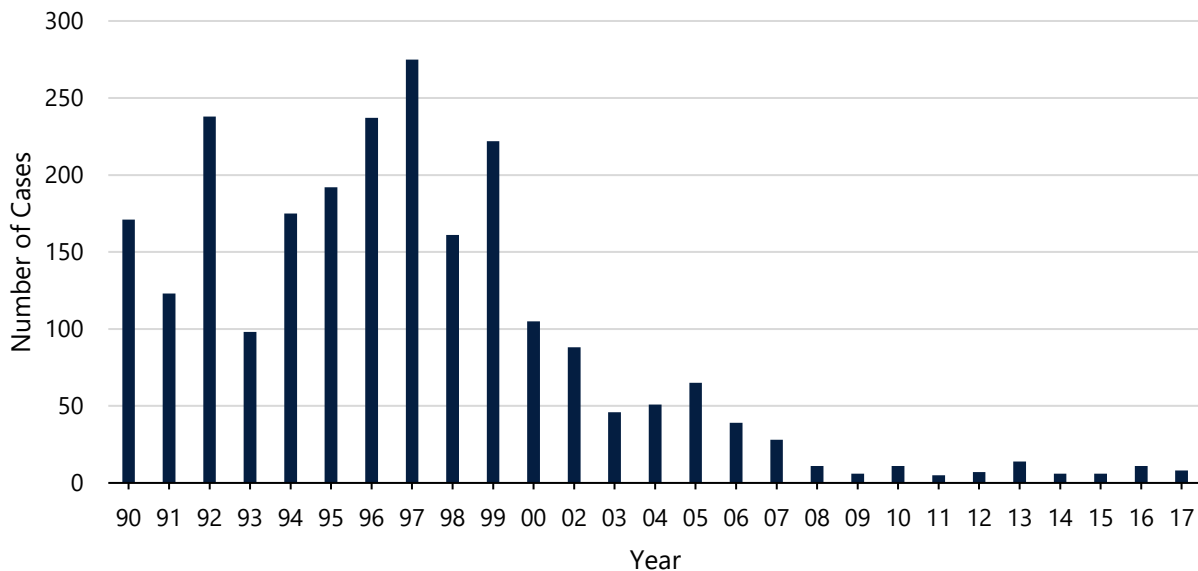
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

Vibriosis is primarily transmitted through the consumption of raw or under-cooked shellfish or by exposure of wounds to warm seawater or seafood drippings. The most common clinical presentation of *Vibrio* infection is self-limited gastroenteritis, however wound infections and primary septicemia also occur. Patients with liver disease and those who are immunocompromised are at a particularly high risk for significant morbidity and mortality associated with these infections. Early detection and initiation of treatment is very important, particularly for *V. cholera* and invasive *Vibrio* infections, because these infections may rapidly progress to death. According to the CDC, about one in four people with serious *V. vulnificus* infections die, as quickly as within a day or two of illness onset.

Confirmed *Vibrio* Cases—Louisiana, 1988-2017
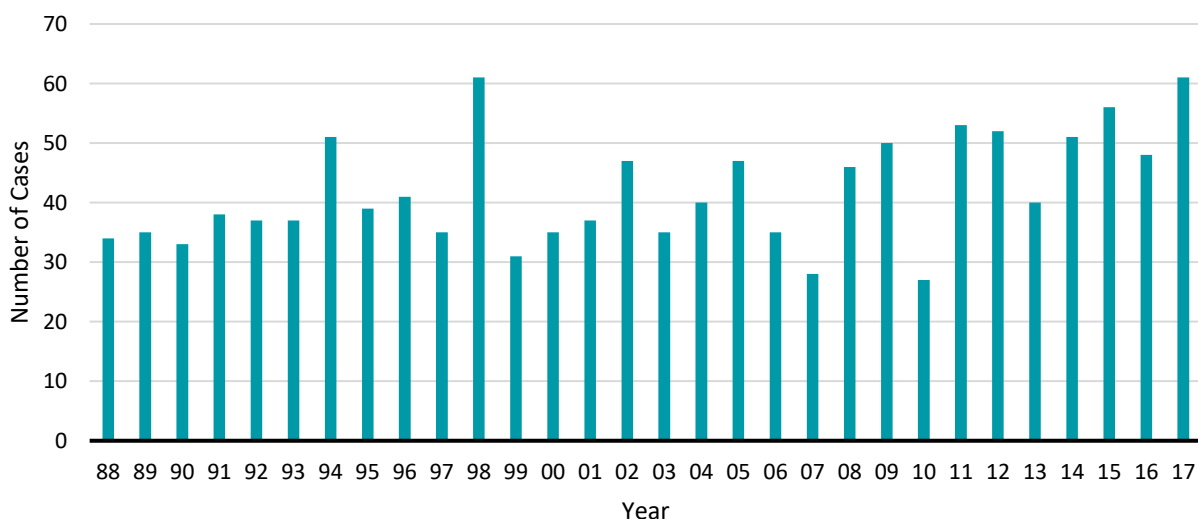
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

Giardiasis and **cryptosporidiosis** are parasitic infections causing diarrheal disease. Both are most commonly transmitted by the consumption of contaminated water, but infection from consumption of contaminated food and fecal-oral (hands and fomites) transmission also occurs.

Annual Case Counts of Cryptosporidiosis and Giardiasis—Louisiana, 1996-2017
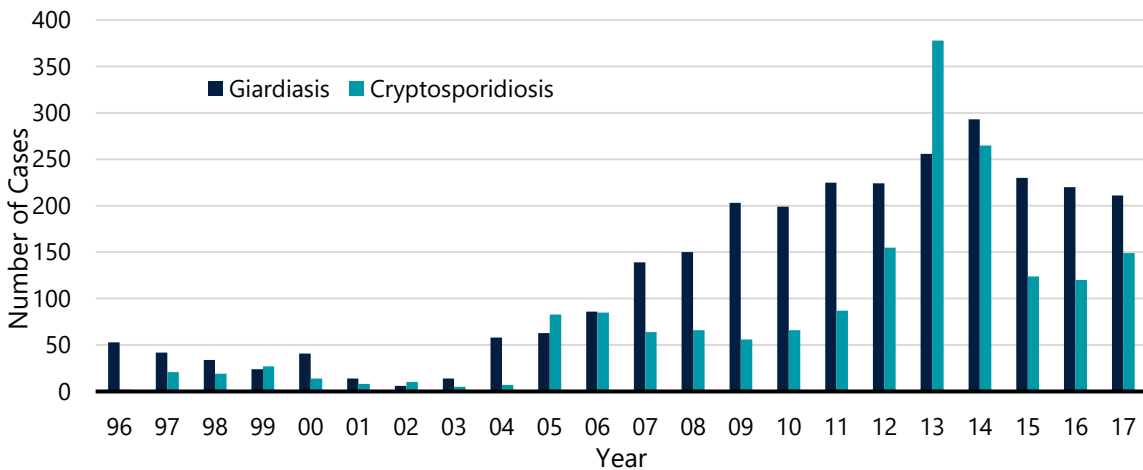
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

Legionellosis (*Legionella*) is an infection caused by the bacterium *Legionella*, which resides primarily in aqueous environments. Legionellosis most commonly occurs as isolated cases, but outbreaks occasionally are identified, usually associated with warm water aerosols originating from air conditioning systems, whirlpool spas, plumbing systems, etc. Nosocomial infections also occur and give rise to the highest proportion of fatal cases. Person-to-person transmission does not take place.

An average of 31 Legionellosis cases have been reported in Louisiana since 2008. Infrequent use of cultures may have a negative effect on recognition of infections caused by Legionella species, but outbreaks of *Legionella pneumophila*, serogroup 1 may be more easily recognized because of the use of non-invasive tests such as the urine antigen test. With the exception of the 1989 outbreak, there has been a generally increasing trend in Legionellosis reports from 1990 to 2017, with a peak in 2014.

Annual Cases Counts of *Legionella*—Louisiana, 1988-2017
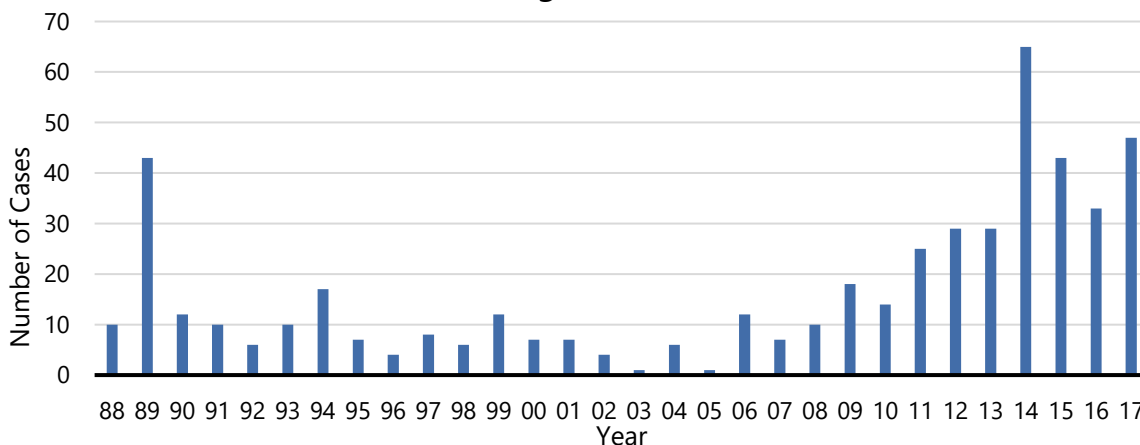
Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

VIRAL RESPIRATORY INFECTIONS

Influenza surveillance in Louisiana utilizes a three-pronged voluntary approach. The main component of the program is outpatient influenza-like illness (ILI) surveillance from sentinel sites including physicians, hospital emergency departments, and urgent care facilities. The other two components of influenza surveillance in Louisiana revolve around laboratory testing. Participating clinical laboratories report rapid test results weekly and the total number of tests done. The last component of the system is active virologic surveillance. Virologic surveillance sites collect influenza swabs on patients each week and submit them for subtyping at the state public health laboratory. Taken together, these components provide a comprehensive view of influenza in the state including: the beginning and end of influenza season, intensity of influenza activity, the age groups most affected by influenza each season, when and where influenza viruses are circulating, and finally to identify changes in the circulating viruses.

Influenza-like Illness (ILI) Surveillance

Influenza season consists of 33 weeks from October – May, but surveillance is conducted year round in Louisiana. The picture below displays the weekly trends of ILI for the last five influenza seasons. The 2017-2018 season is marked with red triangles on a red line. During the 2017-2018 influenza season, information was collected on 1,787,867 healthcare visits, with 87,686 of those attributed to ILI. The 2017-2018 season was classified as the most severe non-pandemic influenza season ever recorded in the U.S. and Louisiana since surveillance began.

Seasonal distribution of Influenza-like Illness—Louisiana, 2013-2018
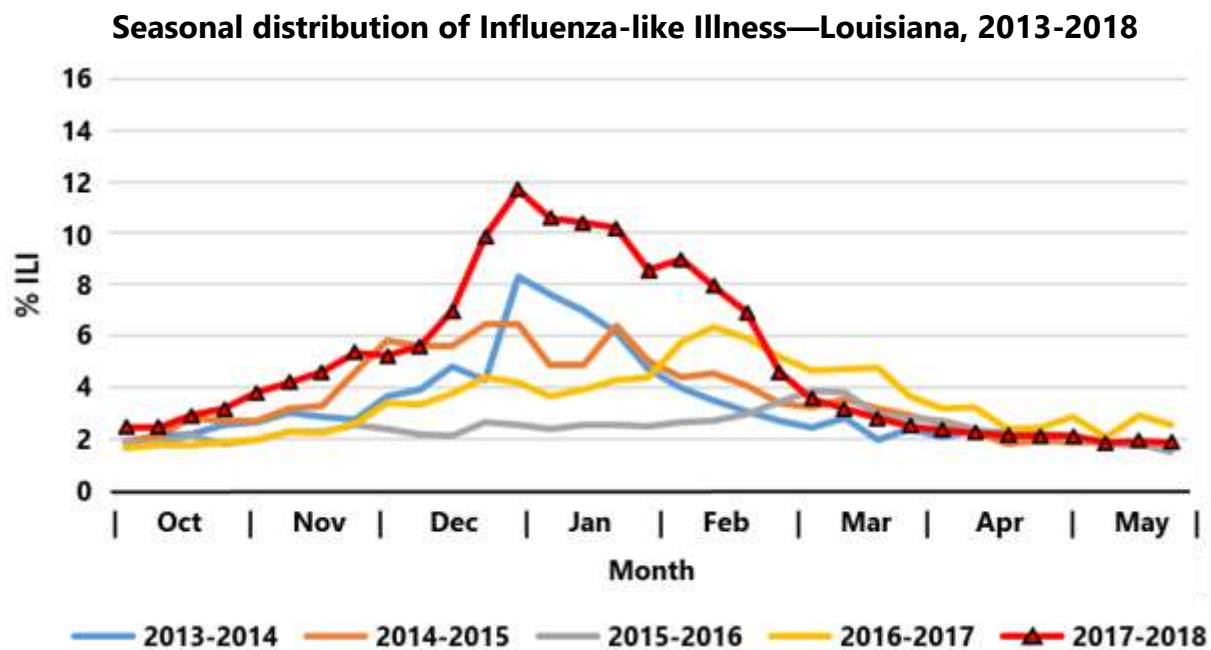
Source: Louisiana Early Event Detection System and sentinel outpatient sites

Clinical Laboratory Data

Clinical laboratories report data weekly on point of care rapid influenza diagnostic tests (RIDTs). Based on the number of positive influenza tests and the total number of tests completed, percent positivity is calculated and used to evaluate circulating virus activity. During the 2017-2018 season, data was captured for 104,487 RIDTs, including 22,574 positives for an overall percent positivity of 21.6.

Public Health Virologic Surveillance

A network of clinics throughout the state participate in virologic surveillance in Louisiana. These sites collect influenza swabs on patients each week and submit them for subtyping at the state public health laboratory. This allows for monitoring of influenza viruses and to identify early any changes that may occur in circulating viruses. During the 2017-2018 season, the Louisiana State Public Health Laboratory tested over 1,800 influenza surveillance samples as part of virologic surveillance. Similar to nationwide surveillance, the dominant virus in Louisiana was influenza A/H3N2.

**Distribution of influenza types & sub-types
Louisiana, 2017-2018 influenza season**
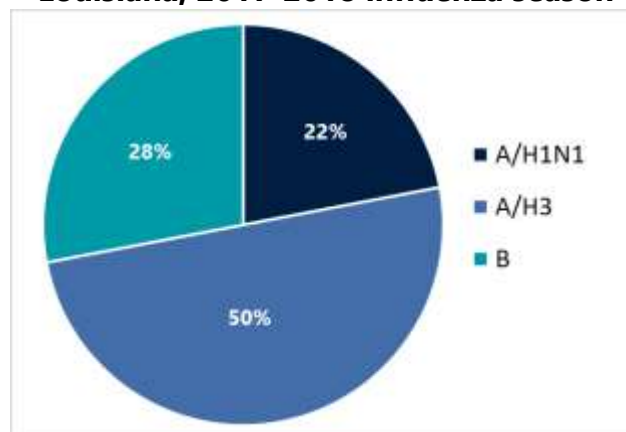
Source: Louisiana Department of Health, Office of Public Health Laboratory
Edited by Bureau of Health Informatics for design continuity

Influenza hospitalizations and deaths are estimated by modeling data from ILI surveillance and clinical laboratories. For the 2017-2018 season, it is estimated that influenza caused over 17,000 hospitalizations and almost 1,800 deaths. H3N2-predominant seasons are associated with more severe illness especially among people older than 65 years and children. During the 2017-2018 season, more than 30% of nursing homes in Louisiana reported influenza outbreaks. Reported flu outbreaks in nursing homes accounted for 1,271 cases, 152 hospitalizations, and 31 deaths.

Surveillance for non-influenza respiratory viruses

Through the influenza virologic surveillance program, Louisiana is able to conduct surveillance for non-influenza respiratory viruses. Clinical laboratories performing any testing in addition to RIDT for influenza report aggregate results weekly. This surveillance provided data on approximately 6,500 positive tests last year identifying 9 non-influenza respiratory viruses. All influenza negative samples submitted to the state public health laboratory tested for an additional nine viruses including respiratory syncytial virus (RSV) which has a defined seasonality and can cause severe illness in young children. Rhinovirus and Enterovirus (R/E) and Adenovirus are also on the panel which have both been implicated in large outbreaks. Nine hundred and two samples were tested by respiratory virus panel (RVP) at the state lab yielding 380 (42%) positives.

Seasonal distribution of non-influenza respiratory viruses—Louisiana, 2017-2018
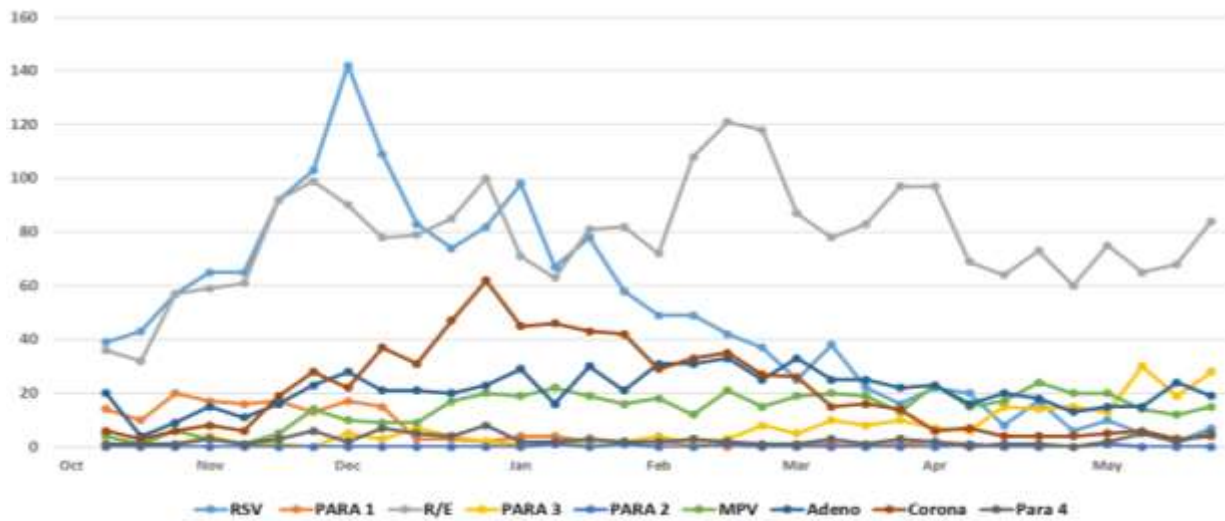
VACCINE PREVENTABLE DISEASES

Mumps is a vaccine-preventable, viral illness that occurs in humans worldwide. Symptoms of mumps include fever, headache, muscle aches, tiredness, and loss of appetite, followed by swelling of one or more of the salivary glands, usually the parotid glands. Transmission occurs through droplets of saliva or mucous from an infected person. Immunity from mumps is gained through previous mumps infection or vaccination.

In recent years there has been an increase in mumps cases reported both in Louisiana and nationwide. Most of these cases have been associated with outbreaks. A majority of these outbreaks occur in places where individuals are living in close proximity to one another, such as college campuses. The 2017 spike in case counts is largely due to an outbreak of mumps in Louisiana in a university setting. In 2017, there were 71 cases of mumps in Louisiana and 58 were associated with the university outbreak. More non-outbreak cases have been identified due to increased awareness of mumps and improvements in the availability of confirmatory laboratory testing.

Case Counts and Rates of Mumps—Louisiana, 1990-2017
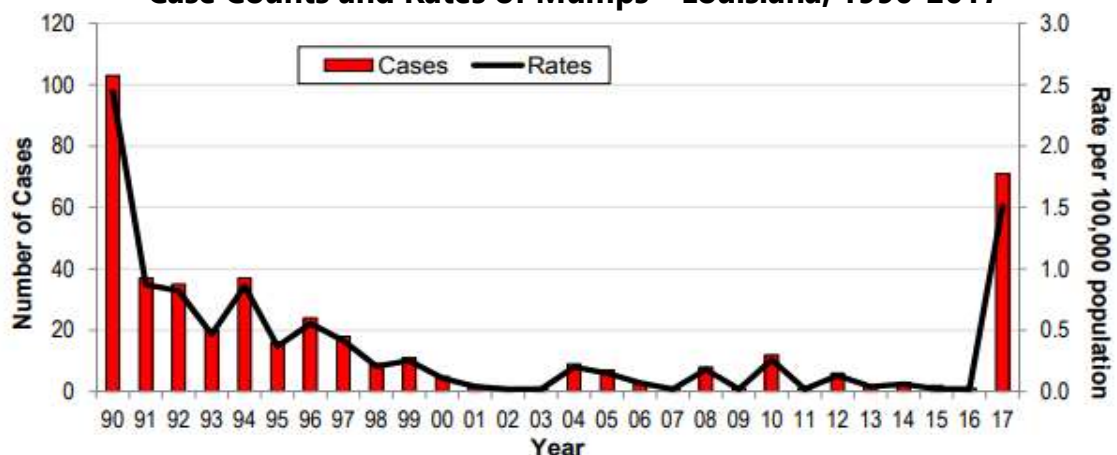
Source: Infectious Disease Reporting Information System

Varicella (chickenpox) is the primary infection in humans caused by the varicella-zoster virus (VZV), which consists of blister-like rash, itching, fatigue, and fever. Illness usually lasts 5-10 days. Varicella is highly infectious with secondary infection rates in susceptible household contacts approaching 90%. Transmission occurs from person-to-person, by direct contact with patients with either varicella or zoster lesions, or by airborne spread from respiratory secretions. Immunity from varicella is gained through previous varicella infection or vaccination.

Varicella rates in Louisiana peaked in 2004 with a rate of 8.06 cases per 100,000 population. Since then, case counts have generally declined. From 2006-2010, the national incidence of varicella declined by 79%. The number of hospitalizations and deaths was also dramatically decreased.
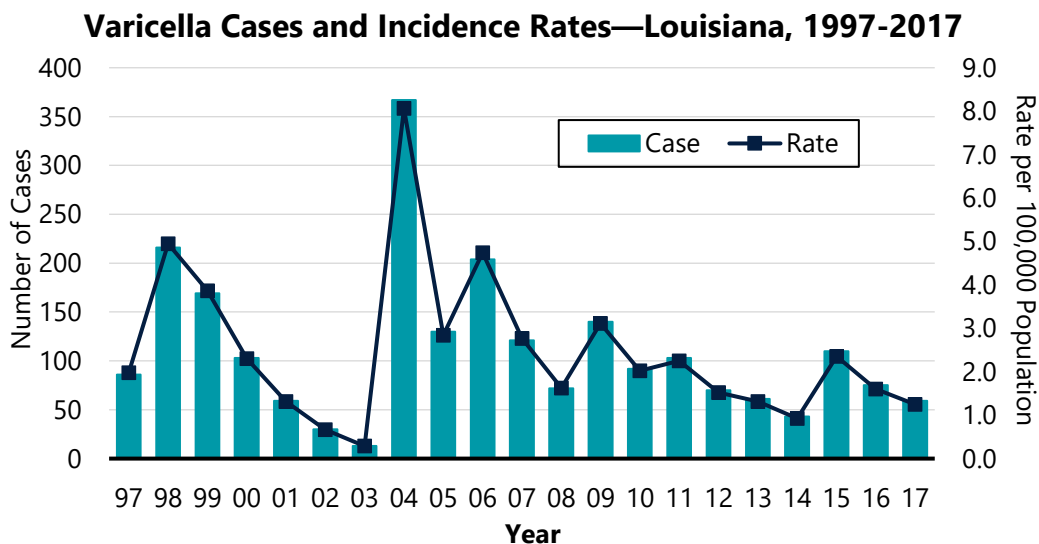
Varicella Cases and Incidence Rates—Louisiana, 1997-2017

Source: Infectious Disease Reporting Information System; edited by Bureau of Health Informatics for design continuity

Pertussis is a respiratory illness commonly known as whooping cough. It is a very contagious disease only found in humans and is caused by a type of bacteria called *Bordetella pertussis*. People with pertussis usually spread the disease to another person by coughing or sneezing or when spending a lot of time near one another where breathing space is shared.

The disease usually starts with cold-like symptoms and maybe a mild cough or fever. As the disease progresses, the traditional symptoms of pertussis may appear. These symptoms include paroxysms of many rapid coughs, followed by a high-pitched "whoop" sound. There may also be vomiting during or after coughing fits. Pertussis can cause serious illness in babies and about half of babies younger than 1 year who get the disease need care in the hospital.

In the past 15 years, the number of pertussis cases in Louisiana has increased, with peaks of 149 cases in 2009 and 215 cases in 2013. Incidence rates have ranged from 0.24-4.53 per 100,000 persons.

Pertussis Cases and 5-Year Average Incidence Rates—Louisiana, 1960-2017
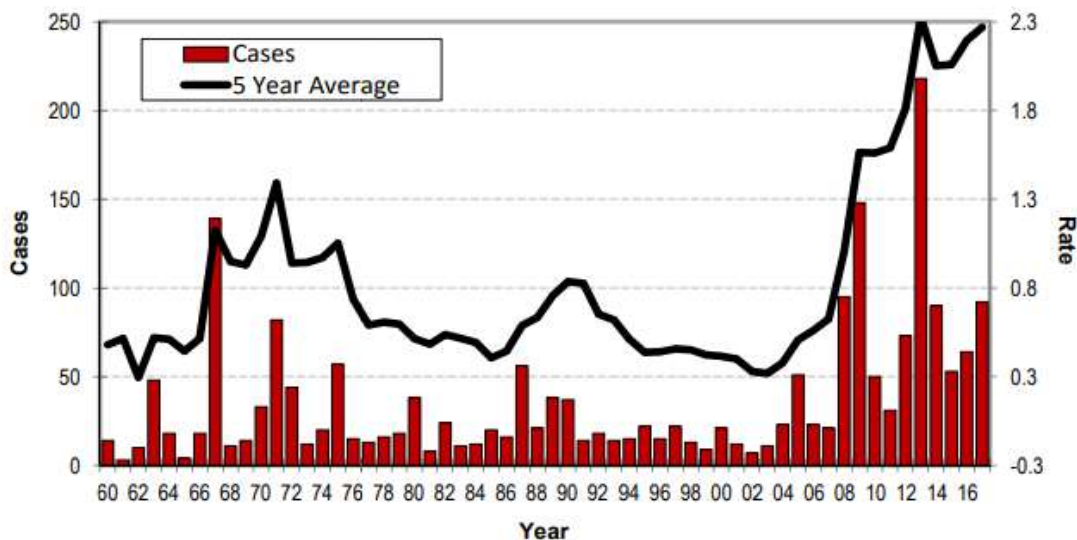
Source: Infectious Disease Reporting Information System

INVASIVE DISEASES

Meningococcal disease is a serious illness caused by a type of bacteria called *Neisseria meningitidis*. It is a leading cause of bacterial meningitis and sepsis in the United States. Meningitis is the most common presentation of invasive meningococcal infection. Cases often present with sudden onset of fever, headache, and stick neck, often accompanied by other symptoms, such as nausea, vomiting, photophobia, and altered mental status. Meningococcal disease can spread from person to person through close contact or extended contact, especially among people living in the same household.

 The highest incidence of meningococcal disease occurs among infants younger than one-year old with a second peak occurring in adolescents and young adults. The majority of cases among infants are caused by serogroup B. Rates of meningococcal disease are at historic lows in the U.S., but meningococcal disease continues to cause substantial morbidity and mortality in persons of all ages. The incidence of meningococcal invasive disease in Louisiana decreased during the 80s, steadily increased during the 90s, and has decreased again in the 2000s.

Meningococcal Meningitis Trends—Louisiana, 1987-2017
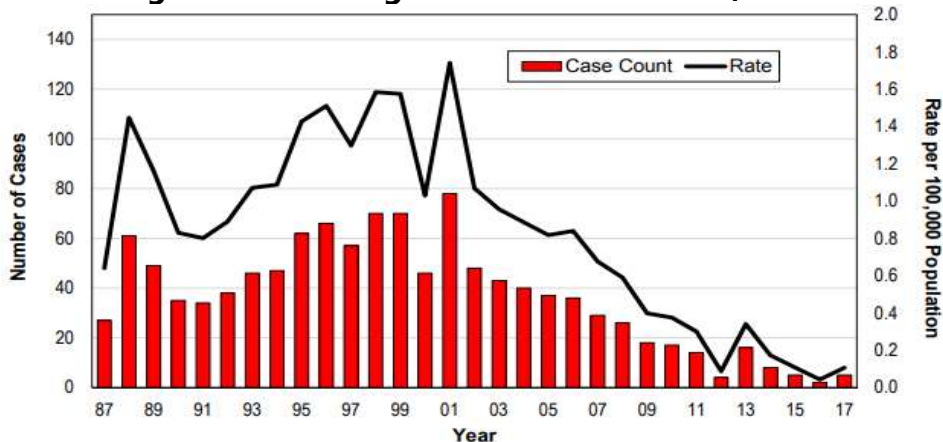
Source: Infectious Disease Reporting Information System

Streptococcus pneumoniae is a type of bacteria with over 90 known serotypes. Most *S. pneumoniae* serotypes can cause disease, but only a minority of serotypes produce the majority of pneumococcal infections. The major clinical syndromes of pneumococcal disease are pneumonia, bacteremia, and meningitis. Disease most often occurs when a predisposing condition exists, particularly pulmonary disease. Transmission occurs as a result of direct person-to-person contact via respiratory droplets and by autoinoculation in persons carrying the bacteria in their upper respiratory tract.

Counts of confirmed invasive pneumococcal disease have generally increased since 2010. In 2014, there was a peak at 403 cases. Since that time, counts have remained stable, with 355 cases occurring in Louisiana in 2017.

Confirmed Invasive Pneumococcal Disease Cases—Louisiana, 2010-2017
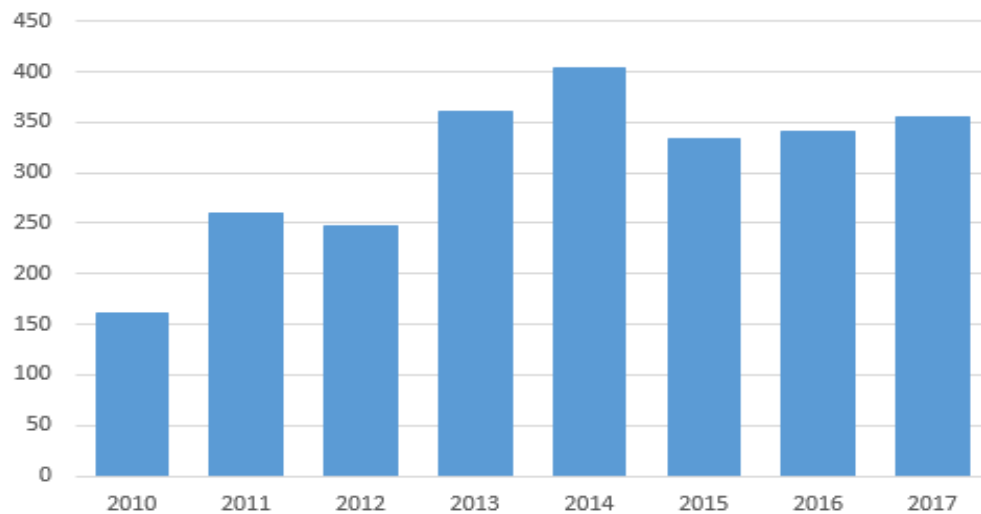
Source: Infectious Disease Reporting Information System

From 2010-2017, the vast majority of invasive pneumococcal cases in Louisiana have occurred in adults, with about 46% occurring in individuals over 60 years. Under 15% of cases have occurred in individuals 20 years and younger.

Haemophilus influenzae is a cause of bacterial infection that is often severe, particularly among infants. Before the advent of vaccines, *H.* influenzae type b (Hib) was the most common cause of serious bacterial infections and meningitis and children in the United States. Invasive disease caused by Hib can affect many organ systems. The most common types of invasive disease are meningitis, epiglottitis, pneumonia, arthritis, and cellulitis. The mode of transmission is person to person by inhalation of respiratory droplets or by direct contact with respiratory secretions.

Pre-vaccine, Hib caused 300 invasive infections in Louisiana each year, half of which resulted in meningitis. In Louisiana, all types of *Haemophilus influenza* are reportable. Case counts dramatically reduced in the 1990s but began to increase again in the early 2000s. For the past decade, the incidence of all types of *H. influenzae* has been relatively stable.

Incidence of *Haemophilus influenzae* Invasive Disease, All Types—Louisiana, 1983-2017
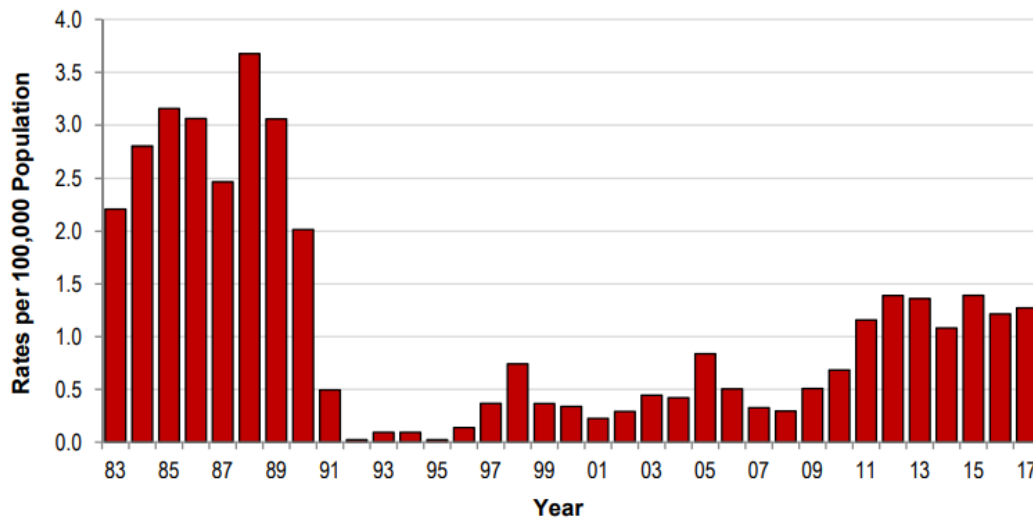
Source: Infectious Disease Reporting Information System

HEPATITIS B AND HEPATITIS C

Hepatitis B and hepatitis C are liver infections caused by two different viruses. They both begin as short-term infections, but in some people the virus remains in the body and can cause chronic or lifelong infection.

The **hepatitis B virus (HBV)** is spread when blood, semen, or other body fluids infected with the hepatitis B virus enters the body of a person who is not infected. A safe, effective vaccine is available to prevent infection with hepatitis B.

Acute hepatitis B is a short-term illness that occurs within the first 6 months after exposure to the hepatitis B virus. An acute infection can range in severity from a mild illness with few or no symptoms to a serious condition requiring hospitalization. Some people, especially adults, are able to clear the virus without treatment. People who clear the virus become immune and cannot be infected with the hepatitis B virus again.

Eight-eight new acute HBV cases were reported in Louisiana in 2017, with an incidence of 1.9 new cases per population of 100,000.

**Acute Hepatitis B infections: new cases reported to LA Office of Public Health
Louisiana, 2001-2017**

Source: Infectious Disease Reporting Information System
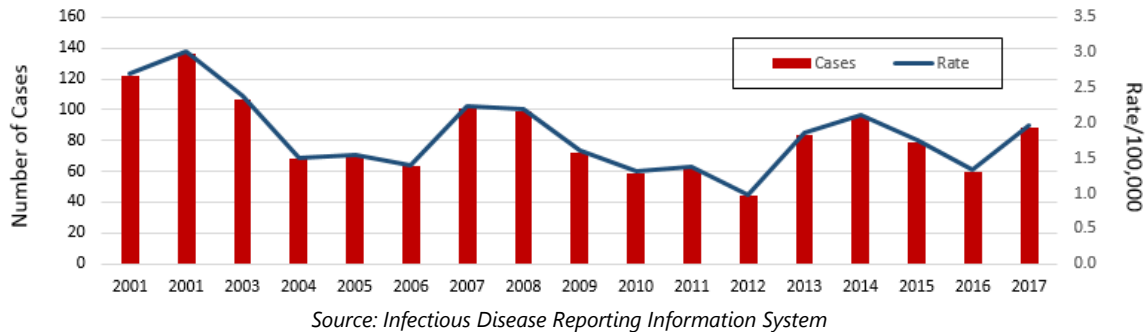
Chronic hepatitis B is a lifelong infection with the hepatitis B virus. The younger a person is when infected with HBV, the greater the chance of developing a chronic infection. Over time, chronic hepatitis B can cause serious health problems, including liver damage, cirrhosis (scarring of the liver), liver cancer, and death.

In 2010, there was a 41% increase in chronic HBV cases reported in Louisiana, an increase likely due to improved electronic reporting systems. Cases of chronic HBV reported to LDH OPH are not new infections, but are newly detected chronic infections. One thousand sixteen cases were newly reported in Louisiana in 2017, with a rate of 27.0 cases per population of 100,000.

**Chronic Hepatitis B infections: new cases reported to LA Office of Public Health
Louisiana, 2001-2017**

Source: Infectious Disease Reporting Information System
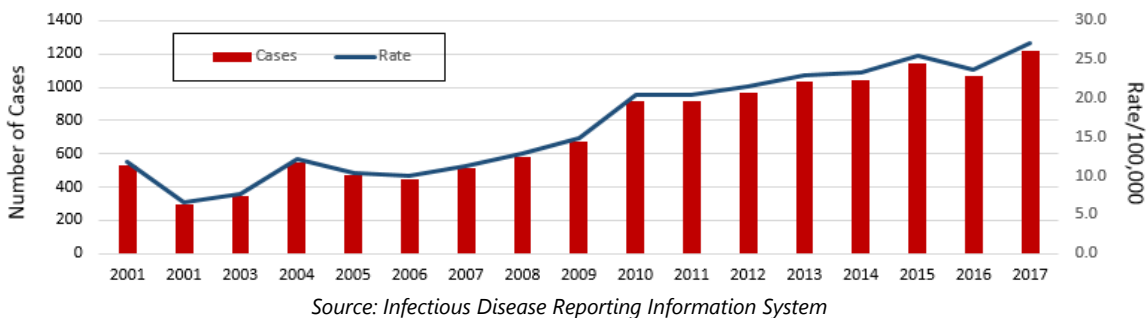
The **hepatitis C virus (HCV)** usually is spread when blood from a person infected with the hepatitis C virus enters the body of someone who is not infected. Today, most people become infected with the hepatitis C virus by sharing needles or other equipment to prepare or inject drugs. No vaccine is available to prevent infection with hepatitis C.

Acute hepatitis C occurs within the first 6 months after being exposed to the hepatitis C virus. Hepatitis C can be a short-term illness, with approximately 15% to 25% of infected people clearing it from their bodies without treatment.

In 2016, it was estimated that 500 people are infected with hepatitis C each year in Louisiana. Very few

acute HCV cases are reported to the state because most HCV infections are asymptomatic and therefore are not diagnosed. The decline in reported infections seen since 2000 probably is an artifact of the surveillance system. Twelve new acute HCV cases were reported in Louisiana in 2017, with an incidence of 0.3 new cases per population of 100,000.

Acute Hepatitis C infections: new cases reported to LA Office of Public Health Louisiana, 2001-2017
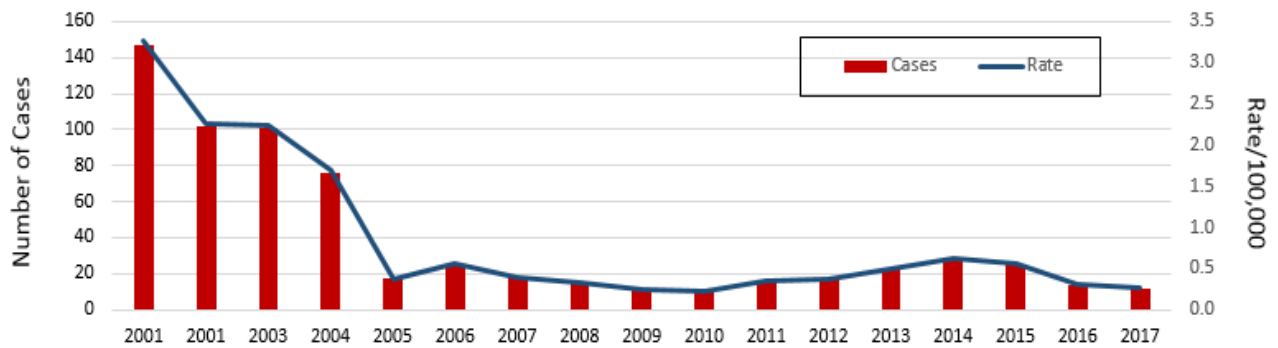
Source: Infectious Disease Reporting Information System

Hepatitis C Past or Present Infection (HCV-PPI) can be a lifelong infection with the hepatitis C virus if the HCV infection is left untreated. Approximately 75% to 85% of people who become infected with hepatitis C virus develop a HCV-PPI infection that can lead to serious health problems, including liver damage, cirrhosis (scarring of the liver), liver cancer, and death.

Eight thousand twelve cases of HCV-PPI were newly reported in Louisiana in 2017, with a rate of 178.0 cases per population of 100,000. Cases of HCV-PPI reported to LDH OPH are not new infections, but are newly detected chronic infections.

Hepatitis C past or present infections: new cases reported to LA Office of Public Health Louisiana, 2001-2017
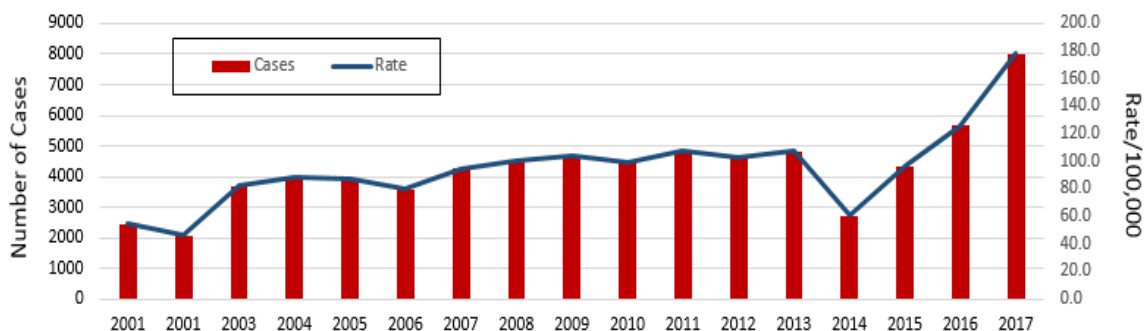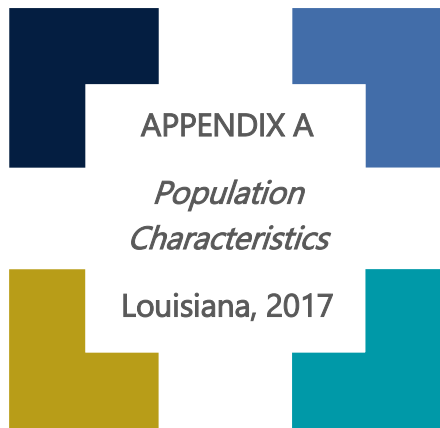
Source: Infectious Disease Reporting Information System

INFECTIOUS DISEASE OUTBREAKS

Disease outbreaks are identified by the reportable disease surveillance system or by reports from public health professionals or the public. From 2010 to 2017, a total of 519 outbreaks have been recorded in Louisiana.   Outbreaks are categorized by several features, such as disease category, mode of transmission, facility type, season, and geographic location. Foodborne/enteric outbreaks have been by far the most common type of outbreak in Louisiana, accounting for 54% of the outbreaks. Respiratory outbreaks have made up 29% of the outbreaks over the last eight years.

Count of Outbreaks by Disease Category and Year—Louisiana, 2010 - 2017									
	2010	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**Total**
Food/Enteric	28	39	17	39	47	39	53	21	**283**
Other	5	8	2	6	3	5	8	0	**37**
Respiratory	13	9	14	17	14	10	11	63	**151**
Skin and Soft Tissue	3	2	3	3	2	2	1	4	**20**
Vaccine Preventable Diseases	4	2	6	3	2	6	2	3	**28**
Total	**53**	**60**	**42**	**68**	**68**	**62**	**75**	**91**	**519**

APPENDIX A

*Population
Characteristics*

Louisiana, 2017

2017 POPULATION CHARACTERISTCS

The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collects state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. Visit the following CDC site for information on methodology and data access:
http://www.cdc.gov/brfss/about/index.htm

All data in the following tables are taken from the Louisiana Behavioral Risk Factor Surveillance System (BRFSS) for 2017. Because the BRFSS survey results are derived from a weighted sample of the population, the accuracy and precision of the estimates is dependent on sample size and sample bias. Where the sample size was too small to provide a valid estimate, NA (not available) was entered.

For further information, contact:
Laurie Freyder, MPH
Louisiana BRFSS Coordinator
Laurie.Freyder@la.gov
504.568.8191

STATEWIDE DEMOGRAPHIC BREAKOUT

SEX	STATEWIDE			
	2014	**2015**	**2016**	**2017**
MALE	48.4	48.3	48.3	48.2
FEMALE	51.6	51.7	51.7	51.8

RACE	STATEWIDE			
	2014	**2015**	**2016**	**2017**
WHITE	61.5	61.0	60.9	60.5
BLACK	30.2	30.4	30.4	30.5
HISPANIC	4.2	3.3	5.0	4.5
OTHER	3.4	3.7	2.2	3.6
MULTIRACIAL	0.7	1.5	1.4	0.9

EDUCATION	STATEWIDE			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	18.0	17.7	17.2	16.8
GRADUATED H.S.	33.9	33.8	33.5	33.7
SOME COLLEGE	28.2	28.5	28.9	28.7
GRADUATED COLLEGE	19.9	20.0	20.3	20.7

INCOME	STATEWIDE			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	15.6	14.2	13.7	17.1
$15,000 TO < $25,000	20.9	19.9	21.6	19.3
$25,000 TO < $35,000	10.0	10.3	10.3	10.0
$35,000 TO < $50,000	12.6	12.9	14.3	12.5
$50,000 OR MORE	40.9	42.8	40.1	41.1

AGE	STATEWIDE			
	2014	**2015**	**2016**	**2017**
18-24	13.2	13.1	12.9	12.7
25-34	18.6	18.6	18.6	18.5
35-44	16.1	16.2	16.3	16.4
45-54	17.1	16.7	16.3	16.0
55-64	16.7	16.7	16.8	16.7
65 AND OLDER	18.3	17.6	19.2	19.7

REGION 1 DEMOGRAPHIC BREAKOUT

SEX	REGION 1			
	2014	**2015**	**2016**	**2017**
MALE	47.9	47.7	47.6	47.2
FEMALE	52.1	52.3	52.4	52.8

RACE	REGION 1			
	2014	**2015**	**2016**	**2017**
WHITE	47.9	46.7	47.0	45.0
BLACK	36.9	37.6	37.7	42.5
HISPANIC	8.0	7.4	10.3	6.5
OTHER	6.1	5.9	NA	NA
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 1			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	13.2	12.7	12.2	13.1
GRADUATED H.S.	31.5	28.1	30.6	28.7
SOME COLLEGE	30.0	33.4	32.4	31.2
GRADUATED COLLEGE	21.8	25.9	24.8	27.0

INCOME	REGION 1			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	15.1	15.5	13.8	18.1
$15,000 TO < $25,000	23.1	20.0	26.8	18.9
$25,000 TO < $35,000	12.1	12.0	12.1	6.6
$35,000 TO < $50,000	11.3	14.3	13.0	16.5
$50,000 OR MORE	38.4	38.3	34.3	39.9

AGE	REGION 1			
	2014	**2015**	**2016**	**2017**
18-24	11.7	13.9	12.7	13.0
25-34	20.1	17.9	18.7	19.2
35-44	16.3	16.6	16.7	16.4
45-54	17.0	16.5	16.1	15.5
55-64	17.0	17.0	17.0	16.9
65 AND OLDER	17.9	18.2	18.7	18.8

REGION 2 DEMOGRAPHIC BREAKOUT

SEX	REGION 2			
	2014	**2015**	**2016**	**2017**
MALE	48.9	49.5	49.1	50.3
FEMALE	51.1	50.5	50.9	49.7

RACE	REGION 2			
	2014	**2015**	**2016**	**2017**
WHITE	53.8	53.8	56.0	53.2
BLACK	38.5	39.0	35.7	38.3
HISPANIC	3.0	NA	NA	5.3
OTHER	3.9	3.6	NA	NA
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 2			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	15.8	17.1	16.6	16.7
GRADUATED H.S.	19.0	18.2	19.4	26.3
SOME COLLEGE	16.1	15.8	16.7	33.0
GRADUATED COLLEGE	16.5	15.6	16.0	24.0

INCOME	REGION 2			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	15.8	15.4	9.7	12.1
$15,000 TO < $25,000	19.4	14.1	17.3	17.4
$25,000 TO < $35,000	7.3	8.1	8.6	10.8
$35,000 TO < $50,000	14.1	12.9	19.3	11.9
$50,000 OR MORE	43.4	49.5	45.0	47.8

AGE	REGION 2			
	2014	**2015**	**2016**	**2017**
18-24	15.8	17.1	16.6	18.0
25-34	19.0	18.2	19.4	16.2
35-44	16.1	15.8	16.7	15.6
45-54	16.5	15.6	16.0	15.9
55-64	16.2	15.3	15.3	14.7
65 AND OLDER	16.3	18.0	16.0	19.6

REGION 3 DEMOGRAPHIC BREAKOUT

SEX	REGION 3			
	2014	**2015**	**2016**	**2017**
MALE	48.8	46.7	50.2	47.7
FEMALE	51.2	53.3	49.8	52.3

RACE	REGION 3			
	2014	**2015**	**2016**	**2017**
WHITE	66.3	65.0	63.4	65.5
BLACK	25.7	24.7	30.8	23.6
HISPANIC	2.6	NA	NA	NA
OTHER	4.9	6.2	NA	5.6
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 3			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	21.5	25.2	20.0	23.9
GRADUATED H.S.	40.2	39.0	37.6	38.4
SOME COLLEGE	23.2	22.3	26.6	23.0
GRADUATED COLLEGE	15.1	13.5	15.8	14.7

INCOME	REGION 3			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	14.4	12.7	11.6	18.9
$15,000 TO < $25,000	20.7	20.1	22.7	15.1
$25,000 TO < $35,000	9.6	10.5	8.2	14.2
$35,000 TO < $50,000	11.2	12.8	12.6	11.4
$50,000 OR MORE	44.1	43.9	44.9	40.4

AGE	REGION 3			
	2014	**2015**	**2016**	**2017**
18-24	11.3	13.1	NA	9.5
25-34	19.1	18.5	15.3	16.4
35-44	16.0	16.7	16.0	18.9
45-54	18.8	17.4	18.4	17.5
55-64	17.1	16.9	18.3	18.0
65 AND OLDER	17.6	17.3	19.7	19.6

REGION 4 DEMOGRAPHIC BREAKOUT

SEX	REGION 4			
	2014	**2015**	**2016**	**2017**
MALE	48.0	48.9	46.0	48.5
FEMALE	52.0	51.1	54.0	51.5

RACE	REGION 4			
	2014	**2015**	**2016**	**2017**
WHITE	68.5	67.9	67.8	66.8
BLACK	25.0	25.9	22.4	25.2
HISPANIC	3.5	NA	NA	NA
OTHER	2.5	NA	NA	NA
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 4			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	22.5	22.6	25.2	20.9
GRADUATED H.S.	34.1	34.5	30.8	34.5
SOME COLLEGE	28.5	27.1	24.7	26.9
GRADUATED COLLEGE	14.9	15.9	19.3	17.7

INCOME	REGION 4			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	16.6	12.4	15.1	18.5
$15,000 TO < $25,000	18.3	12.4	20.0	17.2
$25,000 TO < $35,000	10.9	12.4	8.8	7.9
$35,000 TO < $50,000	12.3	10.3	14.8	13.4
$50,000 OR MORE	41.9	52.5	41.3	43.0

AGE	REGION 4			
	2014	**2015**	**2016**	**2017**
18-24	12.9	11.1	10.6	11.4
25-34	19.1	21.3	20.6	20.0
35-44	16.1	15.2	16.1	18.5
45-54	17.6	20.6	16.8	12.6
55-64	16.7	17.5	16.7	19.7
65 AND OLDER	17.7	14.3	19.2	17.8

REGION 5 DEMOGRAPHIC BREAKOUT

SEX	REGION 5			
	2014	**2015**	**2016**	**2017**
MALE	49.3	50.8	49.0	47.5
FEMALE	50.7	49.2	51.0	52.5

RACE	REGION 5			
	2014	**2015**	**2016**	**2017**
WHITE	73.1	73.3	65.9	70.3
BLACK	19.3	19.6	26.2	22.8
HISPANIC	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 5			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	17.6	22.9	20.4	16.4
GRADUATED H.S.	37.8	33.5	39.9	41.3
SOME COLLEGE	26.8	27.2	22.2	26.3
GRADUATED COLLEGE	17.8	16.4	17.5	16.0

INCOME	REGION 5			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	14.1	14.4	11.6	17.4
$15,000 TO < $25,000	21.1	22.2	24.3	18.5
$25,000 TO < $35,000	10.1	10.2	7.0	10.7
$35,000 TO < $50,000	10.6	10.9	12.3	9.2
$50,000 OR MORE	44.2	42.3	44.8	44.2

AGE	REGION 5			
	2014	**2015**	**2016**	**2017**
18-24	15.4	15.6	NA	10.6
25-34	15.3	15.6	19.1	20.0
35-44	16.0	16.3	19.8	14.4
45-54	17.4	12.9	14.9	20.0
55-64	16.8	18.4	16.2	15.2
65 AND OLDER	19.1	21.2	20.9	19.8

2017 POPULATION CHARACTERISTCS
Louisiana Behavioral Risk Factor Surveillance System

REGION 6 DEMOGRAPHIC BREAKOUT

SEX	REGION 6			
	2014	**2015**	**2016**	**2017**
MALE	50.2	45.6	51.6	48.3
FEMALE	49.8	54.4	48.4	51.6

RACE	REGION 6			
	2014	**2015**	**2016**	**2017**
WHITE	67.0	66.9	71.5	71.1
BLACK	24.6	23.4	21.5	19.7
HISPANIC	5.1	NA	NA	NA
OTHER	NA	NA	NA	5.7
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 6			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	18.7	27.4	20.1	18.7
GRADUATED H.S.	36.5	35.9	40.1	42.8
SOME COLLEGE	29.7	24.7	23.4	23.1
GRADUATED COLLEGE	15.0	12.1	16.4	15.4

INCOME	REGION 6			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	15.3	12.4	21.0	20.0
$15,000 TO < $25,000	24.1	28.6	18.3	20.6
$25,000 TO < $35,000	11.5	9.0	10.1	12.4
$35,000 TO < $50,000	14.3	14.4	15.0	9.6
$50,000 OR MORE	34.7	35.5	35.6	37.4

AGE	REGION 6			
	2014	**2015**	**2016**	**2017**
18-24	11.9	10.9	16.0	10.9
25-34	19.8	17.4	20.1	20.4
35-44	16.3	17.2	11.5	14.3
45-54	16.7	16.2	15.3	18.7
55-64	15.9	14.1	16.8	16.1
65 AND OLDER	19.3	24.2	20.2	19.6

REGION 7 DEMOGRAPHIC BREAKOUT

SEX	REGION 7			
	2014	2015	2016	2017
MALE	47.8	50.8	48.1	47.2
FEMALE	52.2	49.2	51.9	52.8

RACE	REGION 7			
	2014	2015	2016	2017
WHITE	57.5	57.3	57.6	55.4
BLACK	36.7	37.0	34.7	36.1
HISPANIC	NA	NA	NA	NA
OTHER	2.7	NA	NA	NA
MULTIRACIAL	NA	NA	NA	1.3

EDUCATION	REGION 7			
	2014	2015	2016	2017
LESS THAN H.S.	14.8	14.7	15.5	16.9
GRADUATED H.S.	38.9	34.9	33.4	37.3
SOME COLLEGE	28.3	28.1	30.2	27.5
GRADUATED COLLEGE	18.1	22.4	20.9	18.3

INCOME	REGION 7			
	2014	2015	2016	2017
LESS THAN $15,000	16.2	17.0	13.0	19.5
$15,000 TO < $25,000	21.9	20.9	21.1	20.4
$25,000 TO < $35,000	11.2	9.6	12.6	12.3
$35,000 TO < $50,000	14.3	12.0	15.8	12.5
$50,000 OR MORE	36.4	40.6	37.4	35.2

AGE	REGION 7			
	2014	2015	2016	2017
18-24	12.4	11.4	10.9	10.7
25-34	18.6	17.4	20.7	19.7
35-44	15.7	15.8	15.4	15.7
45-54	16.5	17.0	16.2	15.5
55-64	16.7	17.6	16.5	16.4
65 AND OLDER	20.1	20.9	20.3	22.0

REGION 8 DEMOGRAPHIC BREAKOUT

SEX	REGION 8			
	2014	**2015**	**2016**	**2017**
MALE	48.2	45.1	47.0	49.0
FEMALE	51.8	54.9	53.0	51.0

RACE	REGION 8			
	2014	**2015**	**2016**	**2017**
WHITE	60.0	58.3	58.3	60.8
BLACK	36.7	38.5	38.7	32.7
HISPANIC	NA	NA	NA	NA
OTHER	NA	NA	NA	NA
MULTIRACIAL	NA	NA	NA	NA

EDUCATION	REGION 8			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	23.0	13.2	18.2	17.4
GRADUATED H.S.	32.7	39.9	41.1	37.7
SOME COLLEGE	27.7	29.7	27.0	26.0
GRADUATED COLLEGE	16.6	17.2	13.7	18.9

INCOME	REGION 8			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	20.0	15.7	23.4	21.7
$15,000 TO < $25,000	20.2	25.0	22.3	24.2
$25,000 TO < $35,000	11.4	13.4	12.1	11.4
$35,000 TO < $50,000	10.3	16.3	11.0	11.4
$50,000 OR MORE	38.1	29.6	31.2	31.3

AGE	REGION 8			
	2014	**2015**	**2016**	**2017**
18-24	16.2	11.1	13.1	14.4
25-34	17.2	23.6	17.2	19.7
35-44	15.3	15.9	16.2	16.5
45-54	15.3	14.2	15.5	13.1
55-64	16.2	15.2	17.0	15.7
65 AND OLDER	19.8	19.9	21.0	20.6

REGION 9 DEMOGRAPHIC BREAKOUT
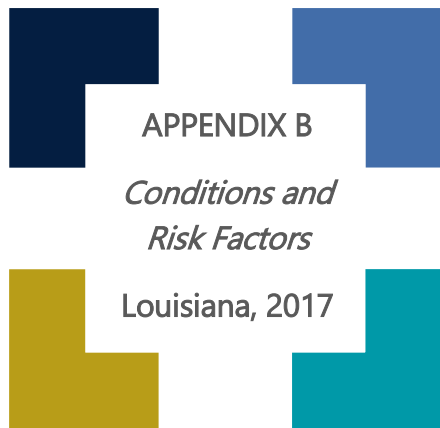
SEX	REGION 9			
	2014	**2015**	**2016**	**2017**
MALE	48.2	48.2	48.1	48.1
FEMALE	51.8	51.8	51.9	51.9

RACE	REGION 9			
	2014	**2015**	**2016**	**2017**
WHITE	77.9	77.8	77.3	77.1
BLACK	16.3	16.0	17.5	15.7
HISPANIC	4.6	3.4	NA	3.6
OTHER	NA	NA	NA	2.7
MULTIRACIAL	NA	NA	NA	0.9

EDUCATION	REGION 9			
	2014	**2015**	**2016**	**2017**
LESS THAN H.S.	19.6	17.0	17.1	12.9
GRADUATED H.S.	31.9	34.5	26.9	31.7
SOME COLLEGE	28.5	28.1	34.8	32.4
GRADUATED COLLEGE	20.1	20.4	21.2	23.0

INCOME	REGION 9			
	2014	**2015**	**2016**	**2017**
LESS THAN $15,000	13.3	10.8	11.4	12.5
$15,000 TO < $25,000	19.8	23.9	18.6	22.6
$25,000 TO < $35,000	6.6	7.3	11.0	8.6
$35,000 TO < $50,000	14.0	12.5	12.6	11.0
$50,000 OR MORE	46.4	45.6	46.4	45.3

AGE	REGION 9			
	2014	**2015**	**2016**	**2017**
18-24	12.7	11.6	13.3	12.0
25-34	16.4	17.4	15.5	16.6
35-44	16.7	16.8	16.8	16.7
45-54	18.1	17.5	17.2	16.9
55-64	17.4	17.4	17.4	17.4
65 AND OLDER	18.7	19.2	19.8	20.3

APPENDIX B

Conditions and Risk Factors

Louisiana, 2017

2017 CHRONIC CONDITIONS AND RISK FACTORS

The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collects state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. Visit the following CDC site for information on methodology and data access: http://www.cdc.gov/brfss/about/index.htm

All data in the following tables are taken from the Louisiana Behavioral Risk Factor Surveillance System (BRFSS) for 2017. Because the BRFSS survey results are derived from a weighted sample of the population, the accuracy and precision of the estimates is dependent on sample size and sample bias. Where the sample size was too small to provide a valid estimate, NA (not available) was entered.

For further information, contact:
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Table 1: Diabetes		
	%	95% Confidence Interval
Total	13.6	12.3-14.8
Gender		
Male	12.8	11.0-14.6
Female	14.3	12.7-16.0
Race/Ethnicity		
White non-Hispanic	11.7	10.4-13.1
Black non-Hispanic	16.7	14.1-19.3
Other	14.3	6.5-22.1
Age		
18-24	NA	NA
25-34	4.2	2.1-6.3
35-44	6.8	4.3-9.2
45-54	16.6	12.9-20.4
55-64	21.2	18.0-24.5
65+	25.9	23.0-28.9
Education		
Less than High School	18.9	14.9-22.8
High School Graduate	14.9	12.6-17.1
Some College	12.0	9.8-14.1
College Graduate	9.3	7.6-11.0
Household Income		
< $15,000	18.9	15.1-22.7
$15,000-$24,999	17.0	13.4-20.6
$25,000-$34,999	20.1	14.9-25.2
$35,000-$49,999	12.6	8.4-16.7
$50,000 +	8.4	6.9-9.9

Table 2: Underweight		
	%	95% Confidence Interval
Total	2.0	1.5-2.5
Gender		
Male	1.5	0.8-2.2
Female	2.5	1.7-3.3
Race/Ethnicity		
White non-Hispanic	2.1	1.4-2.8
Black non-Hispanic	1.9	0.9-2.8
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	NA	NA
55-64	NA	NA
65+	2.4	1.4-3.4
Education		
Less than High School	NA	NA
High School Graduate	1.8	0.9-2.8
Some College	2.0	1.1-2.9
College Graduate	1.6	0.8-2.4
Household Income		
< $15,000	2.8	1.2-4.5
$15,000-$24,999	NA	NA
$25,000-$34,999	NA	NA
$35,000-$49,999	NA	NA
$50,000 +	1.5	0.8-2.3

Table 3: Normal Weight		
	%	95% Confidence Interval
Total	28.0	26.3-29.8
Gender		
Male	25.4	22.9-28.0
Female	30.4	27.9-32.8
Race/Ethnicity		
White non-Hispanic	29.4	27.4-31.5
Black non-Hispanic	23.9	20.2-27.6
Other	36.0	24.9-47.1
Age		
18-24	47.8	40.8-54.7
25-34	30.7	26.0-35.3
35-44	23.3	19.2-27.4
45-54	21.5	17.8-25.1
55-64	22.9	19.6-26.2
65+	26.7	23.7-29.6
Education		
Less than High School	29.4	23.6-35.2
High School Graduate	27.4	24.4-30.5
Some College	26.0	22.9-29.0
College Graduate	31.0	28.0-34.0
Household Income		
< $15,000	22.9	17.9-27.9
$15,000-$24,999	32.8	28.1-37.5
$25,000-$34,999	28.2	22.1-34.3
$35,000-$49,999	23.4	18.4-28.5
$50,000 +	27.2	24.5-29.8

Table 4: Overweight		
	%	95% Confidence Interval
Total	33.8	32.0-35.6
Gender		
Male	37.1	34.4-39.8
Female	30.6	28.2-33.0
Race/Ethnicity		
White non-Hispanic	35.0	32.9-37.1
Black non-Hispanic	32.0	28.3-35.7
Other	29.9	19.3-40.6
Age		
18-24	29.0	22.9-35.2
25-34	31.8	27.0-36.6
35-44	36.8	31.9-41.7
45-54	30.2	26.2-34.2
55-64	36.2	32.4-39.9
65+	36.8	33.5-40.1
Education		
Less than High School	31.4	25.9-37.0
High School Graduate	32.1	29.1-35.1
Some College	34.3	31.0-37.7
College Graduate	37.2	34.1-40.3
Household Income		
< $15,000	34.5	29.2-39.9
$15,000-$24,999	28.9	24.7-33.2
$25,000-$34,999	32.3	26.3-38.4
$35,000-$49,999	36.4	30.5-42.2
$50,000 +	35.9	33.1-38.7

Table 5: Obese		
	%	**95% Confidence Interval**
Total	36.2	34.4-38.1
Gender		
Male	36.0	33.2-38.7
Female	36.5	34.1-39.0
Race/Ethnicity		
White non-Hispanic	33.5	31.4-35.6
Black non-Hispanic	42.2	38.3-46.1
Other	33.2	22.2-44.2
Age		
18-24	21.0	15.8-26.3
25-34	34.9	30.2-39.6
35-44	38.3	33.5-43.2
45-54	46.8	42.2-51.4
55-64	39.3	35.5-43.2
65+	34.2	30.9-37.4
Education		
Less than High School	36.4	30.9-41.9
High School Graduate	38.6	35.3-41.8
Some College	37.7	34.3-41.1
College Graduate	30.2	27.4-33.1
Household Income		
< $15,000	39.7	34.5-44.9
$15,000-$24,999	36.7	32.1-41.3
$25,000-$34,999	37.8	31.5-44.1
$35,000-$49,999	38.8	32.7-44.9
$50,000 +	35.4	32.6-38.3

Table 6: Stroke		
	%	95% Confidence Interval
Total	4.7	4.0-5.3
Gender		
Male	3.5	2.6-4.3
Female	5.8	4.7-6.8
Race/Ethnicity		
White non-Hispanic	4.0	3.2-4.8
Black non-Hispanic	5.5	4.1-7.0
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	4.1	2.5-5.7
55-64	6.9	4.9-8.9
65+	11.0	8.8-13.1
Education		
Less than High School	9.4	6.6-12.2
High School Graduate	5.1	4.0-6.3
Some College	2.8	1.9-3.7
College Graduate	2.6	1.7-3.4
Household Income		
< $15,000	8.8	6.2-11.4
$15,000-$24,999	7.4	5.2-9.5
$25,000-$34,999	4.3	2.2-6.3
$35,000-$49,999	2.7	1.3-4.1
$50,000 +	1.8	1.1-2.4

Table 7: Heart Attack		
	%	95% Confidence Interval
Total	5.2	4.5-5.9
Gender		
Male	6.2	5.0-7.3
Female	4.3	3.4-5.2
Race/Ethnicity		
White non-Hispanic	5.2	4.3-6.1
Black non-Hispanic	4.5	3.2-5.7
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	5.1	3.3-6.9
55-64	8.8	6.6-11.1
65+	12.9	10.5-15.4
Education		
Less than High School	10.0	7.2-12.9
High School Graduate	5.3	4.1-6.6
Some College	3.4	2.5-4.4
College Graduate	3.5	2.5-4.4
Household Income		
< $15,000	8.5	5.9-11.2
$15,000-$24,999	5.9	4.2-7.6
$25,000-$34,999	4.4	2.4-6.6
$35,000-$49,999	5.5	2.9-8.0
$50,000 +	2.6	1.9-3.4

Table 8: Angina		
	%	95% Confidence Interval
Total	5.3	4.6-6.0
Gender		
Male	6.2	5.0-7.3
Female	4.5	3.6-5.4
Race/Ethnicity		
White non-Hispanic	5.6	4.7-6.5
Black non-Hispanic	3.9	2.7-5.1
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	3.3	1.9-4.8
55-64	8.3	6.3-10.3
65+	14.6	12.2-17.0
Education		
Less than High School	8.3	5.8-10.9
High School Graduate	5.7	4.4-7.1
Some College	4.0	3.0-5.0
College Graduate	3.9	2.9-4.9
Household Income		
< $15,000	10.2	7.3-13.1
$15,000-$24,999	6.3	4.5-8.2
$25,000-$34,999	4.8	2.5-7.0
$35,000-$49,999	4.9	2.8-7.0
$50,000 +	2.8	2.1-3.6

Table 9: Heart Attack or Heart Disease		
	%	95% Confidence Interval
Total	7.8	7.0-8.7
Gender		
Male	9.1	7.7-10.5
Female	6.7	5.6-7.7
Race/Ethnicity		
White non-Hispanic	8.1	7.0-9.2
Black non-Hispanic	6.3	4.8-7.8
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	2.2	1.0-3.5
45-54	6.4	4.4-8.4
55-64	12.0	9.6-14.4
65+	20.7	18.0-23.5
Education		
Less than High School	13.4	10.1-16.7
High School Graduate	8.3	6.7-9.9
Some College	5.5	4.3-6.7
College Graduate	5.9	4.7-7.1
Household Income		
< $15,000	14.1	10.7-17.5
$15,000-$24,999	8.9	6.8-11.1
$25,000-$34,999	6.9	4.3-9.5
$35,000-$49,999	8.4	5.5-11.3
$50,000 +	4.0	3.1-5.0

Table 10: Current Smoker		
	%	95% Confidence Interval
Total	23.1	21.4-24.7
Gender		
Male	25.4	22.8-28.0
Female	21.0	18.9-23.1
Race/Ethnicity		
White non-Hispanic	22.7	20.8-24.7
Black non-Hispanic	20.7	17.6-23.9
Other	33.4	22.2-44.6
Age		
18-24	22.6	17.0-28.3
25-34	29.8	25.1-34.6
35-44	28.4	23.9-33.0
45-54	25.9	21.9-29.8
55-64	21.5	18.3-24.7
65+	11.5	9.2-13.7
Education		
Less than High School	37.2	31.5-42.9
High School Graduate	25.2	22.4-28.1
Some College	22.9	20.0-25.8
College Graduate	8.7	6.9-10.5
Household Income		
< $15,000	35.0	29.9-40.2
$15,000-$24,999	30.8	26.2-35.4
$25,000-$34,999	28.4	22.2-34.6
$35,000-$49,999	21.5	16.5-26.5
$50,000 +	15.5	13.3-17.7

Table 11: Ex Smoker		
	%	95% Confidence Interval
Total	22.9	21.4-24.5
Gender		
Male	26.1	23.7-28.5
Female	20.1	18.2-22.0
Race/Ethnicity		
White non-Hispanic	26.8	24.9-28.7
Black non-Hispanic	16.4	13.6-19.3
Other	14.5	7.4-21.7
Age		
18-24	5.3	2.6-8.0
25-34	16.7	13.0-20.4
35-44	18.3	14.6-21.9
45-54	21.1	17.3-24.8
55-64	32.0	28.3-35.8
65+	37.2	33.9-40.5
Education		
Less than High School	22.2	17.7-26.7
High School Graduate	23.9	21.1-26.6
Some College	22.3	19.6-25.1
College Graduate	22.7	20.2-25.3
Household Income		
< $15,000	18.0	14.4-21.6
$15,000-$24,999	20.5	16.5-24.6
$25,000-$34,999	21.7	16.7-26.7
$35,000-$49,999	26.5	21.6-31.4
$50,000 +	25.8	23.2-28.3

Table 12: Never Smoker		
	%	95% Confidence Interval
Total	54.0	52.1-55.9
Gender		
Male	48.5	45.7-51.4
Female	58.9	56.4-61.4
Race/Ethnicity		
White non-Hispanic	50.4	48.2-52.6
Black non-Hispanic	62.8	59.1-66.6
Other	52.1	40.7-63.4
Age		
18-24	72.1	66.0-78.1
25-34	53.5	48.5-58.4
35-44	53.3	48.4-58.2
45-54	53.0	48.5-57.5
55-64	46.5	42.6-50.4
65+	51.4	48.0-54.8
Education		
Less than High School	40.6	34.7-46.5
High School Graduate	50.9	47.6-54.2
Some College	54.8	51.4-58.3
College Graduate	68.5	65.7-71.4
Household Income		
< $15,000	47.0	41.5-52.4
$15,000-$24,999	48.7	43.8-53.5
$25,000-$34,999	49.9	43.2-56.5
$35,000-$49,999	52.0	45.9-58.1
$50,000 +	58.7	55.8-61.6

Table 13: Asthma		
	%	95% Confidence Interval
Total	15.4	14.0-16.8
Gender		
Male	13.1	11.1-15.2
Female	17.5	15.6-19.4
Race/Ethnicity		
White non-Hispanic	14.3	12.7-15.8
Black non-Hispanic	17.2	14.3-20.1
Other	15.2	6.5-23.8
Age		
18-24	19.5	14.4-24.6
25-34	20.4	16.4-24.3
35-44	15.0	11.5-18.5
45-54	16.1	12.7-19.6
55-64	12.7	10.1-15.3
65+	10.0	8.1-12.0
Education		
Less than High School	22.0	17.3-26.7
High School Graduate	14.7	12.4-17.1
Some College	15.0	12.6-17.5
College Graduate	11.6	9.5-13.6
Household Income		
< $15,000	19.6	15.4-23.7
$15,000-$24,999	21.7	17.4-25.9
$25,000-$34,999	13.2	8.9-17.5
$35,000-$49,999	12.1	8.4-15.8
$50,000 +	12.1	10.0-14.1

Table 14: COPD		
	%	**95% Confidence Interval**
Total	9.0	8.0-10.1
Gender		
Male	7.4	5.9-8.9
Female	10.5	9.0-12.0
Race/Ethnicity		
White non-Hispanic	9.0	7.8-10.1
Black non-Hispanic	7.8	5.9-9.7
Other	NA	NA
Age		
18-24	NA	NA
25-34	5.0	3.0-7.1
35-44	7.2	4.4-9.9
45-54	10.4	7.3-13.4
55-64	12.3	9.7-15.0
65+	15.2	12.8-17.5
Education		
Less than High School	16.9	13.0-20.9
High School Graduate	9.1	7.3-10.9
Some College	8.3	6.6-9.9
College Graduate	3.5	2.4-4.5
Household Income		
< $15,000	15.3	11.9-18.8
$15,000-$24,999	15.6	11.7-19.4
$25,000-$34,999	7.0	3.9-10.1
$35,000-$49,999	6.7	4.5-8.9
$50,000 +	3.8	2.8-4.9

Table 15: Skin Cancer		
	%	95% Confidence Interval
Total	5.1	4.5-5.8
Gender		
Male	6.2	5.1-7.4
Female	4.1	3.3-4.9
Race/Ethnicity		
White non-Hispanic	8.0	7.0-9.1
Black non-Hispanic	NA	NA
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	3.5	2.1-4.9
55-64	6.5	4.8-8.3
65+	15.2	12.8-17.6
Education		
Less than High School	4.2	2.3-6.0
High School Graduate	4.6	3.5-5.7
Some College	4.7	3.5-6.0
College Graduate	7.4	6.0-8.8
Household Income		
< $15,000	3.1	1.5-4.7
$15,000-$24,999	3.6	2.3-4.8
$25,000-$34,999	7.7	4.3-11.0
$35,000-$49,999	6.7	4.1-9.3
$50,000 +	5.5	4.4-6.6

Table 16: Cancer Other than Skin Cancer		
	%	95% Confidence Interval
Total	6.9	6.1-7.7
Gender		
Male	5.1	4.2-6.1
Female	8.6	7.4-9.8
Race/Ethnicity		
White non-Hispanic	8.3	7.2-9.3
Black non-Hispanic	4.4	3.1-5.7
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	3.2	1.5-4.9
45-54	5.3	3.5-7.2
55-64	10.5	8.1-12.8
65+	17.0	14.6-19.3
Education		
Less than High School	8.3	5.7-10.8
High School Graduate	5.3	4.2-6.5
Some College	6.9	5.5-8.4
College Graduate	8.4	6.8-9.9
Household Income		
< $15,000	8.1	5.5-10.7
$15,000-$24,999	6.9	5.1-8.8
$25,000-$34,999	8.9	5.6-12.2
$35,000-$49,999	7.5	5.2-9.8
$50,000 +	5.7	4.5-6.8

Table 17: Arthritis		
	%	95% Confidence Interval
Total	27.3	25.8-28.9
Gender		
Male	22.8	20.6-25.0
Female	31.6	29.4-33.7
Race/Ethnicity		
White non-Hispanic	29.2	27.3-31.0
Black non-Hispanic	25.1	22.0-28.1
Other	14.5	7.3-21.8
Age		
18-24	4.5	1.9-7.1
25-34	11.1	8.2-14.1
35-44	15.3	11.9-18.6
45-54	31.1	27.0-35.2
55-64	41.3	37.5-45.1
65+	52.5	49.2-55.8
Education		
Less than High School	34.9	29.8-39.9
High School Graduate	28.5	25.8-31.2
Some College	26.0	23.2-28.7
College Graduate	21.3	19.0-23.7
Household Income		
< $15,000	35.3	30.5-40.1
$15,000-$24,999	31.4	27.2-35.6
$25,000-$34,999	33.6	27.8-39.5
$35,000-$49,999	26.9	22.1-31.7
$50,000 +	20.6	18.4-22.8

Table 18: Depressive Disorder		
	%	95% Confidence Interval
Total	21.9	20.4-23.4
Gender		
Male	15.8	13.8-17.9
Female	27.6	25.4-29.7
Race/Ethnicity		
White non-Hispanic	24.1	22.2-26.0
Black non-Hispanic	16.8	14.1-19.6
Other	24.6	15.3-33.9
Age		
18-24	20.5	15.5-25.5
25-34	23.5	19.6-27.4
35-44	23.2	19.1-27.2
45-54	23.3	19.5-27.0
55-64	21.0	17.8-24.1
65+	19.8	17.2-22.4
Education		
Less than High School	30.0	24.9-35.1
High School Graduate	20.5	18.1-23.0
Some College	22.8	20.1-25.6
College Graduate	16.4	14.2-18.6
Household Income		
< $15,000	33.0	28.2-37.9
$15,000-$24,999	25.5	21.5-29.5
$25,000-$34,999	24.9	19.3-30.4
$35,000-$49,999	22.7	17.5-27.9
$50,000+	14.4	12.5-16.4

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Table 19: Kidney Disease		
	%	95% Confidence Interval
Total	3.8	3.2-4.5
Gender		
Male	3.7	2.7-4.7
Female	3.9	3.1-4.8
Race/Ethnicity		
White non-Hispanic	3.9	3.1-4.7
Black non-Hispanic	3.3	2.1-4.5
Other	NA	NA
Age		
18-24	NA	NA
25-34	NA	NA
35-44	NA	NA
45-54	3.4	2.0-4.8
55-64	5.7	3.9-7.5
65+	8.1	6.3-9.9
Education		
Less than High School	6.0	3.5-8.5
High School Graduate	3.1	2.1-4.1
Some College	3.6	2.6-4.7
College Graduate	3.4	2.4-4.5
Household Income		
< $15,000	4.4	2.3-6.5
$15,000-$24,999	5.1	3.2-6.9
$25,000-$34,999	5.1	2.7-7.5
$35,000-$49,999	3.7	1.6-5.8
$50,000 +	2.7	1.8-3.7

TABLE 20: MEN
CHRONIC CONDITIONS AND RISK FACTORS BY RACE

2017	OVERALL	RACE		
		Caucasian, NH*	African American, NH	Other
% Diabetes	12.8 (11.0-14.6)	11.8 (9.7-13.8)	14.1 (10.5-17.7)	15.7 (7.2-24.3)
% Current Smoker	25.4 (22.8-28.0)	23.2 (20.4-26.1)	25.4 (20.2-30.6)	38.6 (27.4-49.9)
% Ex Smoker	26.1 (23.7-28.5)	29.1 (26.2-32.0)	22.1 (17.1-27.1)	19.2 (10.2-28.2)
% Never Smoker	48.5 (45.7-51.4)	47.7 (44.4-51.0)	52.5 (46.4-58.6)	42.2 (31.5-52.9)
% Normal Weight	25.4 (22.9-28.0)	23.7 (20.8-26.6)	25.7 (20.3-31.0)	34.4 (23.7-45.1)
% Over Weight	37.1 (34.4-39.8)	40.0 (36.8-43.1)	32.3 (26.6-38.0)	34.4 (23.6-45.3)
% Obese	36.0 (33.2-38.7	35.0 (31.9-38.1)	40.0 (34.0-46.0)	30.3 (20.1-40.6)
% MI	6.2 (5.0-7.3)	6.4 (5.0-7.8)	5.2 (3.0-7.3)	NA
NA% Angina (CHD)	6.2 (5.0-7.3)	6.7 (5.3-8.1)	3.5 (1.8-5.2)	NA
% Stroke	3.5 (2.6-4.3)	2.8 (1.9-3.8)	5.5 (3.4-7.7)	NA
% Ever Asthma	13.1 (11.1-15.2)	11.9 (9.7-14.1)	15.6 (11.2-20.0)	NA
% Skin Cancer	6.2 (5.1-7.4)	9.7 (7.9-11.4)	NA	NA
% Other Cancer	5.1 (4.2-6.1)	6.2 (4.9-7.4)	3.0 (1.5-4.5)	NA
% COPD	7.4 (5.9-8.9)	7.0 (5.5-8.4)	6.6 (4.0-9.2)	NA
% Arthritis	22.8 (20.6-25.0)	24.1 (21.5-26.7)	20.4 (16.2-24.7)	20.9 (11.8-30.0)
% Depressive Disorder	15.8 (13.8-17.9)	16.4 (13.9-18.9)	12.2 (8.4-15.9)	22.0 (13.2-30.9)
% Kidney Disease	3.7 (2.7-4.7)	3.7 (2.5-4.9)	3.5 (1.6-5.4)	NA

* NH: Non-Hispanic

TABLE 21: MEN
CHRONIC CONDITIONS AND RISK FACTORS BY AGE

2017	OVERALL	AGE (Years)					
		18-24	25-34	35-44	45-54	55-64	65+
% Diabetes	12.8 (11.0-14.6	NA	NA	NA	16.1 (9.7-22.5)	22.6 (17.7-27.4)	27.7 (22.8-32.6)
% Current Smoker	25.4 (22.8-28.0)	25.8 (16.9-34.8)	29.9 (22.9-36.9)	31.8 (25.3-38.2)	29.4 (23.0-35.9)	21.5 (16.5-26.5)	14.2 (10.1-18.2)
% Ex Smoker	26.1 (23.7-28.5)	NA	21.7 (15.4-28.0)	21.2 (15.7-26.6)	22.3 (16.2-28.4)	36.1 (30.4-41.9)	42.7 (37.4-48.1)
% Never Smoker	48.5 (45.7-51.4)	67.6 (58.3-76.9)	48.4 (41.1-55.7)	47.1 (40.1-54.0)	48.3 (41.1-55.4)	42.4 (36.6-48.2)	43.1 (37.6-48.6)
% Normal Weight	25.4 (22.9-28.0)	51.8 (42.3-61.3)	30.1 (23.4-36.7)	17.0 (12.0-22.0)	17.9 (12.7-23.0)	19.1 (14.3-23.9)	22.0 (17.4-26.5)
% Over Weight	37.1 (34.4-39.8)	29.6 (20.9-38.3)	36.1 (28.9-43.2)	42.7 (35.9-49.5)	34.5 (28.1-40.9)	36.9 (31.4-42.5)	41.0 (35.7-46.3)
% Obese	36.0 (33.2-38.7	16.5 (9.4-23.6)	31.4 (24.7-38.1)	39.6 (32.7-46.5)	47.3 (40.1-54.6)	42.7 (36.9-48.5)	35.1 (29.9-40.3)
% MI	6.2 (5.0-7.3)	NA	NA	NA	6.6 (3.6-9.6)	12.0 (7.9-16.0)	15.1 (11.2-18.9)
% Angina (CHD)	6.2 (5.0-7.3)	NA	NA	NA	5.0 (2.4-7.7)	11.2 (7.5-14.8)	15.3 (11.8-18.9)
% Stroke	3.5 (2.6-4.3)	NA	NA	NA	NA	6.9 (4.1-9.8)	9.1 (6.1-12.0)
% Ever Asthma	13.1 (11.1-15.2)	20.9 (12.9-28.9)	19.4 (13.7-25.1)	10.1 (6.1-14.0)	13.4 (7.8-19.1)	9.4 (6.2-12.5)	6.6 (4.1-9.1)
% Skin Cancer	6.2 (5.1-7.4)	NA	NA	NA	NA	8.3 (5.3-11.3)	22.9 (18.3-27.5)
% Other Cancer	5.1 (4.2-6.1)	NA	NA	NA	NA	7.5 (4.2-10.9)	17.7 (14.0-21.4)
% COPD	7.4 (5.9-8.9)	NA	5.6 (2.5-8.8)	NA	NA	10.7 (7.1-14.3)	12.8 (9.3-16.3)
% Arthritis	22.8 (20.6-25.0)	NA	7.9 (4.5-11.3)	14.1 (9.5-18.8)	25.1 (18.9-31.2)	36.9 (31.3-42.5)	46.0 (40.6-51.3)
% Depressive Disorder	15.8 (13.8-17.9)	15.2 (8.6-21.7)	15.7 (10.6-20.8)	16.7 (11.5-21.8)	16.1 (10.5-21.7)	14.5 (10.5-18.6)	16.6 (12.6-20.5)
% Kidney Disease	3.7 (2.7-4.7)	NA	NA	NA	NA	7.1 (4.1-10.2)	8.0 (5.1-10.9)

TABLE 22: MEN
CHRONIC CONDITIONS AND RISK FACTORS BY EDUCATION

2017	OVERALL	EDUCATION			
		No HS	HS	Some College	College
% Diabetes	12.8 (11.0-14.6	14.4 (9.3-19.6)	14.8 (11.2-18.4)	10.6 (7.5-13.7)	10.8 (8.3-13.2)
% Current Smoker	25.4 (22.8-28.0)	41.5 (33.3-49.7)	29.4 (24.9-33.9)	21.4 (17.1-25.7)	10.2 (7.3-13.0)
% Ex Smoker	26.1 (23.7-28.5)	25.5 (18.7-32.3)	26.4 (22.0-30.8)	25.8 (21.3-30.2)	26.1 (22.1-30.2)
% Never Smoker	48.5 (45.7-51.4)	33.1 (25.2-40.9)	44.2 (39.1-49.3)	52.8 (47.5-58.1)	63.7 (59.2-68.1)
% Normal Weight	25.4 (22.9-28.0)	30.6 (22.8-38.4)	26.8 (22.3-31.3)	22.7 (18.3-27.1)	22.6 (18.6-26.6)
% Over Weight	37.1 (34.4-39.8)	32.7 (25.0-40.3)	34.1 (29.5-38.7)	37.1 (32.0-42.3)	46.0 (41.3-50.6)
% Obese	36.0 (33.2-38.7	34.4 (26.6-42.1)	37.4 (32.5-42.3)	38.8 (33.7-44.0)	30.8 (26.6-35.0)
% MI	6.2 (5.0-7.3)	11.1 (6.8-15.4)	5.6 (3.7-7.5)	4.4 (2.7-6.0)	5.3 (3.5-7.1)
% Angina (CHD)	6.2 (5.0-7.3)	8.5 (5.0-12.0)	6.2 (4.0-8.3)	4.5 (2.8-6.2)	6.5 (4.5-8.4)
% Stroke	3.5 (2.6-4.3)	5.8 (2.9-8.7)	3.9 (2.4-5.5)	NA	4.1 (2.5-5.7)
% Ever Asthma	13.1 (11.1-15.2)	19.4 (13.1-25.8)	11.9 (8.1-15.6)	13.1 (9.5-16.7)	9.8 (7.1-12.5)
% Skin Cancer	6.2 (5.1-7.4)	6.1 (2.9-9.3)	5.5 (3.5-7.4)	4.7 (2.9-6.6)	10.0 (7.5-12.4)
% Other Cancer	5.1 (4.2-6.1)	5.1 (2.3-8.0)	4.6 (2.9-6.3)	3.8 (2.4-5.3)	8.0 (5.9-10.2)
% COPD	7.4 (5.9-8.9)	13.8 (8.5-19.1)	7.8 (4.9-10.7)	6.3 (4.2-8.4)	2.7 (1.5-3.8)
% Arthritis	22.8 (20.6-25.0)	28.9 (22.2-35.6)	23.5 (19.5-27.5)	20.9 (17.2-24.7)	18.6 (15.2-21.9)
% Depressive Disorder	15.8 (13.8-17.9)	24.7 (17.6-31.7)	13.9 (10.8-17.0)	15.7 (11.8-19.5)	11.6 (8.8-14.4)
% Kidney Disease	3.7 (2.7-4.7)	NA	3.2 (1.6-4.8)	3.4 (1.7-5.1)	3.4 (2.0-4.8)

TABLE 23: MEN
CHRONIC CONDITIONS AND RISK FACTORS BY INCOME

2017	OVERALL	INCOME				
		< $15,000	$15,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000+
% Diabetes	12.8 (11.0-14.6	16.1 (10.5-21.7)	14.8 (8.8-20.9)	23.5 (15.3-31.6)	15.2 (8.5-21.8)	8.9 (6.9-11.0)
% Current Smoker	25.4 (22.8-28.0)	39.2 (31.2-47.1)	35.1 (27.4-42.8)	30.9 (21.1-40.7)	24.2 (16.8-31.6)	18.2 (14.9-21.5)
% Ex Smoker	26.1 (23.7-28.5)	19.3 (13.5-25.1)	28.6 (21.2-36.1)	27.3 (18.6-36.1)	26.2 (19.2-33.2)	27.8 (24.2-31.3)
% Never Smoker	48.5 (45.7-51.4)	41.6 (33.2-50.0)	36.3 (28.9-43.7	41.8 (31.8-51.8)	49.6 (40.6-58.6)	54.1 (50.0-58.2)
% Normal Weight	25.4 (22.9-28.0)	27.5 (20.2-34.8)	36.5 (28.6-44.3)	25.4 (16.9-33.9)	24.3 (16.8-31.8)	21.7 (18.1-25.2)
% Over Weight	37.1 (34.4-39.8)	37.6 (29.6-45.7)	27.5 (21.0-34.1)	37.8 (28.0-47.6)	38.6 (30.0-47.2)	40.0 (36.0-43.9)
% Obese	36.0 (33.2-38.7	33.0 (25.4-40.5)	35.2 (27.7-42.8)	33.6 (24.1-43.2)	35.3 (26.4-44.2)	37.6 (33.7-41.6)
% MI	6.2 (5.0-7.3)	14.6 (8.8-20.4)	8.7 (5.4-12.1)	NA	NA	3.4 (2.2-4.6)
% Angina (CHD)	6.2 (5.0-7.3)	14.6 (9.1-20.2)	8.2 (4.6-11.7)	NA	NA	3.8 (2.6-4.9)
% Stroke	3.5 (2.6-4.3)	7.5 (3.6-11.4)	7.3 (4.0-10.7)	NA	NA	1.9 (1.0-2.7)
% Ever Asthma	13.1 (11.1-15.2)	19.2 (12.7-25.6)	12.4 (5.9-19.0)	16.9 (9.2-24.5)	9.0 (4.3-13.8)	11.9 (9.0-14.8)
% Skin Cancer	6.2 (5.1-7.4)	NA	4.3 (2.1-6.6)	NA	7.5 (3.6-11.4)	6.2 (4.6-7.8)
% Other Cancer	5.1 (4.2-6.1)	7.2 (3.3-11.1)	4.7 (2.4-7.1)	9.9 (4.6-15.1)	5.5 (3.0-8.0)	4.4 (3.1-5.7)
% COPD	7.4 (5.9-8.9)	16.1 (10.5-21.8)	17.4 (10.3-24.4)	NA	5.3 (2.4-8.1)	3.1 (1.9-4.3)
% Arthritis	22.8 (20.6-25.0)	33.6 (26.4-40.8)	25.9 (19.0-32.8)	28.7 (20.2-37.2)	21.4 (14.8-27.9)	18.2 (15.2-21.1)
% Depressive Disorder	15.8 (13.8-17.9)	25.6 (18.9-32.3)	19.1 (13.1-25.1)	22.0 (13.5-30.4)	18.0 (10.6-25.5)	9.5 (7.2-11.9)
% Kidney Disease	3.7 (2.7-4.7)	NA	6.0 (2.6-9.5)	NA	NA	2.7 (1.4-4.1)

TABLE 24: WOMEN
CHRONIC CONDITIONS AND RISK FACTORS BY RACE

2017	OVERALL	RACE		
		Caucasian, NH*	African American, NH	Other
% Diabetes	14.3 (12.7-16.0)	11.7 (10.0-13.4)	18.8 (15.1-22.4)	15.3 (7.8-22.9)
% Current Smoker	21.0 (18.9-23.1)	22.3 (19.7-24.9)	17.0 (13.1-20.9)	27.4 (17.4-37.3)
% Ex Smoker	20.1 (18.2-22.0)	24.8 (22.3-27.3)	11.9 (8.8-15.0)	18.3 (11.1-25.4)
% Never Smoker	58.9 (56.4-61.4)	52.9 (50.0-55.9)	71.1 (66.5-75.7)	54.4 (43.9-64.8)
% Normal Weight	30.4 (27.9-32.8)	35.2 (32.3-38.1)	22.4 (17.3-27.6)	26.5 (17.4-35.6)
% Over Weight	30.6 (28.2-33.0)	30.1 (27.3-32.9)	31.8 (26.8-36.7)	28.1 (18.7-37.4)
% Obese	36.5 (34.1-39.0)	31.9 (29.2-34.7)	44.1 (39.0-49.2)	41.9 (31.2-52.7)
% MI	4.3 (3.4-5.2)	4.0 (3.0-5.1)	3.9 (2.5-5.3)	NA
% Angina (CHD)	4.5 (3.6-5.4)	4.5 (3.4-5.6)	4.2 (2.6-5.8)	NA
% Stroke	5.8 (4.7-6.8)	5.0 (3.7-6.3)	5.6 (3.6-7.5)	11.5 (5.4-17.6)
% Ever Asthma	17.5 (15.6-19.4)	16.6 (14.4-18.8)	18.5 (14.7-22.3)	19.3 (10.5-28.1)
% Skin Cancer	4.1 (3.3-4.9)	6.4 (5.2-7.7)	NA	NA
% Other Cancer	8.6 (7.4-9.8)	10.2 (8.6-11.8)	5.6 (3.6-7.6)	NA
% COPD	10.5 (9.0-12.0)	10.8 (9.1-12.6)	8.8 (6.1-11.4)	14.9 (7.6-22.2)
% Arthritis	31.6 (29.4-33.7)	33.9 (31.2-36.5)	28.8 (24.6-33.0)	23.9 (16.1-31.6)
% Depressive Disorder	27.6 (25.4-29.7)	31.4 (28.7-34.1)	20.6 (16.8-24.5)	29.8 (20.8-38.9)
% Kidney Disease	3.9 (3.1-4.8)	4.2 (3.1-5.2)	3.2 (1.6-4.8)	NA

TABLE 25: WOMEN
CHRONIC CONDITIONS AND RISK FACTORS BY AGE

2017	OVERALL	AGE (Years)					
		18-24	25-34	35-44	45-54	55-64	65+
% Diabetes	14.3 (12.7-16.0)	NA	NA	8.8 (4.9-12.7)	17.1 (12.9-21.4)	20.0 (15.6-24.3)	24.6 (21.0-28.3)
% Current Smoker	21.0 (18.9-23.1)	19.6 (12.7-26.4)	30.2 (23.7-36.6)	25.2 (18.7-31.7)	22.5 (17.8-27.2)	21.5 (17.3-25.7)	9.4 (7.0-11.8)
% Ex Smoker	20.1 (18.2-22.0)	NA	12.1 (8.1-16.0)	15.4 (10.6-20.3)	20.0 (15.6-24.3)	28.2 (23.4-33.1)	33.0 (28.9-37.1)
% Never Smoker	58.9 (56.4-61.4)	76.3 (68.9-83.8)	57.8 (51.2-64.4)	59.4 (52.4-66.3)	57.5 (52.0-63.1)	50.3 (45.1-55.5)	57.6 (53.3-61.8)
% Normal Weight	30.4 (27.9-32.8)	43.4 (33.0-53.7)	30.4 (24.1-36.6)	29.6 (25.3-36.0)	25.0 (20.0-30.1)	26.6 (22.2-31.0)	30.7 (26.8-34.5)
% Over Weight	30.6 (28.2-33.0)	28.5 (19.8-37.1)	27.8 (21.5-34.2)	30.9 (23.8-37.9)	26.0 (21.2-30.8)	35.5 (30.4-40.5)	33.3 (29.3-37.4)
% Obese	36.5 (34.1-39.0)	25.9 (18.1-33.7)	39.0 (32.4-45.7)	37.1 (30.3-43.8)	46.3 (40.5-52.1)	36.0 (31.0-41.0)	33.2 (29.1-37.3)
% MI	4.3 (3.4-5.2)	NA	NA	NA	3.7 (1.7-5.8)	6.0 (4.0-8.0)	11.3 (8.3-14.4)
% Angina (CHD)	4.5 (3.6-5.4)	NA	NA	NA	NA	5.6 (3.7-7.6)	14.0 (10.7-17.3)
% Stroke	5.8 (4.7-6.8)	NA	NA	NA	5.8 (3.1-8.5)	6.8 (4.1-9.6)	12.5 (9.4-15.5)
% Ever Asthma	17.5 (15.6-19.4)	18.0 (11.8-24.3)	21.6 (16.1-27.1)	19.7 (14.1-25.4)	18.7 (14.5-22.9)	15.7 (11.8-19.7)	12.7 (9.9-15.5)
% Skin Cancer	4.1 (3.3-4.9)	NA	NA	NA	3.6 (1.6-5.6)	5.0 (3.1-6.8)	9.2 (7.2-11.3)
% Other Cancer	8.6 (7.4-9.8)	NA	NA	5.5 (2.4-8.6)	7.7 (4.5-10.9)	13.1 (9.9-16.4)	16.5 (13.5-19.5)
% COPD	10.5 (9.0-12.0)	NA	4.5 (1.9-7.1)	11.1 (6.1-16.0)	12.0 (8.5-15.5)	13.9 (10.0-17.7)	17.1 (13.9-20.2)
% Arthritis	31.6 (29.4-33.7)	NA	14.4 (9.7-19.1)	16.4 (11.6-21.2)	36.8 (31.4-42.3)	45.4 (40.3-50.5)	57.5 (53.3-61.6)
% Depressive Disorder	27.6 (25.4-29.7)	26.1 (18.5-33.7)	31.5 (25.7-37.3)	29.5 (23.4-35.6)	30.0 (25.0-35.0)	26.9 (22.3-31.5)	22.4 (19.0-25.8)
% Kidney Disease	3.9 (3.1-4.8)	NA	NA	NA	3.6 (1.9-5.2)	4.4 (2.3-6.5)	8.2 (6.0-10.5)

TABLE 26: WOMEN
CHRONIC CONDITIONS AND RISK FACTORS BY EDUCATION

2017	OVERALL	EDUCATION			
		No HS	HS	Some College	College
% Diabetes	14.3 (12.7-16.0)	23.6 (17.6-29.6)	14.9 (12.2-17.7)	13.3 (10.3-16.3)	8.1 (5.7-10.5)
% Current Smoker	21.0 (18.9-23.1)	32.8 (24.9-40.7)	21.4 (17.8-25.0)	24.3 (20.4-28.2)	7.5 (5.3-9.7)
% Ex Smoker	20.1 (18.2-22.0)	18.9 (13.1-24.7)	21.5 (18.2-24.8)	19.5 (16.1-22.9)	19.9 (16.6-23.1)
% Never Smoker	58.9 (56.4-61.4)	48.3 (39.8-56.8)	57.1 (52.9-61.3)	56.2 (51.7-60.7)	72.6 (69.0-76.3)
% Normal Weight	30.4 (27.9-32.8)	28.1 (19.4-36.8)	38.0 (23.9-32.2)	28.4 (24.2-32.5)	38.4 (34.2-42.7)
% Over Weight	30.6 (28.2-33.0)	30.1 (22.1-38.2)	30.2 (26.2-34.1)	32.0 (27.6-36.4)	29.3 (25.4-33.3)
% Obese	36.5 (34.1-39.0)	38.4 (30.5-46.4)	39.8 (35.5-44.1)	37.1 (32.6-41.5)	29.6 (25.8-33.5)
% MI	4.3 (3.4-5.2)	9.0 (5.2-12.8)	5.1 (3.4-6.7)	2.6 (1.6-3.6)	2.0 (1.1-2.8)
% Angina (CHD)	4.5 (3.6-5.4)	8.2 (4.4-11.9)	5.4 (3.7-7.1)	3.6 (2.4-4.8)	1.7 (0.9-2.6)
% Stroke	5.8 (4.7-6.8)	13.2 (8.3-18.1)	6.3 (4.6-8.0)	4.4 (2.9-5.9)	1.3 (0.6-2.0)
% Ever Asthma	17.5 (15.6-19.4)	24.8 (17.9-31.8)	17.5 (14.5-20.5)	16.9 (13.6-20.3)	13.1 (10.1-16.1)
% Skin Cancer	4.1 (3.3-4.9)	NA	3.8 (2.6-5.0)	4.8 (3.0-6.5)	5.3 (3.8-6.8)
% Other Cancer	8.6 (7.4-9.8)	11.6 (7.3-15.8)	6.0 (4.4-7.6)	9.8 (7.4-12.3)	8.7 (6.5-10.9)
% COPD	10.5 (9.0-12.0)	20.3 (14.3-26.2)	10.3 (8.0-12.6)	10.2 (7.7-12.6)	4.1 (2.5-5.7)
% Arthritis	31.6 (29.4-33.7)	40.8 (33.2-48.5)	33.2 (29.5-38.8)	30.8 (26.8-34.7)	23.6 (20.3-27.0)
% Depressive Disorder	27.6 (25.4-29.7)	35.7 (28.2-43.1)	26.8 (23.1-30.4)	29.6 (25.6-33.5)	20.4 (17.2-23.7)
% Kidney Disease	3.9 (3.1-4.8)	6.6 (3.0-10.2)	3.0 (1.7-4.3)	3.8 (2.6-5.1)	3.5 (2.0-5.0)

TABLE 27: WOMEN
CHRONIC CONDITIONS AND RISK FACTORS BY INCOME

2017	OVERALL	INCOME				
		< $15,000	$15,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000+
% Diabetes	14.3 (12.7-16.0)	20.6 (15.5-25.6)	18.8 (14.3-23.2)	17.5 (10.8-24.1)	9.1 (5.5-12.7)	7.9 (5.7-10.1)
% Current Smoker	21.0 (18.9-23.1)	32.6 (25.9-39.3)	27.4 (22.0-32.9)	26.6 (18.7-34.5)	17.9 (11.8-24.0)	12.4 (9.6-15.3)
% Ex Smoker	20.1 (18.2-22.0)	17.2 (12.7-21.7)	14.2 (10.3-18.1)	17.4 (11.8-23.0)	26.9 (20.4-33.4)	23.6 (20.1-27.2)
% Never Smoker	58.9 (56.4-61.4)	50.2 (43.1-57.3)	58.4 (52.5-64.3)	55.9 (47.4-64.5)	55.2 (47.5-62.9)	64.0 (59.9-68.0)
% Normal Weight	30.4 (27.9-32.8)	20.0 (13.3-26.8)	29.7 (24.2-35.1)	30.6 (22.1-39.1)	22.2 (16.0-28.4)	33.6 (29.7-37.6)
% Over Weight	30.6 (28.2-33.0)	32.6 (25.6-39.7)	30.2 (24.7-35.6)	28.2 (20.7-35.7)	33.4 (26.0-40.8)	30.9 (27.0-34.8)
% Obese	36.5 (34.1-39.0)	43.9 (36.8-50.9)	38.0 (32.4-43.6)	40.8 (32.4-49.2)	43.4 (35.5-51.3)	32.9 (28.9-36.9)
% MI	4.3 (3.4-5.2)	4.9 (2.8-7.1)	3.7 (2.1-5.2)	NA	NA	1.7 (0.8-2.6)
% Angina (CHD)	4.5 (3.6-5.4)	7.5 (4.4-10.7)	4.9 (3.0-6.8)	NA	NA	1.7 (0.7-2.6)
% Stroke	5.8 (4.7-6.8)	9.6 (6.1-13.1)	7.4 (4.6-10.2)	4.9 (2.1-7.6)	NA	1.6 (0.7-2.5)
% Ever Asthma	17.5 (15.6-19.4)	19.8 (14.5-25.2)	29.0 (23.4-34.6)	10.4 (5.6-15.2)	16.1 (10.3-21.9)	12.4 (9.6-15.2)
% Skin Cancer	4.1 (3.3-4.9)	NA	3.0 (1.7-4.2)	5.0 (2.4-7.5)	5.7 (2.4-8.9)	4.7 (3.1-6.2)
% Other Cancer	8.6 (7.4-9.8)	8.6 (5.2-12.0)	8.7 (6.0-11.4)	8.2 (4.0-12.4)	10.2 (6.2-14.2)	7.3 (5.4-9.3)
% COPD	10.5 (9.0-12.0)	14.8 (10.4-19.2)	14.1 (10.1-18.1)	8.3 (3.5-13.2)	8.7 (5.2-12.2)	4.7 (2.9-6.5)
% Arthritis	31.6 (29.4-33.7)	36.3 (29.9-42.6)	35.7 (30.5-41.0)	37.2 (29.2-45.3)	34.3 (27.4-41.2)	23.8 (20.4-27.1)
% Depressive Disorder	27.6 (25.4-29.7)	37.5 (30.8-44.1)	30.7 (25.4-35.9)	27.2 (19.9-34.6)	29.0 (21.9-36.0)	20.5 (17.3-23.6)
% Kidney Disease	3.9 (3.1-4.8)	4.7 (2.0-7.5)	4.3 (2.4-6.2)	NA	NA	2.7 (1.4-4.1)

TABLE 28: CAUCASIANS
CHRONIC CONDITIONS AND RISK FACTORS BY AGE

2017	OVERALL	AGE (Years)					
		18-24	25-34	35-44	45-54	55-64	65+
% Diabetes	11.7 (10.4-13.1)	NA	NA	4.2 (1.9-6.5)	14.0 (9.9-18.1)	16.6 (13.2-19.9)	23.0 (19.7-26.3)
% Current Smoker	22.7 (20.8-24.7)	25.1 (18.0-32.3)	32.9 (27.1-38.6)	28.5 (22.8-34.2)	26.5 (21.7-31.2)	20.3 (16.5-24.0)	10.1 (7.7-12.4)
% Ex Smoker	26.8 (24.9-28.7)	7.6 (3.2-12.0)	20.5 (15.8-25.3)	25.9 (20.6-31.2)	23.3 (19.1-27.4)	33.4 (28.9-37.9)	37.9 (34.1-41.6)
% Never Smoker	50.4 (48.2-52.6)	67.3 (59.5-75.0)	48.6 (40.7-52.5)	45.6 (39.7-51.6)	50.3 (45.0-55.5)	46.3 (41.6-51.0)	52.1 (48.2-55.9)
% Normal Weight	29.4 (27.4-31.5)	48.2 (40.1-56.4)	33.7 (27.9-39.5)	27.4 (21.9-32.8)	23.4 (19.0-27.8)	23.2 (19.4-26.9)	28.2 (24.7-31.7)
% Over Weight	35.0 (32.9-37.1)	28.3 (21.0-35.5)	32.3 (26.7-37.8)	36.7 (30.9-42.6)	31.0 (26.3-35.7)	37.8 (33.2-42.4)	39.7 (35.9-43.5)
% Obese	33.5 (31.4-35.6)	20.7 (13.9-27.5)	31.6 (26.0-37.2)	33.9 (28.2-39.6)	43.3 (38.0-48.7)	37.1 (32.5-41.7)	30.7 (27.1-34.3)
% MI	5.2 (4.3-6.1)	NA	NA	NA	4.4 (2.4-6.4)	8.7 (6.0-11.5)	11.2 (8.7-13.8)
% Angina (CHD)	5.6 (4.7-6.5)	NA	NA	NA	NA	8.7 (6.2-11.2)	13.2 (10.6-15.8)
% Stroke	4.0 (3.2-4.8)	NA	NA	NA	NA	4.6 (2.6-6.5)	9.1 (6.9-11.3)
% Ever Asthma	14.3 (12.7-15.8)	20.3 (13.5-27.0)	21.0 (16.2-25.8)	14.2 (10.1-18.4)	16.1 (12.4-19.9)	9.9 (7.3-12.5)	8.8 (6.8-10.8)
% Skin Cancer	8.0 (7.0-9.1)	NA	NA	NA	5.2 (3.0-7.4)	9.8 (7.2-12.5)	19.9 (16.9-23.0)
% Other Cancer	8.3 (7.2-9.3)	NA	NA	NA	4.9 (2.8-7.1)	10.6 (7.9-13.4)	18.8 (16.0-21.6)
% COPD	9.0 (7.8-10.1)	NA	5.4 (2.8-8.0)	6.7 (3.1-10.2)	10.9 (7.8-14.0)	10.3 (7.6-13.0)	14.3 (11.8-16.9)
% Arthritis	29.2 (27.3-31.0)	NA	17.4 (12.7-22.1)	15.7 (11.5-19.9)	28.9 (24.3-33.5)	39.2 (34.6-43.7)	50.0 (46.2-53.8)
% Depressive Disorder	24.1 (22.2-26.0)	25.8 (19.0-32.6)	30.5 (25.1-36.0)	21.9 (17.1-26.8)	26.2 (21.3-31.1)	21.1 (17.5-24.7)	21.0 (18.0-24.1)
% Kidney Disease	3.9 (3.1-4.7)	NA	NA	NA	3.4 (1.9-5.0)	6.2 (3.9-8.6)	7.0 (5.1-8.9)

TABLE 29: CAUCASIANS
CHRONIC CONDITIONS AND RISK FACTORS BY EDUCATION

2017	OVERALL	EDUCATION			
		No HS	HS	Some College	College
% Diabetes	11.7 (10.4-13.1)	17.1 (11.2-22.9)	13.3 (11.0-15.7)	10.7 (8.5-13.0)	8.0 (6.2-9.8)
% Current Smoker	22.7 (20.8-24.7)	38.7 (30.8-46.5)	25.6 (22.2-29.0)	24.8 (21.2-28.4)	9.0 (7.0-11.0)
% Ex Smoker	26.8 (24.9-28.7)	25.4 (19.0-31.7)	27.9 (24.5-31.3)	26.6 (23.1-30.1)	26.2 (23.1-29.3)
% Never Smoker	50.4 (48.2-52.6)	36.0 (28.0-43.9)	46.5 (42.6-50.3)	48.6 (44.5-52.7)	64.8 (61.4-68.1)
% Normal Weight	29.4 (27.4-31.5)	28.6 (21.2-35.9)	26.3 (22.8-29.9)	30.0 (26.2-33.8)	33.4 (30.0-36.8)
% Over Weight	35.0 (32.9-37.1)	31.9 (24.6-39.3)	35.5 (31.8-39.2)	33.1 (29.3-37.0)	38.0 (34.6-41.5)
% Obese	33.5 (31.4-35.6)	36.2 (28.4-44/0)	36.4 (32.7-40.1)	34.6 (30.7-38.6)	26.9 (23.9-30.0)
% MI	5.2 (4.3-6.1)	11.1 (6.8-15.5)	5.7 (4.1-7.4)	3.5 (2.4-4.6)	3.5 (2.4-4.7)
% Angina (CHD)	5.6 (4.7-6.5)	11.0 (6.6-15.5)	6.0 (4.3-7.6)	4.3 (3.0-5.5)	4.0 (2.8-5.1)
% Stroke	4.0 (3.2-4.8)	7.6 (3.6-11.6)	4.3 (2.9-5.7)	3.2 (2.0-4.4)	2.8 (1.7-3.8)
% Ever Asthma	14.3 (12.7-15.8)	24.9 (18.1-31.8)	13.2 (10.7-15.8)	14.3 (11.4-17.1)	10.5 (8.5-12.6)
% Skin Cancer	8.0 (7.0-9.1)	7.6 (3.9-11.2)	7.6 (5.8-9.5)	7.0 (5.2-8.9)	9.9 (8.0-11.8)
% Other Cancer	8.3 (7.2-9.3)	10.2 (6.0-14.5)	6.5 (5.0-8.1)	8.5 (6.6-10.5)	9.2 (7.3-11.1)
% COPD	9.0 (7.8-10.1)	19.9 (14.2-25.5)	9.3 (7.3-11.3)	9.3 (7.3-11.3)	2.9 (1.9-3.8)
% Arthritis	29.2 (27.3-31.0)	37.3 (30.1-44.5)	31.5 (28.2-34.8)	30.0 (26.4-33.5)	21.0 (18.5-23.6)
% Depressive Disorder	24.1 (22.2-26.0)	39.7 (31.9-47.5)	20.5 (17.6-23.4)	25.9 (22.5-29.4)	19.2 (16.5-21.9)
% Kidney Disease	3.9 (3.1-4.7)	NA	3.2 (1.9-4.6)	4.0 (2.7-5.3)	3.8 (2.4-5.1)

TABLE 30: CAUCASIANS
CHRONIC CONDITIONS AND RISK FACTORS BY INCOME

2017	OVERALL	INCOME				
		< $15,000	$15,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000+
% Diabetes	11.7 (10.4-13.1)	22.0 (16.1-28.0)	15.0 (11.3-18.6)	15.0 (10.0-20.0)	13.8 (8.0-19.5)	7.3 (5.9-8.8)
% Current Smoker	22.7 (20.8-24.7)	38.2 (30.9-45.4)	33.1 (27.0-39.1)	29.5 (21.8-37.2)	21.9 (16.1-27.6)	16.2 (13.7-18.7)
% Ex Smoker	26.8 (24.9-28.7)	21.8 (16.1-27.6)	24.5 (19.5-29.4)	25.4 (19.0-31.7)	33.4 (27.1-39.7)	28.5 (25.6-31.3)
% Never Smoker	50.4 (48.2-52.6)	40.0 (32.5-47.4)	42.5 (36.5-48.5)	45.1 (37.4-52.8)	44.7 (37.9-51.6)	55.3 (52.1-58.5)
% Normal Weight	29.4 (27.4-31.5)	22.7 (16.8-28.7)	33.7 (27.8-39.6)	30.8 (23.3-38.2)	26.9 (20.8-33.0)	28.0 (25.1-31.0)
% Over Weight	35.0 (32.9-37.1)	35.2 (27.8-42.6)	32.1 (26.3-37.9)	33.2 (26.0-40.4)	35.3 (28.8-41.8)	36.7 (33.6-39.7)
% Obese	33.5 (31.4-35.6)	38.5 (31.1-45.9)	32.4 (26.9-38.0)	34.4 (27.2-41.6)	35.9 (29.2-42.7)	33.8 (30.7-36.9)
% MI	5.2 (4.3-6.1)	8.2 (4.9-11.5)	7.7 (5.0-10.3)	NA	7.0 (3.2-10.8)	2.7 (1.8-3.5)
% Angina (CHD)	5.6 (4.7-6.5)	12.0 (7.3-16.7)	8.3 (5.3-11.3)	5.7 (2.6-8.9)	7.2 (3.9-10.5)	2.8 (2.0-3.7)
% Stroke	4.0 (3.2-4.8)	8.4 (4.0-12.8)	8.5 (5.2-11.9)	4.2 (1.8-6.6)	NA	1.9 (1.1-2.7)
% Ever Asthma	14.3 (12.7-15.8)	21.5 (15.3-27.8)	20.3 (15.4-25.2)	15.1 (9.1-21.0)	11.2 (7.2-15.1)	10.8 (8.7-12.8)
% Skin Cancer	8.0 (7.0-9.1)	6.0 (2.7-9.3)	7.2 (4.7-9.7)	10.7 (6.1-15.4)	10.1 (6.1-14.2)	7.3 (5.8-8.8)
% Other Cancer	8.3 (7.2-9.3)	10.9 (6.4-15.4)	9.8 (6.8-12.9)	11.8 (7.2-16.3)	9.8 (6.5-13.0)	6.1 (4.8-7.4)
% COPD	9.0 (7.8-10.1)	22.1 (16.1-28.0)	15.8 (11.7-19.8)	8.7 (4.1-13.2)	8.6 (5.4-11.8)	3.2 (2.3-4.1)
% Arthritis	29.2 (27.3-31.0)	42.4 (35.2-49.6)	37.0 (31.5-42.5)	37.1 (29.9-44.4)	32.5 (26.4-38.5)	20.8 (18.4-23.3)
% Depressive Disorder	24.1 (22.2-26.0)	44.6 (37.2-52.1)	34.1 (28.4-39.8)	25.9 (19.0-32.9)	26.4 (19.9-32.9)	15.5 (13.3-17.7)
% Kidney Disease	3.9 (3.1-4.7)	NA	5.1 (2.7-7.6)	6.3 (2.9-9.6)	NA	3.3 (2.0-4.5)

TABLE 31: AFRICAN AMERICANS
CHRONIC CONDITIONS AND RISK FACTORS BY AGE

2017	OVERALL	AGE (Years)					
		18-24	25-34	35-44	45-54	55-64	65+
% Diabetes	16.7 (14.1-19.3)	NA	NA	10.4 (4.9-16.0)	20.2 (13.3-27.2)	31.7 (24.4-38.9)	33.7 (26.3-41.2)
% Current Smoker	20.7 (17.6-23.9)	NA	20.2 (12.6-27.8)	23.4 (15.2-31.6)	24.9 (17.4-32.4)	22.9 (16.3-29.5)	15.9 (9.4-22.4)
% Ex Smoker	16.4 (13.6-19.3)	NA	NA	NA	12.4 (7.0-17.7)	30.9 (23.4-38.4)	34.3 (26.3-42.3)
% Never Smoker	62.8 (59.1-66.6)	83.5 (74.1-92.8)	67.5 (58.3-76.8)	67.4 (58.3-76.5)	62.7 (54.3-71.2)	46.2 (38.6-53.7)	49.8 (41.5-58.0)
% Normal Weight	23.9 (20.2-27.6)	45.5 (31.1-59.8)	25.8 (17.4-34.2)	13.8 (7.6-20.0)	17.7 (10.8-24.6)	22.1 (15.3-28.9)	22.0 (15.7-28.2)
% Over Weight	32.0 (28.3-35.7)	36.0 (22.9-49.1)	30.9 (22.2-39.6)	37.2 (27.6-46.9)	28.3 (20.5-36.1)	31.2 (24.5-37.9)	27.2 (20.0-34.4)
% Obese	42.2 (38.3-46.1)	18.5 (9.5-27.5)	39.2 (30.1-48.2)	48.0 (38.3-57.8)	53.7 (44.8-62.7)	46.0 (38.5-53.6)	45.7 (37.5-53.8)
% MI	4.5 (3.2-5.7)	NA	NA	NA	7.6 (3.2-11.9)	7.2 (4.0-10.4)	13.4 (7.9-18.8)
% Angina (CHD)	3.9 (2.7-5.1)	NA	NA	NA	NA	5.9 (3.1-8.7)	14.0 (8.2-19.8)
% Stroke	5.5 (4.1-7.0)	NA	NA	NA	7.1 (3.1-11.1)	10.4 (5.8-15.0)	15.3 (9.5-21.1)
% Ever Asthma	17.2 (14.3-20.1)	22.0 (12.1-31.9)	18.9 (11.9-26.0)	18.2 (11.1-25.4)	13.4 (7.9-19.0)	17.4 (11.4-23.6)	12.1 (7.0-17.1)
% Skin Cancer	NA	NA	NA	NA	NA	NA	NA
% Other Cancer	4.4 (3.1-5.7)	NA	NA	NA	NA	7.8 (3.8-11.8)	13.1 (7.9-18.3)
% COPD	7.8 (5.9-9.7)	NA	NA	NA	NA	14.5 (8.7-20.4)	14.8 (9.3-20.3)
% Arthritis	25.1 (22.0-28.1)	NA	NA	14.7 (8.3-21.1)	34.1 (26.0-42.3)	45.1 (37.6-52.7)	61.2 (53.6-68.7)
% Depressive Disorder	16.8 (14.1-19.6)	NA	12.3 (7.0-17.5)	21.7 (14.2-29.2)	18.5 (12.1-25.0)	20.8 (14.1-27.5)	16.5 (10.9-22.1)
% Kidney Disease	3.3 (2.1-4.5)	NA	NA	NA	NA	4.0 (1.7-6.2)	11.3 (6.5-16.2)

TABLE 32: AFRICAN AMERICANS
CHRONIC CONDITIONS AND RISK FACTORS BY EDUCATION

2017	OVERALL	EDUCATION			
		No HS	HS	Some College	College
% Diabetes	16.7 (14.1-19.3)	22.1 (15.7-28.5)	16.3 (12.0-20.5)	14.5 (9.5-19.5)	12.4 (8.1-16.8)
% Current Smoker	20.7 (17.6-23.9)	29.4 (20.8-37.9)	24.3 (18.9-29.7)	17.0 (12.0-22.0)	NA
% Ex Smoker	16.4 (13.6-19.3)	22.5 (14.7-30.4)	15.4 (11.2-19.6)	14.5 (9.4-19.6)	12.0 (7.6-16.5)
% Never Smoker	62.8 (59.1-66.6)	48.1 (38.3-57.9)	60.3 (54.1-66.5)	68.5 (61.9-75.0)	84.2 (79.0-89.3)
% Normal Weight	23.9 (20.2-27.6)	30.9 (20.8-40.9)	25.5 (19.5-31.5)	18.4 (12.9-24.0)	19.1 (13.0-25.1)
% Over Weight	32.0 (28.3-35.7)	39.0 (21.1-40.0)	28.5 (22.6-34.3)	36.6 (29.4-43.8)	34.9 (27.6-42.2)
% Obese	42.2 (38.3-46.1)	36.3 (27.5-45.1)	44.0 (37.4-50.6)	43.7 (36.5-50.9)	45.0 (37.5-52.5)
% MI	4.5 (3.2-5.7)	7.2 (3.5-11.0)	3.9 (2.2-5.6)	NA	3.6 (1.6-5.6)
% Angina (CHD)	3.9 (2.7-5.1)	4.4 (1.8-7.0)	4.4 (2.2-6.7)	NA	NA
% Stroke	5.5 (4.1-7.0)	10.1 (5.6-14.6)	6.1 (3.8-8.4)	NA	NA
% Ever Asthma	17.2 (14.3-20.1)	20.7 (13.2-28.2)	16.2 (11.8-20.5)	17.8 (12.4-23.2)	12.4 (7.4-17.4)
% Skin Cancer	NA	NA	NA	NA	NA
% Other Cancer	4.4 (3.1-5.7)	5.4 (2.2-8.6)	2.7 (1.2-4.2)	NA	6.6 (3.5-9.7)
% COPD	7.8 (5.9-9.7)	12.9 (7.2-18.6)	7.4 (4.8-10.1)	5.5 (2.6-8.4)	4.1 (1.7-6.5)
% Arthritis	25.1 (22.0-28.1)	34.3 (26.2-42.5)	24.3 (19.7-28.9)	19.3 (14.2-24.5)	21.9 (15.8-27.9)
% Depressive Disorder	16.8 (14.1-19.6)	21.0 (14.0-28.0)	18.5 (13.9-23.1)	14.9 (10.1-19.6)	8.8 (4.9-12.7)
% Kidney Disease	3.3 (2.1-4.5)	NA	2.7 (1.2-4.1)	NA	NA

TABLE 33: AFRICAN AMERICANS
CHRONIC CONDITIONS AND RISK FACTORS BY INCOME

2017	OVERALL	INCOME				
		< $15,000	$15,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000+
% Diabetes	16.7 (14.1-19.3)	17.0 (11.6-22.4)	18.5 (12.5-24.5)	30.7 (18.6-42.8)	NA	12.5 (7.9-17.1)
% Current Smoker	20.7 (17.6-23.9)	33.7 (25.7-41.6)	22.9 (16.4-29.4)	21.3 (11.7-30.9)	NA	8.1 (3.9-12.3)
% Ex Smoker	16.4 (13.6-19.3)	12.6 (8.2-17.0)	17.3 (10.8-23.8)	NA	11.2 (4.9-17.5)	20.6 (13.9-27.2)
% Never Smoker	62.8 (59.1-66.6)	53.7 (45.4-62.1)	59.8 (52.0-67.6)	62.5 (50.1-74.9)	71.9 (60.5-83.3)	71.3 (64.1-78.5)
% Normal Weight	23.9 (20.2-27.6)	22.7 (14.7-30.8)	29.3 (21.5-37.1)	23.0 (10.9-35.2)	NA	19.6 (13.2-26.0)
% Over Weight	32.0 (28.3-35.7)	36.9 (28.6-45.2)	26.2 (19.3-33.2)	31.9 (19.8-44.0)	39.2 (25.5-52.9)	32.2 (25.0-39.4)
% Obese	42.2 (38.3-46.1)	38.2 (30.4-45.9)	42.9 (35.2-50.7)	45.1 (32.1-58.0)	51.0 (37.0-64.9)	46.4 (38.6-54.2)
% MI	4.5 (3.2-5.7)	5.3 (2.4-8.1)	4.8 (2.1-7.4)	NA	NA	NA
% Angina (CHD)	3.9 (2.7-5.1)	7.5 (3.9-11.1)	4.2 (1.8-6.6)	NA	NA	NA
% Stroke	5.5 (4.1-7.0)	7.8 (4.5-11.2)	6.5 (3.4-9.7)	NA	NA	NA
% Ever Asthma	17.2 (14.3-20.1)	18.8 (12.5-25.1)	21.8 (14.9-28.7)	NA	NA	16.2 (10.4-21.9)
% Skin Cancer	NA	NA	NA	NA	NA	NA
% Other Cancer	4.4 (3.1-5.7)	NA	NA	NA	NA	NA
% COPD	7.8 (5.9-9.7)	8.9 (5.0-12.8)	13.0 (7.3-18.7)	NA	NA	NA
% Arthritis	25.1 (22.0-28.1)	28.8 (22.2-35.5)	26.7 (20.2-33.2)	29.4 (17.9-40.9)	18.9 (9.4-28.5)	20.5 (14.7-26.2)
% Depressive Disorder	16.8 (14.1-19.6)	23.8 (17.3-30.3)	13.9 (6.7-19.2)	21.7 (11.6-31.7)	NA	8.3 (4.5-12.2)
% Kidney Disease	3.3 (2.1-4.5)	NA	5.4 (2.4-8.3)	NA	NA	NA

APPENDIX C

Live Births by Parish

Louisiana, 2017

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
ACADIA	ALL	853	<5	62	258	302	152	62	15	-	<5
	WHITE	600	-	33	172	220	115	48	11	-	<5
	BLACK	206	<5	22	73	63	31	12	<5	-	-
	OTHER	47	-	7	13	19	6	<5	-	-	-
ALLEN	ALL	331	-	29	107	117	49	25	<5	-	-
	WHITE	263	-	22	80	95	42	21	<5	-	-
	BLACK	52	-	5	20	18	7	<5	<5	-	-
	OTHER	16	-	<5	7	<5	-	<5	-	-	-
ASCENSION	ALL	1,700	-	88	331	564	492	193	30	<5	-
	WHITE	1,101	-	33	197	383	339	128	20	<5	-
	BLACK	421	-	35	99	125	112	43	6	<5	-
	OTHER	178	-	20	35	56	41	22	<5	-	-
ASSUMPTION	ALL	255	<5	21	73	87	46	21	6	-	-
	WHITE	135	-	14	32	48	27	12	<5	-	-
	BLACK	104	-	<5	38	33	18	7	<5	-	-
	OTHER	16	<5	<5	<5	6	<5	<5	-	-	-
AVOYELLES	ALL	530	<5	74	176	156	84	33	5	-	-
	WHITE	317	<5	46	100	97	51	20	<5	-	-
	BLACK	199	<5	25	72	56	32	10	<5	-	-
	OTHER	14	-	<5	<5	<5	<5	<5	-	-	-
BEAUREGARD	ALL	529	-	47	174	164	88	45	8	-	<5
	WHITE	458	-	41	151	150	69	38	6	-	<5
	BLACK	40	-	<5	15	9	10	<5	-	-	-
	OTHER	31	-	<5	8	5	9	<5	<5	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	AGE GROUP								
			< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
BIENVILLE	ALL	157	-	16	58	45	27	10	<5	-	-
	WHITE	76	-	9	24	22	14	7	-	-	-
	BLACK	75	-	6	31	22	12	<5	<5	-	-
	OTHER	6	-	<5	<5	<5	<5	-	-	-	-
BOSSIER	ALL	1,623	<5	87	408	537	397	154	27	<5	8
	WHITE	992	<5	44	219	336	277	95	15	<5	<5
	BLACK	423	<5	33	132	142	80	27	6	-	<5
	OTHER	208	-	10	57	59	40	32	6	<5	<5
CADDO	ALL	3,228	<5	288	893	959	707	309	48	<5	19
	WHITE	1,173	-	46	256	368	329	144	18	<5	11
	BLACK	1,828	<5	222	607	522	309	133	24	<5	8
	OTHER	227	-	20	30	69	69	32	6	<5	-
CALCASIEU	ALL	2,983	<5	270	893	907	605	249	40	<5	16
	WHITE	1,813	<5	154	489	595	382	151	27	<5	13
	BLACK	930	<5	95	350	242	166	70	5	-	<5
	OTHER	240	-	21	54	70	57	28	8	-	<5
CALDWELL	ALL	131	-	15	52	39	20	<5	<5	-	-
	WHITE	114	-	14	47	35	13	<5	<5	-	-
	BLACK	14	-	-	5	<5	6	-	-	-	-
	OTHER	<5	-	<5	-	<5	<5	-	-	-	-
CAMERON	ALL	80	-	6	23	27	11	9	<5	-	<5
	WHITE	73	-	<5	21	25	11	9	<5	-	<5
	BLACK	<5	-	-	<5	-	-	-	-	-	-
	OTHER	6	-	<5	<5	<5	-	-	<5	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
CATAHOULA	ALL	117	-	<5	25	17	14	<5	<5	-	57
	WHITE	83	-	<5	21	14	13	<5	<5	-	31
	BLACK	34	-	-	<5	<5	<5	-	-	-	26
CLAIBORNE	ALL	134	-	10	45	43	26	9	-	-	<5
	WHITE	52	-	<5	13	14	13	8	-	-	<5
	BLACK	78	-	7	30	28	12	<5	-	-	-
	OTHER	<5	-	-	<5	<5	<5	-	-	-	-
CONCORDIA	ALL	253	-	<5	11	12	<5	<5	-	-	223
	WHITE	129	-	<5	<5	9	<5	<5	-	-	111
	BLACK	115	-	<5	8	<5	-	-	-	-	103
	OTHER	9	-	-	-	-	-	-	-	-	9
DESOTO	ALL	323	<5	23	92	108	69	22	5	<5	<5
	WHITE	174	-	10	42	60	48	11	<5	-	<5
	BLACK	135	<5	9	46	44	19	11	<5	<5	-
	OTHER	14	-	<5	<5	<5	<5	-	-	-	-
E BATON ROUGE	ALL	5,963	8	408	1,431	1,731	1,616	650	104	10	5
	WHITE	1,989	-	49	265	582	763	293	33	<5	<5
	BLACK	3,159	6	297	1,000	923	625	253	47	5	<5
	OTHER	815	<5	62	166	226	228	104	24	<5	<5
EAST CARROLL	ALL	87	<5	11	29	26	9	6	-	-	5
	WHITE	19	-	<5	<5	11	<5	-	-	-	<5
	BLACK	67	<5	9	27	15	7	6	-	-	<5
	OTHER	<5	-	-	<5	-	-	-	-	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	AGE GROUP								
			< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
E FELICIANA	ALL	205	<5	10	65	65	40	20	<5	-	-
	WHITE	102	-	5	27	40	19	9	<5	-	-
	BLACK	95	<5	5	37	22	19	10	<5	-	-
	OTHER	8	-	-	<5	<5	<5	<5	<5	-	-
EVANGELINE	ALL	470	-	40	169	135	90	28	7	<5	-
	WHITE	309	-	19	118	88	59	20	5	-	-
	BLACK	149	-	21	48	45	25	7	<5	<5	-
	OTHER	12	-	-	<5	<5	6	<5	-	-	-
FRANKLIN	ALL	278	<5	25	89	74	47	11	<5	-	30
	WHITE	159	-	16	52	43	24	6	<5	-	17
	BLACK	118	<5	9	37	31	23	5	-	-	12
	OTHER	<5	-	-	-	-	-	-	-	-	<5
GRANT	ALL	240	-	26	86	72	37	16	<5	-	<5
	WHITE	206	-	23	78	60	27	16	<5	-	<5
	BLACK	29	-	<5	7	9	10	-	-	-	-
	OTHER	5	-	-	<5	<5	-	-	<5	-	-
IBERIA	ALL	989	-	75	303	333	188	75	14	<5	-
	WHITE	500	-	24	131	202	106	31	5	<5	-
	BLACK	401	-	41	151	106	64	31	8	-	-
	OTHER	88	-	10	21	25	18	13	<5	-	-
IBERVILLE	ALL	367	<5	23	112	121	73	30	6	-	<5
	WHITE	160	-	11	40	62	32	13	<5	-	<5
	BLACK	192	<5	9	67	57	38	15	5	-	-
	OTHER	15	-	<5	5	<5	<5	<5	-	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	AGE GROUP								
			< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
JACKSON	ALL	162	-	20	41	37	47	16	<5	-	-
	WHITE	111	-	13	26	28	34	10	-	-	-
	BLACK	46	-	7	13	8	13	<5	<5	-	-
	OTHER	5	-	-	<5	<5	-	<5	-	-	-
JEFFERSON	ALL	5,832	7	318	1,229	1,768	1,613	739	141	9	8
	WHITE	2,436	<5	79	394	742	787	361	61	8	<5
	BLACK	1,837	<5	116	504	623	389	168	32	-	<5
	OTHER	1,559	<5	123	331	403	437	210	48	<5	<5
JEFF DAVIS	ALL	399	-	28	124	130	77	32	7	-	<5
	WHITE	316	-	23	92	107	58	28	7	-	<5
	BLACK	67	-	<5	29	16	15	<5	-	-	-
	OTHER	16	-	<5	<5	7	<5	-	-	-	-
LAFAYETTE	ALL	3,336	<5	168	722	1,055	927	389	61	<5	7
	WHITE	1,971	-	53	314	663	648	253	34	<5	5
	BLACK	992	<5	93	336	273	167	103	15	<5	<5
	OTHER	373	<5	22	72	119	112	33	12	<5	<5
LAFOURCHE	ALL	1,203	<5	78	292	425	288	108	9	-	<5
	WHITE	845	-	48	174	312	220	84	6	-	<5
	BLACK	240	<5	21	84	78	38	15	<5	-	<5
	OTHER	118	-	9	34	35	30	9	<5	-	-
LASALLE	ALL	182	-	20	58	55	35	8	<5	-	5
	WHITE	162	-	18	53	50	30	6	<5	-	<5
	BLACK	13	-	<5	<5	<5	<5	<5	-	-	<5
	OTHER	7	-	<5	<5	<5	<5	-	-	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
LINCOLN	ALL	544	<5	47	155	162	130	41	5	-	<5
	WHITE	267	-	12	62	87	78	25	<5	-	<5
	BLACK	224	<5	28	85	56	40	10	<5	-	<5
	OTHER	53	-	7	8	19	12	6	<5	-	-
LIVINGSTON	ALL	1,826	<5	129	440	619	439	173	23	<5	<5
	WHITE	1,535	-	114	369	532	367	134	18	-	<5
	BLACK	158	-	7	41	55	39	16	-	-	-
	OTHER	133	<5	8	30	32	33	23	5	<5	-
MADISON	ALL	164	<5	16	52	45	25	6	<5	-	15
	WHITE	38	-	<5	9	8	6	<5	-	-	11
	BLACK	121	<5	14	42	36	17	<5	<5	-	<5
	OTHER	5	-	-	<5	<5	<5	<5	-	-	-
MOREHOUSE	ALL	342	-	46	114	103	60	13	6	-	-
	WHITE	146	-	8	41	50	33	10	<5	-	-
	BLACK	190	-	38	72	50	25	<5	<5	-	-
	OTHER	6	-	-	<5	<5	<5	-	-	-	-
NATCHITOCHES	ALL	487	<5	40	141	176	87	28	9	<5	<5
	WHITE	210	<5	17	59	80	39	7	5	<5	<5
	BLACK	259	<5	23	79	90	42	18	<5	-	<5
	OTHER	18	-	-	<5	6	6	<5	-	-	-
ORLEANS	ALL	4,607	<5	222	922	1,219	1,378	703	137	11	12
	WHITE	1,283	-	10	60	194	624	326	61	5	<5
	BLACK	2,768	<5	165	779	889	592	275	54	<5	8
	OTHER	556	-	47	83	136	162	102	22	<5	<5

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	AGE GROUP								
			< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
OUACHITA	ALL	2,149	<5	173	657	676	436	179	23	-	<5
	WHITE	1,048	-	49	305	343	248	91	8	-	<5
	BLACK	980	<5	112	321	301	165	70	10	-	-
	OTHER	121	-	12	31	32	23	18	5	-	-
PLAQUEMINES	ALL	280	-	14	65	89	68	35	6	<5	<5
	WHITE	162	-	10	35	59	36	18	<5	-	<5
	BLACK	60	-	<5	18	13	16	9	<5	-	-
	OTHER	58	-	<5	12	17	16	8	<5	<5	-
POINTE COUPEE	ALL	249	-	16	83	75	51	22	<5	-	-
	WHITE	133	-	5	39	45	30	12	<5	-	-
	BLACK	108	-	11	41	29	19	8	-	-	-
	OTHER	8	-	-	<5	<5	<5	<5	-	-	-
RAPIDES	ALL	1,720	<5	157	490	538	364	137	23	<5	7
	WHITE	918	<5	74	243	287	215	78	16	-	<5
	BLACK	684	<5	77	222	210	119	47	<5	<5	<5
	OTHER	118	-	6	25	41	30	12	<5	-	<5
RED RIVER	ALL	111	-	13	39	28	25	<5	<5	-	-
	WHITE	57	-	9	14	20	11	<5	<5	-	-
	BLACK	49	-	<5	22	6	14	<5	<5	-	-
	OTHER	5	-	-	<5	<5	-	-	-	-	-
RICHLAND	ALL	265	<5	26	96	76	44	18	<5	-	<5
	WHITE	129	<5	12	44	41	20	9	-	-	<5
	BLACK	130	-	14	48	35	24	7	<5	-	<5
	OTHER	6	-	-	<5	-	-	<5	-	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
SABINE	ALL	264	-	26	82	79	53	15	5	-	<5
	WHITE	179	-	15	57	56	34	9	5	-	<5
	BLACK	48	-	<5	14	14	13	<5	-	-	<5
	OTHER	37	-	7	11	9	6	<5	-	-	-
ST BERNARD	ALL	640	<5	32	166	210	162	58	8	<5	<5
	WHITE	340	<5	12	87	114	92	29	<5	<5	<5
	BLACK	195	-	16	54	67	40	14	<5	-	<5
	OTHER	105	-	<5	25	29	30	15	<5	-	-
ST CHARLES	ALL	596	<5	27	126	201	158	74	9	-	-
	WHITE	363	-	16	54	127	111	47	8	-	-
	BLACK	197	<5	11	65	62	38	19	<5	-	-
	OTHER	36	-	-	7	12	9	8	-	-	-
ST HELENA	ALL	107	-	8	32	34	27	<5	<5	<5	-
	WHITE	45	-	6	13	14	10	<5	-	<5	-
	BLACK	61	-	<5	19	20	17	<5	<5	-	-
	OTHER	<5	-	-	-	-	-	-	<5	-	-
ST JAMES	ALL	294	-	8	71	96	80	34	<5	-	<5
	WHITE	136	-	<5	19	52	47	16	-	-	<5
	BLACK	148	-	7	51	39	31	16	<5	-	-
	OTHER	10	-	-	<5	5	<5	<5	-	-	-
ST JOHN	ALL	549	-	28	138	177	125	62	15	<5	<5
	WHITE	142	-	<5	24	52	36	19	6	-	<5
	BLACK	365	-	24	104	111	76	39	9	<5	<5
	OTHER	42	-	-	10	14	13	<5	-	<5	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	AGE GROUP								
			< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
ST LANDRY	ALL	1,181	<5	103	356	390	213	103	12	<5	-
	WHITE	591	-	47	154	204	110	66	8	<5	-
	BLACK	534	<5	51	191	166	85	35	<5	-	-
	OTHER	56	-	5	11	20	18	<5	-	-	-
ST MARTIN	ALL	700	<5	44	220	218	153	57	6	-	<5
	WHITE	420	-	26	109	144	103	37	<5	-	-
	BLACK	239	<5	16	98	63	41	16	<5	-	-
	OTHER	41	-	<5	13	11	9	<5	<5	-	<5
ST MARY	ALL	705	-	49	231	233	128	56	7	<5	-
	WHITE	359	-	20	117	136	63	20	<5	-	-
	BLACK	228	-	21	82	68	37	17	<5	<5	-
	OTHER	118	-	8	32	29	28	19	<5	-	-
ST TAMMANY	ALL	2,860	-	109	496	878	889	402	72	<5	12
	WHITE	2,100	-	67	299	668	706	297	53	<5	9
	BLACK	451	-	32	136	124	95	56	6	<5	<5
	OTHER	309	-	10	61	86	88	49	13	-	<5
TANGIPAHOA	ALL	1,984	<5	149	562	628	427	172	33	<5	10
	WHITE	1,071	-	47	257	375	264	103	18	<5	6
	BLACK	771	-	92	272	213	128	51	11	<5	<5
	OTHER	142	<5	10	33	40	35	18	<5	-	<5
TENSAS	ALL	50	-	<5	8	<5	5	6	-	-	24
	WHITE	17	-	-	<5	<5	<5	<5	-	-	8
	BLACK	33	-	<5	6	<5	<5	<5	-	-	16

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
TERREBONNE	ALL	1,544	-	102	460	486	334	136	24	<5	<5
	WHITE	903	-	46	241	311	213	77	13	<5	<5
	BLACK	373	-	32	137	105	70	24	5	-	-
	OTHER	268	-	24	82	70	51	35	6	-	-
UNION	ALL	232	-	18	71	75	48	19	<5	-	-
	WHITE	134	-	7	49	45	24	9	-	-	-
	BLACK	81	-	9	22	26	19	5	-	-	-
	OTHER	17	-	<5	-	<5	5	5	<5	-	-
VERMILION	ALL	759	-	74	206	255	149	59	14	<5	-
	WHITE	549	-	43	143	208	98	45	10	<5	-
	BLACK	149	-	18	52	38	32	7	<5	-	-
	OTHER	61	-	13	11	9	19	7	<5	-	-
VERNON	ALL	917	-	69	344	284	152	54	5	<5	7
	WHITE	676	-	57	252	206	111	38	5	<5	6
	BLACK	136	-	7	55	44	20	8	-	<5	<5
	OTHER	105	-	5	37	34	21	8	-	-	-
WASHINGTON	ALL	619	<5	73	205	178	115	39	5	-	<5
	WHITE	388	-	44	133	105	75	26	<5	-	<5
	BLACK	200	-	27	65	62	31	13	<5	-	-
	OTHER	31	<5	<5	7	11	9	-	<5	-	-
WEBSTER	ALL	491	-	53	175	157	71	28	5	<5	<5
	WHITE	273	-	25	94	88	44	19	<5	-	-
	BLACK	205	-	28	74	66	25	9	<5	<5	<5
	OTHER	13	-	-	7	<5	<5	-	<5	-	-

LIVE BIRTHS BY PARISH OF MOTHER'S RESIDENCE, RACE, AND AGE GROUP
Louisiana, 2017

PARISH OF RESIDENCE	RACE	ALL	< 15	15-19	20-24	25-29	30-34	35-39	40-44	45+	UNK.
STATE	ALL	60,920	57	4,220	15,780	18,750	14,433	6,064	1,030	67	519
	WHITE	31,897	9	1,699	7,128	10,267	8,510	3,435	531	34	284
	BLACK	22,471	38	2,016	7,229	6,667	4,214	1,768	310	21	208
	OTHER	6,552	10	505	1,423	1,816	1,709	861	189	12	27
W BATON ROUGE	ALL	357	-	20	85	125	90	29	8	-	-
	WHITE	182	-	7	35	59	61	16	<5	-	-
	BLACK	154	-	11	43	59	26	12	<5	-	-
	OTHER	21	-	<5	7	7	<5	<5	<5	-	-
WEST CARROLL	ALL	97	-	8	38	29	13	<5	<5	<5	<5
	WHITE	77	-	7	32	22	10	<5	<5	<5	<5
	BLACK	17	-	<5	6	5	<5	<5	-	-	-
	OTHER	<5	-	-	-	<5	-	-	-	-	<5
W FELICIANA	ALL	127	-	10	28	40	33	15	-	-	<5
	WHITE	89	-	9	14	32	23	10	-	-	<5
	BLACK	36	-	<5	14	8	8	5	-	-	-
	OTHER	<5	-	-	-	-	<5	-	-	-	-
WINN	ALL	160	-	17	57	55	23	6	<5	-	<5
	WHITE	98	-	11	31	39	12	<5	<5	-	-
	BLACK	58	-	6	25	14	11	<5	-	-	<5
	OTHER	<5	-	-	<5	<5	-	<5	-	-	-
UNKNOWN	ALL	<5	-	-	-	<5	<5	-	-	-	<5
	WHITE	<5	-	-	-	<5	-	-	-	-	-
	BLACK	<5	-	-	-	-	-	-	-	-	<5
	OTHER	<5	-	-	-	-	<5	-	-	-	-

FREQUENCIES BETWEEN 1-4 REPLACED BY <5 TO PROTECT CONFIDENTIALITY OF RECORDS.

APPENDIX D

*Birthweights
<2500g by Parish*

Louisiana, 2017

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
ACADIA		853	1.3	7.5	600	1.0	5.5	206	2.4	14.1	47	0.0	4.3
	F	421	1.2	8.6	297	0.7	6.1	96	3.1	17.7	28	0.0	3.6
	M	432	1.4	6.5	303	1.3	5.0	110	1.8	10.9	19	0.0	5.3
ALLEN		331	1.2	9.4	263	1.1	7.6	52	1.9	19.2	16	0.0	6.3
	F	169	0.0	7.7	135	0.0	4.4	25	0.0	24.0	9	0.0	11.1
	M	162	2.5	11.1	128	2.3	10.9	27	3.7	14.8	7	0.0	0.0
ASCENSION		1700	1.6	8.2	1101	1.4	6.3	421	2.9	14.3	178	0.0	5.6
	F	840	1.6	8.3	534	1.1	5.6	210	3.3	15.2	96	0.0	8.3
	M	860	1.6	8.0	567	1.6	6.9	211	2.4	13.3	82	0.0	2.4
ASSUMPTION		255	0.8	12.6	135	0.0	13.3	104	1.9	12.5	16	0.0	6.3
	F	128	0.8	9.4	69	0.0	8.7	53	1.9	9.4	6	0.0	16.7
	M	127	0.8	15.8	66	0.0	18.2	51	2.0	15.7	10	0.0	0.0
AVOYELLES		530	1.9	9.8	317	1.9	6.9	199	2.0	14.1	14	0.0	14.3
	F	265	1.9	13.2	160	1.9	9.4	99	2.0	19.2	6	0.0	16.7
	M	265	1.9	6.4	157	1.9	4.5	100	2.0	9.0	8	0.0	12.5
BEAUREGARD		529	1.0	10.2	458	0.9	9.0	40	2.5	20.0	31	0.0	16.1
	F	242	0.4	8.7	212	0.5	7.6	17	0.0	23.5	13	0.0	7.7
	M	287	1.4	11.5	246	1.2	10.2	23	4.4	17.4	18	0.0	22.2
BIENVILLE		157	1.3	19.1	76	0.0	10.5	75	2.7	28.0	6	0.0	16.7
	F	77	2.6	20.8	36	0.0	11.1	38	5.3	29.0	<5	0.0	33.3
	M	80	0.0	17.5	40	0.0	10.0	37	0.0	27.0	<5	0.0	0.0
BOSSIER		1623	2.7	10.7	993	2.7	8.8	424	4.0	17.5	206	0.0	6.3
	F	805	2.9	11.4	488	3.7	9.4	211	2.4	18.0	106	0.0	7.6
	M	818	2.6	10.0	505	1.8	8.1	213	5.6	16.9	100	0.0	5.0
CADDO		3228	3.4	14.2	1173	1.5	9.3	1828	4.9	17.5	227	1.8	12.8
	F	1585	2.8	14.3	549	1.3	10.4	928	3.8	16.8	108	2.8	12.0
	M	1643	4.0	14.1	624	1.6	8.3	900	6.1	18.1	119	0.8	13.5

Numbers less than give are suppressed to protect the confidentiality of the records.

Data is preliminary.

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
CALCASIEU		2983	1.8	11.3	1814	1.3	8.8	930	2.7	16.8	239	2.5	9.2
	F	1472	2.3	12.9	879	1.5	10.1	470	3.4	19.2	123	4.1	8.9
	M	1511	1.3	9.8	935	1.1	7.6	460	2.0	14.4	116	0.9	9.5
CALDWELL		131	1.5	11.5	114	1.8	10.5	14	0.0	21.4	<5	0.0	0.0
	F	66	3.0	13.6	58	3.5	12.1	8	0.0	25.0	-	-	-
	M	65	0.0	9.2	56	0.0	8.9	6	0.0	16.7	<5	0.0	0.0
CAMERON		80	1.3	6.3	73	1.4	6.9	<5	0.0	0.0	6	0.0	0.0
	F	43	0.0	7.0	41	0.0	7.3	<5	0.0	0.0	<5	0.0	0.0
	M	37	2.7	5.4	32	3.1	6.3	-	-	-	5	0.0	0.0
CATAHOULA		117	0.0	14.5	83	0.0	15.7	34	0.0	11.8	-	-	-
	F	63	0.0	11.1	47	0.0	10.6	16	0.0	12.5	-	-	-
	M	54	0.0	18.5	36	0.0	22.2	18	0.0	11.1	-	-	-
CLAIBORNE		134	2.2	17.9	52	0.0	13.5	78	3.9	21.8	<5	0.0	0.0
	F	83	2.4	19.3	31	0.0	9.7	50	4.0	26.0	<5	0.0	0.0
	M	51	2.0	15.7	21	0.0	19.1	28	3.6	14.3	<5	0.0	0.0
CONCORDIA		253	2.8	13.4	129	2.3	10.9	115	3.5	17.4	9	0.0	0.0
	F	126	4.8	15.9	64	3.1	12.5	59	6.8	20.3	<5	0.0	0.0
	M	127	0.8	11.0	65	1.5	9.2	56	0.0	14.3	6	0.0	0.0
DESOTO		323	3.7	11.2	174	3.5	9.8	135	4.4	13.3	14	0.0	7.1
	F	158	3.8	10.8	90	1.1	6.7	58	8.6	17.2	10	0.0	10.0
	M	165	3.6	11.5	84	6.0	13.1	77	1.3	10.4	<5	0.0	0.0
E BATON ROUGE		5963	2.2	11.5	1989	0.9	7.0	3160	3.1	15.5	814	1.4	6.9
	F	2928	2.2	13.4	964	0.9	8.4	1564	3.0	17.8	400	2.0	8.0
	M	3035	2.1	9.7	1025	0.9	5.8	1596	3.3	13.2	414	0.7	5.8
EAST CARROLL		87	5.8	19.5	19	0.0	10.5	67	7.5	22.4	<5	0.0	0.0
	F	46	2.2	15.2	12	0.0	8.3	33	3.0	18.2	<5	0.0	0.0
	M	41	9.8	24.4	7	0.0	14.3	34	11.8	26.5	-	-	-

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Data is preliminary.

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
E FELICIANA		205	2.9	9.8	102	1.0	4.9	95	5.3	15.8	8	0.0	0.0
	F	110	0.9	7.3	57	0.0	7.0	48	2.1	8.3	5	0.0	0.0
	M	95	5.3	12.6	45	2.2	2.2	47	8.5	23.4	<5	0.0	0.0
EVANGELINE		470	2.8	10.6	309	2.6	10.0	149	3.4	12.1	12	0.0	8.3
	F	236	3.4	13.6	152	2.0	13.2	76	6.6	14.5	8	0.0	12.5
	M	234	2.1	7.7	157	3.2	7.0	73	0.0	9.6	<5	0.0	0.0
FRANKLIN		278	3.2	13.0	159	0.0	8.2	118	7.6	19.5	<5	0.0	0.0
	F	145	2.8	13.8	84	0.0	9.5	60	6.7	20.0	<5	0.0	0.0
	M	133	3.8	12.0	75	0.0	6.7	58	8.6	19.0	-	-	-
GRANT		240	1.3	7.5	206	1.0	6.8	29	3.5	13.8	5	0.0	0.0
	F	108	0.9	6.5	94	1.1	5.3	13	0.0	15.4	<5	0.0	0.0
	M	132	1.5	8.3	112	0.9	8.0	16	6.3	12.5	<5	0.0	0.0
IBERIA		989	1.6	10.5	500	0.4	6.4	402	3.5	14.7	87	0.0	14.9
	F	497	2.4	11.5	238	0.4	7.1	218	5.1	15.6	41	0.0	14.6
	M	492	0.8	9.6	262	0.4	5.7	184	1.6	13.6	46	0.0	15.2
IBERVILLE		367	2.7	13.4	160	0.6	8.1	192	4.7	18.2	15	0.0	6.7
	F	193	2.1	10.9	85	0.0	10.6	105	3.8	11.4	<5	0.0	0.0
	M	174	3.5	16.1	75	1.3	5.3	87	5.8	26.4	12	0.0	8.3
JACKSON		162	1.9	11.1	111	1.8	9.9	46	2.2	15.2	5	0.0	0.0
	F	75	1.3	9.3	48	0.0	4.2	24	4.2	20.8	<5	0.0	0.0
	M	87	2.3	12.6	63	3.2	14.3	22	0.0	9.1	<5	0.0	0.0
JEFFERSON		5832	1.7	9.8	2441	1.3	7.3	1839	2.8	13.8	1552	0.8	9.0
	F	2864	1.9	11.3	1178	1.4	7.7	943	3.2	15.7	743	0.9	11.3
	M	2968	1.5	8.4	1263	1.3	7.0	896	2.5	11.7	809	0.6	6.8
JEFF DAVIS		399	1.3	11.5	316	1.0	7.9	67	3.0	26.9	16	0.0	18.8
	F	190	1.1	14.2	155	1.3	9.7	29	0.0	34.5	6	0.0	33.3
	M	209	1.4	9.1	161	0.6	6.2	38	5.3	21.1	10	0.0	10.0

Numbers less than give are suppressed to protect the confidentiality of the records.

Data is preliminary.

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS TOTAL	<1500g	<2500g	WHITE TOTAL	<1500g	<2500g	BLACK TOTAL	<1500g	<2500g	OTHER TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
LAFAYETTE		3336	1.4	8.2	1973	0.6	5.8	991	3.2	12.7	372	0.8	8.9
	F	1659	1.2	7.8	958	0.6	5.3	504	2.4	11.5	197	0.5	10.2
	M	1677	1.6	8.7	1015	0.5	6.3	487	4.1	14.0	175	1.1	7.4
LAFOURCHE		1203	1.8	9.6	847	0.9	7.4	240	5.0	16.7	116	0.9	10.3
	F	619	1.6	10.5	432	0.9	7.6	118	5.1	20.3	69	0.0	11.6
	M	584	1.9	8.6	415	1.0	7.2	122	4.9	13.1	47	2.1	8.5
LASALLE		182	0.0	9.3	162	0.0	9.3	13	0.0	7.7	7	0.0	14.3
	F	86	0.0	5.8	76	0.0	5.3	7	0.0	14.3	<5	0.0	0.0
	M	96	0.0	12.5	86	0.0	12.8	6	0.0	0.0	<5	0.0	25.0
LINCOLN		544	2.0	10.5	267	0.4	6.0	224	4.0	16.1	53	1.9	9.4
	F	257	2.3	10.1	142	0.0	5.6	97	6.2	17.5	18	0.0	5.6
	M	287	1.7	10.8	125	0.8	6.4	127	2.4	15.0	35	2.9	11.4
LIVINGSTON		1826	1.0	8.8	1535	1.0	7.8	158	1.9	19.0	133	0.0	8.3
	F	868	0.9	9.5	717	1.0	8.0	87	1.2	19.5	64	0.0	12.5
	M	958	1.2	8.1	818	1.1	7.6	71	2.8	18.3	69	0.0	4.4
MADISON		164	3.1	12.2	38	0.0	0.0	121	4.1	16.5	5	0.0	0.0
	F	86	3.5	14.0	19	0.0	0.0	65	4.6	18.5	<5	0.0	0.0
	M	78	2.6	10.3	19	0.0	0.0	56	3.6	14.3	<5	0.0	0.0
MOREHOUSE		342	3.5	15.5	146	2.1	11.0	190	4.7	19.5	6	0.0	0.0
	F	150	4.0	18.0	63	1.6	17.5	86	5.8	18.6	<5	0.0	0.0
	M	192	3.1	13.5	83	2.4	6.0	104	3.9	20.2	5	0.0	0.0
NATCHITOCHES		487	2.3	11.1	210	1.9	8.1	259	2.7	13.1	18	0.0	16.7
	F	248	1.6	12.9	113	1.8	10.6	126	1.6	15.1	9	0.0	11.1
	M	239	2.9	9.2	97	2.1	5.2	133	3.8	11.3	9	0.0	22.2
ORLEANS		4607	2.0	12.5	1286	1.2	6.5	2768	2.7	16.2	553	0.7	8.0
	F	2185	1.9	13.5	621	1.3	6.4	1299	2.3	17.6	265	1.1	10.2
	M	2422	2.2	11.6	665	1.1	6.6	1469	3.0	15.0	288	0.4	5.9

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BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
OUACHITA		2149	2.4	11.8	1051	1.3	7.7	980	3.4	15.8	118	4.2	15.3
	F	1030	2.4	12.6	496	1.8	8.7	479	2.7	16.9	55	5.5	10.9
	M	1119	2.4	11.1	555	0.9	6.9	501	4.0	14.8	63	3.2	19.1
PLAQUEMINES		280	2.1	8.9	162	1.9	7.4	60	5.0	15.0	58	0.0	6.9
	F	121	0.8	5.8	71	1.4	2.8	24	0.0	4.2	26	0.0	15.4
	M	159	3.1	11.3	91	2.2	11.0	36	8.3	22.2	32	0.0	0.0
POINTE COUPEE		249	2.4	12.5	133	0.8	8.3	108	4.6	18.5	8	0.0	0.0
	F	110	0.9	12.7	66	0.0	6.1	41	2.4	24.4	<5	0.0	0.0
	M	139	3.6	12.2	67	1.5	10.5	67	6.0	14.9	5	0.0	0.0
RAPIDES		1720	2.0	11.1	918	1.2	7.7	684	3.1	16.2	118	1.7	7.6
	F	813	2.0	12.1	431	1.2	7.9	320	3.4	18.1	62	0.0	9.7
	M	907	2.0	10.3	487	1.2	7.6	364	2.8	14.6	56	3.6	5.4
RED RIVER		111	0.9	7.2	57	0.0	3.5	49	2.0	10.2	5	0.0	20.0
	F	52	1.9	9.6	24	0.0	4.2	26	3.9	15.4	<5	0.0	0.0
	M	59	0.0	5.1	33	0.0	3.0	23	0.0	4.4	<5	0.0	33.3
RICHLAND		265	3.0	11.7	129	0.8	7.0	130	5.4	16.2	6	0.0	16.7
	F	132	3.8	12.1	70	0.0	7.1	58	8.6	19.0	<5	0.0	0.0
	M	133	2.3	11.3	59	1.7	6.8	72	2.8	13.9	<5	0.0	50.0
SABINE		264	2.3	8.7	180	2.8	10.0	48	0.0	6.3	36	2.8	5.6
	F	136	3.7	11.8	93	4.3	12.9	28	0.0	7.1	15	6.7	13.3
	M	128	0.8	5.5	87	1.2	6.9	20	0.0	5.0	21	0.0	0.0
ST BERNARD		640	0.8	8.8	340	0.6	6.8	195	1.0	13.3	105	1.0	6.7
	F	331	1.2	10.0	177	0.6	7.3	105	1.9	16.2	49	2.0	6.1
	M	309	0.3	7.4	163	0.6	6.1	90	0.0	10.0	56	0.0	7.1
ST CHARLES		596	1.7	10.6	364	1.1	11.0	196	3.1	10.7	36	0.0	5.6
	F	282	2.1	11.4	170	1.2	11.8	97	4.1	10.3	15	0.0	13.3
	M	314	1.3	9.9	194	1.0	10.3	99	2.0	11.1	21	0.0	0.0

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BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
ST HELENA		107	0.9	7.5	45	0.0	2.2	61	1.6	11.5	<5	0.0	0.0
	F	51	2.0	7.8	20	0.0	0.0	30	3.3	13.3	<5	0.0	0.0
	M	56	0.0	7.1	25	0.0	4.0	31	0.0	9.7	-	-	-
ST JAMES		294	2.4	13.6	136	2.9	10.3	148	2.0	16.9	10	0.0	10.0
	F	143	1.4	14.7	62	1.6	8.1	74	1.4	20.3	7	0.0	14.3
	M	151	3.3	12.6	74	4.1	12.2	74	2.7	13.5	<5	0.0	0.0
ST JOHN		549	2.4	10.9	142	1.4	7.0	365	2.2	12.3	42	7.1	11.9
	F	270	2.6	12.6	79	1.3	8.9	168	1.8	14.3	23	13.0	13.0
	M	279	2.2	9.3	63	1.6	4.8	197	2.5	10.7	19	0.0	10.5
ST LANDRY		1181	2.0	12.3	591	1.2	8.3	534	2.8	17.4	56	1.8	5.4
	F	603	1.7	14.6	301	1.3	9.3	277	2.2	21.3	25	0.0	4.0
	M	578	2.3	9.9	290	1.0	7.2	257	3.5	13.2	31	3.2	6.5
ST MARTIN		700	3.0	9.9	420	1.9	6.4	239	5.4	16.3	41	0.0	7.3
	F	342	3.5	11.7	201	2.5	8.5	114	6.1	17.5	27	0.0	11.1
	M	358	2.5	8.1	219	1.4	4.6	125	4.8	15.2	14	0.0	0.0
ST MARY		705	0.4	8.5	359	0.0	8.1	228	0.9	11.4	118	0.9	4.2
	F	352	0.3	9.9	197	0.0	8.1	100	0.0	15.0	55	1.8	7.3
	M	353	0.6	7.1	162	0.0	8.0	128	1.6	8.6	63	0.0	1.6
ST TAMMANY		2860	1.2	8.6	2100	1.0	8.1	451	1.1	10.6	309	2.6	9.1
	F	1338	1.5	9.3	986	1.3	8.7	200	1.0	12.5	152	3.3	9.2
	M	1522	0.9	8.0	1114	0.7	7.6	251	1.2	9.2	157	1.9	8.9
TANGIPAHOA		1984	1.5	10.0	1071	0.9	6.8	771	2.1	15.1	142	2.1	7.0
	F	1002	1.6	11.2	532	1.1	7.7	398	2.0	16.1	72	2.8	9.7
	M	982	1.3	8.9	539	0.7	5.9	373	2.1	13.9	70	1.4	4.3
TENSAS		50	0.0	12.0	17	0.0	0.0	33	0.0	18.2	-	-	-
	F	23	0.0	17.4	10	0.0	0.0	13	0.0	30.8	-	-	-

Numbers less than give are suppressed to protect the confidentiality of the records.

Data is preliminary.

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
	M	27	0.0	7.4	7	0.0	0.0	20	0.0	10.0	-	-	-
TERREBONNE		1544	2.0	11.0	904	0.7	8.3	375	4.5	19.2	265	3.0	8.3
	F	784	2.4	12.4	452	0.9	10.4	202	4.5	20.3	130	4.6	6.9
	M	760	1.6	9.5	452	0.4	6.2	173	4.6	17.9	135	1.5	9.6
UNION		232	0.0	10.3	134	0.0	7.5	81	0.0	16.1	17	0.0	5.9
	F	112	0.0	9.8	57	0.0	5.3	42	0.0	16.7	13	0.0	7.7
	M	120	0.0	10.8	77	0.0	9.1	39	0.0	15.4	<5	0.0	0.0
VERMILION		759	1.5	9.9	549	0.9	7.7	149	2.7	16.8	61	3.3	13.1
	F	384	1.3	10.4	276	1.5	10.5	76	1.3	9.2	32	0.0	12.5
	M	375	1.6	9.3	273	0.4	4.8	73	4.1	24.7	29	6.9	13.8
VERNON		917	1.4	8.3	677	1.0	7.2	136	3.7	12.5	104	1.0	9.6
	F	447	1.1	9.4	331	0.6	7.6	71	4.2	18.3	45	0.0	8.9
	M	470	1.7	7.2	346	1.5	6.9	65	3.1	6.2	59	1.7	10.2
WASHINGTON		619	1.8	12.6	388	2.1	11.6	200	1.0	14.5	31	3.2	12.9
	F	277	2.2	14.8	166	2.4	12.7	93	2.2	20.4	18	0.0	5.6
	M	342	1.5	10.8	222	1.8	10.8	107	0.0	9.4	13	7.7	23.1
WEBSTER		491	1.8	12.2	273	0.7	7.7	205	3.4	18.5	13	0.0	7.7
	F	224	2.7	14.3	122	1.6	9.8	97	4.1	19.6	5	0.0	20.0
	M	267	1.1	10.5	151	0.0	6.0	108	2.8	17.6	8	0.0	0.0
W BATON ROUGE		357	2.2	12.9	182	0.6	7.1	154	4.6	20.8	21	0.0	4.8
	F	175	1.7	16.0	86	1.2	11.6	80	2.5	21.3	9	0.0	11.1
	M	182	2.8	9.9	96	0.0	3.1	74	6.8	20.3	12	0.0	0.0
WEST CARROLL		97	0.0	8.3	77	0.0	9.1	17	0.0	5.9	<5	0.0	0.0
	F	50	0.0	14.0	43	0.0	14.0	5	0.0	20.0	<5	0.0	0.0
	M	47	0.0	2.1	34	0.0	2.9	12	0.0	0.0	<5	0.0	0.0
W FELICIANA		127	1.6	7.1	89	1.1	6.7	36	2.8	8.3	<5	0.0	0.0
	F	72	1.4	4.2	52	1.9	3.9	18	0.0	5.6	<5	0.0	0.0

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Data is preliminary.

BIRTH WEIGHTS UNDER 1500 GRAMS AND UNDER 2500 GRAMS AS A PERCENTAGE OF TOTAL BIRTHS,

Louisiana, Year 2017

PARISH	SEX	ALL BIRTHS			WHITE			BLACK			OTHER		
		TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g	TOTAL	<1500g	<2500g
STATE		60920	1.9	10.7	31918	1.1	7.7	22476	3.2	15.6	6526	1.2	8.5
	F	29834	1.9	11.7	15520	1.2	8.3	11108	3.0	17.0	3206	1.5	9.8
	M	31086	1.9	9.8	16398	1.1	7.2	11368	3.3	14.2	3320	0.9	7.3
	M	55	1.8	10.9	37	0.0	10.8	18	5.6	11.1	-	-	-
WINN		160	2.5	11.3	98	1.0	10.2	58	5.2	12.1	<5	0.0	25.0
	F	82	0.0	8.5	50	0.0	8.0	30	0.0	6.7	<5	0.0	50.0
	M	78	5.1	14.1	48	2.1	12.5	28	10.7	17.9	<5	0.0	0.0
UNKNOWN		<5	33.3	33.3	<5	0.0	0.0	<5	100.0	100.0	<5	0.0	0.0
	F	<5	33.3	33.3	<5	0.0	0.0	<5	100.0	100.0	<5	0.0	0.0

Numbers less than give are suppressed to protect the confidentiality of the records.

Data is preliminary.

APPENDIX E

*Infant Deaths by
Mother's Residence*

Louisiana, 2017

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
ACADIA	ALL	5	5.9	<5	<5	0	<5	0	0	0	<5	<5
	WHITE	<5	3.3	0	0	0	0	0	0	0	<5	<5
	BLACK	<5	14.6	<5	<5	0	<5	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ALLEN	ALL	<5	6.0	0	0	0	0	<5	0	0	0	<5
	WHITE	<5	3.8	0	0	0	0	0	0	0	0	<5
	BLACK	<5	19.2	0	0	0	0	<5	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ASCENSION	ALL	7	4.1	0	<5	0	<5	0	<5	0	0	<5
	WHITE	<5	3.6	0	<5	0	<5	0	<5	0	0	<5
	BLACK	<5	7.1	0	<5	0	<5	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ASSUMPTION	ALL	<5	3.9	0	<5	0	<5	0	0	0	0	0
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	9.6	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
AVOYELLES	ALL	<5	7.5	<5	0	0	<5	<5	<5	0	0	<5
	WHITE	<5	6.3	<5	0	0	<5	<5	0	0	0	0
	BLACK	<5	10.1	0	0	0	0	0	<5	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
BEAUREGARD	ALL	<5	3.8	0	<5	0	<5	0	0	0	0	<5
	WHITE	<5	2.2	0	0	0	0	0	0	0	0	<5
	BLACK	<5	25.0	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
BIENVILLE	ALL	<5	12.7	0	0	0	0	0	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	26.7	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
BOSSIER	ALL	11	6.8	<5	<5	0	5	0	<5	0	0	5
	WHITE	<5	4.0	<5	0	0	<5	0	<5	0	0	<5
	BLACK	7	16.5	<5	<5	0	<5	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
CADDO	ALL	35	10.8	<5	9	<5	14	<5	0	<5	<5	15
	WHITE	<5	2.6	<5	0	0	<5	0	0	0	0	<5
	BLACK	32	17.5	<5	9	<5	13	<5	0	<5	<5	13
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
CALCASIEU	ALL	24	8.0	0	<5	0	<5	<5	<5	0	<5	16
	WHITE	12	6.6	0	<5	0	<5	<5	<5	0	<5	7
	BLACK	12	12.9	0	0	0	0	0	<5	0	<5	9
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
CALDWELL	ALL	<5	7.6	0	0	0	0	0	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	71.4	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
CAMERON	ALL	<5	12.5	0	<5	0	<5	0	0	0	0	0
	WHITE	<5	13.7	0	<5	0	<5	0	0	0	0	0
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
CATAHOULA	ALL	<5	8.5	0	<5	0	<5	0	0	0	0	0
	WHITE	<5	12.0	0	<5	0	<5	0	0	0	0	0
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	-	-	-	-	-	-	-	-	-	-
CLAIBORNE	ALL	<5	7.5	0	0	0	0	0	0	0	0	<5
	WHITE	<5	19.2	0	0	0	0	0	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
CONCORDIA	ALL	<5	4.0	0	<5	0	<5	0	0	0	0	0
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	8.7	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
DESOTO	ALL	<5	6.2	0	<5	0	<5	0	0	0	0	0
	WHITE	<5	5.7	0	<5	0	<5	0	0	0	0	0
	BLACK	<5	7.4	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
E BATON ROUGE	ALL	55	9.2	8	10	<5	19	7	<5	<5	0	21
	WHITE	11	5.5	<5	<5	<5	<5	<5	<5	<5	0	<5
	BLACK	42	13.3	7	8	0	15	5	<5	<5	0	16
	OTHER	<5	2.5	0	<5	0	<5	0	0	0	0	<5
EAST CARROLL	ALL	<5	11.5	0	0	0	0	0	<5	0	0	0
	WHITE	<5	52.6	0	0	0	0	0	<5	0	0	0
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
E FELICIANA	ALL	<5	4.9	0	<5	0	<5	0	0	0	0	0
	WHITE	<5	9.8	0	<5	0	<5	0	0	0	0	0
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
EVANGELINE	ALL	8	17.0	0	0	0	0	<5	<5	0	0	6
	WHITE	5	16.2	0	0	0	0	<5	<5	0	0	<5
	BLACK	<5	13.4	0	0	0	0	0	0	0	0	<5
	OTHER	<5	83.3	0	0	0	0	0	0	0	0	<5
FRANKLIN	ALL	<5	3.6	0	<5	0	<5	0	0	0	0	0
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	8.5	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
GRANT	ALL	<5	12.5	<5	<5	0	<5	0	0	0	0	<5
	WHITE	<5	9.7	<5	0	0	<5	0	0	0	0	<5
	BLACK	<5	34.5	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
IBERIA	ALL	6	6.1	0	0	0	0	0	0	<5	0	5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	5	12.5	0	0	0	0	0	0	<5	0	<5
	OTHER	<5	11.4	0	0	0	0	0	0	0	0	<5
IBERVILLE	ALL	<5	8.2	0	<5	0	<5	<5	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	15.6	0	<5	0	<5	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
JACKSON	ALL	-	0.0	-	-	-	-	-	-	-	-	-
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
JEFFERSON	ALL	28	4.8	<5	<5	0	<5	<5	<5	<5	0	19
	WHITE	11	4.5	0	0	0	0	<5	<5	<5	0	8
	BLACK	12	6.5	<5	<5	0	<5	<5	0	0	0	8
	OTHER	5	3.2	0	<5	0	<5	0	<5	0	0	<5
JEFF DAVIS	ALL	<5	5.0	0	0	0	0	<5	0	0	0	<5
	WHITE	<5	6.3	0	0	0	0	<5	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
LAFAYETTE	ALL	18	5.4	<5	<5	0	<5	<5	<5	0	<5	9
	WHITE	11	5.6	<5	<5	0	<5	<5	<5	0	<5	5
	BLACK	6	6.1	0	<5	0	<5	<5	0	0	0	<5
	OTHER	<5	2.7	0	0	0	0	0	0	0	0	<5
LAFOURCHE	ALL	8	6.7	<5	0	0	<5	0	0	0	0	7
	WHITE	<5	4.7	0	0	0	0	0	0	0	0	<5
	BLACK	<5	16.7	<5	0	0	<5	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
LASALLE	ALL	-	0.0	-	-	-	-	-	-	-	-	-
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
LINCOLN	ALL	<5	3.7	0	0	0	0	0	<5	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	8.9	0	0	0	0	0	<5	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
LIVINGSTON	ALL	8	4.4	0	<5	0	<5	<5	0	0	0	5
	WHITE	8	5.2	0	<5	0	<5	<5	0	0	0	5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
MADISON	ALL	<5	12.2	0	0	0	0	<5	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	16.5	0	0	0	0	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
MOREHOUSE	ALL	6	17.5	<5	0	0	<5	<5	0	0	0	<5
	WHITE	<5	13.7	0	0	0	0	<5	0	0	0	<5
	BLACK	<5	21.1	<5	0	0	<5	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
NATCHITOCHES	ALL	8	16.4	0	0	0	0	<5	0	0	<5	<5
	WHITE	<5	19.0	0	0	0	0	<5	0	0	0	<5
	BLACK	<5	15.4	0	0	0	0	<5	0	0	<5	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ORLEANS	ALL	34	7.4	5	<5	<5	9	7	<5	<5	0	16
	WHITE	<5	1.6	<5	0	0	<5	0	0	0	0	0
	BLACK	29	10.5	<5	<5	<5	7	6	<5	0	0	15
	OTHER	<5	5.4	0	0	0	0	<5	0	<5	0	<5

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
OUACHITA	ALL	20	9.3	0	<5	0	<5	<5	<5	<5	<5	9
	WHITE	8	7.6	0	<5	0	<5	<5	0	0	0	5
	BLACK	12	12.2	0	<5	0	<5	<5	<5	<5	<5	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
PLAQUEMINES	ALL	<5	3.6	0	0	0	0	0	0	0	0	<5
	WHITE	<5	6.2	0	0	0	0	0	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
POINTE COUPEE	ALL	<5	8.0	0	0	0	0	0	0	<5	0	<5
	WHITE	<5	7.5	0	0	0	0	0	0	0	0	<5
	BLACK	<5	9.3	0	0	0	0	0	0	<5	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
RAPIDES	ALL	8	4.7	<5	0	0	<5	<5	0	0	<5	5
	WHITE	<5	2.2	<5	0	0	<5	<5	0	0	0	0
	BLACK	5	7.3	0	0	0	0	0	0	0	<5	<5
	OTHER	<5	8.5	0	0	0	0	0	0	0	0	<5
RED RIVER	ALL	-	0.0	-	-	-	-	-	-	-	-	-
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
RICHLAND	ALL	<5	11.3	0	<5	0	<5	<5	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	23.1	0	<5	0	<5	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
SABINE	ALL	<5	3.8	0	0	0	0	0	0	0	0	<5
	WHITE	<5	5.6	0	0	0	0	0	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST BERNARD	ALL	<5	4.7	0	0	0	0	<5	0	0	0	<5
	WHITE	<5	8.8	0	0	0	0	<5	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST CHARLES	ALL	<5	3.4	0	<5	0	<5	0	0	0	0	<5
	WHITE	<5	2.8	0	<5	0	<5	0	0	0	0	0
	BLACK	<5	5.1	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST HELENA	ALL	<5	9.3	0	0	0	0	0	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	16.4	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST JAMES	ALL	<5	10.2	0	<5	0	<5	0	<5	0	0	0
	WHITE	<5	7.4	0	0	0	0	0	<5	0	0	0
	BLACK	<5	13.5	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST JOHN	ALL	<5	3.6	0	0	0	0	<5	0	<5	0	0
	WHITE	<5	7.1	0	0	0	0	<5	0	0	0	0
	BLACK	<5	2.7	0	0	0	0	0	0	<5	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
ST LANDRY	ALL	13	11.0	<5	<5	0	<5	<5	<5	0	<5	7
	WHITE	<5	1.7	<5	0	0	<5	0	0	0	0	0
	BLACK	12	22.5	0	<5	0	<5	<5	<5	0	<5	7
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST MARTIN	ALL	9	12.9	<5	<5	0	<5	<5	0	0	<5	<5
	WHITE	<5	9.5	0	<5	0	<5	0	0	0	0	<5
	BLACK	5	20.9	<5	0	0	<5	<5	0	0	<5	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST MARY	ALL	<5	1.4	0	0	0	0	0	0	0	0	<5
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	<5	4.4	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
ST TAMMANY	ALL	14	4.9	<5	8	0	9	<5	0	0	<5	<5
	WHITE	6	2.9	0	<5	0	<5	0	0	0	<5	<5
	BLACK	<5	6.7	0	0	0	0	<5	0	0	0	<5
	OTHER	5	16.0	<5	<5	0	5	0	0	0	0	0
TANGIPAHOA	ALL	14	7.1	<5	<5	0	<5	<5	<5	0	<5	8
	WHITE	9	8.4	<5	<5	0	<5	<5	0	0	0	5
	BLACK	5	6.5	0	0	0	0	0	<5	0	<5	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
TENSAS	ALL	-	0.0	-	-	-	-	-	-	-	-	-
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	-	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
TERREBONNE	ALL	12	7.8	0	<5	0	<5	<5	0	0	0	6
	WHITE	6	6.7	0	<5	0	<5	0	0	0	0	<5
	BLACK	6	16.1	0	0	0	0	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
UNION	ALL	<5	4.3	<5	0	0	<5	0	0	0	0	0
	WHITE	<5	7.5	<5	0	0	<5	0	0	0	0	0
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
VERMILION	ALL	5	6.6	0	0	0	0	<5	0	<5	0	<5
	WHITE	<5	1.8	0	0	0	0	0	0	0	0	<5
	BLACK	<5	20.1	0	0	0	0	0	0	<5	0	<5
	OTHER	<5	16.4	0	0	0	0	<5	0	0	0	0
VERNON	ALL	7	7.6	0	<5	0	<5	<5	<5	0	0	<5
	WHITE	<5	5.9	0	<5	0	<5	<5	0	0	0	<5
	BLACK	<5	22.1	0	0	0	0	<5	<5	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
WASHINGTON	ALL	5	8.1	<5	<5	0	<5	0	0	0	0	<5
	WHITE	<5	7.7	<5	<5	0	<5	0	0	0	0	0
	BLACK	<5	10.0	0	0	0	0	0	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
WEBSTER	ALL	6	12.2	<5	0	0	<5	<5	0	0	0	<5
	WHITE	<5	3.7	0	0	0	0	0	0	0	0	<5
	BLACK	5	24.4	<5	0	0	<5	<5	0	0	0	<5
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

INFANT DEATHS (EXCLUSIVE OF STILLBIRTHS) BY PLACE OF OCCURRENCE
Reallocated to Mother's Usual Residence and Shown by Race of Child and Age at Death
Louisiana, 2017

PARISH	RACE	TOTAL	RATE	LT 1 HOUR	1-6 HOURS	7-23 HOURS	LT 1 DAY	1-6 DAYS	7-13 DAYS	14-20 DAYS	21-27 DAYS	28-365 DAYS
STATE	ALL	437	7.2	41	72	3	116	57	24	14	13	213
	WHITE	159	5.0	16	24	<5	41	20	9	<5	5	82
	BLACK	258	11.5	24	42	<5	68	35	14	11	8	122
	OTHER	20	3.0	<5	6	0	7	<5	<5	<5	0	9
W BATON ROUGE	ALL	5	14.0	0	<5	0	<5	0	0	0	<5	<5
	WHITE	<5	16.5	0	0	0	0	0	0	0	<5	<5
	BLACK	<5	13.0	0	<5	0	<5	0	0	0	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
WEST CARROLL	ALL	<5	10.3	0	0	0	0	0	0	0	0	<5
	WHITE	<5	13.0	0	0	0	0	0	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
W FELICIANA	ALL	-	0.0	-	-	-	-	-	-	-	-	-
	WHITE	-	0.0	-	-	-	-	-	-	-	-	-
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
WINN	ALL	<5	18.8	0	0	0	0	0	0	<5	0	<5
	WHITE	<5	20.4	0	0	0	0	0	0	0	0	<5
	BLACK	<5	17.2	0	0	0	0	0	0	<5	0	0
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-
UNKNOWN***	ALL	<5	333.3	0	0	0	0	0	0	0	0	<5
	WHITE	<5	1000.0	0	0	0	0	0	0	0	0	<5
	BLACK	-	0.0	-	-	-	-	-	-	-	-	-
	OTHER	-	0.0	-	-	-	-	-	-	-	-	-

RATE PER 1,000 LIVE BIRTHS
NUMBERS LESS THAN FIVE ARE SUPPRESSED TO PROTECT THE CONFIDENTIALITY OF THE RECORDS.
DATA IS PRELIMINARY

APPENDIX F

*Top Causes of
Death by Parish*

Louisiana, 2017

PRINCIPAL CAUSES OF DEATH, BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALL DEATHS		DISEASE OF HEART		MALIGNANT NEOPLASMS		ACCIDENTS		CHRONIC LOWER RESPIRATORY DISEASES		CEREBRO-VASCULAR DISEASES	
	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*
STATE	45824	978.8	11035	235.7	9334	199.4	2616	55.9	2431	51.9	2416	51.6
ACADIA	649	1038.6	180	288.1	143	228.9	22	35.2	36	57.6	31	49.6
ALLEN	291	1131.7	62	241.1	63	245.0	13	50.6	15	58.3	19	73.9
ASCENSION	752	642.6	173	147.8	154	131.6	60	51.3	35	29.9	39	33.3
ASSUMPTION	251	1089.7	77	334.3	49	212.7	12	52.1	13	56.4	10	43.4
AVOYELLES	490	1190.9	117	284.4	114	277.1	19	46.2	34	82.6	28	68.1
BEAUREGARD	415	1146.5	121	334.3	80	221.0	25	69.1	22	60.8	17	47.0
BIENVILLE	175	1260.4	44	316.9	26	187.3	<5	21.6	14	100.8	12	86.4
BOSSIER	1075	859.6	250	199.9	223	178.3	55	44.0	67	53.6	65	52.0
CADDO	2808	1111.6	518	205.1	560	221.7	113	44.7	166	65.7	148	58.6
CALCASIEU	2142	1086.2	648	328.6	411	208.4	82	41.6	29	14.7	126	63.9
CALDWELL	140	1415	48	485.1	23	232.5	10	101.1	9	91.0	5	50.5
CAMERON	49	733.6	16	239.6	5	74.9	<5	29.9	<5	44.9	<5	15.0
CATAHOULA	121	1192	22	216.7	22	216.7	6	59.1	10	98.5	<5	9.9
CLAIBORNE	204	1243	60	365.6	42	255.9	7	42.7	11	67.0	7	42.7
CONCORDIA	240	1172.7	65	317.6	39	190.6	<5	14.7	10	48.9	5	24.4
DESOTO	308	1134.8	67	246.8	62	228.4	8	29.5	24	88.4	16	58.9
E BATON	3868	867.2	937	210.1	750	168.1	228	51.1	155	34.8	217	48.7
EAST CARROLL	80	1068.5	16	213.7	19	253.8	<5	26.7	8	106.9	<5	40.1
E FELICIANA	262	1322.4	71	358.4	45	227.1	19	95.9	10	50.5	7	35.3
EVANGELINE	375	1112.8	77	228.5	80	237.4	23	68.2	24	71.2	17	50.4
FRANKLIN	250	1223	126	616.4	41	200.6	8	39.1	10	48.9	5	24.5
GRANT	234	1045.4	55	245.7	46	205.5	12	53.6	18	80.4	12	53.6
IBERIA	750	1014.7	209	282.8	144	194.8	31	41.9	34	46.0	46	62.2
IBERVILLE	334	1002.2	55	165.0	82	246.0	22	66.0	22	66.0	20	60.0
JACKSON	181	1131.7	45	281.4	40	250.1	5	31.3	18	112.5	7	43.8
JEFFERSON	4379	1005	946	217.1	919	210.9	295	67.7	210	48.2	218	50.0
JEFF DAVIS	420	1334.3	112	355.8	90	285.9	13	41.3	35	111.2	34	108.0
LAFAYETTE	1841	781.3	499	211.8	390	165.5	95	40.3	89	37.8	94	39.9

*Rate per 100,000 population

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident

PRINCIPAL CAUSES OF DEATH, BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALL DEATHS		DISEASE OF HEART		MALIGNANT NEOPLASMS		ACCIDENTS		CHRONIC LOWER RESPIRATORY DISEASES		CEREBRO-VASCULAR DISEASES	
	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*
STATE	45824	978.8	11035	235.7	9334	199.4	2616	55.9	2431	51.9	2416	51.6
LAFOURCHE	958	977.4	218	222.4	241	245.9	64	65.3	42	42.8	42	42.8
LASALLE	178	1199.5	25	168.5	32	215.6	8	53.9	23	155.0	7	47.2
LINCOLN	415	871.5	79	165.9	73	153.3	16	33.6	29	60.9	23	48.3
LIVINGSTON	1034	761.7	225	165.7	229	168.7	109	80.3	78	57.5	35	25.8
MADISON	143	1207.5	43	363.1	29	244.9	<5	25.3	<5	25.3	<5	16.9
MOREHOUSE	394	1472.3	100	373.7	85	317.6	18	67.3	25	93.4	30	112.1
NATCHITOCHES	414	1057	94	240.0	99	252.8	15	38.3	25	63.8	38	97.0
ORLEANS	3421	890.1	838	218.0	687	178.8	244	63.5	115	29.9	191	49.7
OUACHITA	1556	995.4	278	177.8	318	203.4	75	48.0	121	77.4	74	47.3
PLAQUEMINES	201	857.3	51	217.5	40	170.6	8	34.1	14	59.7	5	21.3
POINTE COUPEE	258	1151.5	82	366.0	51	227.6	21	93.7	8	35.7	17	75.9
RAPIDES	1551	1170.7	443	334.4	287	216.6	75	56.6	103	77.7	90	67.9
RED RIVER	117	1349.6	25	288.4	15	173.0	7	80.7	12	138.4	5	57.7
RICHLAND	245	1181.3	79	380.9	49	236.3	13	62.7	20	96.4	14	67.5
SABINE	309	1276.9	69	285.1	64	264.5	13	53.7	17	70.3	20	82.6
ST BERNARD	373	839.9	82	184.6	80	180.1	23	51.8	15	33.8	19	42.8
ST CHARLES	429	813.3	93	176.3	88	166.8	19	36.0	19	36.0	28	53.1
ST HELENA	130	1224.2	27	254.3	26	244.8	10	94.2	<5	28.3	<5	18.8
ST JAMES	218	1007.5	45	208.0	43	198.7	11	50.8	5	23.1	15	69.3
ST JOHN	422	964.7	122	278.9	82	187.4	23	52.6	14	32.0	28	64.0
ST LANDRY	988	1180.3	284	339.3	185	221.0	52	62.1	59	70.5	56	66.9
ST MARTIN	484	907.8	141	264.5	113	211.9	24	45.0	28	52.5	25	46.9
ST MARY	573	1077.8	112	210.7	138	259.6	40	75.2	31	58.3	38	71.5
ST TAMMANY	2285	929.5	537	218.4	471	191.6	153	62.2	128	52.1	110	44.7
TANGIPAHOA	1313	1033.5	331	260.5	255	200.7	94	74.0	79	62.2	64	50.4
TENSAS	52	1076.6	18	372.7	9	186.3	0	0.0	<5	20.7	<5	20.7
TERREBONNE	1120	988.3	238	210.0	246	217.1	107	94.4	60	52.9	54	47.6
UNION	298	1322.2	41	181.9	65	288.4	9	39.9	24	106.5	21	93.2

*Rate per 100,000 population

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident

137

PRINCIPAL CAUSES OF DEATH, BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALL DEATHS		DISEASE OF HEART		MALIGNANT NEOPLASMS		ACCIDENTS		CHRONIC LOWER RESPIRATORY DISEASES		CEREBRO-VASCULAR DISEASES	
	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*	DEATHS	RATE*
STATE	45824	978.8	11035	235.7	9334	199.4	2616	55.9	2431	51.9	2416	51.6
VERMILION	575	964.5	197	330.4	116	194.6	26	43.6	27	45.3	35	58.7
VERNON	428	821	98	188.0	97	186.1	26	49.9	36	69.1	29	55.6
WASHINGTON	608	1313.6	125	270.1	113	244.1	57	123.1	48	103.7	20	43.2
WEBSTER	558	1383.5	126	312.4	114	282.6	17	42.1	43	106.6	37	91.7
W BATON	203	809.2	37	147.5	44	175.4	12	47.8	16	63.8	13	51.8
WEST CARROLL	130	1128	31	269.0	24	208.2	12	104.1	12	104.1	<5	34.7
W FELICIANA	155	1006.1	31	201.2	35	227.2	10	64.9	5	32.5	5	32.5
WINN	179	1214.1	54	366.3	29	196.7	9	61.0	12	81.4	9	61.0
UNKNOWN***	25	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OUT OF STATE**	1162	0	244	0.0	168	0.0	184	0.0	40	0.0	59	0.0

FREQUENCIES BETWEEN 1-4 REPLACED BY <5 TO PROTECT CONFIDENTIALITY OF RECORDS

ICD-10 Codes = Disease of heart: I00-I09, I11, I13, I20-I51; Malignant Neoplasms: C00-C97; Accidents: V01-X59, Y85-Y86; Chronic Lower Respiratory Disease: J40-J47; Cerebrovascular Disease: I60-I69

*Rate per 100,000 population

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident

CAUSES OF DEATH (WITH ICD-10 CODES) BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALZHEIMER'S DISEASE (G30)	DIABETES MELLITUS (E10-E14)	SEPTICEMIA (A40-A41)	NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS (N00-N07,N17-N19,N25-N27)	INFLUENZA AND PNEUMONIA (J10-J18)	INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	PARKINSON'S DISEASE (G20-G21)	ESSENTIAL (PRIMARY) HYPERTENSION AND HYPERTENSIVE RENAL DISEASE (I10,I12)	ALL OTHERS
	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS
STATE TOTAL	**2166**	**1249**	**1058**	**1045**	**762**	**697**	**633**	**532**	**476**	**361**	**9013**
ACADIA	35	8	22	16	12	10	5	9	8	<5	108
ALLEN	6	11	5	6	<5	6	<5	7	<5	<5	69
ASCENSION	41	5	19	19	17	14	8	11	8	<5	145
ASSUMPTION	6	<5	6	6	<5	<5	<5	<5	<5	<5	54
AVOYELLES	32	12	9	10	9	<5	5	<5	5	12	76
BEAUREGARD	15	0	18	10	9	<5	<5	<5	5	0	84
BIENVILLE	10	6	5	<5	<5	<5	<5	<5	<5	0	37
BOSSIER	77	28	32	12	19	19	8	19	9	15	177
CADDO	202	194	54	28	55	35	56	39	16	71	553
CALCASIEU	61	27	67	28	30	32	18	11	31	5	536
CALDWELL	<5	<5	<5	5	<5	<5	0	<5	0	<5	23
CAMERON	<5	<5	<5	0	0	0	0	<5	<5	0	15
CATAHOULA	14	<5	6	<5	<5	<5	0	<5	0	5	21
CLAIBORNE	15	<5	<5	<5	11	<5	<5	<5	<5	<5	32
CONCORDIA	16	7	12	<5	<5	7	0	<5	<5	<5	63
DESOTO	20	7	9	6	5	6	<5	<5	<5	<5	67
E BATON ROUGE	224	24	76	123	75	53	113	30	41	<5	821
EAST CARROLL	6	<5	0	<5	<5	0	0	0	0	0	22
E FELICIANA	<5	6	5	8	6	<5	7	<5	<5	0	67
EVANGELINE	19	11	16	8	16	5	0	5	<5	<5	69
FRANKLIN	<5	<5	<5	<5	6	<5	<5	<5	0	0	34
GRANT	18	13	8	<5	<5	<5	<5	<5	<5	<5	37
IBERIA	44	8	22	13	13	11	6	8	7	<5	153
IBERVILLE	<5	26	5	17	<5	<5	<5	<5	6	<5	67

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident

139

CAUSES OF DEATH (WITH ICD-10 CODES) BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALZHEIMER'S DISEASE (G30) DEATHS	DIABETES MELLITUS (E10-E14) DEATHS	SEPTICEMIA (A40-A41) DEATHS	NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS (N00-N07,N17-N19,N25-N27) DEATHS	INFLUENZA AND PNEUMONIA (J10-J18) DEATHS	INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0) DEATHS	ASSAULT (HOMICIDE) (X85-Y09,Y87.1) DEATHS	CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74) DEATHS	PARKINSON'S DISEASE (G20-G21) DEATHS	ESSENTIAL (PRIMARY) HYPERTENSION AND HYPERTENSIVE RENAL DISEASE (I10,I12) DEATHS	ALL OTHERS DEATHS
STATE TOTAL	2166	1249	1058	1045	762	697	633	532	476	361	9013
JACKSON	7	5	0	<5	7	<5	<5	<5	<5	10	27
JEFFERSON	178	125	103	107	49	66	57	62	59	34	951
JEFF DAVIS	28	17	11	6	5	6	0	<5	5	<5	53
LAFAYETTE	136	55	31	44	26	35	26	21	20	5	275
LAFOURCHE	16	27	19	22	16	20	6	17	7	9	192
LASALLE	5	7	<5	6	7	<5	0	<5	<5	<5	45
LINCOLN	30	21	11	<5	7	<5	<5	5	6	<5	100
LIVINGSTON	38	9	32	19	11	18	13	13	10	0	195
MADISON	14	<5	0	<5	<5	0	<5	<5	0	0	37
MOREHOUSE	15	13	9	11	6	<5	<5	<5	5	9	61
NATCHITOCHES	19	6	<5	6	<5	<5	<5	6	5	6	82
ORLEANS	101	68	83	106	28	54	135	46	24	24	677
OUACHITA	86	137	38	33	19	20	28	16	11	21	281
PLAQUEMINES	5	8	7	5	<5	7	<5	<5	<5	<5	41
POINTE COUPEE	13	<5	7	5	<5	5	<5	<5	<5	<5	33
RAPIDES	103	8	35	17	53	16	19	21	24	<5	254
RED RIVER	5	10	<5	<5	<5	<5	<5	<5	0	<5	23
RICHLAND	5	<5	6	10	7	<5	<5	<5	0	0	34
SABINE	30	17	<5	6	<5	8	<5	<5	<5	5	46
ST BERNARD	<5	7	10	10	5	9	<5	6	<5	<5	95
ST CHARLES	12	14	9	13	<5	11	<5	5	8	<5	106
ST HELENA	<5	11	<5	9	<5	<5	<5	<5	0	7	24
ST JAMES	6	9	<5	9	<5	5	<5	6	0	<5	52
ST JOHN	11	11	12	15	<5	<5	6	<5	<5	<5	87

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident

CAUSES OF DEATH (WITH ICD-10 CODES) BY PARISH OF RESIDENCE

Louisiana, 2017

PARISH	ALZHEIMER'S DISEASE (G30)	DIABETES MELLITUS (E10-E14)	SEPTICEMIA (A40-A41)	NEPHRITIS, NEPHROTIC SYNDROME & NEPHROSIS (N00-N07,N17-N19,N25-N27)	INFLUENZA AND PNEUMONIA (J10-J18)	INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	PARKINSON'S DISEASE (G20-G21)	ESSENTIAL (PRIMARY) HYPERTENSION AND HYPERTENSIVE RENAL DISEASE (I10,I12)	ALL OTHERS
	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS	DEATHS
STATE TOTAL	**2166**	**1249**	**1058**	**1045**	**762**	**697**	**633**	**532**	**476**	**361**	**9013**
ST LANDRY	61	17	24	27	16	21	6	7	15	<5	154
ST MARTIN	24	9	14	7	8	9	<5	5	6	<5	66
ST MARY	29	26	12	15	6	6	<5	6	6	7	97
ST TAMMANY	85	27	46	75	33	35	17	34	24	8	502
TANGIPAHOA	63	29	28	37	25	23	15	14	16	7	233
TENSAS	<5	<5	<5	<5	<5	<5	0	0	0	0	12
TERREBONNE	27	43	28	21	19	15	8	15	8	6	225
UNION	16	15	<5	<5	9	<5	<5	<5	8	6	71
VERMILION	45	5	6	12	5	15	<5	<5	10	<5	70
VERNON	14	18	10	9	12	13	<5	<5	<5	0	57
WASHINGTON	24	12	13	13	13	7	<5	14	<5	8	133
WEBSTER	19	31	7	6	14	8	<5	<5	6	10	117
W BATON ROUGE	<5	5	6	<5	6	<5	<5	<5	<5	<5	43
WEST CARROLL	5	<5	<5	<5	8	<5	0	<5	<5	0	24
W FELICIANA	<5	<5	<5	<5	<5	8	<5	<5	<5	0	48
WINN	<5	<5	5	<5	6	<5	<5	<5	<5	<5	36
UNKNOWN***	0	0	0	0	0	1	0	0	0	0	24
OUT OF STATE**	16	26	52	21	23	25	20	13	3	11	257

FREQUENCIES BETWEEN 1-4 REPLACED BY <5 TO PROTECT CONFIDENTIALITY OF RECORDS

**Not included in state totals

***Parish of Residence unknown, assumed Louisiana resident