



# **REPORT ON THE 2020 BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM (BRFSS) IN LOUISIANA**

**Prepared for the Louisiana  
Department of Health**

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# Introduction

The Behavioral Risk Factor Surveillance System (BRFSS) is an annual, ongoing national study administered by the federal Centers for Disease Control and Prevention and the public state departments of health that encompasses telephone surveys in each state. The BRFSS has helped state policy makers track changes in health quality within and across states. The value of the BRFSS project is its ability to compare health-related outcomes and behaviors across groups within the population, to place them in the context of other U.S. states and territories, and to track them over time. The BRFSS provides a systematic analysis of common risk factors leading to a host of problematic health outcomes. By isolating predictive risk factors, public health officials can target preventative strategies to demographic groups. In addition, by identifying current health patterns, we are better able to identify areas in which the general health of Louisiana residents is improving and monitor problematic developments.

In addition to annual sections of the survey, the 2020 BRFSS included rotating sections on sleep; oral health; disability; falls and injuries; seat belt use and driving under the influence of alcohol; and screening for breast, cervical, prostate and colon cancers. This year's survey in Louisiana also included optional modules on cancer survivorship; hepatitis treatment; occupation and industry of employment; sex at birth; and sexual orientation and gender identity.

Louisiana is overwhelmingly categorized as an at-risk state in the majority of public health studies. The state suffers from persistent poverty, below average educational attainment, and poor health outcomes when compared to peers across the United States. Each of these factors are associated with health outcomes. Consequently, Louisiana residents in general struggle with a variety of negative health issues.

*Note: In tables below, cells displaying '---' indicate no respondents provided the particular response or too few (usually just on) respondents did so to permit estimates of confidence intervals or population counts.*

# 1. Subjective Health Evaluation

*Analysis of Section 1 ("Health Status") of the 2020 BRFSS Questionnaire*

Four in five adult Louisiana residents describe their health positively, including those who say their health is "excellent" (19.3%), "very good" (31.5%), or "good" (29.2%). The share describing their health positively grew by approximately three percentage points from 77.1% in 2019. In contrast, one in five describes their health as either "fair" (15.0%) or "poor" (4.7%).

These subjective assessments about the overall quality of one's health vary with respondent age. For example, while approximately 90% of Louisiana adult residents under the age of 35 believe their health is "good" or better, this share drops to about 70% among those 65 years or older.

Self-assessments of health also differ across genders, on average. A larger share of men (82.2%) than women (77.8%) describe the quality of their health in positive terms.

A significant gap opened Black respondents' and White respondents' views of their own health in 2020. In 2019, there was no statistically significant difference between these groups' subjective health assessments. In 2020, the share of White respondents who describe their health positively rose six

percentage points from 77.7% to 83.7%, while among Black respondents this share fell from 75.8% to 72.9%. Unlike the trend for White respondents, this shift of three percentage points among Black respondents is not statistically significant at customary thresholds. This share also fell among Hispanic respondents by approximately seven percentage points. However, due to the relatively small number of Hispanic respondents among the sample, the data lack the statistical power to determine whether this shift reflects true change or fluctuations due to random sampling.

Differences across socio-economic status also appear in these responses. The share of individuals without a high school diploma who think their health is "good" or better is 60.4%, while the share among those with a four-year college degree is 91.0%.

Similarly, 67.1% of respondents with annual household earnings less than \$25,000 (roughly the bottom 30% of households in Louisiana) evaluated their general health positively, and 93.4% of individuals with annual household earnings above \$75,000 (roughly the top 30% of households in Louisiana) do so.

**Table 1: Subjective assessment of own health**

	"Good" or better health			"Poor" or "Fair" health			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	79.9	[78.3,81.4]	2,844,623	19.7	[18.2,21.3]	701,413	0.4	[0.2,0.7]
AGE								
18-24	91.6	[87.2,94.6]	393,857	8.1	[5.2,12.5]	34,937	0.3	[0.0,2.1]
25-34	88.9	[84.8,92.1]	570,917	11.0	[7.9,15.2]	70,776	0.1	[0.0,0.4]
35-44	83.2	[78.7,86.9]	494,705	16.8	[13.1,21.3]	100,103	---	---
45-54	78.2	[74.2,81.8]	423,508	21.5	[18.0,25.6]	116,567	0.2	[0.0,1.6]
55-64	72.2	[68.2,75.9]	422,789	26.9	[23.3,31.0]	157,804	0.9	[0.3,2.2]
65 and over	70.3	[66.8,73.6]	538,847	28.9	[25.6,32.3]	221,225	0.8	[0.3,2.2]
GENDER								
Male	82.2	[79.8,84.4]	1,405,603	17.5	[15.3,19.8]	298,568	0.3	[0.1,0.9]
Female	77.8	[75.5,79.9]	1,439,020	21.8	[19.7,24.0]	402,844	0.5	[0.2,1.0]
RACE-ETHNICITY								
White, Non-Hispanic	83.7	[82.0,85.2]	1,739,114	16.0	[14.5,17.6]	332,564	0.3	[0.1,0.9]
Black, Non-Hispanic	72.9	[69.1,76.4]	778,397	26.6	[23.1,30.4]	283,873	0.5	[0.2,1.2]
Hispanic	78.1	[66.6,86.5]	149,048	21.9	[13.5,33.4]	41,744	---	---
Other, Non-Hispanic	81.1	[74.1,86.6]	102,474	18.6	[13.2,25.5]	23,455	0.3	[0.0,2.1]
Don't know/No answer	78.2	[68.2,85.7]	75,589	20.5	[13.2,30.2]	19,777	1.4	[0.2,9.1]
EDUCATION								
Did not graduate HS	60.4	[54.0,66.4]	324,743	38.7	[32.7,45.0]	207,960	0.9	[0.3,3.0]
HS diploma/equivalent	78.6	[75.9,81.1]	949,641	21.1	[18.6,23.8]	254,853	0.3	[0.1,1.0]
Some college/2-year college degree	83.3	[80.5,85.7]	849,628	16.2	[13.8,19.0]	165,716	0.5	[0.2,1.1]
4-year college degree or higher	91.0	[89.3,92.6]	703,379	8.9	[7.4,10.7]	68,929	0.0	[0.0,0.2]
Don't know/No answer	89.2	[60.8,97.8]	17,231	10.8	[2.2,39.2]	2,097	---	---
HOUSEHOLD INCOME								
Less than \$25,000	67.1	[63.3,70.8]	600,502	32.5	[28.9,36.3]	290,496	0.4	[0.1,1.1]
\$25,000-\$49,999	80.3	[76.5,83.7]	531,032	18.8	[15.6,22.6]	124,510	0.8	[0.3,2.3]
\$50,000-\$74,999	85.4	[80.3,89.3]	325,892	14.6	[10.7,19.7]	55,734	---	---
\$75,000 or more	93.4	[91.6,94.8]	830,746	6.6	[5.2,8.4]	58,949	---	---
Don't know/No answer	75.9	[71.6,79.6]	556,450	23.4	[19.7,27.6]	171,722	0.7	[0.3,2.0]

## 2. Health Related Quality of Life

*Analysis of Section 2 ("Healthy Days") of the 2020 BRFSS Questionnaire*

On average, adults in Louisiana report that they experience 4.1 days of poor physical health in a month. This marks a decline from 4.7 days reported in 2019 and toward the level reported in 2018 (also 4.1 days).

Louisiana residents report even more days of poor mental health in a month (5.5 days). Furthermore, this average remains the same as 2019 (also 5.5 days). Both of the past two years are higher than in 2018 (4.9 days).

Poor health – either physical or mental – interferes with Louisiana adults' usual activities 6.1 days per month on average. This, too, is similar to 2019.

The frequency of poor physical health is highest among the oldest state residents. Elderly residents of Louisiana report more than five days of poor physical health in a month. In contrast, residents between the ages of 25 and 34 experience three days, and residents under the age of 25 experience fewer than two days of poor physical health in a month. The pattern flips for mental

health. Adults under the age of 25 report more than seven days of poor mental health in a month, while adults 65 and older report less than half this amount on average.

Women report more days of poor physical health and more days of poor mental health than men do. For physical health, the difference is approximately one day (4.5 days for women versus 3.7 days for men). The gap is larger for mental health. Women report 6.3 days of poor mental health, while men report 4.6 days.

Experiences of poor physical or mental health as well as instances in which poor health interferes with routine activities are more common among individuals with less education or lower household incomes. For example, individuals in the bottom 30% of household income report 6.5 days of poor physical health and 8.1 days of poor mental health in a month on average, whereas the top 30% of household earners report 1.9 days and 3.9 days, respectively.

**Table 2: Health days in past month**

	Days physical health not good in last month		Days mental health not good in last month		Days poor health kept from activities	
	Mean	95% CI	Mean	95% CI	Mean	95% CI
Total	4.1	[3.8, 4.5]	5.5	[5.1, 5.9]	6.1	[5.6, 6.6]
AGE						
18-24	1.9	[1.2, 2.5]	7.1	[5.9, 8.4]	3.5	[2.4, 4.5]
25-34	3.0	[2.2, 3.8]	6.4	[5.3, 7.5]	4.9	[3.7, 6]
35-44	3.8	[2.7, 4.8]	6.9	[5.8, 8.1]	6.1	[4.7, 7.4]
45-54	4.8	[4.0, 5.7]	5.0	[4.2, 5.8]	7.3	[6, 8.6]
55-64	5.3	[4.5, 6.1]	5.2	[4.4, 6]	7.6	[6.3, 8.8]
65 and over	5.3	[4.6, 5.9]	3.3	[2.8, 3.7]	7.0	[6, 8]
GENDER						
Male	3.7	[3.2, 4.2]	4.6	[4.1, 5.2]	5.7	[4.9, 6.6]
Female	4.5	[4.1, 5.0]	6.3	[5.8, 6.8]	6.3	[5.7, 6.9]
RACE-ETHNICITY						
White, Non-Hispanic	3.7	[3.3, 4.1]	5.3	[4.8, 5.7]	5.4	[4.9, 6]
Black, Non-Hispanic	4.8	[4.0, 5.5]	5.6	[4.7, 6.4]	6.9	[5.8, 7.9]
Hispanic	5.5	[3.0, 8.0]	7.3	[4.9, 9.7]	6.1	[3.5, 8.7]
Other, Non-Hispanic	3.5	[2.3, 4.8]	6.6	[5, 8.1]	7.3	[5.3, 9.4]
Don't know/No answer	4.2	[2.1, 6.4]	4.9	[2.9, 7]	8.6	[5, 12.1]
EDUCATION						
Did not graduate HS	7.2	[5.8, 8.6]	7.5	[6, 9.1]	9.1	[7.4, 10.8]
HS diploma/equivalent	3.8	[3.3, 4.3]	4.9	[4.3, 5.4]	5.3	[4.6, 6]
Some college/2-year college degree	4.2	[3.6, 4.9]	6.4	[5.7, 7.1]	6.6	[5.6, 7.6]
4-year college degree or higher	2.4	[2.1, 2.8]	4.0	[3.5, 4.5]	3.9	[3.3, 4.5]
Don't know/No answer	6.5	[0.0, 14.5]	4.9	-0.6 10.4	2.7	[0.3, 5.1]
HOUSEHOLD INCOME						
Less than \$25,000	6.5	[5.6, 7.3]	8.1	[7.2, 9]	8.3	[7.3, 9.3]
\$25,000-\$49,999	3.9	[3.3, 4.5]	5.8	[4.8, 6.8]	5.5	[4.5, 6.5]
\$50,000-\$74,999	3.6	[2.5, 4.7]	4.6	[3.7, 5.5]	4.9	[3.3, 6.6]
\$75,000 or more	1.9	[1.5, 2.2]	3.9	[3.4, 4.5]	3.7	[2.9, 4.4]
Don't know/No answer	4.7	[3.8, 5.5]	4.6	[3.8, 5.3]	6.4	[5.1, 7.7]

### 3. Access to Care

*Analysis of Section 3 ("Health Care Access") of the 2020 BRFSS Questionnaire*

#### HEALTH CARE COVERAGE

The share of the state's non-elderly adult population (age 18 to 64) without health care coverage – whether through health insurance plans, HMOs, or government plans – is 13.3%. Across the United States as a whole, 13.2% report no coverage.

The share of non-elderly adults without coverage among individuals with household incomes less than \$25,000 is 19.1%. Among those in the top 30% of household incomes, 4.9% of non-elderly adults lack coverage. Likewise, among non-elderly adults without a high school diploma, 25.7% lack coverage while just 5.6% of non-elderly adults with a four-year college degree have no coverage.

There is also a gap in coverage between genders. 17.0% of non-elderly men lack coverage, while 9.6% of women do.

#### HEALTH CARE ACCESS: PRIMARY CARE PROVIDERS

Primary care providers are physicians, physician assistants, or nurse practitioners who serve as coordinators of patient health and as trustees of patient wellness. They are a crucial component of maintaining individual health because they focus on preventive care rather than illness management. Research suggests that individuals who regularly visit a primary care provider have better health outcomes and are better able to manage their health care. In Louisiana, 77.6% of adults report having someone they consider their personal doctor or health care provider.

There are gaps in access to primary care by socio-economic status. Approximately three in four Louisiana adults (73.3%) with household incomes below \$25,000 have a primary care provider while 84.2% of those with household incomes of \$75,000 or more.

Similarly, 69.6% of adults without a high school diploma have a primary care provider while 83.9% of college graduates have a provider.

There is also a substantial difference across genders. Among women, 85.3% have a primary care provider compared to 69.4% of men.

#### HEALTH CARE ACCESS: FREQUENCY OF ROUTINE CHECKUPS

Approximately three-fourths (76.5%) of adults in Louisiana report that they visited a doctor for a routine checkup over the past year. Women and older individuals are more likely to see a doctor for routine checkups. More than eight-in-ten women (82.9%) have done so in the previous year, but only 69.6% of men have.

Over ninety percent of seniors (91.4%) have seen a doctor for a routine checkup in the previous year. In contrast, this share drops for younger ages. For example, 65.5% of adults ages 18-24 have had a routine checkup in the previous year.

White adults in Louisiana are also less likely to have had a routine checkup. Three-fourths report such a visit, while 83% of Black Louisianans have had a checkup in the previous year.

#### HEALTH CARE ACCESS: PROHIBITIVE COSTS

11.6% of adults in the state say there was a time in the previous year when they needed to see a doctor but were unable to because of cost. Socio-economic status is strongly associated with ability to pay for care. 17.1% of individuals with household incomes less than \$25,000 (roughly the bottom 30% of households in Louisiana) reported being unable to see a doctor because of cost,

compared to roughly six percent of individuals with household incomes of

\$75,000 or more (roughly the top thirty percent of households).

**Table 3A: Respondents age 18 to 64 with health care coverage**

	Has coverage			No coverage			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	85.3	[83.4,87.1]	2,384,508	13.5	[11.9,15.3]	377,790	1.1	[0.6,2.0]
AGE								
18-24	86.2	[79.4,91.0]	370,561	12.3	[7.7,19.0]	52,906	1.5	[0.5,4.4]
25-34	80.5	[75.3,84.7]	516,663	18.0	[14.0,23.0]	115,879	1.5	[0.5,4.8]
35-44	85.0	[81.1,88.2]	505,453	13.8	[10.9,17.3]	82,106	1.2	[0.3,5.4]
45-54	87.8	[84.3,90.6]	475,306	11.5	[8.8,15.0]	62,217	0.7	[0.3,1.6]
55-64	88.2	[85.0,90.8]	516,525	11.0	[8.6,14.1]	64,682	0.8	[0.2,3.0]
65 and over	---	---	---	---	---	---	---	---
GENDER								
Male	80.8	[77.6,83.6]	1,106,563	17.6	[14.9,20.7]	241,303	1.6	[0.8,3.2]
Female	89.8	[87.7,91.5]	1,277,945	9.6	[7.9,11.5]	136,487	0.7	[0.2,2.1]
RACE-ETHNICITY								
White, Non-Hispanic	87.8	[85.7,89.6]	1,357,162	11.6	[9.8,13.6]	179,246	0.6	[0.3,1.2]
Black, Non-Hispanic	83.5	[79.2,87.1]	739,906	14.9	[11.6,19.0]	132,275	1.6	[0.5,4.7]
Hispanic	78.0	[67.0,86.2]	139,951	21.5	[13.5,32.6]	38,628	0.4	[0.1,2.9]
Other, Non-Hispanic	82.3	[73.8,88.5]	89,920	17.3	[11.1,25.8]	18,860	0.4	[0.1,3.1]
Don't know/No answer	79.2	[64.5,88.8]	57,569	12.1	[6.2,22.1]	8,782	8.8	[2.5,26.7]
EDUCATION								
Did not graduate HS	71.0	[63.2,77.7]	278,801	26.6	[20.2,34.2]	104,453	2.4	[0.7,8.3]
HS diploma/equivalent	82.8	[79.1,85.9]	784,137	15.5	[12.5,19.0]	146,458	1.8	[0.8,3.9]
Some college/2-year college degree	88.8	[86.0,91.0]	723,510	11.1	[8.8,13.8]	90,107	0.2	[0.0,0.7]
4-year college degree or higher	94.1	[92.3,95.5]	584,807	5.6	[4.2,7.4]	34,656	0.3	[0.1,0.7]
Don't know/No answer	73.6	[43.2,91.0]	11,395	13.7	[3.8,38.9]	2,116	12.8	[2.4,46.2]
HOUSEHOLD INCOME								
Less than \$25,000	78.9	[74.2,82.9]	562,388	19.1	[15.4,23.4]	136,112	2.0	[0.7,5.8]
\$25,000-\$49,999	83.3	[78.6,87.2]	406,175	16.4	[12.6,21.2]	80,137	0.2	[0.0,1.0]
\$50,000-\$74,999	89.5	[85.3,92.6]	269,963	10.3	[7.3,14.5]	31,216	0.2	[0.0,1.1]
\$75,000 or more	94.7	[92.7,96.1]	731,923	4.9	[3.5,6.8]	38,141	0.4	[0.1,1.4]
Don't know/No answer	79.8	[74.0,84.6]	414,059	17.8	[13.2,23.5]	92,185	2.4	[1.2,5.0]

**Table 3B: Respondent has primary health care provider**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	77.6	[75.8,79.4]	2,763,825	21.5	[19.8,23.3]	764,947	0.9	[0.6,1.4]
AGE								
18-24	62.8	[55.5,69.5]	269,945	35.1	[28.4,42.4]	150,907	2.2	[0.8,5.4]
25-34	62.8	[57.3,68.0]	403,514	36.7	[31.5,42.2]	235,420	0.5	[0.2,1.3]
35-44	74.0	[69.5,78.1]	440,222	25.5	[21.5,30.1]	151,942	0.4	[0.1,3.1]
45-54	80.8	[76.7,84.3]	437,350	18.2	[14.8,22.1]	98,587	1.0	[0.3,3.4]
55-64	82.9	[79.2,86.1]	485,567	16.8	[13.6,20.5]	98,226	0.3	[0.1,1.3]
65 and over	94.9	[93.4,96.1]	727,227	3.9	[2.9,5.2]	29,866	1.2	[0.7,2.2]
GENDER								
Male	69.4	[66.3,72.3]	1,186,301	29.8	[26.9,32.9]	509,931	0.8	[0.4,1.4]
Female	85.3	[83.2,87.1]	1,577,523	13.8	[12.0,15.7]	255,016	1.0	[0.5,1.8]
RACE-ETHNICITY								
White, Non-Hispanic	79.9	[78.0,81.8]	1,661,935	19.3	[17.5,21.2]	401,164	0.8	[0.4,1.4]
Black, Non-Hispanic	77.2	[73.0,80.8]	823,900	22.0	[18.3,26.1]	234,381	0.9	[0.3,2.2]
Hispanic	59.0	[47.3,69.7]	112,550	40.1	[29.4,51.9]	76,561	0.9	[0.1,6.0]
Other, Non-Hispanic	75.8	[67.7,82.4]	95,751	23.1	[16.6,31.2]	29,161	1.1	[0.3,4.7]
Don't know/No answer	72.1	[60.3,81.4]	69,689	24.5	[15.6,36.3]	23,681	3.4	[1.2,9.4]
EDUCATION								
Did not graduate HS	69.6	[63.0,75.5]	374,414	28.2	[22.5,34.8]	151,681	2.2	[0.9,5.1]
HS diploma/equivalent	78.0	[74.8,80.9]	942,732	21.4	[18.5,24.7]	259,227	0.6	[0.2,1.2]
Some college/2-year college degree	77.4	[73.9,80.6]	789,940	22.0	[18.8,25.4]	223,993	0.6	[0.3,1.4]
4-year college degree or higher	83.9	[81.5,86.1]	648,329	15.6	[13.5,18.0]	120,440	0.5	[0.2,1.2]
Don't know/No answer	33.9	[14.9,60.1]	6,551	49.7	[23.7,75.9]	9,605	16.4	[3.3,52.8]
HOUSEHOLD INCOME								
Less than \$25,000	73.3	[69.2,77.0]	655,245	25.5	[21.9,29.6]	228,209	1.2	[0.6,2.7]
\$25,000-\$49,999	77.7	[73.1,81.7]	513,469	21.1	[17.2,25.6]	139,659	1.2	[0.4,3.1]
\$50,000-\$74,999	81.0	[75.6,85.4]	308,970	19.0	[14.6,24.4]	72,656	---	---
\$75,000 or more	84.2	[81.4,86.7]	749,415	15.5	[13.1,18.2]	137,662	0.3	[0.1,1.0]
Don't know/No answer	73.2	[68.4,77.5]	536,725	25.5	[21.2,30.3]	186,762	1.4	[0.6,2.9]

**Table 3C: Had a routine checkup in past year**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	76.5	[74.7,78.2]	2,724,218	21.4	[19.8,23.1]	762,800	2.1	[1.4,2.9]
AGE								
18-24	65.5	[58.5,71.9]	281,805	29.9	[24.1,36.4]	128,451	4.6	[1.8,11.2]
25-34	63.4	[58.0,68.4]	406,928	31.7	[26.9,36.9]	203,507	4.9	[2.9,8.4]
35-44	72.7	[68.1,76.8]	432,203	26.7	[22.6,31.2]	158,753	0.6	[0.3,1.5]
45-54	77.2	[73.2,80.8]	418,037	21.5	[17.9,25.5]	116,204	1.3	[0.7,2.4]
55-64	82.8	[79.2,85.8]	484,848	16.8	[13.8,20.4]	98,447	0.4	[0.2,1.0]
65 and over	91.4	[89.4,93.1]	700,396	7.5	[5.9,9.4]	57,437	1.1	[0.6,1.9]
GENDER								
Male	69.6	[66.7,72.4]	1,189,673	27.4	[24.7,30.2]	468,128	3.0	[1.9,4.8]
Female	82.9	[80.9,84.8]	1,534,545	15.9	[14.1,17.9]	294,671	1.1	[0.7,1.9]
RACE-ETHNICITY								
White, Non-Hispanic	75.0	[72.9,76.9]	1,558,253	23.5	[21.6,25.6]	489,163	1.5	[1.0,2.3]
Black, Non-Hispanic	83.0	[79.3,86.2]	886,419	15.1	[12.2,18.4]	160,785	1.9	[0.7,4.9]
Hispanic	64.0	[52.4,74.2]	122,183	31.9	[22.2,43.6]	60,909	4.0	[1.3,11.4]
Other, Non-Hispanic	72.2	[63.3,79.7]	91,233	22.9	[15.9,31.6]	28,867	4.9	[2.1,10.9]
Don't know/No answer	68.4	[56.1,78.5]	66,130	23.9	[15.3,35.3]	23,076	7.7	[2.7,20.2]
EDUCATION								
Did not graduate HS	70.1	[63.5,75.9]	376,857	27.1	[21.5,33.6]	145,926	2.8	[1.2,6.4]
HS diploma/equivalent	77.6	[74.5,80.4]	938,062	19.8	[17.3,22.7]	239,920	2.5	[1.3,4.8]
Some college/2-year college degree	76.6	[73.3,79.6]	781,390	21.6	[18.8,24.8]	220,554	1.8	[1.0,3.2]
4-year college degree or higher	79.2	[76.6,81.6]	611,679	19.7	[17.4,22.3]	152,221	1.1	[0.7,1.8]
Don't know/No answer	74.4	[48.5,89.9]	14,371	21.6	[7.7,47.8]	4,178	4.0	[0.8,18.6]
HOUSEHOLD INCOME								
Less than \$25,000	75.9	[71.9,79.5]	679,326	22.6	[19.1,26.6]	202,385	1.4	[0.6,3.2]
\$25,000-\$49,999	79.3	[75.4,82.7]	523,931	20.0	[16.7,23.9]	132,360	0.7	[0.3,1.6]
\$50,000-\$74,999	74.5	[69.0,79.4]	284,431	24.4	[19.7,29.9]	93,253	1.0	[0.2,5.7]
\$75,000 or more	77.9	[74.8,80.7]	693,121	21.0	[18.3,24.1]	187,254	1.0	[0.6,1.9]
Don't know/No answer	74.1	[69.5,78.2]	543,407	20.1	[16.6,24.1]	147,547	5.8	[3.5,9.6]

**Table 3D: There was a time in past year when could not see a doctor due to cost**

	Could not afford care			Could afford care			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	11.6	[10.3,13.0]	411,948	88.0	[86.6,89.3]	3,132,399	0.4	[0.3,0.7]
AGE								
18-24	11.4	[7.5,16.8]	48,856	88.3	[82.8,92.2]	379,760	0.3	[0.0,2.4]
25-34	14.9	[11.4,19.3]	95,812	85.0	[80.7,88.5]	545,871	0.1	[0.0,0.4]
35-44	15.5	[12.1,19.5]	92,059	84.2	[80.2,87.6]	500,924	0.3	[0.1,1.4]
45-54	12.3	[9.7,15.6]	66,716	87.2	[83.9,89.9]	471,800	0.5	[0.1,1.8]
55-64	11.5	[9.0,14.7]	67,484	87.6	[84.4,90.3]	513,167	0.8	[0.3,2.4]
65 and over	5.4	[3.6,7.8]	41,022	94.1	[91.6,95.8]	720,879	0.6	[0.3,1.2]
GENDER								
Male	12.5	[10.6,14.8]	214,533	87.0	[84.7,89.0]	1,486,973	0.5	[0.2,1.0]
Female	10.7	[9.1,12.5]	197,415	88.9	[87.1,90.5]	1,645,426	0.4	[0.2,0.8]
RACE-ETHNICITY								
White, Non-Hispanic	10.1	[8.7,11.7]	209,480	89.6	[88.0,91.0]	1,863,322	0.3	[0.1,0.6]
Black, Non-Hispanic	13.4	[10.7,16.7]	142,987	86.1	[82.8,88.8]	918,967	0.5	[0.2,1.3]
Hispanic	13.6	[7.6,22.9]	25,894	85.3	[75.8,91.5]	162,714	1.1	[0.2,7.7]
Other, Non-Hispanic	15.4	[10.3,22.5]	19,512	84.6	[77.5,89.7]	106,793	---	---
Don't know/No answer	14.6	[8.6,23.5]	14,075	83.4	[74.4,89.6]	80,603	2.1	[0.7,5.7]
EDUCATION								
Did not graduate HS	20.6	[15.6,26.7]	110,601	78.3	[72.2,83.3]	420,911	1.2	[0.5,2.8]
HS diploma/equivalent	10.2	[8.5,12.3]	123,832	89.3	[87.2,91.0]	1,078,946	0.5	[0.2,1.2]
Some college/2-year college degree	12.6	[10.2,15.4]	128,227	87.3	[84.5,89.6]	890,416	0.1	[0.0,0.5]
4-year college degree or higher	6.3	[5.0,7.8]	48,427	93.5	[92.0,94.8]	722,405	0.2	[0.1,0.6]
Don't know/No answer	4.5	[0.8,20.7]	861	92.4	[75.2,98.0]	17,862	3.1	[0.4,20.0]
HOUSEHOLD INCOME								
Less than \$25,000	17.1	[14.2,20.3]	152,555	82.2	[78.9,85.0]	735,152	0.8	[0.3,1.8]
\$25,000-\$49,999	12.8	[9.8,16.7]	84,800	86.7	[82.8,89.8]	572,784	0.5	[0.2,1.6]
\$50,000-\$74,999	8.7	[5.6,13.2]	33,093	91.2	[86.7,94.3]	348,148	0.1	[0.0,0.7]
\$75,000 or more	5.9	[4.4,8.0]	52,924	94.1	[92.0,95.6]	836,771	---	---
Don't know/No answer	12.1	[9.2,15.8]	88,576	87.2	[83.5,90.2]	639,544	0.7	[0.3,1.5]

## 4. Exercise

### *Analysis of Section 4 ("Exercise") of the 2020 BRFSS Questionnaire*

Regular exercise is important for managing overall health and mitigating risk of many negative health conditions such as obesity and heart disease. In Louisiana, 70.8% of adults report that they engage in some sort of physical activity or exercise during the previous month beyond what they do for their jobs.

Exercise is associated with a number of demographic characteristics. More men report engaging in physical activity than women (by approximately nine percentage points).

Physical activity is also more common on younger adults than older adults. Finally, those with higher levels of education attainment and larger household incomes report more physical activity than those with lower levels of education or household incomes by about 25 percentage points.

**Table 4: Has engaged in physical activity other than job in past month**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	70.8	[69.0,72.5]	2,520,262	29.0	[27.3,30.7]	1,031,045	0.3	[0.1,0.4]
AGE								
18-24	83.0	[77.4,87.5]	357,090	16.8	[12.4,22.4]	72,307	0.2	[0.0,1.2]
25-34	77.8	[73.1,81.9]	499,454	22.2	[18.1,26.9]	142,229	0.1	[0.0,0.4]
35-44	74.3	[69.6,78.5]	441,876	25.4	[21.1,30.1]	150,818	0.4	[0.1,1.0]
45-54	68.0	[63.6,72.1]	368,221	32.0	[27.9,36.4]	173,091	---	--
55-64	66.1	[62.2,69.8]	387,193	33.7	[30.0,37.6]	197,441	0.2	[0.0,0.7]
65 and over	60.9	[57.5,64.1]	466,427	38.5	[35.3,41.8]	295,159	0.6	[0.3,1.4]
GENDER								
Male	75.4	[72.8,77.7]	1,288,696	24.3	[22.0,26.9]	416,067	0.3	[0.1,0.6]
Female	66.6	[64.1,68.9]	1,231,566	33.2	[30.9,35.7]	614,977	0.2	[0.1,0.5]
RACE-ETHNICITY								
White, Non-Hispanic	72.1	[70.1,74.1]	1,499,666	27.7	[25.8,29.7]	575,505	0.2	[0.1,0.5]
Black, Non-Hispanic	68.2	[64.5,71.8]	728,618	31.5	[28.0,35.3]	336,598	0.2	[0.1,0.6]
Hispanic	71.7	[60.7,80.5]	136,708	28.3	[19.5,39.3]	54,084	---	--
Other, Non-Hispanic	70.2	[61.7,77.4]	88,605	28.7	[21.5,37.1]	36,206	1.2	[0.3,4.0]
Don't know/No answer	68.9	[57.9,78.2]	66,664	29.6	[20.6,40.6]	28,650	1.4	[0.3,5.6]
EDUCATION								
Did not graduate HS	56.4	[50.1,62.6]	303,546	43.0	[37.0,49.4]	231,499	0.5	[0.2,1.7]
HS diploma/equivalent	68.6	[65.6,71.5]	829,519	31.2	[28.3,34.3]	377,062	0.2	[0.1,0.6]
Some college/2-year college degree	72.2	[69.0,75.1]	736,157	27.6	[24.6,30.8]	281,740	0.2	[0.1,0.6]
4-year college degree or higher	81.9	[79.6,83.9]	632,539	17.9	[15.9,20.2]	138,664	0.2	[0.1,0.5]
Don't know/No answer	90.3	[74.0,96.8]	17,446	6.6	[1.9,20.5]	1,277	3.1	[0.4,20.0]
HOUSEHOLD INCOME								
Less than \$25,000	58.5	[54.4,62.4]	523,267	41.3	[37.4,45.4]	369,720	0.2	[0.0,0.6]
\$25,000-\$49,999	69.9	[65.8,73.7]	461,956	29.8	[26.0,34.0]	197,262	0.3	[0.1,1.3]
\$50,000-\$74,999	78.3	[73.9,82.1]	298,714	21.6	[17.8,26.0]	82,526	0.1	[0.0,0.7]
\$75,000 or more	84.3	[81.8,86.5]	750,390	15.5	[13.3,18.0]	137,763	0.2	[0.0,0.6]
Don't know/No answer	66.2	[62.0,70.3]	485,934	33.2	[29.2,37.5]	243,772	0.5	[0.2,1.2]

## 5. Inadequate Sleep

*Analysis of Section 5 ("Inadequate Sleep") of the 2020 BRFSS Questionnaire*

Health research has linked insufficient sleep to a number of chronic physical and mental health conditions including diabetes, cardiovascular disease, obesity and depression. The federal Centers for Disease Control and Prevention recommend that adults get at least seven hours of sleep each night, with even more sleep for those over the age of 60 years.

Louisiana adults sleep about as much as the CDC recommends. The number of hours of sleep per night is, on average, seven. Nearly all demographic groups considered here – whether by age, gender, race/ethnicity, educational attainment, or household income – have an average amount of nightly sleep within the margin of error of the recommendation.

**Table 5: Hours of sleep**

	Average hours of sleep	
	Mean	95% CI
Total	7.1	[7.0, 7.2]
AGE		
18-24	7.2	[6.9, 7.4]
25-34	6.9	[6.8, 7.1]
35-44	7.0	[6.7, 7.2]
45-54	7.1	[6.9, 7.2]
55-64	7.1	[6.9, 7.3]
65 and over	7.3	[7.1, 7.4]
GENDER		
Male	7.1	[7, 7.2]
Female	7.1	[7, 7.2]
RACE-ETHNICITY		
White, Non-Hispanic	7.1	[7.1, 7.2]
Black, Non-Hispanic	7.1	[6.9, 7.2]
Hispanic	6.9	[6.3, 7.5]
Other, Non-Hispanic	7.0	[6.6, 7.4]
Don't know/No answer	6.9	[6.5, 7.3]
EDUCATION		
Did not graduate HS	7.4	[7.1, 7.8]
HS diploma/equivalent	7.0	[6.9, 7.2]
Some college/2-year college degree	7.0	[6.9, 7.1]
4-year college degree or higher	7.0	[7, 7.1]
Don't know/No answer	5.7	[4.8, 6.6]
HOUSEHOLD INCOME		
Less than \$25,000	7.2	[7, 7.4]
\$25,000-\$49,999	7.1	[6.9, 7.2]
\$50,000-\$74,999	6.9	[6.7, 7]
\$75,000 or more	7.1	[7, 7.2]
Don't know/No answer	7.1	[6.9, 7.3]

## 6. Asthma & Respiratory Health

*Analysis of Section 6 ("Chronic Health Conditions") of the 2020 BRFSS Questionnaire*

### ASTHMA

Asthma is a chronic inflammation of the airways resulting in coughing, wheezing and tightening of the chest, along with shortness of breath. Illness or allergies can trigger asthmatic attacks, and, in the worst cases, these attacks can be fatal. Incidence of asthma has been increasing throughout the world, with higher rates in more developed, western nations.

About eight percent of adults in Louisiana (7.8%) are currently diagnosed with asthma. This continues a slow trend of increasing incidence since 2011 when 6.6 adults had a current diagnosis of asthma. Asthma incidence is twice as high among women than among men (10% versus 5.3%). These data cannot reveal whether the gap arises from an underlying difference in prevalence of asthma or a difference in the likelihood of seeking or receiving a diagnosis.

Socio-economic status is also related to incidence of asthma – disproportionately affecting those with lower household earnings. For example, among adults with household incomes under \$25,000, roughly the bottom 30% of Louisiana households on the distribution of income, 11.2% suffer from asthma. The share in the top 30% of household income who currently have asthma is only about half this amount (5.6%).

### OTHER RESPIRATORY CONDITIONS

In Louisiana, 8.4% of adults suffer from other respiratory conditions such as chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis.

Respiratory conditions are related to age, gender, and socio-economic status. Risk of respiratory conditions increases markedly late in life. Less than four percent of adults under the age of 35 suffer from COPD, emphysema, or chronic bronchitis, but incidence reaches 14.5% among adults 65 years or older.

While 7.1% of men have ever had one of these conditions, 9.6% of women have.

College graduates are roughly four times less likely to suffer from respiratory conditions (4%) compared to those without a high school diploma (17%). Relatedly, individuals with household earnings of \$75,000 or more are significantly less likely to have respiratory conditions (3.1%) than those in households with income below \$25,000 (13.1%)

**Table 6A: Currently diagnosed with asthma**

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	91.3	[90.1,92.3]	3,249,491	7.8	[6.8,8.9]	276,711	1.0	[0.6,1.4]
AGE								
18-24	91.0	[86.6,94.1]	391,528	8.2	[5.3,12.7]	35,461	0.7	[0.3,2.1]
25-34	92.4	[89.0,94.8]	593,051	6.5	[4.3,9.6]	41,544	1.2	[0.4,3.7]
35-44	91.3	[87.8,93.9]	543,298	7.8	[5.3,11.3]	46,387	0.9	[0.4,1.9]
45-54	87.2	[84.0,89.9]	472,243	11.8	[9.2,15.1]	64,089	0.9	[0.5,1.8]
55-64	92.5	[90.0,94.4]	541,751	6.6	[5.0,8.8]	38,904	0.8	[0.2,3.0]
65 and over	92.3	[90.5,93.8]	707,619	6.6	[5.2,8.3]	50,327	1.1	[0.6,1.9]
GENDER								
Male	93.7	[92.1,95.0]	1,601,801	5.3	[4.1,6.8]	90,795	1.0	[0.5,1.9]
Female	89.0	[87.3,90.5]	1,647,690	10.0	[8.6,11.7]	185,915	0.9	[0.6,1.4]
RACE-ETHNICITY								
White, Non-Hispanic	92.7	[91.5,93.7]	1,926,315	6.7	[5.8,7.9]	140,081	0.6	[0.4,1.0]
Black, Non-Hispanic	89.9	[87.1,92.1]	959,353	9.0	[7.0,11.6]	96,546	1.1	[0.5,2.4]
Hispanic	88.3	[79.8,93.5]	168,443	10.7	[5.7,19.2]	20,390	1.0	[0.2,4.8]
Other, Non-Hispanic	89.8	[83.9,93.7]	113,383	9.3	[5.7,15.0]	11,782	0.9	[0.2,4.6]
Don't know/No answer	84.8	[72.7,92.1]	81,997	8.2	[3.2,19.3]	7,912	7.0	[2.6,17.6]
EDUCATION								
Did not graduate HS	90.0	[86.3,92.9]	484,200	8.8	[6.2,12.3]	47,156	1.2	[0.4,3.6]
HS diploma/equivalent	91.7	[89.6,93.3]	1,107,756	8.0	[6.4,10.1]	97,014	0.3	[0.1,0.7]
Some college/2-year college degree	90.0	[87.4,92.0]	917,644	8.6	[6.7,10.9]	87,391	1.5	[0.8,2.8]
4-year college degree or higher	93.1	[91.5,94.5]	719,353	5.8	[4.6,7.4]	45,150	1.0	[0.6,1.8]
Don't know/No answer	96.6	[80.8,99.5]	18,679	0.0	---	---	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	87.5	[84.7,89.9]	782,870	11.2	[9.0,13.9]	100,245	1.3	[0.6,2.9]
\$25,000-\$49,999	92.1	[89.0,94.3]	608,642	7.4	[5.2,10.4]	48,923	0.5	[0.2,1.3]
\$50,000-\$74,999	91.7	[88.1,94.2]	349,815	8.3	[5.8,11.9]	31,811	0.0	---
\$75,000 or more	94.1	[92.1,95.6]	837,448	5.6	[4.1,7.6]	50,011	0.3	[0.1,0.7]
Don't know/No answer	91.4	[88.8,93.5]	670,715	6.2	[4.5,8.6]	45,721	2.3	[1.4,3.9]

**Table 6B: Diagnosed with chronic obstructive pulmonary disease (COPD), emphysema, or chronic bronchitis**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	8.4	[7.4,9.5]	297,931	91.0	[89.8,92.0]	3,238,809	0.7	[0.4,1.0]
AGE								
18-24	3.9	[1.7,8.5]	16,632	96.0	[91.4,98.2]	412,765	0.2	[0.0,1.2]
25-34	2.4	[1.4,4.2]	15,485	96.6	[94.3,98.0]	620,323	1.0	[0.3,3.2]
35-44	7.4	[4.6,11.6]	43,940	92.3	[88.2,95.1]	549,279	0.3	[0.1,1.1]
45-54	7.6	[5.6,10.3]	41,365	91.5	[88.7,93.6]	495,030	0.9	[0.4,2.1]
55-64	11.8	[9.2,15.1]	69,269	87.6	[84.3,90.3]	512,946	0.6	[0.2,1.6]
65 and over	14.5	[12.3,17.0]	111,240	84.6	[82.1,86.9]	648,467	0.9	[0.4,1.7]
GENDER								
Male	7.1	[5.7,8.8]	120,973	92.0	[90.2,93.5]	1,573,161	0.9	[0.5,1.6]
Female	9.6	[8.2,11.2]	176,957	90.0	[88.4,91.4]	1,665,648	0.4	[0.2,0.9]
RACE-ETHNICITY								
White, Non-Hispanic	8.8	[7.7,10.2]	183,575	90.9	[89.5,92.0]	1,888,816	0.3	[0.2,0.6]
Black, Non-Hispanic	7.2	[5.3,9.7]	76,725	91.9	[89.2,93.9]	980,699	1.0	[0.4,2.2]
Hispanic	8.6	[3.7,19.0]	16,464	91.4	[81.0,96.3]	174,328	---	---
Other, Non-Hispanic	9.8	[6.2,15.0]	12,341	89.2	[83.8,93.0]	112,713	1.0	[0.3,3.6]
Don't know/No answer	9.1	[4.6,17.4]	8,826	85.1	[75.9,91.2]	82,252	5.8	[2.5,12.8]
EDUCATION								
Did not graduate HS	17.0	[12.8,22.2]	91,377	81.7	[76.3,86.0]	439,206	1.3	[0.5,3.8]
HS diploma/equivalent	8.5	[7.0,10.3]	102,596	91.2	[89.3,92.7]	1,102,135	0.3	[0.1,0.8]
Some college/2-year college degree	6.9	[5.4,8.8]	70,502	92.4	[90.4,94.0]	942,312	0.7	[0.3,1.5]
4-year college degree or higher	4.0	[3.0,5.2]	30,831	95.4	[94.1,96.5]	737,244	0.6	[0.2,1.3]
Don't know/No answer	8.1	[1.1,40.8]	1,570	88.5	[60.6,97.5]	17,109	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	13.5	[11.0,16.5]	120,593	86.0	[83.0,88.6]	769,520	0.5	[0.2,1.3]
\$25,000-\$49,999	7.2	[5.2,9.8]	47,429	91.8	[88.9,94.0]	606,495	1.1	[0.4,3.1]
\$50,000-\$74,999	7.2	[4.8,10.8]	27,613	92.8	[89.2,95.2]	354,013	---	---
\$75,000 or more	3.1	[2.2,4.4]	27,627	96.6	[95.3,97.6]	859,567	0.3	[0.1,0.9]
Don't know/No answer	10.2	[7.8,13.2]	74,669	88.5	[85.4,91.0]	649,213	1.3	[0.7,2.3]

## 7. Diabetes

*Analysis of Section 6 (“Chronic Health Conditions”) of the 2020 BRFSS Questionnaire*

Diabetes represents a significant and growing health risk in the United States. Marked by high levels of sugar in the blood, individuals with diabetes are at greater risk for cardiovascular disease, chronic renal failure, high blood pressure, and a range of health-related problems.

The share of Louisiana adults diagnosed with diabetes is 14.1%. Diabetes incidence is associated with age, race, and socio-economic status.

Diabetes is extremely rare among adults under the age of 35; fewer than one in 20 of these younger adults have it. Meanwhile, approximately one in five adults between the ages of 55 and 64 have diabetes, as do nearly one third of adults 65 years or older.

There is a six percentage point gap between Black adults (18.8%) and White adults (12.7%) in incidence of diabetes.

Among individuals in the bottom 30% of household incomes in Louisiana (less than \$25,000), 17.8% have diabetes, but this share falls by half (to 8.6%) among individuals in the top 30% of household income in the state (\$75,000 or more). Similarly, among individuals without a high school diploma 18.5% have diabetes, while 9.3% of college graduates have diabetes.

On average, Louisiana adults with diabetes were first diagnosed around 47 years of age. Black adults with diabetes tended to be diagnosed earlier (43.5 years) than White adults (50.1 years).

**Table 7A: Ever diagnosed with diabetes**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	14.1	[12.9,15.4]	500,791	85.6	[84.3,86.9]	3,048,734	0.3	[0.2,0.6]
AGE								
18-24	1.0	[0.2,3.9]	4,188	98.4	[95.2,99.5]	423,350	0.6	[0.1,4.1]
25-34	1.8	[0.9,3.6]	11,318	98.0	[96.0,99.0]	628,918	0.3	[0.0,2.0]
35-44	9.2	[6.3,13.2]	54,761	90.7	[86.7,93.5]	539,318	0.1	[0.0,0.9]
45-54	13.7	[11.0,16.9]	74,090	85.9	[82.6,88.6]	464,763	0.5	[0.2,1.2]
55-64	20.8	[17.8,24.1]	121,933	79.1	[75.8,82.1]	463,223	0.1	[0.0,0.6]
65 and over	30.6	[27.4,34.0]	234,501	69.0	[65.7,72.3]	529,163	0.4	[0.1,0.9]
GENDER								
Male	13.1	[11.5,15.0]	224,309	86.5	[84.6,88.2]	1,479,397	0.4	[0.1,0.9]
Female	14.9	[13.2,16.8]	276,482	84.8	[82.9,86.5]	1,569,337	0.3	[0.1,0.7]
RACE-ETHNICITY								
White, Non-Hispanic	12.7	[11.4,14.0]	263,015	87.1	[85.7,88.4]	1,810,725	0.2	[0.1,0.6]
Black, Non-Hispanic	18.8	[15.9,22.0]	200,193	81.0	[77.8,83.9]	864,911	0.2	[0.0,1.7]
Hispanic	8.6	[4.3,16.5]	16,470	91.4	[83.5,95.7]	174,322	---	---
Other, Non-Hispanic	9.8	[6.6,14.3]	12,365	90.2	[85.7,93.4]	113,940	---	---
Don't know/No answer	9.0	[4.9,16.2]	8,748	87.7	[80.1,92.7]	84,835	3.2	[1.2,8.2]
EDUCATION								
Did not graduate HS	18.5	[14.4,23.4]	99,334	81.0	[76.0,85.2]	435,606	0.5	[0.1,2.2]
HS diploma/equivalent	15.9	[13.8,18.2]	192,215	84.0	[81.7,86.1]	1,015,323	0.1	[0.0,0.4]
Some college/2-year college degree	13.4	[11.2,15.9]	136,750	86.4	[83.9,88.6]	881,770	0.2	[0.0,0.5]
4-year college degree or higher	9.3	[7.9,11.0]	71,966	90.4	[88.7,91.9]	698,590	0.3	[0.1,0.6]
Don't know/No answer	2.7	[0.4,17.8]	527	80.6	[47.1,95.1]	15,585	16.6	[3.4,52.8]
HOUSEHOLD INCOME								
Less than \$25,000	17.8	[15.3,20.8]	159,654	81.7	[78.8,84.4]	731,255	0.4	[0.1,1.7]
\$25,000-\$49,999	16.1	[12.9,19.9]	106,258	83.6	[79.7,86.8]	552,359	0.3	[0.1,1.7]
\$50,000-\$74,999	15.1	[11.9,19.1]	57,720	84.9	[80.9,88.1]	323,906	---	---
\$75,000 or more	8.6	[7.1,10.5]	76,846	91.4	[89.5,92.9]	812,849	---	---
Don't know/No answer	13.7	[11.1,16.8]	100,314	85.7	[82.6,88.3]	628,365	0.7	[0.3,1.3]

**Table 7B: Age diagnosed with diabetes**

	Years	
	Mean	95% CI
Total	47.2	[45.8, 48.6]
AGE		
18-24	17.0	---
25-34	26.7	[23.2, 30.3]
35-44	31.7	[28.5, 34.9]
45-54	38.6	[36.7, 40.6]
55-64	48.2	[46.6, 49.9]
65 and over	55.3	[53.6, 57]
GENDER		
Male	48.0	[45.9, 50]
Female	46.6	[44.7, 48.5]
RACE-ETHNICITY		
White, Non-Hispanic	50.1	[48.4, 51.7]
Black, Non-Hispanic	43.5	[41.2, 45.8]
Hispanic	41.4	[32.8, 49.9]
Other, Non-Hispanic	47.8	[41.3, 54.4]
Don't know/No answer	60.3	[55.9, 64.7]
EDUCATION		
Did not graduate HS	49.0	[45.2, 52.9]
HS diploma/equivalent	47.7	[45.4, 50]
Some college/2-year college degree	45.9	[43.5, 48.3]
4-year college degree or higher	46.3	[43.5, 49.2]
Don't know/No answer	---	---
HOUSEHOLD INCOME		
Less than \$25,000	43.9	[41.3, 46.5]
\$25,000-\$49,999	50.0	[47.3, 52.6]
\$50,000-\$74,999	48.0	[44.9, 51.1]
\$75,000 or more	45.1	[42.7, 47.6]
Don't know/No answer	51.6	[47.7, 55.5]

## 8. Arthritis

*Analysis of Section 6 (“Chronic Health Conditions”) of the 2020 BRFSS Questionnaire*

The term, arthritis, describes more than 100 rheumatic diseases and conditions that affect joints, the tissues that surround joints and other connective tissue. The pattern, severity, and location of symptoms can vary depending on the specific form of the disease. Typically, rheumatic conditions are characterized by pain and stiffness in and around one or more joints. The symptoms can develop gradually or suddenly. Certain rheumatic conditions can also involve the immune system and various internal organs of the body.

More than one-fourth (27.2%) of Louisiana adults have been diagnosed with arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

Arthritis is most strongly associated with age. Half of the population 65 years or older has been diagnosed with arthritis (52.2%). The share declines steadily with each younger age cohort, to around one in ten among those 25 to 34 years old and about one in twenty among adults under the age of 25.

Like other health risk factors and health conditions, arthritis also disproportionately affects those with less education and those in lower earning households. Among individuals in the bottom 30% of household income, 31.5% have been diagnosed with arthritis or related condition. The share drops to 17.4% among individuals in the 30% of household with the highest income.

The same pattern holds for educational attainment. Among college graduates, 20.7% have been diagnosed with arthritis or a similar condition, while 36.5% of individuals who did not finish high school have been diagnosed with arthritis or related rheumatoid condition.

These conditions are also more frequent among women. The share of women who have been diagnosed with one of these conditions is 32.5% – about eight percentage points higher than men, for whom 21.4% have been diagnosed.

**Table 8: Diagnosed with arthritis**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	27.2	[25.6,28.8]	967,147	72.2	[70.5,73.8]	2,570,767	0.6	[0.4,0.9]
AGE								
18-24	5.6	[3.2,9.6]	24,030	94.0	[89.9,96.5]	404,179	0.4	[0.1,3.1]
25-34	9.0	[6.5,12.5]	58,081	90.8	[87.4,93.4]	583,202	0.1	[0.0,0.9]
35-44	16.2	[13.2,19.8]	96,563	83.2	[79.6,86.3]	494,947	0.6	[0.2,1.7]
45-54	27.1	[23.3,31.2]	146,652	72.0	[67.9,75.8]	389,711	0.9	[0.4,2.0]
55-64	41.3	[37.4,45.4]	241,899	57.8	[53.7,61.7]	338,344	0.9	[0.4,2.0]
65 and over	52.2	[48.8,55.5]	399,922	47.0	[43.7,50.4]	360,382	0.8	[0.4,1.5]
GENDER								
Male	21.4	[19.3,23.6]	365,227	77.9	[75.6,80.0]	1,331,522	0.8	[0.4,1.3]
Female	32.5	[30.2,34.9]	601,919	67.0	[64.6,69.3]	1,239,245	0.5	[0.3,0.9]
RACE-ETHNICITY								
White, Non-Hispanic	27.3	[25.5,29.2]	567,308	71.9	[70.0,73.8]	1,495,202	0.8	[0.5,1.2]
Black, Non-Hispanic	28.9	[25.5,32.6]	308,906	70.9	[67.2,74.3]	757,185	0.1	[0.0,1.0]
Hispanic	20.4	[13.9,28.9]	38,872	79.2	[70.7,85.8]	151,182	0.4	[0.1,2.7]
Other, Non-Hispanic	19.7	[14.9,25.6]	24,924	80.2	[74.3,85.0]	101,263	0.1	[0.0,0.7]
Don't know/No answer	28.1	[18.9,39.5]	27,136	68.2	[56.7,77.8]	65,935	3.7	[1.4,9.4]
EDUCATION								
Did not graduate HS	36.5	[30.8,42.6]	196,177	62.6	[56.5,68.3]	336,422	1.0	[0.4,2.5]
HS diploma/equivalent	28.0	[25.3,30.9]	338,745	71.3	[68.4,74.0]	861,747	0.7	[0.3,1.3]
Some college/2-year college degree	25.9	[23.1,28.9]	264,440	73.8	[70.7,76.6]	752,379	0.3	[0.1,0.9]
4-year college degree or higher	20.7	[18.6,23.0]	159,776	78.7	[76.4,80.8]	607,690	0.7	[0.4,1.2]
Don't know/No answer	36.0	[14.5,65.0]	6,954	60.7	[32.5,83.2]	11,725	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	31.5	[28.1,35.0]	281,562	67.8	[64.2,71.2]	606,582	0.7	[0.3,1.6]
\$25,000-\$49,999	30.3	[26.5,34.5]	200,302	69.3	[65.2,73.2]	458,296	0.4	[0.1,1.1]
\$50,000-\$74,999	26.0	[21.5,31.1]	99,260	74.0	[68.9,78.5]	282,366	---	---
\$75,000 or more	17.4	[15.2,19.8]	154,741	82.6	[80.1,84.7]	734,501	0.1	[0.0,0.2]
Don't know/No answer	31.5	[27.6,35.8]	231,282	66.7	[62.4,70.7]	489,022	1.8	[1.1,3.0]

## 9. Other Chronic Conditions

*Analysis of Section 6 ("Chronic Health Conditions") of the 2020 BRFSS Questionnaire*

Chronic diseases and conditions are persistent health conditions with long-lasting effects. Typically, these conditions may be controlled but not cured. These unique conditions require more frequent doctor visits, more extensive care from physicians, and often more lengthy hospital stays. These diseases and conditions affect not only the health of individual patients but also states' health care systems. According to the Center for Disease Control, chronic diseases are a leading cause of death and disability in the United States and soak up a majority of health care spending in the country.

In addition to the chronic diseases and conditions that are the focus of various sections of this report – respiratory conditions (asthma, chronic obstructive pulmonary disease, emphysema, and chronic bronchitis), diabetes, and arthritis – the Behavioral Risk Factor Surveillance System also tracks the prevalence of other conditions and diseases: cardiovascular conditions; skin and other cancers; depressive disorders; and kidney disease.

### CARDIOVASCULAR CONDITIONS

Cardiovascular disease refers to strokes and diseases of the heart, such as coronary heart disease. Coronary heart disease (manifested by heart attacks) and strokes are the most common causes of death in the United States. Cardiovascular disease is also the leading cause of death in Louisiana.

Overall, 4.6% of Louisiana adults report that they have had a heart attack or myocardial infarction. A similar share of adults in the state have been diagnosed with angina or coronary heart disease (5.0%). Finally, 4.4% of Louisiana adults report that they have suffered a stroke.

Risk of cardiovascular disease is highest among older adults. Among Louisianans age 65 years or older, 11.5% report having a heart attack, 13.5% report coronary heart disease, and 9.8% report having a stroke. In contrast, these incidents are extremely rare among those under the age of 45, less than three percent in each case.

Socio-economic factors, such as household income and education, are also important predictors of cardiovascular health risks. Heart attacks, strokes, and heart disease are more common among those with lower household incomes or less education than among those with higher household incomes or more educations.

### SKIN CANCER

In Louisiana, the share of adults ever diagnosed with skin cancer is 4.9%, and the share ever diagnosed with other forms of cancer is 6.5%.

Risk of skin and other types of cancer are related to age and race. There are very few diagnoses of cancer among those under the age of 45: less than two percent for skin cancer and less than five percent for other cancers. The incidence of cancer rises steadily over age groups peaking among the elderly. Adults 65 years of age or older have had a diagnosis of skin cancer at a rate of 14.2% and other cancers at a rate of 14.4%.

Skin cancer is exceptionally rare among Black residents of Louisiana (0.3%), while 7.3% of White residents of the state have had a diagnosis of skin cancer. The racial gap in diagnosis is smaller for other forms of cancer. Among Black residents of Louisiana, five percent have had a diagnosis of a form of cancer besides skin cancer. Among White residents, the rate is 7.6%.

## DEPRESSIVE DISORDER

Slightly less than one-fourth (23.3%) of Louisiana adults have been diagnosed with depression. There are important differences in the share of diagnosed across several demographic characteristics, including age, gender, race, and socio-economic status.

Nearly one-third (30.0%) of Louisiana residents from the age of 18 to 24 have been diagnosed with a depressive disorder. This share drops by nearly half among state residents 65 years or older. Women (29.7%) are nearly twice as likely to have been diagnosed with a depressive disorder than men (16.4%). White adults are more likely to be diagnosed with depression than Black adults (24.9% versus 19.8%). It should be noted, however, that these data cannot reveal whether these differences results from gaps in the likelihood of suffering from depression or gaps in the propensity across groups to seek out (or have access to) medical care that results in a diagnosis and treatment.

Over one-third of individuals with household incomes below \$25,000 have been diagnosed with depression (34.6%), while roughly one in seven (14.5%) of individuals with household income of \$75,000 or more have been diagnosed. The share of individuals without a high school diploma who have been diagnosed with depressive disorders (29.1%) is higher than the share of college graduates (18.8%).

## KIDNEY DISEASE

Kidney disease is a relatively rare diagnosis though it has serious effects on the lives of those who do receive such a diagnosis. In Louisiana, 3.8% of adults have been diagnosed with kidney disease.

As with many other chronic conditions, both age and socio-economic status are strongly related to kidney disease. There are very few cases of kidney disease among those under the age of 35 (less than one percent). This rises slightly to 2.4% among those 35 through 54 years old. It is 6.7% for those 55 to 64 years old and 7.9% for those 65 years or older.

College graduates (2.9%) are less than half as likely to have ever been diagnosed with kidney disease as individuals who never graduated high school (7.6%). Similarly, 2.0% of individuals in the highest earning households have ever been diagnosed with kidney disease, while 6.3% of those in the lowest earning households have

**Table 9A: Ever diagnosed with heart attack**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	4.6	[4.0,5.3]	163,136	94.8	[94.0,95.4]	3,373,482	0.7	[0.4,1.0]
AGE								
18-24	0.7	[0.2,2.4]	3,125	99.3	[97.6,99.8]	426,979	---	---
25-34	0.6	[0.2,2.2]	4,021	99.4	[97.8,99.8]	638,048	---	---
35-44	2.1	[1.0,4.5]	12,695	97.2	[94.4,98.6]	577,987	0.7	[0.1,3.4]
45-54	3.0	[1.9,4.7]	16,386	96.3	[94.5,97.5]	521,230	0.7	[0.3,1.7]
55-64	6.7	[5.0,8.9]	39,094	92.5	[90.1,94.3]	541,504	0.9	[0.4,1.8]
65 and over	11.5	[9.6,13.6]	87,814	87.1	[84.8,89.2]	667,734	1.4	[0.7,2.6]
GENDER								
Male	4.9	[4.0,5.9]	83,496	94.2	[93.1,95.2]	1,611,178	0.9	[0.5,1.6]
Female	4.3	[3.4,5.4]	79,639	95.2	[94.1,96.2]	1,762,305	0.5	[0.2,1.0]
RACE-ETHNICITY								
White, Non-Hispanic	4.8	[4.0,5.7]	99,041	94.8	[93.8,95.6]	1,970,062	0.5	[0.2,0.9]
Black, Non-Hispanic	3.9	[2.8,5.3]	41,396	95.6	[94.1,96.7]	1,020,847	0.5	[0.2,1.2]
Hispanic	4.4	[1.5,12.3]	8,374	95.1	[87.5,98.2]	181,525	0.5	[0.1,3.3]
Other, Non-Hispanic	4.9	[2.8,8.6]	6,248	94.5	[90.6,96.8]	119,377	0.5	[0.1,3.7]
Don't know/No answer	8.4	[4.3,15.5]	8,076	84.5	[74.0,91.2]	81,670	7.2	[2.6,18.4]
EDUCATION								
Did not graduate HS	8.4	[5.9,11.9]	45,418	89.6	[85.8,92.4]	481,860	2.0	[0.9,4.2]
HS diploma/equivalent	4.3	[3.3,5.5]	51,875	95.2	[93.9,96.3]	1,150,925	0.5	[0.2,1.2]
Some college/2-year college degree	4.2	[3.2,5.3]	42,374	95.5	[94.2,96.5]	973,969	0.4	[0.1,1.0]
4-year college degree or higher	2.8	[2.1,3.7]	21,373	96.9	[95.9,97.6]	748,243	0.4	[0.2,0.9]
Don't know/No answer	10.8	[2.2,39.2]	2,097	86.0	[59.6,96.3]	16,627	3.1	[0.4,20.0]
HOUSEHOLD INCOME								
Less than \$25,000	7.6	[5.9,9.7]	67,697	91.6	[89.4,93.3]	818,956	0.9	[0.5,1.7]
\$25,000-\$49,999	3.8	[2.7,5.3]	25,043	96.2	[94.7,97.3]	635,827	0.0	[0.0,0.1]
\$50,000-\$74,999	3.6	[2.2,5.9]	13,800	96.4	[94.1,97.8]	367,826	---	---
\$75,000 or more	2.8	[2.0,3.8]	24,516	97.1	[96.0,97.9]	863,664	0.2	[0.0,0.6]
Don't know/No answer	4.4	[3.1,6.1]	32,079	93.7	[91.5,95.4]	687,209	1.9	[1.0,3.7]

**Table 9B: Ever diagnosed with angina or coronary heart disease**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	5.0	[4.3,5.7]	176,780	94.1	[93.4,94.8]	3,351,141	0.9	[0.7,1.3]
AGE								
18-24	0.8	[0.2,2.5]	3,261	99.2	[97.5,99.8]	426,843	---	---
25-34	0.2	[0.0,1.0]	1,360	99.8	[99.0,100.0]	640,709	---	---
35-44	1.0	[0.4,2.4]	5,768	99.0	[97.6,99.6]	589,040	---	---
45-54	4.5	[3.0,6.6]	24,239	94.6	[92.3,96.2]	511,912	1.0	[0.4,2.3]
55-64	6.6	[5.0,8.7]	38,660	91.9	[89.6,93.7]	538,140	1.5	[0.8,2.8]
65 and over	13.5	[11.5,15.8]	103,493	84.1	[81.7,86.3]	644,497	2.4	[1.6,3.6]
GENDER								
Male	5.4	[4.5,6.6]	93,079	93.6	[92.4,94.6]	1,599,613	1.0	[0.6,1.6]
Female	4.5	[3.7,5.5]	83,702	94.7	[93.6,95.5]	1,751,528	0.8	[0.5,1.3]
RACE-ETHNICITY								
White, Non-Hispanic	5.6	[4.8,6.6]	117,002	93.6	[92.6,94.5]	1,945,477	0.8	[0.5,1.2]
Black, Non-Hispanic	4.2	[3.1,5.7]	45,216	95.0	[93.5,96.2]	1,014,652	0.7	[0.4,1.4]
Hispanic	0.3	[0.1,1.2]	537	98.4	[94.3,99.5]	187,691	1.3	[0.3,5.9]
Other, Non-Hispanic	5.8	[3.3,9.9]	7,307	94.2	[90.1,96.7]	118,998	---	---
Don't know/No answer	6.9	[3.5,13.3]	6,719	87.2	[79.4,92.4]	84,324	5.8	[2.7,12.4]
EDUCATION								
Did not graduate HS	5.6	[3.9,7.9]	29,968	92.3	[89.5,94.4]	496,323	2.1	[1.2,3.9]
HS diploma/equivalent	5.7	[4.5,7.1]	68,705	93.4	[91.9,94.7]	1,129,496	0.9	[0.5,1.5]
Some college/2-year college degree	4.8	[3.7,6.1]	48,673	94.8	[93.4,95.9]	966,596	0.5	[0.2,1.1]
4-year college degree or higher	3.6	[2.9,4.6]	27,864	95.8	[94.7,96.6]	739,759	0.6	[0.4,1.1]
Don't know/No answer	8.1	[1.1,40.8]	1,570	88.5	[60.6,97.5]	17,109	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	7.6	[6.1,9.4]	67,611	91.3	[89.4,92.9]	816,955	1.1	[0.6,2.0]
\$25,000-\$49,999	4.0	[2.8,5.6]	26,510	95.2	[93.4,96.5]	628,901	0.8	[0.4,2.0]
\$50,000-\$74,999	4.1	[2.5,6.6]	15,461	95.9	[93.4,97.5]	366,165	---	---
\$75,000 or more	3.8	[2.8,5.1]	33,910	95.8	[94.5,96.8]	852,530	0.4	[0.1,0.9]
Don't know/No answer	4.5	[3.4,6.1]	33,288	93.6	[91.8,95.0]	686,590	1.9	[1.2,3.0]

**Table 9C: Ever diagnosed with stroke**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	4.4	[3.8,5.1]	156,978	95.1	[94.4,95.8]	3,387,019	0.5	[0.3,0.8]
AGE								
18-24	0.3	[0.0,2.1]	1,301	99.7	[97.9,100.0]	428,803	---	---
25-34	0.7	[0.2,2.3]	4,328	99.1	[97.4,99.7]	636,270	0.2	[0.0,1.6]
35-44	2.1	[1.2,3.7]	12,598	97.3	[95.2,98.5]	578,883	0.6	[0.1,3.9]
45-54	3.6	[2.3,5.5]	19,558	95.9	[93.9,97.2]	519,147	0.5	[0.2,1.2]
55-64	7.5	[5.4,10.4]	44,109	92.0	[89.1,94.1]	538,668	0.5	[0.2,1.2]
65 and over	9.8	[8.1,11.8]	75,084	89.4	[87.4,91.2]	685,247	0.8	[0.4,1.6]
GENDER								
Male	3.8	[3.0,4.9]	65,342	95.7	[94.5,96.6]	1,635,863	0.5	[0.2,1.2]
Female	5.0	[4.1,6.0]	91,637	94.6	[93.5,95.5]	1,751,156	0.4	[0.2,0.8]
RACE-ETHNICITY								
White, Non-Hispanic	4.5	[3.7,5.4]	93,451	95.2	[94.3,96.0]	1,979,557	0.3	[0.2,0.5]
Black, Non-Hispanic	4.5	[3.3,6.0]	47,584	95.4	[93.9,96.6]	1,018,638	0.1	[0.0,1.0]
Hispanic	2.2	[0.7,6.7]	4,191	97.3	[92.9,99.0]	185,708	0.5	[0.1,3.3]
Other, Non-Hispanic	5.1	[2.7,9.6]	6,490	94.7	[90.3,97.2]	119,592	0.2	[0.0,0.7]
Don't know/No answer	5.4	[2.4,12.1]	5,262	86.4	[75.6,92.9]	83,524	8.2	[3.2,19.6]
EDUCATION								
Did not graduate HS	8.4	[5.8,11.9]	44,924	90.2	[86.4,93.1]	485,243	1.4	[0.5,4.0]
HS diploma/equivalent	4.4	[3.5,5.6]	53,022	95.3	[94.1,96.3]	1,151,827	0.3	[0.1,0.7]
Some college/2-year college degree	3.5	[2.6,4.8]	36,052	96.3	[95.0,97.2]	982,166	0.2	[0.1,0.6]
4-year college degree or higher	3.0	[2.2,4.0]	22,980	96.7	[95.6,97.5]	747,245	0.3	[0.1,0.7]
Don't know/No answer	---	---	---	96.6	[80.8,99.5]	18,679	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	6.6	[5.2,8.3]	58,767	93.0	[91.2,94.4]	831,493	0.5	[0.2,1.1]
\$25,000-\$49,999	4.3	[3.1,6.0]	28,745	95.6	[94.0,96.9]	632,121	0.0	[0.0,0.1]
\$50,000-\$74,999	2.5	[1.4,4.5]	9,485	97.5	[95.5,98.6]	372,141	---	---
\$75,000 or more	2.4	[1.6,3.6]	21,360	97.6	[96.3,98.4]	868,073	0.0	[0.0,0.2]
Don't know/No answer	5.3	[3.7,7.5]	38,621	93.1	[90.7,95.0]	683,191	1.6	[0.8,3.2]

**Table 9D: Ever diagnosed with skin cancer**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	4.9	[4.2,5.6]	173,708	94.9	[94.1,95.5]	3,377,637	0.3	[0.1,0.5]
AGE								
18-24	---	---	---	100.0	---	430,104	---	---
25-34	1.2	[0.3,3.9]	7,404	98.6	[95.9,99.5]	632,784	0.3	[0.0,2.1]
35-44	1.7	[0.7,4.2]	10,104	98.2	[95.7,99.2]	583,962	0.1	[0.0,0.9]
45-54	3.1	[2.0,4.8]	16,892	96.4	[94.7,97.6]	521,961	0.5	[0.2,1.2]
55-64	5.2	[3.7,7.2]	30,452	94.4	[92.4,96.0]	553,100	0.4	[0.1,1.5]
65 and over	14.2	[12.2,16.5]	108,856	85.6	[83.3,87.6]	655,727	0.2	[0.1,0.6]
GENDER								
Male	5.6	[4.7,6.8]	96,578	93.9	[92.7,94.9]	1,605,627	0.4	[0.2,0.9]
Female	4.2	[3.4,5.2]	77,130	95.8	[94.8,96.6]	1,772,010	0.1	[0.0,0.3]
RACE-ETHNICITY								
White, Non-Hispanic	7.3	[6.4,8.5]	152,785	92.4	[91.2,93.4]	1,920,497	0.3	[0.1,0.6]
Black, Non-Hispanic	0.3	[0.1,0.8]	3,466	99.7	[99.2,99.9]	1,064,205	---	---
Hispanic	3.1	[0.7,12.0]	5,819	96.9	[88.0,99.3]	184,973	---	---
Other, Non-Hispanic	3.7	[1.9,7.2]	4,710	95.2	[90.9,97.6]	120,294	1.0	[0.1,6.9]
Don't know/No answer	7.2	[2.6,18.1]	6,928	90.7	[80.4,95.8]	87,668	2.2	[0.7,6.1]
EDUCATION								
Did not graduate HS	6.6	[4.1,10.4]	35,492	93.2	[89.3,95.7]	500,992	0.2	[0.0,1.7]
HS diploma/equivalent	3.4	[2.6,4.3]	40,911	96.3	[95.3,97.1]	1,163,947	0.3	[0.1,1.0]
Some college/2-year college degree	5.2	[4.1,6.6]	53,079	94.8	[93.4,95.9]	967,005	---	---
4-year college degree or higher	5.7	[4.7,7.0]	44,225	93.9	[92.6,94.9]	725,156	0.4	[0.2,0.9]
Don't know/No answer	---	---	---	96.6	[80.8,99.5]	18,679	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	3.5	[2.4,5.2]	31,752	96.2	[94.6,97.4]	860,887	0.2	[0.1,0.9]
\$25,000-\$49,999	4.9	[3.6,6.6]	32,399	94.8	[93.0,96.1]	626,542	0.3	[0.0,1.9]
\$50,000-\$74,999	4.3	[3.0,6.2]	16,438	95.7	[93.7,97.0]	365,036	0.0	[0.0,0.3]
\$75,000 or more	5.6	[4.3,7.3]	50,019	94.2	[92.5,95.5]	838,115	0.2	[0.0,0.7]
Don't know/No answer	5.9	[4.3,8.0]	43,099	93.7	[91.6,95.3]	687,059	0.5	[0.2,1.0]

**Table 9E: Ever diagnosed with other form of cancer**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	6.5	[5.7,7.3]	230,352	93.2	[92.3,94.0]	3,317,031	0.4	[0.2,0.6]
AGE								
18-24	0.3	[0.0,1.8]	1,094	99.7	[98.2,100.0]	429,010	---	---
25-34	2.3	[1.2,4.2]	14,813	97.5	[95.5,98.6]	625,786	0.2	[0.0,1.6]
35-44	4.3	[2.6,7.3]	25,832	95.0	[91.9,96.9]	564,781	0.7	[0.2,2.6]
45-54	4.6	[3.0,6.9]	24,868	94.9	[92.5,96.5]	513,494	0.5	[0.2,1.3]
55-64	9.2	[7.3,11.5]	53,600	90.5	[88.1,92.4]	529,794	0.4	[0.1,1.2]
65 and over	14.4	[12.4,16.7]	110,145	85.4	[83.1,87.4]	654,165	0.3	[0.1,0.7]
GENDER								
Male	5.7	[4.7,6.8]	97,518	94.0	[92.8,94.9]	1,606,497	0.3	[0.2,0.7]
Female	7.2	[6.1,8.5]	132,834	92.4	[91.1,93.6]	1,710,533	0.4	[0.2,0.9]
RACE-ETHNICITY								
White, Non-Hispanic	7.6	[6.6,8.7]	157,840	92.0	[90.9,93.0]	1,912,859	0.4	[0.2,0.8]
Black, Non-Hispanic	5.0	[3.7,6.6]	53,005	95.0	[93.3,96.2]	1,013,789	0.1	[0.0,0.6]
Hispanic	5.2	[1.9,13.1]	9,846	94.8	[86.9,98.1]	180,946	---	---
Other, Non-Hispanic	4.3	[2.1,8.7]	5,460	95.4	[91.0,97.7]	120,510	0.3	[0.0,1.4]
Don't know/No answer	4.3	[1.8,10.2]	4,200	92.0	[84.9,95.9]	88,925	3.7	[1.3,9.8]
EDUCATION								
Did not graduate HS	4.2	[2.5,7.1]	22,713	95.0	[91.9,96.9]	510,678	0.8	[0.2,3.1]
HS diploma/equivalent	6.3	[5.0,7.8]	75,838	93.6	[92.1,94.8]	1,131,248	0.1	[0.0,0.5]
Some college/2-year college degree	7.8	[6.2,9.7]	79,494	92.0	[90.1,93.6]	938,896	0.2	[0.0,0.6]
4-year college degree or higher	6.5	[5.4,7.8]	50,441	92.9	[91.5,94.0]	717,537	0.6	[0.3,1.2]
Don't know/No answer	5.5	[1.4,19.0]	1,063	91.1	[75.3,97.2]	17,616	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	6.4	[4.8,8.4]	57,012	93.2	[91.1,94.8]	833,871	0.4	[0.1,1.7]
\$25,000-\$49,999	5.5	[4.1,7.4]	36,341	94.1	[92.2,95.6]	622,090	0.4	[0.1,1.1]
\$50,000-\$74,999	7.7	[5.4,10.9]	29,513	92.3	[89.1,94.6]	352,113	---	---
\$75,000 or more	6.1	[4.9,7.7]	54,527	93.7	[92.1,94.9]	833,227	0.2	[0.1,0.7]
Don't know/No answer	7.2	[5.5,9.3]	52,958	92.1	[89.9,93.9]	675,730	0.7	[0.3,1.5]

**Table 9F: Ever diagnosed with a depressive disorder**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	23.3	[21.7,25.0]	829,094	75.7	[74.0,77.4]	2,696,394	1.0	[0.7,1.4]
AGE								
18-24	30.0	[23.7,37.1]	128,974	68.5	[61.4,74.9]	294,728	1.5	[0.4,5.0]
25-34	24.8	[20.5,29.7]	159,265	74.2	[69.3,78.5]	476,361	1.0	[0.4,2.5]
35-44	25.7	[21.7,30.2]	152,964	73.6	[69.0,77.6]	437,594	0.7	[0.3,1.6]
45-54	21.9	[18.5,25.7]	118,572	77.1	[73.2,80.5]	417,272	1.0	[0.5,2.2]
55-64	24.6	[21.2,28.4]	144,172	74.5	[70.7,78.0]	436,301	0.9	[0.3,2.7]
65 and over	16.3	[14.2,18.7]	125,147	82.7	[80.3,85.0]	634,138	0.9	[0.5,1.7]
GENDER								
Male	16.4	[14.2,18.8]	279,654	82.7	[80.2,84.9]	1,413,367	1.0	[0.6,1.5]
Female	29.7	[27.4,32.1]	549,440	69.3	[66.9,71.7]	1,283,027	1.0	[0.5,1.8]
RACE-ETHNICITY								
White, Non-Hispanic	24.9	[23.0,26.9]	517,597	74.2	[72.2,76.1]	1,543,142	0.9	[0.6,1.4]
Black, Non-Hispanic	19.8	[16.7,23.4]	211,815	79.4	[75.8,82.6]	848,096	0.7	[0.2,2.1]
Hispanic	25.3	[15.7,38.1]	48,185	74.1	[61.4,83.7]	141,370	0.6	[0.1,4.5]
Other, Non-Hispanic	26.9	[20.1,34.9]	33,950	71.9	[63.8,78.8]	90,856	1.2	[0.3,4.7]
Don't know/No answer	18.1	[11.0,28.4]	17,547	75.4	[64.3,83.9]	72,931	6.4	[2.5,15.5]
EDUCATION								
Did not graduate HS	29.1	[23.6,35.2]	156,487	70.3	[64.2,75.8]	378,030	0.6	[0.2,1.6]
HS diploma/equivalent	20.4	[17.8,23.3]	247,163	78.6	[75.6,81.2]	949,666	1.0	[0.5,2.0]
Some college/2-year college degree	27.4	[24.2,30.8]	279,326	71.4	[68.0,74.6]	728,428	1.2	[0.6,2.4]
4-year college degree or higher	18.8	[16.7,21.1]	145,059	80.4	[78.1,82.6]	621,265	0.8	[0.4,1.6]
Don't know/No answer	1.3	[0.2,9.4]	256	92.9	[77.9,98.0]	17,951	5.8	[1.4,21.2]
HOUSEHOLD INCOME								
Less than \$25,000	34.6	[30.7,38.7]	309,416	64.9	[60.9,68.8]	580,872	0.5	[0.2,1.1]
\$25,000-\$49,999	23.3	[19.4,27.7]	153,718	75.7	[71.3,79.7]	500,438	1.0	[0.4,2.3]
\$50,000-\$74,999	27.0	[22.3,32.2]	102,875	72.7	[67.4,77.4]	277,406	0.4	[0.1,1.5]
\$75,000 or more	14.5	[12.4,16.8]	128,720	84.6	[82.1,86.8]	752,780	0.9	[0.4,2.3]
Don't know/No answer	18.3	[15.3,21.8]	134,366	79.7	[76.1,83.0]	584,898	1.9	[1.1,3.6]

**Table 9G: Ever diagnosed with kidney disease**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	3.8	[3.2,4.5]	134,143	95.7	[95.0,96.4]	3,408,592	0.5	[0.3,0.8]
AGE								
18-24	0.7	[0.1,4.6]	2,877	99.3	[95.4,99.9]	427,227	---	---
25-34	0.7	[0.2,3.2]	4,698	98.9	[96.5,99.7]	635,063	0.4	[0.1,2.5]
35-44	2.4	[1.1,5.0]	14,221	97.4	[94.8,98.7]	579,391	0.2	[0.0,1.4]
45-54	2.4	[1.5,3.7]	12,859	97.0	[95.5,98.0]	524,921	0.7	[0.3,1.4]
55-64	6.7	[5.0,8.9]	39,060	93.0	[90.8,94.8]	544,912	0.3	[0.1,1.2]
65 and over	7.9	[6.3,9.9]	60,427	91.0	[88.9,92.7]	697,079	1.2	[0.6,2.2]
GENDER								
Male	3.7	[2.9,4.8]	63,589	95.8	[94.7,96.7]	1,638,508	0.5	[0.2,0.9]
Female	3.8	[3.0,4.8]	70,554	95.7	[94.6,96.5]	1,770,083	0.5	[0.3,1.0]
RACE-ETHNICITY								
White, Non-Hispanic	3.7	[3.0,4.5]	76,228	95.9	[95.0,96.6]	1,993,606	0.4	[0.2,0.8]
Black, Non-Hispanic	3.9	[2.8,5.4]	41,571	95.7	[94.0,96.9]	1,021,229	0.5	[0.2,1.3]
Hispanic	3.8	[1.2,11.7]	7,218	96.2	[88.3,98.8]	183,574	---	---
Other, Non-Hispanic	3.8	[1.9,7.2]	4,763	96.2	[92.8,98.0]	121,472	0.1	[0.0,0.4]
Don't know/No answer	4.5	[1.9,10.2]	4,362	91.7	[85.2,95.5]	88,710	3.7	[1.6,8.7]
EDUCATION								
Did not graduate HS	7.6	[5.1,11.2]	40,868	91.3	[87.6,94.0]	491,129	1.1	[0.4,2.9]
HS diploma/equivalent	3.1	[2.2,4.2]	36,907	96.6	[95.4,97.5]	1,167,110	0.4	[0.1,1.1]
Some college/2-year college degree	3.2	[2.3,4.4]	32,826	96.5	[95.3,97.4]	984,243	0.3	[0.1,0.6]
4-year college degree or higher	2.9	[2.2,3.9]	22,350	96.7	[95.6,97.4]	746,764	0.4	[0.2,0.9]
Don't know/No answer	6.2	[1.7,19.8]	1,191	90.5	[74.5,96.9]	17,487	3.4	[0.5,19.2]
HOUSEHOLD INCOME								
Less than \$25,000	6.3	[4.7,8.3]	56,272	93.1	[91.0,94.8]	833,238	0.6	[0.2,1.6]
\$25,000-\$49,999	3.0	[1.9,4.8]	20,114	96.7	[94.9,97.9]	639,300	0.2	[0.0,1.1]
\$50,000-\$74,999	2.3	[1.4,3.8]	8,742	97.7	[96.2,98.6]	372,884	---	---
\$75,000 or more	2.0	[1.4,2.9]	17,776	97.8	[96.9,98.5]	870,415	0.2	[0.1,0.6]
Don't know/No answer	4.3	[2.9,6.2]	31,238	94.4	[92.3,96.0]	692,754	1.3	[0.7,2.4]

## 10. Oral Health

*Analysis of Section 7 ("Oral Health") of the 2020 BRFSS Questionnaire*

Four in ten adult residents of Louisiana did not see a dentist or similar oral health care professional in the past year. Incidence of regular dental care is related to socio-economic status. While 26.6% of individuals in households with incomes of \$75,000 or more (roughly the top 30% of households in the state) did not see a dentist, half (50.6%) of adults in households with incomes less than \$25,000 (roughly the bottom 30%) did not see a dentist.

Nearly half of Louisiana adults (46.4%) have had at least one permanent tooth removed, a risk factor for significant future oral health concerns. As with regular dental care, teeth extraction is significantly associated with economic means. About one-third (33.8%) of adults in the highest earning households have had a tooth removed, while more than half (56.0%) in the lowest earning households have.

Among seniors in Louisiana, 15.1% have had all of their natural teeth removed. Again, the differences by socio-economic status are significant. While approximately seven percent of seniors with college degrees have had all of their permanent teeth removed, the share is nearly five times larger (33.4%) among those without a high school diploma.

**Table 10A: Visited dentist in past year**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	57.7	[55.8,59.6]	2,055,021	40.0	[38.1,41.9]	1,422,599	2.3	[1.7,3.1]
AGE								
18-24	63.8	[56.6,70.5]	274,599	31.6	[25.4,38.5]	135,903	4.6	[1.8,11.3]
25-34	55.2	[49.8,60.4]	354,280	43.4	[38.2,48.7]	278,397	1.5	[0.6,3.8]
35-44	60.1	[55.2,64.7]	357,409	39.2	[34.5,44.0]	232,913	0.8	[0.4,1.5]
45-54	61.4	[57.0,65.6]	332,296	35.7	[31.6,40.0]	193,111	2.9	[1.8,4.8]
55-64	53.6	[49.5,57.6]	313,734	45.1	[41.1,49.2]	264,359	1.3	[0.7,2.4]
65 and over	55.2	[51.7,58.6]	422,703	41.5	[38.1,45.0]	317,916	3.4	[2.4,4.7]
SEX OF RESPONDENT								
Male	53.8	[50.8,56.7]	919,239	42.9	[40.0,45.8]	733,071	3.4	[2.3,5.0]
Female	61.4	[58.9,63.8]	1,135,782	37.3	[34.8,39.8]	689,528	1.4	[1.0,1.9]
RACE-ETHNICITY								
White, Non-Hispanic	60.5	[58.3,62.6]	1,257,220	37.8	[35.7,40.0]	785,618	1.7	[1.3,2.3]
Black, Non-Hispanic	53.8	[49.7,57.9]	574,711	43.4	[39.4,47.6]	463,802	2.7	[1.4,5.3]
Hispanic	54.6	[43.4,65.3]	104,137	43.6	[33.0,54.8]	83,147	1.8	[0.3,9.8]
Other, Non-Hispanic	54.9	[46.4,63.1]	69,353	41.1	[33.1,49.6]	51,952	4.0	[1.8,8.5]
Don't know/No answer	51.3	[39.9,62.6]	49,599	39.4	[28.8,51.1]	38,080	9.3	[4.4,18.7]
EDUCATION								
Did not graduate HS	32.1	[26.4,38.3]	172,608	63.2	[56.9,69.1]	340,107	4.7	[2.9,7.5]
HS diploma/equivalent	56.3	[53.0,59.6]	680,365	40.5	[37.3,43.7]	489,140	3.2	[1.9,5.4]
Some college/2-year college degree	61.8	[58.3,65.2]	630,186	37.3	[34.0,40.8]	380,855	0.9	[0.5,1.6]
4-year college degree or higher	72.8	[70.0,75.3]	562,126	26.2	[23.7,28.9]	202,546	1.0	[0.6,1.7]
Don't know/No answer	46.2	[20.9,73.7]	8,933	46.0	[21.3,72.9]	8,897	7.8	[2.2,23.6]
HOUSEHOLD INCOME								
Less than \$25,000	47.4	[43.4,51.5]	424,101	50.6	[46.5,54.6]	452,356	2.0	[1.3,3.2]
\$25,000-\$49,999	58.4	[53.8,62.8]	385,786	40.4	[36.0,44.9]	266,813	1.3	[0.7,2.3]
\$50,000-\$74,999	59.7	[54.2,65.1]	227,977	39.0	[33.6,44.6]	148,700	1.3	[0.6,2.9]
\$75,000 or more	73.2	[70.0,76.1]	650,944	26.6	[23.6,29.8]	236,856	0.2	[0.1,0.6]
Don't know/No answer	49.9	[45.4,54.5]	366,212	43.3	[38.9,47.9]	317,874	6.7	[4.4,10.3]

**Table 10B: Have had at least one permanent tooth removed**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	50.6	[48.6,52.5]	1,800,453	46.4	[44.5,48.3]	1,651,775	3.0	[2.4,3.8]
AGE								
18-24	86.6	[79.1,91.7]	372,606	11.2	[6.8,17.8]	48,115	2.2	[0.4,11.3]
25-34	73.8	[68.6,78.4]	473,867	25.8	[21.2,31.0]	165,580	0.4	[0.1,1.5]
35-44	58.4	[53.6,63.0]	347,476	40.0	[35.4,44.8]	238,111	1.6	[0.7,3.4]
45-54	45.2	[40.9,49.5]	244,427	51.5	[47.2,55.9]	279,013	3.3	[2.0,5.4]
55-64	32.4	[28.9,36.1]	189,765	64.5	[60.7,68.2]	377,824	3.1	[1.8,5.1]
65 and over	22.5	[20.0,25.2]	172,312	70.9	[67.9,73.7]	543,132	6.6	[5.2,8.5]
SEX OF RESPONDENT								
Male	53.3	[50.4,56.2]	911,259	44.0	[41.1,46.9]	751,769	2.7	[1.8,4.2]
Female	48.1	[45.5,50.6]	889,194	48.6	[46.1,51.2]	900,006	3.3	[2.5,4.3]
RACE-ETHNICITY								
White, Non-Hispanic	52.2	[50.0,54.4]	1,084,919	44.6	[42.4,46.8]	927,146	3.2	[2.5,4.1]
Black, Non-Hispanic	44.6	[40.5,48.8]	476,293	53.0	[48.9,57.2]	566,392	2.3	[1.1,4.8]
Hispanic	59.9	[48.6,70.2]	114,245	36.4	[26.4,47.7]	69,361	3.8	[1.4,9.7]
Other, Non-Hispanic	60.7	[52.5,68.3]	76,622	38.0	[30.5,46.2]	48,010	1.3	[0.5,3.8]
Don't know/No answer	50.0	[38.7,61.4]	48,374	42.3	[31.4,53.9]	40,866	7.7	[3.9,14.7]
EDUCATION								
Did not graduate HS	29.0	[23.2,35.5]	155,942	66.5	[59.9,72.4]	357,525	4.5	[2.7,7.5]
HS diploma/equivalent	46.0	[42.7,49.3]	555,956	49.8	[46.5,53.1]	602,363	4.2	[2.8,6.2]
Some college/2-year college degree	54.7	[51.1,58.2]	557,689	43.4	[39.9,46.9]	442,412	2.0	[1.3,2.9]
4-year college degree or higher	67.4	[64.8,70.0]	521,023	30.9	[28.4,33.5]	238,737	1.7	[1.0,2.6]
Don't know/No answer	50.9	[24.6,76.7]	9,844	45.9	[21.1,73.0]	8,880	3.1	[0.4,20.0]
HOUSEHOLD INCOME								
Less than \$25,000	41.2	[37.1,45.4]	368,472	56.0	[51.8,60.0]	500,777	2.8	[1.8,4.4]
\$25,000-\$49,999	43.5	[39.0,48.1]	287,603	54.3	[49.7,58.8]	358,768	2.2	[1.3,3.7]
\$50,000-\$74,999	56.9	[51.5,62.2]	217,152	41.1	[35.9,46.5]	156,742	2.0	[1.1,3.8]
\$75,000 or more	64.6	[61.4,67.7]	575,055	33.8	[30.7,37.0]	300,745	1.6	[0.9,2.7]
Don't know/No answer	48.0	[43.5,52.6]	352,171	45.6	[41.2,50.2]	334,743	6.4	[4.2,9.6]

**Table 10C: All natural teeth removed (among adults 65 years or older)**

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	73.0	[69.9,75.8]	587,562	15.1	[12.9,17.6]	121,737	11.9	[9.8,14.3]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	---	---	---	---	---	---	---	---
45-54	---	---	---	---	---	---	---	---
55-64	---	---	---	---	---	---	---	---
65 and over	73.0	[69.9,75.8]	587,562	15.1	[12.9,17.6]	121,737	11.9	[9.8,14.3]
SEX OF RESPONDENT								
Male	74.5	[69.9,78.6]	265,273	15.4	[12.2,19.2]	54,876	10.1	[7.4,13.7]
Female	71.8	[67.5,75.7]	322,289	14.9	[12.0,18.4]	66,862	13.3	[10.5,16.8]
RACE-ETHNICITY								
White, Non-Hispanic	75.6	[72.2,78.7]	413,813	13.4	[11.0,16.2]	73,485	11.0	[8.8,13.7]
Black, Non-Hispanic	74.2	[66.3,80.7]	142,533	18.4	[13.1,25.2]	35,364	7.4	[3.8,13.8]
Hispanic	94.6	[69.0,99.3]	10,855	5.4	[0.7,31.0]	621	---	---
Other, Non-Hispanic	54.9	[36.7,72.0]	10,866	21.1	[10.4,38.1]	4,172	24.0	[10.0,47.3]
Don't know/No answer	27.8	[17.1,41.8]	9,496	23.7	[13.0,39.3]	8,096	48.5	[34.2,63.1]
EDUCATION								
Did not graduate HS	55.9	[45.6,65.8]	83,179	33.4	[25.0,43.1]	49,705	10.6	[5.6,19.1]
HS diploma/equivalent	72.2	[66.8,76.9]	200,310	13.3	[10.0,17.4]	36,826	14.6	[10.9,19.2]
Some college/2-year college degree	79.5	[74.2,84.0]	167,822	11.6	[8.5,15.8]	24,520	8.9	[5.8,13.3]
4-year college degree or higher	82.8	[78.6,86.3]	133,018	6.7	[4.6,9.5]	10,686	10.6	[7.7,14.3]
Don't know/No answer	45.1	[16.4,77.4]	3,234	---	---	---	54.9	[22.6,83.6]
HOUSEHOLD INCOME								
Less than \$25,000	67.4	[61.1,73.1]	123,931	26.8	[21.4,33.0]	49,260	5.8	[3.7,9.0]
\$25,000-\$49,999	78.9	[72.3,84.2]	140,298	13.6	[9.6,19.0]	24,230	7.5	[4.2,13.0]
\$50,000-\$74,999	84.1	[75.8,90.0]	68,285	8.8	[4.4,16.7]	7,144	7.1	[3.7,13.2]
\$75,000 or more	89.2	[84.0,92.8]	107,273	4.3	[2.4,7.5]	5,149	6.5	[3.7,11.4]
Don't know/No answer	61.1	[54.3,67.4]	147,775	14.9	[10.7,20.3]	35,954	24.1	[18.8,30.2]

# 11. Obesity

## *Analysis of Section 8 (“Demographics”) of the 2020 BRFSS Questionnaire*

Obesity and overweight are both labels for ranges of weight that are greater than what is generally considered healthy for a given height. The terms also identify ranges of weight that have been shown to increase the likelihood of certain diseases and other health problems.

For adults, overweight and obesity ranges are determined by using weight and height to calculate a number called the “body mass index” (BMI). An adult who has a BMI between 25 and 29.9 is considered overweight, while an adult who has a BMI of 30 or higher is considered obese.

Obesity is associated with a range of health problems including coronary heart disease, Type 2 diabetes, cancer, stroke, sleep apnea, and infertility. Understanding the trends in

adults who are overweight or obese is an important part of understanding other health issues including adverse health outcomes.

In Louisiana, the share of adults who are obese is 38.1%. The share who are overweight (but not obese) is 32.4%. In other words, 70.5% of adults in Louisiana are heavier than a healthy weight. There is a higher rate of obesity among Black adults (47.1%) than among White adults (34.3%). And, while the share of overweight (but not obese) White adults (34.3%) is higher than the share of Black adults (29.1%), the latter group has a higher total share with BMI above healthy weight (76.2% versus 68.5%).

**Table 11: Computed body mass index (BMI) categories**

	Neither overweight nor obese			Overweight			Obese		
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.
Total	29.5	[27.6,31.4]	951,609	32.4	[30.6,34.3]	1,047,422	38.1	[36.2,40.1]	1,231,848
AGE									
18-24	54.6	[47.2,61.8]	211,816	19.6	[15.0,25.2]	75,996	25.8	[19.7,33.0]	100,129
25-34	29.1	[24.1,34.7]	170,798	33.7	[28.7,39.1]	197,985	37.2	[31.9,42.7]	218,040
35-44	26.5	[22.3,31.2]	142,231	30.9	[26.7,35.5]	166,014	42.6	[37.6,47.7]	228,358
45-54	21.2	[17.8,25.0]	103,229	34.3	[30.1,38.8]	167,360	44.5	[40.0,49.1]	216,924
55-64	25.3	[21.7,29.3]	136,349	34.4	[30.6,38.3]	185,256	40.4	[36.3,44.5]	217,562
65 and over	27.0	[24.0,30.3]	187,186	36.8	[33.5,40.2]	254,810	36.2	[32.7,39.8]	250,834
GENDER									
Male	28.2	[25.4,31.2]	452,606	35.4	[32.7,38.2]	568,162	36.4	[33.5,39.3]	583,886
Female	30.7	[28.2,33.3]	499,003	29.5	[27.1,31.9]	479,260	39.8	[37.2,42.6]	647,962
RACE-ETHNICITY									
White, Non-Hispanic	31.5	[29.3,33.7]	598,154	34.3	[32.2,36.4]	650,802	34.3	[32.1,36.5]	650,876
Black, Non-Hispanic	23.8	[20.1,28.0]	231,007	29.1	[25.5,33.0]	282,306	47.1	[42.8,51.4]	456,660
Hispanic	35.3	[24.4,48.0]	60,997	33.1	[23.9,43.8]	57,138	31.6	[22.6,42.3]	54,679
Other, Non-Hispanic	29.6	[21.9,38.7]	32,929	32.2	[24.6,41.0]	35,898	38.2	[29.9,47.2]	42,489
Don't know/No answer	37.1	[25.2,50.7]	28,521	27.7	[18.2,39.6]	21,278	35.3	[23.8,48.8]	27,145
EDUCATION									
Did not graduate HS	34.9	[28.5,41.8]	168,603	29.2	[23.9,35.2]	141,223	35.9	[29.9,42.4]	173,744
HS diploma/equivalent	28.0	[24.7,31.5]	305,101	33.1	[30.0,36.4]	361,257	38.9	[35.5,42.4]	424,187
Some college/2-year college degree	26.4	[23.1,29.9]	247,150	30.8	[27.6,34.3]	288,769	42.8	[39.0,46.6]	400,357
4-year college degree or higher	32.0	[29.2,35.0]	226,042	35.9	[33.1,38.9]	253,613	32.0	[29.2,35.0]	225,972
Don't know/No answer	31.7	[10.8,64.1]	4,713	17.2	[3.7,52.7]	2,560	51.1	[20.0,81.3]	7,588
HOUSEHOLD INCOME									
Less than \$25,000	30.3	[26.4,34.6]	252,806	30.1	[26.6,33.9]	251,053	39.5	[35.5,43.7]	329,560
\$25,000-\$49,999	26.9	[22.7,31.6]	168,717	33.9	[29.7,38.3]	212,587	39.3	[34.7,44.0]	246,599
\$50,000-\$74,999	23.0	[18.7,27.9]	84,166	31.5	[26.6,36.7]	115,286	45.6	[40.0,51.2]	166,962
\$75,000 or more	28.8	[25.6,32.2]	244,535	35.8	[32.6,39.0]	304,009	35.5	[32.2,38.8]	301,479
Don't know/No answer	36.4	[31.4,41.7]	201,385	29.7	[25.4,34.5]	164,487	33.9	[28.8,39.3]	187,247

## 12. Disability

*Analysis of Section 9 ("Disability") of the 2020 BRFSS Questionnaire*

Disability, as defined by the Behavioral Risk Factor Surveillance System Survey is a physical, mental, or emotional problem that limits activity. The survey includes measures for a variety of sensory and physical disabilities. These disabilities represent a significant health concern and frequently occur with many negative health outcomes, such as cardiovascular disease and diabetes, as well as worse subjective evaluations of health.

In Louisiana, 8.6% of adults report they are either deaf or have serious difficulty hearing. A similar share (8.1%) of adults say they are blind or have difficulty seeing even when wearing glasses.

Additionally, 15.7% of Louisiana adults have trouble concentrating, remembering, or making decisions because of a physical, mental, or emotional condition.

The survey also includes questions tracking difficulty in engaging in normal daily activities. These difficulties include 16.8% of adults who report serious difficulty walking or climbing stairs; 4.7% who report difficulty dressing or bathing; and 8.9% who report difficulty doing errands alone such as visiting a doctor's office or shopping because of a physical, mental, or emotional condition.

**Table 12A: Deaf or have serious difficulty hearing**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	8.6	[7.6,9.7]	292,497	91.1	[89.9,92.1]	3,100,769	0.3	[0.2,0.5]
AGE								
18-24	7.2	[3.8,13.2]	29,441	92.6	[86.5,96.0]	380,296	0.3	[0.0,2.0]
25-34	3.8	[2.1,6.9]	23,651	96.0	[92.9,97.7]	593,026	0.2	[0.0,1.5]
35-44	5.0	[3.3,7.7]	28,578	94.8	[92.2,96.6]	539,233	0.1	[0.0,1.1]
45-54	7.4	[5.3,10.2]	37,820	92.3	[89.5,94.5]	472,201	0.3	[0.1,1.1]
55-64	9.9	[7.6,12.7]	55,471	90.0	[87.1,92.3]	505,457	0.1	[0.0,0.5]
65 and over	16.0	[13.8,18.5]	117,536	83.2	[80.7,85.5]	610,556	0.8	[0.4,1.5]
GENDER								
Male	10.5	[8.9,12.3]	172,356	88.9	[87.1,90.5]	1,460,937	0.6	[0.3,1.1]
Female	6.8	[5.5,8.4]	120,141	93.1	[91.6,94.4]	1,639,832	0.1	[0.0,0.2]
RACE-ETHNICITY								
White, Non-Hispanic	10.3	[9.0,11.9]	207,338	89.3	[87.7,90.7]	1,789,957	0.4	[0.2,0.7]
Black, Non-Hispanic	4.7	[3.2,6.7]	47,289	95.2	[93.2,96.7]	962,326	0.1	[0.0,0.6]
Hispanic	9.2	[4.4,18.2]	16,524	90.8	[81.8,95.6]	163,784	---	---
Other, Non-Hispanic	8.6	[5.2,14.0]	9,954	91.4	[86.0,94.8]	106,022	---	---
Don't know/No answer	12.3	[7.1,20.6]	11,392	85.2	[76.6,91.0]	78,680	2.5	[0.8,7.6]
EDUCATION								
Did not graduate HS	15.2	[11.0,20.6]	75,950	84.5	[79.1,88.7]	421,934	0.3	[0.1,1.3]
HS diploma/equivalent	8.3	[6.8,10.2]	95,717	91.3	[89.5,92.9]	1,049,520	0.4	[0.1,0.9]
Some college/2-year college degree	7.5	[5.9,9.5]	74,207	92.3	[90.3,93.9]	913,564	0.2	[0.1,0.7]
4-year college degree or higher	5.5	[4.5,6.8]	41,486	94.2	[93.0,95.3]	705,226	0.2	[0.1,0.5]
Don't know/No answer	30.0	[9.5,63.6]	5,136	61.5	[30.6,85.3]	10,524	8.5	[1.9,30.7]
HOUSEHOLD INCOME								
Less than \$25,000	11.3	[9.0,14.1]	98,276	88.3	[85.5,90.7]	765,483	0.3	[0.1,0.8]
\$25,000-\$49,999	7.7	[5.5,10.7]	50,837	92.2	[89.2,94.4]	604,723	0.1	[0.0,0.5]
\$50,000-\$74,999	5.2	[3.6,7.5]	19,525	94.7	[92.4,96.3]	355,846	0.1	[0.0,0.8]
\$75,000 or more	7.3	[5.6,9.5]	64,402	92.4	[90.2,94.1]	811,749	0.3	[0.1,0.9]
Don't know/No answer	9.5	[7.2,12.4]	59,456	89.7	[86.7,92.1]	562,968	0.8	[0.4,1.7]

**Table 12B: Vision impaired even when wearing glasses**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	8.1	[7.0,9.3]	274,952	91.4	[90.2,92.5]	3,101,127	0.5	[0.3,0.9]
AGE								
18-24	6.9	[3.6,12.6]	27,763	92.1	[86.3,95.6]	373,149	1.1	[0.2,4.5]
25-34	5.1	[3.2,8.1]	31,575	94.7	[91.8,96.7]	585,453	0.2	[0.0,1.1]
35-44	8.8	[6.1,12.7]	50,220	91.2	[87.3,93.9]	517,992	---	---
45-54	8.3	[5.8,11.6]	42,122	91.3	[88.0,93.8]	464,677	0.4	[0.1,1.1]
55-64	9.8	[7.7,12.5]	55,108	89.4	[86.7,91.6]	501,018	0.8	[0.4,1.7]
65 and over	9.3	[7.6,11.4]	68,164	89.8	[87.7,91.6]	658,837	0.9	[0.4,1.7]
GENDER								
Male	7.6	[6.1,9.4]	124,728	91.7	[89.8,93.3]	1,506,292	0.7	[0.3,1.4]
Female	8.6	[7.2,10.2]	150,224	91.0	[89.4,92.5]	1,594,835	0.4	[0.2,0.7]
RACE-ETHNICITY								
White, Non-Hispanic	6.5	[5.5,7.7]	130,152	93.0	[91.8,94.1]	1,860,241	0.5	[0.2,1.0]
Black, Non-Hispanic	10.4	[8.0,13.3]	104,324	89.1	[86.2,91.5]	896,469	0.5	[0.2,1.1]
Hispanic	11.2	[5.3,22.3]	20,258	88.8	[77.7,94.7]	160,051	---	---
Other, Non-Hispanic	9.3	[5.6,14.8]	10,746	89.6	[83.6,93.6]	103,929	1.1	[0.2,7.5]
Don't know/No answer	10.3	[5.1,19.5]	9,473	87.1	[77.9,92.8]	80,437	2.7	[1.0,7.0]
EDUCATION								
Did not graduate HS	19.2	[14.5,24.9]	95,605	79.8	[74.0,84.5]	398,137	1.1	[0.3,3.4]
HS diploma/equivalent	6.4	[5.0,8.1]	73,106	93.0	[91.3,94.4]	1,062,180	0.6	[0.3,1.2]
Some college/2-year college degree	7.8	[6.1,10.0]	77,463	92.0	[89.9,93.7]	909,668	0.2	[0.0,0.6]
4-year college degree or higher	3.6	[2.7,4.8]	27,209	95.9	[94.6,96.9]	716,206	0.5	[0.2,1.1]
Don't know/No answer	9.2	[1.3,44.6]	1,570	87.3	[56.4,97.3]	14,937	3.5	[0.5,22.5]
HOUSEHOLD INCOME								
Less than \$25,000	15.5	[12.8,18.7]	134,224	83.6	[80.4,86.4]	724,114	0.9	[0.4,2.2]
\$25,000-\$49,999	5.1	[3.5,7.3]	33,229	94.5	[92.2,96.2]	619,466	0.4	[0.1,1.4]
\$50,000-\$74,999	5.9	[3.6,9.5]	22,013	94.0	[90.4,96.3]	351,223	0.1	[0.0,0.5]
\$75,000 or more	2.5	[1.8,3.6]	22,163	97.3	[96.1,98.1]	851,976	0.2	[0.1,0.6]
Don't know/No answer	10.2	[7.3,14.0]	63,325	89.0	[85.1,91.9]	554,348	0.9	[0.4,1.8]

**Table 12C: Have difficulty concentrating, remembering, or making decisions**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	15.7	[14.2,17.3]	530,064	83.3	[81.6,84.8]	2,816,895	1.1	[0.8,1.5]
AGE								
18-24	22.4	[16.6,29.4]	90,642	76.6	[69.6,82.4]	310,432	1.0	[0.3,3.3]
25-34	14.6	[11.1,18.9]	89,218	84.4	[80.1,88.0]	516,523	1.0	[0.4,2.2]
35-44	18.8	[14.9,23.5]	106,815	80.3	[75.7,84.3]	456,242	0.9	[0.3,2.3]
45-54	14.8	[11.7,18.6]	75,314	84.6	[80.8,87.8]	430,300	0.6	[0.2,1.5]
55-64	16.1	[13.2,19.4]	89,863	82.1	[78.6,85.1]	458,658	1.8	[0.9,3.9]
65 and over	10.7	[8.4,13.5]	78,211	88.2	[85.3,90.5]	644,740	1.1	[0.6,2.1]
GENDER								
Male	13.4	[11.3,15.8]	219,596	85.3	[82.9,87.5]	1,398,426	1.3	[0.8,2.0]
Female	17.8	[15.7,20.1]	310,468	81.3	[79.0,83.4]	1,418,468	0.9	[0.5,1.5]
RACE-ETHNICITY								
White, Non-Hispanic	15.1	[13.4,17.0]	301,042	83.9	[82.0,85.7]	1,675,055	1.0	[0.6,1.6]
Black, Non-Hispanic	15.2	[12.2,18.7]	151,779	84.1	[80.5,87.1]	840,663	0.7	[0.3,1.6]
Hispanic	18.6	[10.3,31.2]	33,422	80.0	[67.6,88.5]	143,641	1.4	[0.4,4.6]
Other, Non-Hispanic	22.1	[15.6,30.3]	25,594	76.9	[68.7,83.5]	89,236	1.0	[0.3,2.8]
Don't know/No answer	19.7	[12.2,30.4]	18,227	73.9	[62.1,83.1]	68,300	6.3	[2.1,17.7]
EDUCATION								
Did not graduate HS	35.7	[29.4,42.5]	178,154	62.6	[55.8,68.9]	312,343	1.7	[0.7,4.1]
HS diploma/equivalent	12.6	[10.6,14.9]	142,717	87.0	[84.6,89.0]	988,165	0.5	[0.2,1.0]
Some college/2-year college degree	15.5	[13.0,18.4]	153,333	83.0	[80.1,85.6]	818,897	1.4	[0.8,2.6]
4-year college degree or higher	6.8	[5.5,8.5]	50,725	92.3	[90.5,93.7]	686,918	0.9	[0.5,1.7]
Don't know/No answer	30.0	[9.5,63.6]	5,136	61.8	[31.0,85.3]	10,572	8.2	[2.3,25.6]
HOUSEHOLD INCOME								
Less than \$25,000	27.5	[23.8,31.5]	236,294	71.3	[67.3,75.0]	613,221	1.2	[0.7,2.3]
\$25,000-\$49,999	13.0	[10.2,16.5]	85,261	86.1	[82.6,89.0]	563,202	0.8	[0.4,1.9]
\$50,000-\$74,999	11.8	[8.5,16.2]	44,055	88.2	[83.8,91.5]	328,123	---	---
\$75,000 or more	6.4	[4.7,8.6]	56,055	92.7	[90.4,94.5]	811,248	0.8	[0.4,1.8]
Don't know/No answer	17.4	[13.6,22.0]	108,398	80.5	[75.9,84.5]	501,100	2.1	[1.1,3.9]

**Table 12D: Have difficulty walking or climbing stairs**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	16.8	[15.4,18.3]	566,552	82.8	[81.3,84.2]	2,786,889	0.4	[0.2,0.7]
AGE								
18-24	3.0	[1.3,6.6]	12,144	97.0	[93.4,98.7]	391,539	---	---
25-34	4.3	[2.5,7.3]	26,177	94.9	[91.8,96.8]	573,271	0.8	[0.2,2.6]
35-44	11.0	[8.0,14.9]	62,401	89.0	[85.1,92.0]	505,516	0.0	---
45-54	17.1	[13.8,21.2]	86,458	82.3	[78.3,85.7]	414,932	0.6	[0.2,1.7]
55-64	25.6	[22.1,29.4]	142,876	74.3	[70.5,77.8]	415,177	0.1	[0.0,0.6]
65 and over	32.5	[29.1,36.1]	236,497	66.8	[63.2,70.2]	486,453	0.8	[0.4,1.5]
GENDER								
Male	13.0	[11.2,15.1]	211,727	86.6	[84.6,88.5]	1,409,273	0.3	[0.1,0.8]
Female	20.4	[18.4,22.6]	354,825	79.1	[76.9,81.2]	1,377,615	0.5	[0.2,1.0]
RACE-ETHNICITY								
White, Non-Hispanic	15.2	[13.7,16.9]	302,925	84.3	[82.7,85.9]	1,676,742	0.4	[0.2,0.9]
Black, Non-Hispanic	21.3	[18.0,24.9]	211,189	78.7	[75.1,81.9]	781,335	0.1	[0.0,0.3]
Hispanic	9.8	[5.1,18.0]	17,474	89.5	[81.3,94.4]	159,992	0.7	[0.1,5.0]
Other, Non-Hispanic	14.1	[9.5,20.4]	16,391	84.9	[78.6,89.6]	98,487	0.9	[0.3,3.3]
Don't know/No answer	20.4	[13.0,30.6]	18,573	77.4	[67.0,85.3]	70,333	2.1	[0.5,8.9]
EDUCATION								
Did not graduate HS	34.3	[28.4,40.8]	169,944	65.2	[58.7,71.2]	323,014	0.5	[0.1,3.2]
HS diploma/equivalent	16.8	[14.7,19.1]	189,668	83.0	[80.6,85.1]	937,833	0.2	[0.1,0.7]
Some college/2-year college degree	14.2	[12.2,16.6]	140,115	85.2	[82.8,87.3]	838,397	0.6	[0.3,1.2]
4-year college degree or higher	8.3	[6.9,10.0]	61,625	91.3	[89.6,92.8]	677,684	0.4	[0.1,1.1]
Don't know/No answer	33.0	[10.3,67.9]	5,201	63.2	[29.9,87.4]	9,961	3.8	[0.5,24.2]
HOUSEHOLD INCOME								
Less than \$25,000	30.9	[27.4,34.7]	265,444	68.6	[64.8,72.1]	588,731	0.5	[0.2,1.6]
\$25,000-\$49,999	15.5	[12.6,19.1]	101,376	84.2	[80.6,87.2]	549,042	0.3	[0.1,1.1]
\$50,000-\$74,999	9.2	[6.8,12.5]	34,226	90.8	[87.5,93.2]	335,879	---	---
\$75,000 or more	4.4	[3.3,5.8]	38,379	95.4	[94.0,96.5]	832,378	0.2	[0.0,0.9]
Don't know/No answer	20.7	[16.9,25.1]	127,126	78.4	[74.0,82.2]	480,860	0.9	[0.4,1.9]

**Table 12E: Have difficulty dressing or bathing**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	4.7	[3.9,5.6]	156,562	95.2	[94.3,95.9]	3,188,941	0.2	[0.1,0.3]
AGE								
18-24	---	----	----	100.0	----	----	---	----
25-34	1.3	[0.5,3.2]	7,909	98.5	[96.6,99.3]	592,712	0.2	[0.0,1.6]
35-44	3.5	[1.9,6.3]	19,841	96.3	[93.5,97.9]	543,408	0.2	[0.0,0.7]
45-54	5.4	[3.5,8.2]	26,640	94.6	[91.8,96.5]	470,717	---	----
55-64	8.9	[6.5,12.0]	49,392	91.0	[87.9,93.3]	506,914	0.2	[0.1,0.6]
65 and over	7.3	[5.7,9.3]	52,780	92.5	[90.5,94.1]	671,965	0.3	[0.1,0.9]
GENDER								
Male	3.8	[2.9,4.9]	61,070	96.0	[94.8,96.9]	1,553,652	0.2	[0.1,0.6]
Female	5.5	[4.4,6.9]	95,492	94.4	[93.0,95.5]	1,635,289	0.1	[0.0,0.2]
RACE-ETHNICITY								
White, Non-Hispanic	3.9	[3.1,4.9]	77,717	95.8	[94.8,96.7]	1,900,942	0.2	[0.1,0.5]
Black, Non-Hispanic	5.5	[4.1,7.5]	54,329	94.5	[92.5,95.9]	928,664	---	----
Hispanic	6.4	[2.7,14.5]	11,461	93.6	[85.5,97.3]	167,300	---	----
Other, Non-Hispanic	3.9	[1.8,8.4]	4,512	96.1	[91.6,98.2]	111,006	---	----
Don't know/No answer	9.5	[4.4,19.3]	8,544	89.9	[80.1,95.1]	81,029	0.7	[0.1,4.6]
EDUCATION								
Did not graduate HS	11.3	[8.0,15.8]	55,555	88.7	[84.2,92.0]	434,773	---	----
HS diploma/equivalent	3.4	[2.5,4.6]	38,159	96.3	[95.1,97.3]	1,084,556	0.3	[0.1,0.9]
Some college/2-year college degree	5.1	[3.8,6.8]	49,962	94.9	[93.2,96.2]	930,432	---	----
4-year college degree or higher	1.7	[1.2,2.6]	12,887	98.1	[97.3,98.7]	724,545	0.1	[0.1,0.4]
Don't know/No answer	---	----	----	96.0	[75.0,99.5]	14,635	4.0	[0.5,25.0]
HOUSEHOLD INCOME								
Less than \$25,000	9.5	[7.5,12.0]	80,964	90.3	[87.8,92.3]	768,138	0.2	[0.1,0.7]
\$25,000-\$49,999	2.9	[1.9,4.3]	18,725	97.1	[95.6,98.1]	631,914	0.0	[0.0,0.2]
\$50,000-\$74,999	2.3	[1.0,5.0]	8,489	97.7	[95.0,99.0]	359,482	---	----
\$75,000 or more	1.5	[0.9,2.5]	12,900	98.5	[97.5,99.1]	857,761	0.1	[0.0,0.4]
Don't know/No answer	5.8	[3.8,8.7]	35,485	93.7	[90.8,95.8]	571,646	0.5	[0.1,1.4]

**Table 12F: Have difficulty doing errands alone**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	8.9	[7.8,10.1]	297,091	90.6	[89.4,91.8]	3,030,203	0.5	[0.3,0.8]
AGE								
18-24	6.8	[3.8,12.0]	27,356	93.2	[88.0,96.2]	375,869	---	---
25-34	6.2	[3.8,9.8]	37,191	93.5	[89.9,95.9]	562,986	0.3	[0.1,1.4]
35-44	7.2	[4.6,11.2]	40,786	92.7	[88.7,95.3]	521,952	0.1	[0.0,0.7]
45-54	10.0	[7.6,13.1]	49,603	89.6	[86.4,92.1]	442,383	0.4	[0.1,2.8]
55-64	8.7	[6.5,11.5]	48,425	90.7	[87.8,92.9]	504,172	0.6	[0.2,1.9]
65 and over	12.9	[10.8,15.5]	93,729	86.0	[83.4,88.2]	622,841	1.1	[0.6,2.1]
GENDER								
Male	5.6	[4.4,7.3]	91,186	93.8	[92.2,95.2]	1,516,582	0.5	[0.2,1.1]
Female	11.9	[10.2,13.9]	205,905	87.6	[85.7,89.4]	1,513,622	0.4	[0.2,0.9]
RACE-ETHNICITY								
White, Non-Hispanic	8.6	[7.3,10.1]	169,770	91.1	[89.6,92.4]	1,804,634	0.3	[0.2,0.7]
Black, Non-Hispanic	8.6	[6.8,10.9]	84,772	91.1	[88.8,92.9]	892,621	0.3	[0.1,0.9]
Hispanic	13.4	[6.2,26.5]	23,870	86.6	[73.5,93.8]	154,269	---	---
Other, Non-Hispanic	12.3	[7.9,18.7]	14,185	86.6	[80.2,91.2]	100,069	1.1	[0.3,3.5]
Don't know/No answer	5.1	[2.1,11.8]	4,494	88.9	[79.1,94.4]	78,609	6.1	[2.2,15.9]
EDUCATION								
Did not graduate HS	20.9	[15.8,27.2]	101,696	77.2	[70.9,82.5]	375,174	1.9	[0.9,3.8]
HS diploma/equivalent	8.0	[6.5,9.7]	89,709	91.8	[90.0,93.3]	1,033,575	0.2	[0.1,0.7]
Some college/2-year college degree	8.1	[6.5,10.1]	79,128	91.6	[89.6,93.3]	897,440	0.3	[0.1,1.0]
4-year college degree or higher	3.5	[2.7,4.6]	26,086	96.4	[95.3,97.3]	710,295	0.0	[0.0,0.2]
Don't know/No answer	3.1	[0.4,20.5]	472	90.0	[69.6,97.3]	13,719	6.9	[1.5,26.5]
HOUSEHOLD INCOME								
Less than \$25,000	17.8	[14.8,21.3]	151,423	81.6	[78.1,84.6]	693,104	0.6	[0.2,1.7]
\$25,000-\$49,999	6.2	[4.6,8.3]	40,165	93.7	[91.6,95.3]	609,946	0.1	[0.0,0.5]
\$50,000-\$74,999	4.1	[2.4,7.1]	15,214	95.9	[92.9,97.6]	352,355	---	---
\$75,000 or more	3.1	[1.9,5.1]	27,345	96.7	[94.8,98.0]	841,592	0.1	[0.0,0.9]
Don't know/No answer	10.4	[7.7,13.9]	62,943	88.1	[84.5,91.0]	533,206	1.5	[0.8,2.8]

## 13. Tobacco Use

*Analysis of Section 10 (“Tobacco Use”) and of the 2020 BRFSS Questionnaire*

Tobacco use is associated with a variety of negative health outcomes, including coronary heart disease, lung cancer, and cancer of the larynx and mouth.

Rates of smoking in Louisiana continue to decline. The share of adults who report that they currently smoke has dropped steadily over the past decade, from 25.7% in 2011 to 17.0% in 2020.

A smaller share (5.5%) of adults in Louisiana use chewing tobacco, snuff, or snus.

In general, across all forms of tobacco included in the BRFSS, use is more prevalent among men than among women, especially for forms other than cigarettes (9.1% of men versus 2.1% of women).

Moreover, household income and educational attainment are negatively related to tobacco use. While 24.8% of individuals in the bottom thirty percent of household incomes are current smokers, only 11.2% of those in the top thirty percent of household incomes are.

The gap in current cigarette use is even larger across levels of educational attainment: 11.5 percentage points lower among those with a four-year college degree than among those with only a high school diploma and 23.8 percentage points lower than among those who did not graduate from high school.

Cigarette use is least common among the elderly and younger adults (age 18 to 24).

**Table 13A: Respondent is a current smoker**

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	75.9	[74.2,77.5]	2,703,092	17.0	[15.6,18.5]	605,263	7.1	[6.1,8.2]
AGE								
18-24	81.4	[75.2,86.4]	350,302	11.0	[7.3,16.4]	47,487	7.5	[4.5,12.2]
25-34	75.6	[70.6,80.0]	485,478	17.2	[13.3,21.9]	110,369	7.2	[4.9,10.5]
35-44	69.6	[65.2,73.7]	413,922	24.1	[20.4,28.2]	143,163	6.3	[4.4,9.1]
45-54	73.3	[69.0,77.2]	396,870	17.3	[14.2,20.9]	93,660	9.4	[6.8,12.9]
55-64	71.0	[67.1,74.6]	415,719	23.4	[20.0,27.1]	136,847	5.6	[3.9,8.1]
65 and over	83.6	[81.1,85.8]	640,800	9.6	[8.0,11.6]	73,735	6.8	[5.3,8.6]
GENDER								
Male	74.3	[71.6,76.8]	1,270,289	18.9	[16.8,21.3]	323,561	6.8	[5.4,8.5]
Female	77.4	[75.2,79.5]	1,432,803	15.2	[13.5,17.1]	281,702	7.3	[6.1,8.8]
RACE-ETHNICITY								
White, Non-Hispanic	75.7	[73.7,77.6]	1,574,195	18.7	[16.9,20.5]	388,034	5.6	[4.7,6.7]
Black, Non-Hispanic	77.0	[73.4,80.3]	821,966	14.2	[11.6,17.2]	151,288	8.8	[6.7,11.6]
Hispanic	79.4	[69.3,86.9]	151,545	12.8	[7.2,21.6]	24,333	7.8	[3.5,16.5]
Other, Non-Hispanic	70.1	[61.7,77.3]	88,533	19.8	[14.0,27.2]	24,958	10.1	[5.8,17.2]
Don't know/No answer	69.1	[57.6,78.7]	66,854	17.2	[9.6,28.9]	16,650	13.6	[8.1,21.9]
EDUCATION								
Did not graduate HS	58.0	[51.7,64.1]	312,057	30.9	[25.5,36.9]	166,342	11.0	[7.4,16.1]
HS diploma/equivalent	73.4	[70.4,76.2]	887,099	18.6	[16.2,21.3]	224,978	8.0	[6.4,9.9]
Some college/2-year college degree	79.9	[77.1,82.4]	815,243	15.4	[13.2,17.9]	157,215	4.7	[3.5,6.3]
4-year college degree or higher	87.5	[85.6,89.2]	676,115	7.1	[5.9,8.6]	55,158	5.3	[4.2,6.8]
Don't know/No answer	65.1	[38.6,84.7]	12,577	8.1	[1.1,40.8]	1,570	26.8	[11.2,51.4]
HOUSEHOLD INCOME								
Less than \$25,000	69.9	[66.0,73.5]	624,957	24.8	[21.5,28.4]	221,481	5.4	[3.7,7.8]
\$25,000-\$49,999	77.6	[73.5,81.3]	513,007	19.9	[16.4,24.0]	131,480	2.5	[1.5,4.2]
\$50,000-\$74,999	80.5	[76.1,84.2]	307,021	14.8	[11.6,18.6]	56,436	4.8	[2.9,7.8]
\$75,000 or more	85.9	[83.2,88.3]	764,633	11.2	[9.1,13.7]	99,608	2.9	[1.9,4.3]
Don't know/No answer	67.3	[63.0,71.3]	493,474	13.1	[10.5,16.2]	96,257	19.6	[16.3,23.4]

**Table 13B: Use smokeless tobacco products such as chewing tobacco, snuff, or snus**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	5.5	[4.6,6.5]	183,190	94.3	[93.3,95.2]	3,138,454	0.2	[0.1,0.4]
AGE								
18-24	6.4	[3.5,11.3]	25,664	93.6	[88.7,96.5]	377,561	---	---
25-34	7.3	[4.9,10.6]	43,585	92.6	[89.3,95.0]	554,444	0.1	[0.0,0.5]
35-44	5.4	[3.5,8.1]	29,975	94.5	[91.8,96.4]	529,119	0.1	[0.0,0.9]
45-54	5.9	[4.1,8.4]	29,057	93.9	[91.4,95.7]	462,464	0.2	[0.0,1.1]
55-64	6.3	[4.3,8.9]	34,590	93.7	[91.0,95.6]	517,928	0.0	[0.0,0.2]
65 and over	2.8	[1.9,4.2]	20,318	96.6	[95.1,97.6]	696,939	0.6	[0.3,1.3]
GENDER								
Male	9.1	[7.7,10.9]	147,127	90.6	[88.9,92.1]	1,458,988	0.2	[0.1,0.5]
Female	2.1	[1.3,3.5]	36,063	97.7	[96.4,98.6]	1,679,466	0.2	[0.1,0.4]
RACE-ETHNICITY								
White, Non-Hispanic	7.0	[5.8,8.4]	137,707	92.8	[91.3,94.0]	1,830,697	0.2	[0.1,0.5]
Black, Non-Hispanic	2.3	[1.4,3.7]	22,495	97.7	[96.3,98.5]	952,696	---	---
Hispanic	7.9	[3.3,17.7]	14,063	92.1	[82.3,96.7]	163,169	---	---
Other, Non-Hispanic	6.4	[3.3,12.0]	7,280	92.6	[86.9,96.0]	106,199	1.0	[0.2,4.1]
Don't know/No answer	1.9	[0.6,5.7]	1,645	97.4	[93.3,99.1]	85,692	0.7	[0.1,4.8]
EDUCATION								
Did not graduate HS	8.9	[5.5,13.9]	42,875	90.9	[85.8,94.3]	439,611	0.2	[0.0,1.7]
HS diploma/equivalent	6.2	[4.8,8.0]	69,729	93.5	[91.7,95.0]	1,046,315	0.2	[0.1,0.6]
Some college/2-year college degree	4.6	[3.3,6.2]	44,419	95.4	[93.7,96.6]	931,231	---	---
4-year college degree or higher	3.2	[2.3,4.5]	23,749	96.6	[95.3,97.6]	709,566	0.2	[0.0,0.6]
Don't know/No answer	15.9	[3.5,49.3]	2,416	77.0	[45.9,92.9]	11,731	7.2	[1.6,26.4]
HOUSEHOLD INCOME								
Less than \$25,000	4.9	[3.3,7.4]	41,914	94.9	[92.4,96.6]	804,847	0.1	[0.0,0.6]
\$25,000-\$49,999	4.3	[2.8,6.6]	28,191	95.6	[93.3,97.2]	620,034	---	---
\$50,000-\$74,999	5.4	[3.5,8.2]	19,835	94.4	[91.6,96.4]	347,149	0.2	[0.0,1.1]
\$75,000 or more	7.6	[5.8,10.1]	66,342	92.4	[89.9,94.2]	801,754	---	---
Don't know/No answer	4.5	[3.0,6.8]	26,908	94.7	[92.4,96.4]	564,670	0.8	[0.4,1.7]

## 14. Alcohol Use

### *Analysis of Section 11 ("Alcohol Consumption") of the 2020 BRFSS Questionnaire*

Excessive alcohol consumption is associated with liver disease, heart disease, obesity, kidney disease, greater risk for certain types of cancer, and a number of other detrimental health conditions.

The BRFSS survey tracks two forms of excessive alcohol consumption: Heavy drinking and binge drinking. For the BRFSS survey, *heavy drinking* is defined as consuming, on average, more than 14 drinks per week for men or more than seven drinks per week for women. A drink is defined as a 12-ounce beer, a five ounce glass of wine, or a drink with one shot of liquor. Binge drinking is defined as

The survey also asks the number of times in the past month when individuals consumed five or more alcoholic drinks (for men) or four or more alcoholic drinks (for women) on a single occasion. Consuming more than this number of drinks in a single occasion is classified as *binge drinking*.

In Louisiana, 6.9% of Louisiana adults are classified as heavy drinkers. Fewer Black adults (4.5%) drink heavily than adults of other racial and ethnic backgrounds in the state. Unlike with other high-risk behaviors, there are few, if any, differences in the likelihood of heavy drinking across age or socio-economic status.

The patterns are somewhat different for frequency of binge drinking in Louisiana.

First, a larger share of state residents engage in binge drinking (16.6%).

Second, differences in the rate of binge drinking are associated with more demographic characteristics. For example, age is much more strongly associated with binge drinking than heavy drinking. Indeed, binge drinking among adults under the age of 35 is nearly twice as common as among 55-64 year olds and four times as common as among those 65 years or older.

Household income is also associated with binge drinking. However, in contrast to many other health behaviors, individuals with higher household incomes are more likely to engage in this particular risky behavior than individuals from low income households. 14.5% of individuals in the bottom 30% of household incomes engage in heavy drinking, but 24% of those in the top 30% of household incomes do.

Finally, the difference between men and women is large for binge drinking. Nearly one in four Louisiana men (22.4%) engage in binge drinking, while about half as many (11.2%) women do.

**Table 14A: Respondent engages in heavy drinking\***

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	82.3	[80.8,83.8]	2,931,563	6.9	[6.1,7.9]	246,703	10.7	[9.5,12.0]
AGE								
18-24	83.3	[77.4,87.9]	358,243	7.0	[4.2,11.5]	30,026	9.7	[6.3,14.7]
25-34	79.5	[74.7,83.5]	510,215	6.7	[4.6,9.7]	43,324	13.8	[10.3,18.2]
35-44	81.1	[77.3,84.4]	482,429	9.6	[7.3,12.5]	56,983	9.3	[6.9,12.4]
45-54	79.4	[75.3,82.9]	429,668	7.1	[5.2,9.7]	38,535	13.5	[10.5,17.2]
55-64	82.9	[79.6,85.8]	485,479	7.9	[6.0,10.3]	46,160	9.2	[7.1,12.0]
65 and over	86.8	[84.6,88.8]	665,530	4.1	[3.2,5.4]	31,674	9.0	[7.4,11.0]
GENDER								
Male	80.3	[77.9,82.5]	1,373,326	7.9	[6.6,9.5]	135,890	11.7	[9.9,13.9]
Female	84.2	[82.2,86.0]	1,558,237	6.0	[4.9,7.3]	110,813	9.8	[8.4,11.5]
RACE-ETHNICITY								
White, Non-Hispanic	83.2	[81.5,84.8]	1,729,141	8.2	[7.1,9.5]	171,365	8.6	[7.4,9.9]
Black, Non-Hispanic	81.3	[77.7,84.4]	868,118	4.5	[3.1,6.6]	48,359	14.2	[11.4,17.5]
Hispanic	83.7	[74.9,89.8]	159,711	7.5	[4.0,13.8]	14,315	8.8	[4.4,16.9]
Other, Non-Hispanic	80.4	[72.4,86.6]	101,604	4.8	[2.5,8.7]	6,012	14.8	[9.2,22.9]
Don't know/No answer	75.5	[65.8,83.1]	72,989	6.9	[3.5,13.2]	6,651	17.6	[11.3,26.6]
EDUCATION								
Did not graduate HS	78.4	[72.6,83.3]	421,712	6.0	[3.7,9.7]	32,418	15.6	[11.3,21.0]
HS diploma/equivalent	82.4	[79.8,84.7]	995,766	6.4	[5.0,8.0]	77,122	11.2	[9.3,13.5]
Some college/2-year college degree	83.8	[80.9,86.3]	854,336	7.4	[5.7,9.5]	75,208	8.9	[7.0,11.1]
4-year college degree or higher	83.8	[81.6,85.9]	647,663	8.0	[6.6,9.7]	61,827	8.2	[6.7,9.9]
Don't know/No answer	62.5	[36.1,83.1]	12,085	0.7	[0.1,4.9]	127	36.8	[16.5,63.3]
HOUSEHOLD INCOME								
Less than \$25,000	84.7	[81.2,87.7]	757,840	5.6	[3.9,7.8]	49,901	9.7	[7.3,12.8]
\$25,000-\$49,999	87.8	[84.4,90.6]	580,538	5.3	[3.4,8.0]	34,749	6.9	[4.9,9.6]
\$50,000-\$74,999	83.2	[78.6,86.9]	317,477	9.2	[6.6,12.6]	35,029	7.6	[5.0,11.5]
\$75,000 or more	83.6	[81.0,86.0]	744,054	10.8	[8.9,13.1]	96,333	5.5	[4.2,7.3]
Don't know/No answer	72.5	[68.4,76.2]	531,654	4.2	[3.0,5.8]	30,692	23.3	[19.8,27.3]

\* Males who consume more than 14 drinks per week or females who consume more than 7 drinks per week

**Table 14B: Respondent engages in binge drinking\***

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	72.4	[70.6,74.1]	2,577,343	16.6	[15.2,18.1]	590,192	11.0	[9.8,12.4]
AGE								
18-24	67.8	[61.1,73.9]	291,759	23.0	[17.9,29.1]	98,888	9.2	[5.9,14.1]
25-34	64.5	[59.2,69.4]	413,939	21.1	[17.1,25.7]	135,506	14.4	[10.9,18.9]
35-44	65.5	[60.7,70.0]	389,581	25.1	[21.0,29.7]	149,189	9.4	[7.0,12.5]
45-54	69.4	[65.1,73.5]	375,896	16.5	[13.5,20.0]	89,174	14.1	[11.0,17.8]
55-64	77.2	[73.6,80.4]	451,991	12.9	[10.5,15.7]	75,506	9.9	[7.7,12.8]
65 and over	85.4	[83.0,87.5]	654,177	5.5	[4.2,7.1]	41,929	9.2	[7.5,11.2]
GENDER								
Male	65.4	[62.6,68.1]	1,118,285	22.4	[20.1,24.8]	382,203	12.2	[10.4,14.4]
Female	78.8	[76.6,81.0]	1,459,058	11.2	[9.6,13.2]	207,990	9.9	[8.5,11.6]
RACE-ETHNICITY								
White, Non-Hispanic	72.9	[70.9,74.8]	1,515,256	18.3	[16.6,20.1]	380,476	8.8	[7.7,10.1]
Black, Non-Hispanic	72.5	[68.4,76.2]	773,607	12.8	[10.0,16.2]	136,445	14.8	[11.9,18.1]
Hispanic	67.2	[56.6,76.3]	128,204	23.8	[16.1,33.7]	45,362	9.0	[4.6,17.0]
Other, Non-Hispanic	69.6	[61.0,77.0]	87,921	15.0	[9.9,22.0]	18,917	15.4	[9.8,23.4]
Don't know/No answer	74.8	[64.9,82.7]	72,355	9.3	[4.6,18.0]	8,992	15.9	[10.2,23.8]
EDUCATION								
Did not graduate HS	69.1	[62.8,74.7]	371,347	14.5	[10.5,19.7]	78,112	16.4	[12.1,21.9]
HS diploma/equivalent	72.3	[69.1,75.2]	873,456	16.3	[13.9,19.1]	197,363	11.4	[9.4,13.7]
Some college/2-year college degree	74.0	[70.6,77.1]	754,986	16.8	[14.2,19.9]	171,585	9.2	[7.3,11.4]
4-year college degree or higher	73.3	[70.6,75.8]	566,028	18.2	[16.1,20.6]	140,876	8.5	[7.0,10.3]
Don't know/No answer	59.6	[33.2,81.4]	11,526	11.7	[2.6,39.9]	2,257	28.7	[12.4,53.5]
HOUSEHOLD INCOME								
Less than \$25,000	75.1	[71.1,78.7]	671,770	14.5	[11.6,18.0]	129,913	10.4	[7.9,13.5]
\$25,000-\$49,999	77.9	[73.4,81.8]	514,803	15.7	[12.1,20.0]	103,705	6.4	[4.5,9.0]
\$50,000-\$74,999	70.9	[65.3,75.9]	270,468	21.1	[16.6,26.3]	80,338	8.1	[5.3,12.0]
\$75,000 or more	70.6	[67.5,73.5]	628,102	24.0	[21.3,26.9]	213,103	5.5	[4.1,7.2]
Don't know/No answer	67.1	[62.8,71.1]	492,199	8.6	[6.6,11.2]	63,134	24.3	[20.7,28.2]

\* Males that consume five or more drinks on one occasion or females who consume four or more drinks on one occasion

## 15. Immunizations

*Analysis of Section 12 (Immunization”) of the 2020 BRFSS Questionnaire*

Influenza (the flu) is a contagious respiratory illness caused by influenza viruses. Each year, an estimated 10-20% of the population contracts the influenza virus, causing mild to severe illness. The flu is especially threatening for children and the elderly. The best protection is vaccination.

Approximately two in five Louisiana residents (41.2%) received a vaccination against the flu in the previous year. This is the highest share in recent years, an increase from 38.5% in 2019, 26.3% in 2018, 34.6% in 2017, and 32.8% in 2016.

Flu vaccination varies by gender (women are more likely to get vaccinated than men), race

(White people are more likely to get vaccinated than people of color), and socioeconomic status (more highly educated and higher income households are more likely to be vaccinated).

However, the largest gap occurs across age groups. Adults under the age of 45 are some of the least likely to vaccination against the flu (about one in three). Among the elderly, the rate of vaccination is twice as high, 63.9%.

Pneumonia is also a particularly dangerous threat for the elderly. A majority of Louisiana’s elderly population has also received vaccination against pneumonia (59.4%).

**Table 15A: Received adult flu shot/spray within past year**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	41.2	[39.2,43.1]	1,348,176	58.2	[56.2,60.1]	1,906,186	0.7	[0.4,1.1]
AGE								
18-24	33.9	[27.2,41.3]	132,604	65.5	[58.1,72.2]	256,382	0.6	[0.1,2.3]
25-34	28.3	[23.8,33.2]	163,914	70.5	[65.6,75.1]	409,181	1.2	[0.5,2.8]
35-44	31.3	[27.1,35.9]	173,154	68.5	[63.9,72.7]	378,338	0.2	[0.0,1.3]
45-54	34.3	[30.2,38.6]	167,267	65.6	[61.2,69.7]	320,063	0.2	[0.0,1.3]
55-64	46.3	[42.2,50.5]	253,772	52.9	[48.7,57.0]	289,466	0.8	[0.2,3.1]
65 and over	63.9	[60.5,67.1]	457,464	35.3	[32.1,38.6]	252,756	0.8	[0.4,1.6]
GENDER								
Male	37.6	[34.8,40.5]	592,465	61.5	[58.6,64.3]	968,509	0.9	[0.5,1.7]
Female	44.4	[41.8,47.1]	755,711	55.1	[52.5,57.7]	937,677	0.5	[0.2,0.9]
RACE-ETHNICITY								
White, Non-Hispanic	44.7	[42.5,46.9]	873,625	54.8	[52.5,57.0]	1,070,729	0.5	[0.3,1.0]
Black, Non-Hispanic	37.1	[33.0,41.3]	350,466	62.4	[58.1,66.4]	589,179	0.6	[0.2,1.4]
Hispanic	33.7	[23.5,45.7]	58,729	66.3	[54.3,76.5]	115,521	---	---
Other, Non-Hispanic	36.5	[28.5,45.2]	41,711	62.5	[53.8,70.5]	71,527	1.0	[0.2,4.0]
Don't know/No answer	27.1	[18.5,37.7]	23,646	67.8	[56.0,77.6]	59,230	5.2	[1.3,18.4]
EDUCATION								
Did not graduate HS	33.7	[27.8,40.2]	160,466	65.3	[58.8,71.3]	310,900	1.0	[0.2,3.7]
HS diploma/equivalent	36.0	[32.8,39.3]	395,996	63.8	[60.5,67.0]	701,522	0.2	[0.1,0.7]
Some college/2-year college degree	40.6	[37.0,44.3]	389,782	58.2	[54.5,61.8]	558,970	1.2	[0.6,2.2]
4-year college degree or higher	54.3	[51.3,57.2]	394,736	45.4	[42.5,48.4]	330,366	0.3	[0.1,0.7]
Don't know/No answer	56.8	[24.7,84.0]	7,196	34.9	[12.1,67.8]	4,429	8.3	[1.8,31.1]
HOUSEHOLD INCOME								
Less than \$25,000	35.4	[31.7,39.4]	293,046	64.0	[60.0,67.7]	529,268	0.6	[0.3,1.3]
\$25,000-\$49,999	39.2	[34.7,43.8]	247,848	60.3	[55.6,64.8]	381,548	0.5	[0.2,1.6]
\$50,000-\$74,999	45.9	[40.5,51.4]	166,256	54.1	[48.6,59.5]	196,229	---	---
\$75,000 or more	46.9	[43.5,50.3]	404,522	52.7	[49.3,56.1]	454,923	0.4	[0.1,1.2]
Don't know/No answer	40.1	[35.2,45.1]	236,504	58.3	[53.2,63.2]	344,219	1.7	[0.7,3.6]

**Table 15B: Has received pneumonia vaccination (among age 65 years or older)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	59.4	[56.0,62.7]	478,217	25.6	[22.7,28.8]	206,339	15.0	[12.8,17.5]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	---	---	---	---	---	---	---	---
45-54	---	---	---	---	---	---	---	---
55-64	---	---	---	---	---	---	---	---
65 and over	59.4	[56.0,62.7]	478,217	25.6	[22.7,28.8]	206,339	15.0	[12.8,17.5]
GENDER								
Male	54.3	[49.1,59.3]	193,333	32.3	[27.4,37.6]	115,147	13.4	[10.4,17.1]
Female	63.5	[59.1,67.6]	284,884	20.3	[17.1,23.9]	91,193	16.2	[13.2,19.9]
RACE-ETHNICITY								
White, Non-Hispanic	63.8	[60.2,67.2]	349,115	24.0	[21.0,27.3]	131,558	12.2	[10.0,14.8]
Black, Non-Hispanic	54.1	[45.3,62.6]	103,923	31.9	[24.1,40.8]	61,202	14.1	[9.1,21.1]
Hispanic	65.1	[37.6,85.3]	7,471	16.0	[5.3,39.1]	1,835	18.9	[5.8,47.0]
Other, Non-Hispanic	31.6	[18.8,48.0]	6,249	38.6	[23.4,56.4]	7,632	29.8	[14.8,50.9]
Don't know/No answer	33.5	[21.2,48.6]	11,458	12.0	[5.3,25.1]	4,112	54.4	[39.7,68.4]
EDUCATION								
Did not graduate HS	53.9	[43.2,64.2]	80,099	32.9	[23.6,43.9]	48,976	13.2	[7.6,21.8]
HS diploma/equivalent	58.2	[52.6,63.6]	161,584	25.2	[20.7,30.4]	70,040	16.6	[12.8,21.2]
Some college/2-year college degree	60.9	[54.8,66.7]	128,600	25.5	[20.6,31.1]	53,811	13.6	[9.8,18.5]
4-year college degree or higher	65.5	[60.6,70.2]	105,300	20.5	[16.8,24.7]	32,913	14.0	[10.7,18.0]
Don't know/No answer	36.7	[10.5,74.1]	2,634	8.4	[1.5,34.7]	600	54.9	[22.6,83.6]
HOUSEHOLD INCOME								
Less than \$25,000	64.4	[58.0,70.3]	118,404	27.0	[21.6,33.1]	49,598	8.6	[5.7,12.8]
\$25,000-\$49,999	61.6	[54.3,68.4]	109,493	30.1	[23.9,37.1]	53,515	8.4	[5.3,13.0]
\$50,000-\$74,999	72.6	[64.0,79.7]	58,899	19.7	[13.4,28.0]	16,019	7.7	[4.6,12.7]
\$75,000 or more	63.9	[56.6,70.6]	76,845	28.0	[21.9,35.0]	33,657	8.1	[4.8,13.5]
Don't know/No answer	47.4	[40.7,54.1]	114,576	22.1	[16.3,29.4]	53,552	30.5	[24.8,36.9]

## 16. Falls and Injury among Adults 45 Years or Older

*Analysis of Section 13 ("Falls") of the 2020 BRFSS Questionnaire*

Approximately one-fourth (26.3%) of Louisiana adults who are 45 years or older report that they have fallen in the past month.

Approximately one in ten (9.9%) also report that they had a fall in the previous year that caused an injury – that is, caused them to see a doctor or limit their regular activities for at least one day.

**Table 16A: Had a fall in past year (among adults age 45 or older)**

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	72.1	[69.9,74.2]	1,258,996	26.3	[24.3,28.4]	459,245	1.6	[1.1,2.3]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	71.8	[20.9,96.1]	861	28.2	[3.9,79.1]	338	---	---
45-54	77.5	[73.5,81.1]	375,542	21.2	[17.7,25.2]	102,729	1.3	[0.6,2.7]
55-64	69.8	[65.8,73.6]	381,257	28.6	[24.9,32.6]	156,149	1.6	[0.8,3.3]
65 and over	70.2	[66.8,73.4]	501,336	28.0	[24.9,31.4]	200,029	1.8	[1.1,3.0]
GENDER								
Male	74.3	[71.1,77.2]	606,659	24.0	[21.2,27.1]	195,896	1.7	[1.0,3.0]
Female	70.2	[67.2,73.0]	652,337	28.3	[25.5,31.3]	263,349	1.5	[0.9,2.4]
RACE-ETHNICITY								
White, Non-Hispanic	72.1	[69.6,74.5]	805,883	27.0	[24.6,29.4]	301,385	0.9	[0.6,1.6]
Black, Non-Hispanic	72.5	[67.7,76.9]	350,301	24.9	[20.7,29.7]	120,398	2.6	[1.4,4.7]
Hispanic	78.1	[63.4,88.0]	41,932	18.5	[9.5,32.9]	9,929	3.4	[0.7,14.9]
Other, Non-Hispanic	71.9	[60.2,81.2]	30,604	27.8	[18.5,39.6]	11,851	0.3	[0.0,2.2]
Don't know/No answer	61.7	[46.0,75.3]	30,277	32.0	[19.0,48.5]	15,682	6.3	[2.1,17.4]
EDUCATION								
Did not graduate HS	66.2	[58.7,73.0]	188,585	30.9	[24.3,38.4]	87,996	2.9	[1.4,5.9]
HS diploma/equivalent	74.1	[70.6,77.4]	430,759	24.5	[21.3,28.0]	142,355	1.4	[0.7,2.6]
Some college/2-year college degree	69.1	[64.8,73.0]	331,342	29.2	[25.3,33.4]	139,983	1.8	[0.8,3.6]
4-year college degree or higher	76.7	[73.6,79.6]	300,191	22.6	[19.8,25.7]	88,490	0.7	[0.2,2.1]
Don't know/No answer	88.8	[59.3,97.7]	8,119	4.6	[0.7,25.1]	420	6.6	[0.8,38.8]
HOUSEHOLD INCOME								
Less than \$25,000	61.5	[56.8,65.9]	249,661	35.6	[31.3,40.2]	144,593	2.9	[1.6,5.4]
\$25,000-\$49,999	71.8	[66.2,76.8]	248,973	27.1	[22.2,32.7]	94,037	1.1	[0.4,3.0]
\$50,000-\$74,999	77.4	[71.3,82.5]	147,373	21.1	[16.2,26.9]	40,082	1.5	[0.4,5.3]
\$75,000 or more	81.3	[77.9,84.4]	373,820	18.3	[15.3,21.7]	84,020	0.4	[0.1,1.3]
Don't know/No answer	69.7	[64.3,74.6]	239,168	28.1	[23.3,33.5]	96,513	2.2	[1.2,4.0]

**Table 16B: Injured from a fall in past year (among adults age 45 or older)**

	No			Yes			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	88.2	[86.7,89.6]	1,539,660	9.9	[8.6,11.3]	172,332	1.9	[1.4,2.7]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	100.0	---	1,198	---	---	---	---	---
45-54	90.3	[87.4,92.5]	437,395	8.3	[6.2,10.9]	40,065	1.4	[0.7,2.9]
55-64	86.9	[83.8,89.5]	474,816	11.0	[8.6,13.9]	59,935	2.1	[1.1,3.9]
65 and over	87.7	[85.3,89.8]	626,250	10.1	[8.3,12.3]	72,332	2.1	[1.3,3.4]
GENDER								
Male	91.0	[88.9,92.8]	742,921	6.8	[5.3,8.7]	55,696	2.2	[1.3,3.5]
Female	85.7	[83.5,87.7]	796,738	12.5	[10.7,14.7]	116,636	1.7	[1.1,2.7]
RACE-ETHNICITY								
White, Non-Hispanic	89.0	[87.3,90.5]	994,821	9.7	[8.3,11.3]	108,340	1.3	[0.8,2.0]
Black, Non-Hispanic	88.2	[84.7,91.0]	426,059	9.1	[6.7,12.2]	43,779	2.7	[1.5,4.9]
Hispanic	83.6	[69.6,91.9]	44,902	13.0	[5.8,26.6]	6,958	3.4	[0.7,14.9]
Other, Non-Hispanic	83.1	[71.0,90.8]	35,380	16.6	[9.0,28.7]	7,075	0.3	[0.0,2.2]
Don't know/No answer	79.2	[64.1,89.0]	38,498	12.7	[5.2,28.1]	6,179	8.1	[3.1,19.4]
EDUCATION								
Did not graduate HS	85.8	[80.6,89.8]	243,853	10.2	[6.8,14.9]	28,891	4.1	[2.2,7.2]
HS diploma/equivalent	87.2	[84.2,89.6]	506,639	11.0	[8.7,13.9]	64,063	1.8	[1.0,3.1]
Some college/2-year college degree	87.3	[84.2,89.8]	418,695	11.0	[8.7,13.7]	52,631	1.8	[0.8,3.6]
4-year college degree or higher	92.5	[90.4,94.2]	362,000	6.8	[5.3,8.8]	26,681	0.7	[0.2,2.1]
Don't know/No answer	92.7	[62.3,99.0]	8,474	0.7	[0.1,6.0]	66	6.6	[0.8,38.8]
HOUSEHOLD INCOME								
Less than \$25,000	80.0	[76.1,83.4]	324,745	16.2	[13.2,19.7]	65,865	3.8	[2.3,6.4]
\$25,000-\$49,999	88.0	[84.0,91.1]	305,165	10.6	[7.7,14.4]	36,730	1.4	[0.6,3.5]
\$50,000-\$74,999	90.5	[85.9,93.8]	172,334	7.9	[5.1,12.2]	15,122	1.5	[0.4,5.3]
\$75,000 or more	95.4	[93.4,96.8]	438,257	4.3	[2.9,6.1]	19,582	0.4	[0.1,1.3]
Don't know/No answer	87.3	[83.2,90.5]	299,158	10.2	[7.3,14.2]	35,032	2.5	[1.4,4.4]

## 17. Automotive Safety

*Analysis of Section 14 ("Seat Belt Use and Drinking and Driving") of the 2020 BRFSS Questionnaire*

Around four in five (80.3%) of Louisiana's adults report that they always wear a seatbelt when riding in a car. Although rates of seat belt use are high across all demographic breakdowns observed here, significant differences remain across age, gender, race, and educational attainment. For example, while 77.0% of 18 to 24 year olds report wearing a seatbelt, the share among those 65 or older is 85.9%. A gap also exists between women and men: 83.6% of women report always wearing their seatbelt while the share for men is 76.8%. Among White adults in Louisiana, 81.8% report always wearing their seatbelt, while 76.9% of Black adults say they always wear a seatbelt. The difference between those without a high school diploma and those with a college degree is 13.6 percentage points – 71.6% versus 85.2%, respectively.

The share of Louisiana's adult residents who report that they have driven after having too

much to drink is 4.9%. This is higher than the last two times this question appeared on the BRFSS in 2018 (2.1%) and 2016 (1.7%), and the differences between those years and 2020 are statistically significant. Instead, the extent of self-reported drinking and driving is similar to what iterations of the survey revealed earlier in the decade: 4.3% in 2014 and 5.1% in 2012.

The rate is relatively low among all demographic breakdowns observed here. Generally, the rates are small enough, relative to the margin of error, that meaningful differences across groups cannot be identified statistically. However, there appear to be significant differences across age. While 10.6% of adults less than 25 years of age report having driven after drinking too much, only 1.7% of adults 65 and over report doing so.

**Table 17A: Respondent always wears seat belt**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	80.3	[78.6,81.9]	2,858,659	11.0	[9.7,12.4]	391,782	8.7	[7.6,9.9]
AGE								
18-24	77.0	[70.5,82.5]	331,371	12.5	[8.5,17.9]	53,638	10.5	[6.8,15.7]
25-34	74.0	[68.6,78.7]	475,068	16.3	[12.3,21.1]	104,397	9.8	[6.8,13.8]
35-44	78.2	[73.7,82.1]	465,024	14.2	[10.9,18.4]	84,588	7.6	[5.5,10.4]
45-54	79.1	[75.1,82.7]	428,281	10.1	[7.8,13.1]	54,934	10.7	[8.0,14.3]
55-64	85.5	[82.4,88.2]	500,981	7.4	[5.6,9.9]	43,530	7.0	[5.1,9.6]
65 and over	85.9	[83.5,87.9]	657,934	6.6	[5.2,8.4]	50,694	7.5	[6.0,9.4]
GENDER								
Male	76.8	[74.0,79.3]	1,312,503	14.8	[12.7,17.1]	252,204	8.5	[6.9,10.5]
Female	83.6	[81.5,85.5]	1,546,157	7.5	[6.2,9.2]	139,577	8.9	[7.5,10.5]
RACE-ETHNICITY								
White, Non-Hispanic	81.8	[79.9,83.6]	1,701,342	11.4	[9.9,13.1]	237,825	6.7	[5.7,7.9]
Black, Non-Hispanic	76.9	[73.0,80.4]	820,903	11.1	[8.6,14.2]	118,746	12.0	[9.4,15.2]
Hispanic	81.9	[70.6,89.5]	156,193	9.3	[4.0,20.3]	17,729	8.8	[4.2,17.7]
Other, Non-Hispanic	79.3	[71.4,85.5]	100,162	10.6	[6.5,16.9]	13,427	10.1	[5.7,17.1]
Don't know/No answer	82.8	[74.7,88.7]	80,058	4.2	[1.8,9.3]	4,054	13.0	[8.0,20.5]
EDUCATION								
Did not graduate HS	71.6	[65.2,77.3]	385,299	15.8	[11.4,21.4]	84,855	12.6	[8.7,17.8]
HS diploma/equivalent	79.5	[76.6,82.1]	960,818	11.0	[9.0,13.4]	132,870	9.5	[7.8,11.6]
Some college/2-year college degree	82.9	[79.8,85.6]	845,700	10.6	[8.4,13.3]	107,730	6.5	[5.0,8.6]
4-year college degree or higher	85.2	[82.9,87.2]	658,086	8.4	[6.9,10.2]	64,756	6.4	[5.0,8.2]
Don't know/No answer	45.3	[20.1,73.1]	8,756	8.1	[1.1,40.8]	1,570	46.6	[21.8,73.2]
HOUSEHOLD INCOME								
Less than \$25,000	78.7	[74.7,82.2]	704,100	12.8	[9.9,16.3]	114,336	8.5	[6.3,11.4]
\$25,000-\$49,999	84.5	[80.1,88.0]	558,332	10.9	[7.8,15.0]	72,034	4.6	[2.8,7.5]
\$50,000-\$74,999	82.8	[78.1,86.7]	316,028	12.0	[8.8,16.0]	45,649	5.2	[3.1,8.8]
\$75,000 or more	83.8	[81.0,86.3]	745,773	12.8	[10.6,15.5]	114,323	3.3	[2.3,4.8]
Don't know/No answer	72.9	[68.8,76.6]	534,427	6.2	[4.4,8.6]	45,439	20.9	[17.6,24.7]

**Table 17B: Has driven after drinking too much**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	4.9	[3.7,6.5]	82,681	94.0	[92.3,95.3]	1,593,886	1.2	[0.7,1.8]
AGE								
18-24	10.6	[5.5,19.5]	21,898	89.4	[80.5,94.5]	184,734	---	---
25-34	4.9	[2.4,9.7]	16,709	94.7	[89.9,97.3]	321,633	0.4	[0.1,1.8]
35-44	5.6	[3.1,10.0]	18,726	93.8	[89.5,96.4]	314,246	0.6	[0.2,1.7]
45-54	3.1	[1.8,5.2]	8,459	94.5	[91.2,96.6]	261,913	2.5	[1.1,5.7]
55-64	4.6	[2.6,8.2]	12,411	94.0	[90.4,96.4]	253,047	1.4	[0.6,3.2]
65 and over	1.7	[0.6,4.5]	4,478	96.3	[93.0,98.0]	258,312	2.1	[0.9,4.7]
GENDER								
Male	5.5	[4.0,7.4]	49,462	92.9	[90.8,94.6]	843,230	1.6	[0.9,2.7]
Female	4.2	[2.4,7.2]	33,219	95.1	[92.2,97.0]	750,656	0.6	[0.3,1.4]
RACE-ETHNICITY								
White, Non-Hispanic	4.3	[3.0,6.1]	45,075	94.7	[92.9,96.1]	1,000,837	1.0	[0.6,1.7]
Black, Non-Hispanic	6.1	[3.5,10.6]	26,393	92.2	[87.7,95.2]	396,261	1.6	[0.7,3.8]
Hispanic	7.5	[2.5,20.4]	8,482	92.5	[79.6,97.5]	104,124	---	---
Other, Non-Hispanic	3.9	[1.4,10.8]	2,411	95.4	[88.5,98.2]	58,634	0.7	[0.1,5.0]
Don't know/No answer	0.9	[0.1,6.2]	321	94.2	[84.2,98.0]	34,029	4.9	[1.5,15.2]
EDUCATION								
Did not graduate HS	11.6	[5.5,22.7]	18,542	87.0	[76.1,93.3]	139,413	1.5	[0.5,4.5]
HS diploma/equivalent	3.6	[2.0,6.2]	18,284	95.3	[92.5,97.1]	486,584	1.1	[0.4,2.7]
Some college/2-year college degree	4.8	[2.8,8.2]	25,928	94.1	[90.7,96.4]	507,288	1.0	[0.4,2.6]
4-year college degree or higher	3.8	[2.5,5.8]	18,357	95.2	[93.1,96.7]	453,838	1.0	[0.5,2.0]
Don't know/No answer	16.0	[2.0,63.6]	1,570	69.1	[29.4,92.3]	6,763	14.9	[3.5,45.4]
HOUSEHOLD INCOME								
Less than \$25,000	7.0	[3.5,13.3]	22,584	92.0	[85.8,95.6]	297,643	1.1	[0.4,2.8]
\$25,000-\$49,999	4.5	[2.3,8.9]	14,711	94.6	[90.3,97.1]	306,376	0.9	[0.3,2.5]
\$50,000-\$74,999	4.6	[2.4,8.7]	10,108	93.5	[88.7,96.4]	206,500	1.9	[0.5,6.3]
\$75,000 or more	4.3	[2.9,6.3]	26,004	95.6	[93.6,97.0]	578,844	0.1	[0.0,0.5]
Don't know/No answer	4.2	[1.5,10.8]	9,273	92.0	[86.0,95.6]	204,523	3.8	[2.0,7.0]

## 18. Cancer Screening

*Analysis of Section 15 (“Breast and Cervical Cancer Screening”), Section 16 (“Prostate Cancer Screening”), and Section 17 (“Colorectal Cancer Screening”) of the 2020 BRFSS Questionnaire*

The Behavioral Risk Factors Surveillance System tracks a variety of cancer screenings that are recommended regularly for specific gender and age groups. These include screenings for breast, cervical, prostate, and colorectal cancers. These forms of cancer often have a much higher survival rate when diagnosed early via screening.

### BREAST AND CERVICAL CANCER

Women face unique and important health risks, including breast and cervical cancer. By screening for breast cancer, mammograms are a tool for prevention and for providing early treatment that enhances survival rates. Cervical cancer used to be the leading cause of cancer death for women in the United States. However, over the past 40 years, the number of cases of cervical cancer and the number of deaths from cervical cancer have decreased significantly. This decline is the result of an increasing number of women getting Pap tests, which can identify cervical pre-cancer before it turns into cancer. Cervical cancer is the easiest female-specific cancer to prevent with regular Pap tests and follow-up. It is also highly curable when found and treated early.

In Louisiana, 70.5% of women who are 40 years or older report having a mammogram in the previous three years. There is a gap of 10.4 percentage points between women with a college degree (77.0%) and women with a high school diploma or less education (66.6%). However, this gap has decreased in recent years, mostly as less educated women increasingly receive mammograms. For example, the share of women over forty without a high school diploma who received a mammogram in the previous three years rose from 54.4% in 2018 to 66.4% in 2020. There is also a 11.7 percentage point gap between women in households with the smallest

incomes versus those in households with the largest incomes.

The survey also asks whether women from the ages of 21 to 65 with an intact cervix have had a pap test in the previous three years. Among this population of women in Louisiana, 78.1% have had a pap test in the previous three years. This represents a decline of several percentage points from 2018 (85.1%), when the question last appeared on the BRFSS, which had marked an increase from 2016 (81.5%).

There are significant age and socio-economic discrepancies in the share of women who have had a pap test in the past three years. The rate of cervical screening is more than 80% among women between the ages of 25 and 54, but much less frequent among women between ages 21 and 24 (54.8%).

### PROSTATE CANCER

In order to detect and diagnose prostate cancer, the Center for Disease Control recommends that men ages 40 and older have a prostate-specific antigen (PSA) test. In Louisiana, 30.5% of men 40 years of age or older report having a PSA test in the previous two years. This continues a substantial decrease in the rate of testing since 2016, when it was 41.4%.

As with cancer screening for women, there are important differences in PSA testing between men. For example, only 16.0% of men 40 years or older without high school diploma have had a PSA test in the past two years; the share among college graduates is 43.1%. Similarly, 17.9% of men 40 years or older who live in households with earnings under \$25,000 have screened recently, but 36.2% of men in this age group with

household incomes of \$75,000 or more have had a PSA test in the past two years.

## COLORECTAL HEALTH

Colorectal cancer mainly develops from precancerous polyps in the colon or rectum. Screening tests can find these polyps so that they can be removed before they turn into cancer. Screening tests also allow the cancer to be caught early, when treatment works best. The Center for Disease Control recommends that individuals receive colorectal screening beginning when they are 50 years old. Colorectal screening, using procedures such as sigmoidoscopy or colonoscopy, has increased throughout the

United States in recent decades. Screening includes a variety of different tests, each with their own frequency and age recommendations. The BRFSS data track the share of the population age 50 to 75 who have had at least one of the recommended screening tests within its recommended time interval.

Nearly three-fourths (73.1%) of adults 50 to 75 years old in Louisiana have met colorectal screening guidelines. Among this population, colorectal screening is more common among older individuals: 83.4% among those 65 years or older, 73% among those 55 to 64 years old, and 56.1% among those 50 to 54 years old.

**Table 18A: Had mammogram in previous three years (among women age 40 or older)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	70.5	[67.8,73.1]	810,499	19.4	[17.2,21.7]	222,459	10.1	[8.5,12.1]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	66.8	[58.3,74.3]	107,171	27.4	[20.3,35.8]	43,932	5.9	[3.3,10.2]
45-54	71.8	[65.6,77.2]	185,846	17.0	[12.8,22.1]	43,960	11.3	[7.4,16.7]
55-64	73.4	[68.1,78.0]	224,777	18.0	[13.9,22.8]	55,003	8.7	[6.1,12.2]
65 and over	69.1	[64.9,73.0]	292,705	18.8	[15.7,22.3]	79,565	12.1	[9.5,15.4]
GENDER								
Male	---	---	---	---	---	---	---	---
Female	70.5	[67.8,73.1]	806,401	19.4	[17.1,21.7]	222,459	10.1	[8.5,12.1]
RACE-ETHNICITY								
White, Non-Hispanic	68.3	[65.0,71.4]	494,555	22.6	[19.9,25.6]	163,745	9.1	[7.3,11.2]
Black, Non-Hispanic	75.0	[69.4,79.8]	253,692	12.8	[9.3,17.3]	43,151	12.3	[8.8,16.8]
Hispanic	74.2	[54.8,87.2]	27,425	17.3	[7.1,36.5]	6,387	8.5	[2.5,25.3]
Other, Non-Hispanic	71.1	[56.8,82.1]	17,672	23.5	[13.6,37.6]	5,845	5.4	[1.8,15.4]
Don't know/No answer	67.4	[48.6,81.9]	17,155	13.1	[5.2,29.2]	3,332	19.5	[8.9,37.3]
EDUCATION								
Did not graduate HS	66.4	[56.8,74.7]	108,612	18.7	[12.7,26.8]	30,685	14.9	[9.1,23.3]
HS diploma/equivalent	66.6	[61.9,71.0]	256,013	21.0	[17.4,25.2]	80,804	12.4	[9.5,16.0]
Some college/2-year college degree	72.0	[66.7,76.8]	235,308	21.0	[16.7,26.0]	68,492	7.0	[4.8,10.3]
4-year college degree or higher	77.0	[72.8,80.7]	208,232	15.5	[12.3,19.2]	41,832	7.6	[5.5,10.3]
Don't know/No answer	72.1	[25.7,95.1]	2,334	20.0	[2.9,67.2]	647	7.9	[0.8,47.3]
HOUSEHOLD INCOME								
Less than \$25,000	68.1	[62.7,73.1]	201,378	22.8	[18.5,27.8]	67,507	9.1	[6.2,13.0]
\$25,000-\$49,999	78.5	[72.7,83.4]	174,781	18.2	[13.7,23.8]	40,560	3.3	[1.7,6.1]
\$50,000-\$74,999	64.8	[55.0,73.5]	76,501	27.0	[18.9,36.9]	31,832	8.3	[4.3,15.2]
\$75,000 or more	79.8	[74.9,84.0]	211,397	16.5	[12.7,21.2]	43,631	3.7	[2.2,6.4]
Don't know/No answer	59.0	[52.7,65.0]	146,441	15.7	[11.9,20.3]	38,929	25.3	[20.1,31.3]

**Table 18B: Had a pap test in previous three years (among women age 21 to 65 with intact cervix)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	78.1	[74.5,81.4]	685,550	21.9	[18.6,25.5]	191,733	---	---
AGE								
18-24	54.8	[40.8,68.1]	56,263	45.2	[31.9,59.2]	46,333	---	---
25-34	82.0	[74.7,87.6]	210,671	18.0	[12.4,25.3]	46,171	---	---
35-44	83.4	[75.8,88.9]	176,752	16.6	[11.1,24.2]	35,273	---	---
45-54	81.6	[73.9,87.5]	111,891	18.4	[12.5,26.1]	25,165	---	---
55-64	77.1	[69.5,83.3]	119,484	22.9	[16.7,30.5]	35,436	---	---
65 and over	75.8	[56.2,88.4]	10,488	24.2	[11.6,43.8]	3,356	---	---
GENDER								
Male	---	---	---	---	---	---	---	---
Female	78.1	[74.4,81.4]	685,550	21.9	[18.6,25.6]	191,733	---	---
RACE-ETHNICITY								
White, Non-Hispanic	76.2	[71.5,80.3]	365,102	23.8	[19.7,28.5]	114,250	---	---
Black, Non-Hispanic	82.3	[74.8,87.9]	244,896	17.7	[12.1,25.2]	52,674	---	---
Hispanic	82.1	[62.4,92.7]	36,424	17.9	[7.3,37.6]	7,932	---	---
Other, Non-Hispanic	74.8	[59.4,85.8]	25,832	25.2	[14.2,40.6]	8,688	---	---
Don't know/No answer	61.9	[35.2,82.9]	13,295	38.1	[17.1,64.8]	8,190	---	---
EDUCATION								
Did not graduate HS	70.7	[54.3,83.0]	72,481	29.3	[17.0,45.7]	30,057	---	---
HS diploma/equivalent	75.6	[68.1,81.8]	187,394	24.4	[18.2,31.9]	60,468	---	---
Some college/2-year college degree	75.8	[69.3,81.3]	223,817	24.2	[18.7,30.7]	71,549	---	---
4-year college degree or higher	87.2	[83.0,90.5]	201,683	12.8	[9.5,17.0]	29,660	---	---
Don't know/No answer	100.0	---	174	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	75.8	[68.5,81.9]	207,622	24.2	[18.1,31.5]	66,321	---	---
\$25,000-\$49,999	81.2	[73.8,86.8]	129,814	18.8	[13.2,26.2]	30,146	---	---
\$50,000-\$74,999	84.0	[72.4,91.4]	86,470	16.0	[8.6,27.6]	16,437	---	---
\$75,000 or more	81.0	[73.4,86.8]	180,772	19.0	[13.2,26.6]	42,387	---	---
Don't know/No answer	68.9	[57.5,78.4]	80,872	31.1	[21.6,42.5]	36,442	---	---

<b>Table 18C: Had a PSA test in previous two years (among men age 40 or older)</b>								
	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	30.5	[27.7,33.5]	290,603	61.3	[58.1,64.4]	583,985	8.2	[6.5,10.2]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	3.4	[1.5,7.4]	4,717	93.1	[85.4,96.9]	130,150	3.5	[0.9,12.9]
45-54	17.4	[13.1,22.7]	41,006	74.6	[68.8,79.7]	176,127	8.0	[5.4,11.6]
55-64	37.7	[32.0,43.7]	99,251	53.3	[47.1,59.3]	140,208	9.0	[5.6,14.3]
65 and over	46.5	[41.2,51.9]	145,628	43.9	[38.5,49.5]	137,501	9.6	[7.0,13.1]
GENDER								
Male	30.5	[27.7,33.5]	290,603	61.3	[58.1,64.4]	583,985	8.2	[6.5,10.2]
Female	---	---	---	---	---	---	---	---
RACE-ETHNICITY								
White, Non-Hispanic	34.4	[31.1,37.9]	202,002	58.6	[54.9,62.1]	343,680	7.0	[5.4,9.0]
Black, Non-Hispanic	28.2	[22.2,35.2]	74,351	66.0	[58.6,72.7]	173,768	5.8	[3.0,10.8]
Hispanic	15.0	[6.7,30.2]	5,935	80.3	[63.9,90.4]	31,802	4.7	[1.0,19.8]
Other, Non-Hispanic	16.2	[9.5,26.2]	4,107	72.5	[59.5,82.6]	18,368	11.2	[4.8,24.1]
Don't know/No answer	11.3	[5.4,22.2]	4,208	44.1	[27.3,62.3]	16,367	44.6	[27.2,63.5]
EDUCATION								
Did not graduate HS	16.0	[9.9,24.8]	27,562	71.9	[61.7,80.3]	123,817	12.1	[6.5,21.4]
HS diploma/equivalent	27.0	[22.5,32.1]	83,214	66.1	[60.9,71.0]	203,575	6.8	[4.7,9.8]
Some college/2-year college degree	34.9	[29.1,41.2]	88,808	59.3	[52.9,65.4]	150,874	5.8	[3.6,9.2]
4-year college degree or higher	43.1	[38.2,48.1]	90,847	48.2	[43.1,53.3]	101,630	8.7	[6.2,12.1]
Don't know/No answer	2.5	[0.4,14.5]	172	58.5	[16.2,91.1]	4,089	39.1	[8.4,81.8]
HOUSEHOLD INCOME								
Less than \$25,000	17.9	[13.0,24.0]	33,222	75.8	[69.2,81.4]	140,897	6.3	[3.7,10.7]
\$25,000-\$49,999	29.9	[23.6,37.0]	51,315	63.8	[56.2,70.8]	109,653	6.3	[3.6,11.0]
\$50,000-\$74,999	35.9	[27.8,44.9]	42,968	60.9	[51.8,69.3]	73,006	3.2	[1.7,6.0]
\$75,000 or more	36.2	[31.5,41.2]	109,271	58.3	[53.1,63.2]	175,826	5.5	[3.6,8.5]
Don't know/No answer	31.1	[23.8,39.6]	53,828	48.9	[40.1,57.8]	84,604	20.0	[13.6,28.2]

**Table 18D: Had recommended colorectal screening tests (among age 50 to 75)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	73.1	[70.5,75.5]	871,799	7.4	[6.2,8.9]	88,686	19.5	[17.3,21.9]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	---	---	---	---	---	---	---	---
45-54	56.1	[49.7,62.3]	142,151	5.3	[3.4,8.1]	13,410	38.7	[32.6,45.1]
55-64	73.0	[69.0,76.6]	377,079	9.0	[6.9,11.8]	46,675	18.0	[14.9,21.5]
65 and over	83.4	[79.9,86.5]	352,569	6.8	[4.9,9.2]	28,601	9.8	[7.4,12.9]
GENDER								
Male	69.8	[65.9,73.5]	391,699	6.5	[4.9,8.5]	36,202	23.7	[20.3,27.5]
Female	76.0	[72.5,79.1]	480,100	8.3	[6.5,10.6]	52,484	15.7	[13.1,18.8]
RACE-ETHNICITY								
White, Non-Hispanic	74.0	[71.1,76.7]	570,872	7.7	[6.3,9.5]	59,720	18.2	[15.8,20.9]
Black, Non-Hispanic	73.3	[67.3,78.4]	247,024	6.6	[4.2,10.4]	22,407	20.1	[15.5,25.7]
Hispanic	66.9	[48.6,81.2]	22,589	5.8	[2.1,15.3]	1,973	27.2	[14.1,46.1]
Other, Non-Hispanic	62.2	[47.1,75.3]	15,940	11.2	[3.7,29.4]	2,866	26.6	[15.7,41.2]
Don't know/No answer	61.6	[40.9,78.8]	15,374	6.9	[2.2,19.7]	1,720	31.5	[15.6,53.4]
EDUCATION								
Did not graduate HS	68.8	[59.7,76.6]	123,791	3.6	[1.8,7.2]	6,449	27.6	[20.1,36.6]
HS diploma/equivalent	71.2	[66.7,75.2]	284,498	10.9	[8.2,14.2]	43,388	18.0	[14.7,21.9]
Some college/2-year college degree	72.7	[67.6,77.2]	252,395	5.8	[3.7,8.8]	20,049	21.6	[17.4,26.4]
4-year college degree or higher	79.5	[75.7,82.8]	210,070	7.1	[5.2,9.5]	18,673	13.5	[10.7,16.8]
Don't know/No answer	89.1	[45.8,98.8]	1,045	10.9	[1.2,54.2]	127	---	---
HOUSEHOLD INCOME								
Less than \$25,000	67.6	[61.9,72.9]	187,945	7.0	[4.8,10.0]	19,368	25.4	[20.4,31.1]
\$25,000-\$49,999	67.2	[60.7,73.2]	156,533	11.0	[7.5,15.8]	25,593	21.8	[16.6,28.1]
\$50,000-\$74,999	79.1	[71.0,85.4]	114,247	5.9	[3.2,10.8]	8,587	15.0	[9.4,22.9]
\$75,000 or more	76.1	[72.0,79.9]	255,202	6.3	[4.4,8.8]	20,948	17.6	[14.3,21.5]
Don't know/No answer	78.0	[71.8,83.2]	157,872	7.0	[4.3,11.2]	14,190	15.0	[10.8,20.5]

## 19. HIV / AIDS Screening

*Analysis of Section 18 ("HIV/AIDS") of the 2020 BRFSS Questionnaire*

One of the most effective ways to monitor HIV/AIDS is to receive regular testing. Louisiana's adults, overall, are slightly more likely to have been tested for HIV than adults in the United States as a whole. The share of adults that have ever been tested for HIV in Louisiana is 40.6%.

HIV testing is associated with age, household income, and race. Adults between the ages of 25 and 44 are the most likely to have been tested, with approximately six in ten reporting they have been tested. The smallest shares are among 18-24 year olds (27.3%) and those 65 years or older (21.0%).

Nearly half of adults (47.9) in the bottom 30% of the distribution of household income in Louisiana have been tested for HIV. The likelihood of having been tested declines further up the income ladder: 35.8% of adults with household income in the top 30% of the state (\$75,000 or more) have been tested.

Among white residents of Louisiana, 30.7% have tested for HIV. However, 57.7% of Black residents of the state have tested for HIV.

<b>Table 19: Ever tested for HIV</b>								
	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	40.6	[38.6,42.7]	1,282,055	55.0	[53.0,57.0]	1,735,067	4.3	[3.6,5.2]
AGE								
18-24	27.3	[21.3,34.2]	101,321	71.6	[64.7,77.6]	265,818	1.1	[0.5,2.8]
25-34	55.6	[50.1,61.0]	319,348	39.1	[34.0,44.5]	224,450	5.2	[3.2,8.5]
35-44	60.6	[55.8,65.2]	329,519	35.8	[31.3,40.6]	194,750	3.6	[2.3,5.5]
45-54	46.7	[42.1,51.4]	217,335	49.7	[45.1,54.3]	231,169	3.6	[2.3,5.5]
55-64	33.1	[29.3,37.1]	171,037	63.0	[58.9,67.0]	325,704	3.9	[2.5,6.0]
65 and over	21.0	[17.9,24.5]	143,496	72.2	[68.6,75.5]	493,177	6.8	[5.3,8.7]
GENDER								
Male	37.9	[35.0,41.0]	575,452	57.2	[54.2,60.3]	868,027	4.8	[3.7,6.2]
Female	43.2	[40.5,45.9]	706,603	53.0	[50.2,55.7]	867,040	3.9	[3.0,5.0]
RACE-ETHNICITY								
White, Non-Hispanic	30.7	[28.6,32.9]	576,156	63.5	[61.3,65.7]	1,192,046	5.8	[4.8,6.9]
Black, Non-Hispanic	57.7	[53.3,62.0]	524,298	40.2	[36.1,44.6]	365,736	2.1	[1.1,3.7]
Hispanic	53.4	[41.6,64.9]	92,327	46.0	[34.6,57.9]	79,577	0.5	[0.1,2.6]
Other, Non-Hispanic	46.9	[38.2,55.8]	52,038	48.2	[39.4,57.1]	53,473	4.9	[2.2,10.6]
Don't know/No answer	43.6	[31.7,56.3]	37,236	51.8	[39.3,64.1]	44,235	4.6	[1.9,10.7]
EDUCATION								
Did not graduate HS	43.0	[36.3,50.0]	190,337	52.0	[45.0,58.8]	230,015	5.0	[2.7,9.3]
HS diploma/equivalent	38.5	[35.0,42.1]	407,917	58.0	[54.4,61.5]	615,135	3.5	[2.5,4.9]
Some college/2-year college degree	43.2	[39.5,47.1]	402,842	52.5	[48.7,56.3]	489,714	4.3	[3.1,5.8]
4-year college degree or higher	38.7	[35.7,41.8]	273,495	56.1	[53.1,59.1]	396,515	5.1	[4.0,6.5]
Don't know/No answer	61.2	[28.2,86.4]	7,464	30.2	[9.7,63.7]	3,688	8.6	[1.8,32.3]
HOUSEHOLD INCOME								
Less than \$25,000	47.9	[43.6,52.1]	376,527	48.8	[44.5,53.0]	383,558	3.4	[2.1,5.3]
\$25,000-\$49,999	42.2	[37.5,47.0]	259,002	54.7	[49.8,59.4]	335,545	3.1	[2.0,4.8]
\$50,000-\$74,999	41.4	[35.8,47.1]	147,457	54.7	[49.0,60.3]	195,150	3.9	[2.2,6.7]
\$75,000 or more	35.8	[32.6,39.3]	302,009	58.9	[55.4,62.3]	496,135	5.3	[4.0,6.9]
Don't know/No answer	35.5	[30.5,41.0]	197,060	58.6	[53.2,63.8]	324,679	5.9	[4.0,8.6]

## 20. Hepatitis

### *Analysis of Optional Module 4 (“Hepatitis Treatment”) of the 2020 BRFSS Questionnaire*

The 2020 Louisiana BRFSS included a module asking respondents about their history with diagnosis and treatment of Hepatitis C and Hepatitis B.

Approximately two percent (1.8%) of Louisiana adults have been diagnosed with Hepatitis C. Demographic differences are relatively small, but incidence of Hepatitis C is highest among Hispanic residents of Louisiana (6.1%), those without a high school diploma (4.5%), and those in the bottom 30% of household income (3.9%).

Among those diagnosed with Hepatitis C (a sample too small to permit meaningful demographic breakdowns), 28.3% still have Hepatitis C now.

Among those ever diagnosed, 38.2% received treatment prior to 2015 and 54.0% received treatment since 2015.

One percent of Louisiana adults have been diagnosed with Hepatitis B. Again, demographic differences are relatively small, but incidence of Hepatitis B is highest among Hispanic residents of Louisiana (3.1%) and those without a high school diploma (3.8%).

Among those diagnosed with Hepatitis B (also a sample too small to permit meaningful demographic breakdowns), 16.2% are currently receiving medical treatment.

<b>Table 20A: Ever diagnosed with hepatitis C</b>								
	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	1.8	[1.3,2.5]	54,706	97.7	[97.0,98.3]	2,921,707	0.5	[0.3,0.8]
AGE								
18-24	0.2	[0.0,1.5]	690	99.8	[98.5,100.0]	321,991	---	---
25-34	0.6	[0.1,2.7]	2,968	99.1	[97.3,99.7]	527,617	0.3	[0.1,1.4]
35-44	1.8	[0.6,5.2]	9,346	97.8	[94.4,99.1]	507,952	0.4	[0.1,3.0]
45-54	1.5	[0.7,3.1]	6,758	98.0	[96.2,98.9]	440,907	0.5	[0.1,1.8]
55-64	4.1	[2.7,6.2]	20,815	95.3	[93.2,96.8]	479,014	0.6	[0.2,1.5]
65 and over	2.1	[1.2,3.8]	14,130	97.2	[95.5,98.3]	644,225	0.7	[0.3,1.4]
GENDER								
Male	1.9	[1.3,2.8]	27,336	97.7	[96.8,98.4]	1,383,932	0.4	[0.2,0.8]
Female	1.7	[1.1,2.8]	27,370	97.7	[96.6,98.5]	1,537,774	0.5	[0.3,1.1]
RACE-ETHNICITY								
White, Non-Hispanic	1.6	[1.1,2.3]	28,206	98.0	[97.2,98.5]	1,754,688	0.4	[0.3,0.8]
Black, Non-Hispanic	1.7	[1.0,3.0]	15,008	98.3	[97.0,99.0]	860,063	---	---
Hispanic	6.1	[2.0,17.4]	8,724	91.2	[80.4,96.3]	130,242	2.7	[0.7,9.7]
Other, Non-Hispanic	1.7	[0.7,4.3]	1,723	98.3	[95.7,99.3]	100,338	---	---
Don't know/No answer	1.3	[0.3,5.7]	1,045	96.2	[90.5,98.6]	76,374	2.5	[0.7,8.1]
EDUCATION								
Did not graduate HS	4.5	[2.4,8.5]	19,189	95.3	[91.4,97.5]	406,039	0.2	[0.0,1.2]
HS diploma/equivalent	1.9	[1.2,3.0]	19,311	97.8	[96.7,98.6]	984,610	0.2	[0.1,0.8]
Some college/2-year college degree	1.3	[0.7,2.4]	11,424	98.2	[96.9,99.0]	871,415	0.5	[0.2,1.5]
4-year college degree or higher	0.7	[0.3,1.5]	4,783	98.5	[97.4,99.1]	650,697	0.8	[0.4,1.7]
Don't know/No answer	---	---	---	90.3	[62.8,98.1]	8,946	9.7	[1.9,37.2]
HOUSEHOLD INCOME								
Less than \$25,000	3.9	[2.4,6.1]	29,015	95.8	[93.6,97.3]	715,966	0.3	[0.1,0.9]
\$25,000-\$49,999	0.9	[0.4,1.8]	5,034	98.7	[97.2,99.4]	567,583	0.4	[0.1,2.6]
\$50,000-\$74,999	1.2	[0.4,3.9]	4,060	98.6	[96.1,99.5]	334,936	0.2	[0.0,0.7]
\$75,000 or more	0.7	[0.3,1.6]	5,762	98.7	[97.8,99.3]	789,238	0.6	[0.2,1.3]
Don't know/No answer	2.0	[1.1,3.9]	10,834	97.2	[95.2,98.3]	513,983	0.8	[0.3,1.8]

**Table 20B: Currently diagnosed with hepatitis C (among those ever diagnosed)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	28.3	[14.6,47.6]	15,263	63.2	[45.4,78.1]	34,134	8.5	[3.1,21.1]
AGE								
18-24	100.0	---	---	---	---	---	---	---
25-34	22.2	[1.6,83.1]	659	77.8	[16.9,98.4]	2,309	---	---
35-44	72.9	[28.0,94.9]	6,809	27.1	[5.1,72.0]	2,537	---	---
45-54	27.3	[7.4,63.8]	1,842	47.8	[16.8,80.6]	3,229	25.0	[5.7,64.8]
55-64	26.2	[10.4,52.1]	5,262	71.3	[46.2,87.8]	14,317	2.5	[0.3,17.0]
65 and over	0.0	---	---	83.1	[47.5,96.4]	11,742	16.9	[3.6,52.5]
GENDER								
Male	12.9	[4.1,34.2]	3,438	72.3	[50.5,86.9]	19,236	14.8	[5.0,36.7]
Female	43.2	[20.5,69.1]	11,825	54.4	[29.4,77.4]	14,897	2.4	[0.3,15.2]
RACE-ETHNICITY								
White, Non-Hispanic	24.6	[10.4,47.7]	6,930	65.6	[44.6,82.0]	18,517	9.8	[3.5,24.3]
Black, Non-Hispanic	10.1	[1.4,48.0]	1,522	77.7	[42.1,94.3]	11,660	12.2	[1.7,53.1]
Hispanic	67.7	[17.6,95.4]	5,908	32.3	[4.6,82.4]	2,816	---	---
Other, Non-Hispanic	52.4	[14.2,88.0]	903	47.6	[12.0,85.8]	820	---	---
Don't know/No answer	---	---	---	100.0	---	---	---	---
EDUCATION								
Did not graduate HS	57.3	[27.0,83.0]	10,997	34.5	[12.6,65.7]	6,616	8.2	[1.7,32.2]
HS diploma/equivalent	13.8	[5.2,32.0]	2,570	75.6	[50.6,90.4]	14,048	10.6	[1.7,44.9]
Some college/2-year college degree	4.9	[0.6,30.0]	558	86.2	[61.9,96.0]	9,851	8.9	[2.1,31.0]
4-year college degree or higher	23.8	[3.4,73.2]	1,138	75.7	[27.0,96.3]	3,619	0.5	[0.1,4.5]
Don't know/No answer	---	---	---	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	43.2	[21.3,68.2]	12,531	54.7	[30.5,76.8]	15,862	2.1	[0.3,14.8]
\$25,000-\$49,999	24.0	[5.1,65.2]	1,036	69.4	[31.4,91.8]	2,990	6.6	[1.3,27.1]
\$50,000-\$74,999	---	---	---	54.4	[8.8,93.6]	2,208	45.6	[6.4,91.2]
\$75,000 or more	29.4	[6.6,71.0]	1,696	70.6	[29.0,93.4]	4,067	---	---
Don't know/No answer	---	---	---	83.1	[51.4,95.8]	9,007	16.9	[4.2,48.6]

**Table 20C: Treated for hepatitis C prior to 2015**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	38.2	[24.4,54.3]	20,620	61.2	[45.2,75.1]	33,048	0.6	[0.1,4.3]
AGE								
18-24	100.0	---	690	---	---	---	---	---
25-34	---	---	---	100.0	---	2,968	---	---
35-44	---	---	---	100.0	---	9,346	---	---
45-54	13.7	[1.8,58.0]	924	86.3	[42.0,98.2]	5,834	---	---
55-64	44.6	[25.0,66.0]	8,964	53.8	[32.6,73.7]	10,812	1.6	[0.2,11.1]
65 and over	71.1	[44.6,88.2]	10,042	28.9	[11.8,55.4]	4,088	---	---
GENDER								
Male	52.3	[32.9,71.1]	13,931	47.7	[28.9,67.1]	12,681	---	---
Female	24.4	[10.1,48.3]	6,689	74.4	[50.7,89.1]	20,367	1.1	[0.1,8.5]
RACE-ETHNICITY								
White, Non-Hispanic	35.1	[20.3,53.5]	9,899	63.8	[45.4,78.9]	17,993	1.1	[0.1,8.0]
Black, Non-Hispanic	51.3	[24.6,77.4]	7,705	48.7	[22.6,75.4]	7,303	---	---
Hispanic	26.6	[3.0,81.0]	2,318	73.4	[19.0,97.0]	6,406	---	---
Other, Non-Hispanic	21.9	[2.8,73.4]	377	78.1	[26.6,97.2]	1,346	---	---
Don't know/No answer	100.0	---	---	---	---	---	---	---
EDUCATION								
Did not graduate HS	16.6	[4.9,43.5]	3,193	83.4	[56.5,95.1]	15,996	---	---
HS diploma/equivalent	57.1	[34.5,77.0]	10,608	42.9	[23.0,65.5]	7,979	---	---
Some college/2-year college degree	46.5	[18.6,76.8]	5,313	50.7	[21.7,79.3]	5,797	2.7	[0.3,19.1]
4-year college degree or higher	31.5	[7.8,71.5]	1,506	68.5	[28.5,92.2]	3,277	---	---
Don't know/No answer	---	---	---	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	22.3	[10.0,42.7]	6,474	77.7	[57.3,90.0]	22,542	---	---
\$25,000-\$49,999	74.0	[37.1,93.2]	3,190	26.0	[6.8,62.9]	1,120	---	---
\$50,000-\$74,999	45.6	[6.4,91.2]	1,852	46.6	[6.9,91.1]	1,894	7.7	[0.7,48.3]
\$75,000 or more	46.4	[14.7,81.3]	2,673	53.6	[18.7,85.3]	3,089	---	---
Don't know/No answer	59.4	[28.4,84.3]	6,431	40.6	[15.7,71.6]	4,403	---	---

**Table 20D: Treated for hepatitis C after 2015**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	54.0	[37.6,69.6]	29,167	43.5	[28.1,60.4]	23,501	2.4	[0.5,10.7]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	77.8	[16.9,98.4]	2,309	22.2	[1.6,83.1]	659	---	---
35-44	12.5	[2.1,49.1]	1,168	87.5	[50.9,97.9]	8,178	---	---
45-54	57.0	[22.9,85.5]	3,851	29.3	[7.9,66.7]	1,983	13.7	[1.8,58.0]
55-64	65.9	[43.8,82.7]	13,233	34.1	[17.3,56.2]	6,858	---	---
65 and over	56.0	[26.9,81.5]	7,916	41.2	[16.5,71.4]	5,823	2.8	[0.3,18.9]
GENDER								
Male	66.2	[46.0,81.8]	17,621	32.3	[17.0,52.7]	8,601	1.5	[0.2,10.4]
Female	42.2	[21.5,66.0]	11,546	54.4	[30.7,76.3]	14,900	3.4	[0.4,21.8]
RACE-ETHNICITY								
White, Non-Hispanic	49.6	[30.9,68.4]	13,991	45.7	[27.5,65.2]	12,901	4.7	[1.0,19.3]
Black, Non-Hispanic	80.7	[45.7,95.4]	12,117	19.3	[4.6,54.3]	2,890	---	---
Hispanic	25.7	[3.7,75.7]	2,241	74.3	[24.3,96.3]	6,483	---	---
Other, Non-Hispanic	47.4	[11.5,86.2]	817	52.6	[13.8,88.5]	906	---	---
Don't know/No answer	---	---	---	---	---	---	---	---
EDUCATION								
Did not graduate HS	49.9	[20.6,79.2]	9,569	43.3	[15.5,76.1]	8,305	6.9	[1.3,28.5]
HS diploma/equivalent	47.8	[26.5,69.9]	8,884	52.2	[30.1,73.5]	9,703	---	---
Some college/2-year college degree	68.5	[32.2,90.9]	7,826	31.5	[9.1,67.8]	3,598	---	---
4-year college degree or higher	60.4	[23.1,88.5]	2,887	39.6	[11.5,76.9]	1,896	---	---
Don't know/No answer	---	---	---	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	55.7	[31.3,77.5]	16,151	41.2	[19.7,66.6]	11,941	3.2	[0.4,20.7]
\$25,000-\$49,999	72.8	[38.8,91.9]	3,139	27.2	[8.1,61.2]	1,171	---	---
\$50,000-\$74,999	40.5	[5.1,89.7]	1,646	59.5	[10.3,94.9]	2,414	---	---
\$75,000 or more	33.9	[10.2,69.7]	1,952	66.1	[30.3,89.8]	3,811	---	---
Don't know/No answer	58.0	[25.0,85.1]	6,279	38.4	[12.5,73.3]	4,164	3.6	[0.4,24.0]

<b>Table 20E: Diagnosed with hepatitis B</b>								
	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	1.0	[0.6,1.9]	31,044	98.3	[97.4,98.8]	2,930,089	0.7	[0.5,1.1]
AGE								
18-24	---	---	---	100.0	---	---	---	---
25-34	---	---	---	99.5	[98.4,99.8]	529,740	0.5	[0.2,1.6]
35-44	1.1	[0.3,4.7]	5,918	98.2	[95.0,99.3]	506,550	0.7	[0.2,2.6]
45-54	1.3	[0.5,3.4]	5,713	97.6	[95.2,98.8]	437,537	1.1	[0.4,3.0]
55-64	1.2	[0.5,2.7]	6,127	98.2	[96.6,99.0]	491,325	0.6	[0.2,1.5]
65 and over	2.0	[0.7,5.8]	13,285	97.0	[93.8,98.6]	642,257	---	---
GENDER								
Male	1.1	[0.4,2.8]	15,971	98.1	[96.5,98.9]	1,382,402	0.8	[0.4,1.4]
Female	1.0	[0.5,1.9]	15,072	98.4	[97.4,99.0]	1,547,687	0.6	[0.3,1.2]
RACE-ETHNICITY								
White, Non-Hispanic	0.7	[0.4,1.1]	11,809	98.6	[98.1,99.0]	1,761,541	0.7	[0.5,1.2]
Black, Non-Hispanic	1.5	[0.5,4.7]	13,395	98.3	[95.3,99.4]	857,678	0.1	[0.0,0.5]
Hispanic	3.1	[0.5,17.0]	4,483	94.2	[83.1,98.1]	134,484	2.7	[0.7,9.7]
Other, Non-Hispanic	1.3	[0.3,6.0]	1,356	98.7	[94.0,99.7]	100,706	---	---
Don't know/No answer	---	---	---	96.2	[85.9,99.1]	75,681	3.8	[0.9,14.1]
EDUCATION								
Did not graduate HS	3.8	[1.4,10.2]	16,160	95.6	[89.4,98.2]	407,065	0.6	[0.1,2.9]
HS diploma/equivalent	0.8	[0.3,1.7]	7,677	99.0	[98.1,99.5]	994,228	0.2	[0.1,0.7]
Some college/2-year college degree	0.5	[0.3,1.0]	4,524	98.5	[97.4,99.1]	869,843	1.0	[0.5,2.0]
4-year college degree or higher	0.4	[0.2,1.0]	2,683	98.6	[97.7,99.2]	650,006	1.0	[0.5,1.9]
Don't know/No answer	---	---	---	90.3	[62.8,98.1]	8,946	9.7	[1.9,37.2]
HOUSEHOLD INCOME								
Less than \$25,000	1.5	[0.7,3.4]	11,228	97.7	[95.7,98.7]	728,571	0.8	[0.4,1.9]
\$25,000-\$49,999	0.4	[0.2,0.8]	2,037	99.1	[97.7,99.6]	566,392	0.6	[0.1,2.3]
\$50,000-\$74,999	0.3	[0.1,0.9]	989	98.8	[97.4,99.5]	333,884	0.9	[0.3,2.3]
\$75,000 or more	0.4	[0.2,1.1]	3,250	98.8	[97.9,99.3]	789,652	0.8	[0.4,1.6]
Don't know/No answer	2.6	[0.8,7.6]	13,540	96.9	[92.3,98.8]	511,589	0.5	[0.2,1.3]

<b>Table 20F: Currently taking medicine for hepatitis B</b>								
	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	16.2	[2.9,55.2]	5,016	83.8	[44.8,97.1]	26,027	---	---
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	---	---	---	---	---	---	---	---
35-44	70.4	[15.9,96.8]	4,165	29.6	[3.2,84.1]	1,753	---	---
45-54	2.9	[0.3,23.0]	164	97.1	[77.0,99.7]	5,549	---	---
55-64	---	---	---	100.0	---	6,127	---	---
65 and over	5.2	[0.5,37.2]	687	94.8	[62.8,99.5]	12,598	---	---
GENDER								
Male	4.3	[0.5,30.9]	687	95.7	[69.1,99.5]	15,284	---	---
Female	28.7	[4.7,76.6]	4,329	71.3	[23.4,95.3]	10,743	---	---
RACE-ETHNICITY								
White, Non-Hispanic	1.4	[0.2,10.4]	164	98.6	[89.6,99.8]	11,645	---	---
Black, Non-Hispanic	5.1	[0.5,37.7]	687	94.9	[62.3,99.5]	12,708	---	---
Hispanic	92.9	[41.7,99.6]	4,165	7.1	[0.4,58.3]	318	---	---
Other, Non-Hispanic	---	---	---	100.0	---	---	---	---
Don't know/No answer	---	---	---	---	---	---	---	---
EDUCATION								
Did not graduate HS	25.8	[3.0,79.8]	4,165	74.2	[20.2,97.0]	11,994	---	---
HS diploma/equivalent	---	---	---	100.0	---	7,677	---	---
Some college/2-year college degree	15.2	[2.0,61.6]	687	84.8	[38.4,98.0]	3,837	---	---
4-year college degree or higher	6.1	[0.7,38.7]	164	93.9	[61.3,99.3]	2,519	---	---
Don't know/No answer	---	---	---	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	44.7	[11.0,84.1]	5,016	55.3	[15.9,89.0]	6,212	---	---
\$25,000-\$49,999	---	---	---	100.0	---	2,037	---	---
\$50,000-\$74,999	---	---	---	100.0	---	989	---	---
\$75,000 or more	---	---	---	100.0	---	3,250	---	---
Don't know/No answer	---	---	---	100.0	---	13,540	---	---

## 21. Cancer Survivorship

*Analysis of Optional Module 11 ("Cancer Survivorship: Type of Cancer"), Optional Module 12 ("Cancer Survivorship: Course of Treatment"), and Optional Module 13 ("Cancer Survivorship: Pain Management") of the 2020 BRFSS Questionnaire*

The 2020 Louisiana BRFSS included three modules asking respondents who indicated they have had cancer a series of follow-up questions about their experiences with cancer.

Among those Louisiana residents who have been diagnosed with cancer at some point during their lives, most have had only one form of cancer (80.0%). Nearly one in five

(18.2%) have had two or more types of cancer.

The average age of first cancer diagnosis is 51.2 years.

Among those who have a cancer diagnosis, 12.6% currently experience pain from cancer or the associated treatment. Two-thirds (67.3%) say their pain is under control, while 24.6% say their pain is not under control.

**Table 21A: Number of types of cancer (among those ever diagnosed with cancer)**

	Only one type of cancer			Two or more types of cancer			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	80.0	[75.3,84.0]	262,889	18.2	[14.4,22.6]	59,767	1.8	[0.6,5.2]
<b>AGE</b>								
18-24	100.0	---	1,094	---	---	---	---	---
25-34	100.0	---	18,567	---	---	---	---	---
35-44	82.7	[46.1,96.4]	24,313	17.3	[3.6,53.9]	5,084	---	---
45-54	84.2	[70.7,92.2]	28,912	15.8	[7.8,29.3]	5,428	---	---
55-64	79.6	[68.1,87.7]	57,073	14.2	[8.7,22.4]	10,178	6.2	[1.5,21.9]
65 and over	76.6	[70.8,81.5]	132,931	22.5	[17.6,28.3]	39,077	0.9	[0.4,2.2]
<b>GENDER</b>								
Male	78.9	[72.2,84.3]	124,674	18.3	[13.7,24.1]	28,959	2.8	[0.7,10.4]
Female	81.0	[73.9,86.5]	138,215	18.1	[12.6,25.1]	30,809	1.0	[0.2,3.7]
<b>RACE-ETHNICITY</b>								
White, Non-Hispanic	80.7	[76.2,84.5]	203,511	18.6	[14.8,23.0]	46,841	0.8	[0.3,1.7]
Black, Non-Hispanic	90.2	[78.8,95.8]	42,146	7.6	[3.0,17.9]	3,554	2.2	[0.3,14.4]
Hispanic	63.8	[17.5,93.6]	7,335	36.2	[6.4,82.5]	4,165	---	---
Other, Non-Hispanic	84.1	[61.5,94.6]	7,709	15.9	[5.4,38.5]	1,462	---	---
Don't know/No answer	24.4	[7.2,57.2]	2,187	41.8	[12.8,77.8]	3,745	33.8	[5.9,80.7]
<b>EDUCATION</b>								
Did not graduate HS	73.3	[51.2,87.8]	35,530	20.4	[8.3,42.1]	9,894	6.3	[0.9,33.1]
HS diploma/equivalent	86.6	[80.4,91.1]	83,867	11.9	[7.9,17.7]	11,545	1.4	[0.3,6.6]
Some college/2-year college degree	78.8	[70.3,85.4]	82,890	20.4	[13.9,28.9]	21,458	0.8	[0.2,3.0]
4-year college degree or higher	77.8	[70.7,83.6]	60,474	21.2	[15.5,28.3]	16,462	1.0	[0.3,2.9]
Don't know/No answer	23.7	[1.9,83.4]	127	76.3	[16.6,98.1]	409	---	---
<b>HOUSEHOLD INCOME</b>								
Less than \$25,000	75.2	[61.6,85.1]	53,120	22.2	[12.7,36.0]	15,709	2.6	[0.7,8.9]
\$25,000-\$49,999	78.5	[68.0,86.3]	47,059	21.3	[13.5,31.9]	12,759	0.2	[0.0,1.1]
\$50,000-\$74,999	83.8	[72.7,91.0]	33,962	16.2	[9.0,27.3]	6,559	---	---
\$75,000 or more	84.4	[77.1,89.7]	75,370	14.8	[9.6,22.1]	13,209	0.8	[0.2,3.0]
Don't know/No answer	78.2	[65.5,87.1]	53,379	16.9	[10.0,27.0]	11,531	5.0	[0.9,23.7]

<b>Table 21B: Age diagnosed with cancer</b>		
	Years	
	Mean	95% CI
Total	51.8	[49.6, 54.0]
AGE		
18-24	8.0	---
25-34	22.7	[16.4, 28.9]
35-44	30.1	[25.7, 34.5]
45-54	41.1	[35.7, 46.6]
55-64	51.3	[49.7, 53]
65 and over	61.9	[60, 63.7]
GENDER		
Male	54.3	[51.1, 57.5]
Female	49.5	[46.6, 52.5]
RACE-ETHNICITY		
White, Non-Hispanic	52.7	[50.3, 55.2]
Black, Non-Hispanic	51.5	[45.4, 57.6]
Hispanic	40.1	[31.1, 49.1]
Other, Non-Hispanic	49.5	[39.6, 59.4]
Don't know/No answer	44.3	[28.5, 60.1]
EDUCATION		
Did not graduate HS	48.8	[40.5, 57.2]
HS diploma/equivalent	52.0	[48.5, 55.4]
Some college/2-year college degree	51.2	[46.8, 55.6]
4-year college degree or higher	54.2	[51.9, 56.4]
Don't know/No answer	52.7	[42.7, 62.8]
HOUSEHOLD INCOME		
Less than \$25,000	51.6	[46.4, 56.8]
\$25,000-\$49,999	50.0	[44.9, 55.1]
\$50,000-\$74,999	50.8	[44.4, 57.3]
\$75,000 or more	49.2	[45.7, 52.7]
Don't know/No answer	58.8	[54.5, 63.2]

**Table 21C: Currently have pain from cancer or cancer treatment (among those diagnosed with cancer)**

	Yes			No			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	12.6	[9.1,17.3]	41,105	85.6	[80.9,89.4]	279,399	1.8	[0.8,4.0]
AGE								
18-24	---	---	---	100.0	---	---	---	---
25-34	12.7	[2.8,42.6]	2,351	87.3	[57.4,97.2]	16,216	---	---
35-44	29.4	[10.6,59.4]	8,650	70.6	[40.6,89.4]	20,747	---	---
45-54	26.1	[13.5,44.4]	8,964	73.0	[54.8,85.7]	25,060	0.9	[0.1,6.4]
55-64	15.5	[9.6,24.2]	11,128	81.4	[71.8,88.3]	58,382	3.1	[0.7,13.1]
65 and over	5.8	[3.5,9.7]	10,013	92.2	[88.0,95.1]	157,900	1.9	[0.7,5.0]
GENDER								
Male	7.1	[4.3,11.7]	11,118	91.9	[87.2,95.0]	143,024	0.9	[0.2,3.6]
Female	17.6	[11.8,25.4]	29,988	79.9	[72.0,86.0]	136,375	2.5	[0.9,6.6]
RACE-ETHNICITY								
White, Non-Hispanic	9.7	[6.6,13.9]	24,320	88.8	[84.3,92.1]	223,766	1.5	[0.5,4.4]
Black, Non-Hispanic	25.2	[14.1,40.7]	11,242	71.8	[56.4,83.4]	32,098	3.0	[0.7,12.2]
Hispanic	36.2	[6.4,82.5]	4,165	63.8	[17.5,93.6]	7,335	---	---
Other, Non-Hispanic	6.5	[1.3,27.4]	594	87.4	[63.4,96.5]	8,019	6.1	[0.8,33.3]
Don't know/No answer	8.7	[1.8,33.8]	784	91.3	[66.2,98.2]	8,182	---	---
EDUCATION								
Did not graduate HS	18.6	[6.7,42.2]	9,024	79.5	[56.8,92.0]	38,541	1.8	[0.3,12.2]
HS diploma/equivalent	11.7	[6.6,19.9]	11,122	86.0	[77.3,91.8]	81,531	2.2	[0.5,10.1]
Some college/2-year college degree	12.1	[7.1,20.1]	12,713	85.6	[77.4,91.1]	89,684	2.3	[0.7,7.1]
4-year college degree or higher	10.6	[6.4,17.0]	8,247	88.9	[82.5,93.2]	69,107	0.5	[0.1,2.0]
Don't know/No answer	---	---	---	---	---	---	---	---
HOUSEHOLD INCOME								
Less than \$25,000	21.8	[11.7,36.8]	15,387	74.1	[59.7,84.7]	52,398	4.1	[1.4,11.6]
\$25,000-\$49,999	7.3	[3.2,15.7]	4,378	92.7	[84.3,96.8]	55,535	---	---
\$50,000-\$74,999	11.5	[4.9,24.9]	4,665	84.4	[69.1,92.9]	34,215	4.0	[0.6,23.5]
\$75,000 or more	7.5	[3.8,14.5]	6,720	91.8	[84.9,95.8]	81,975	0.6	[0.1,4.3]
Don't know/No answer	15.1	[8.1,26.5]	9,955	83.9	[72.6,91.1]	55,276	1.0	[0.3,3.5]

**Table 21D: Pain from cancer or cancer treatment under control (among those currently diagnosed with cancer)**

	Pain is under control			Pain is not under control			DK/Ref	
	%	95% CI	Est. Pop.	%	95% CI	Est. Pop.	%	95% CI
Total	67.3	[46.9,82.7]	27,644	24.6	[10.7,46.8]	10,097	8.2	[2.6,22.6]
AGE								
18-24	---	---	---	---	---	---	---	---
25-34	67.5	[10.7,97.3]	1,586	32.5	[2.7,89.3]	765	---	---
35-44	51.8	[9.0,92.1]	4,484	48.2	[7.9,91.0]	4,165	---	---
45-54	61.4	[26.7,87.4]	5,502	15.2	[3.3,48.5]	1,366	23.4	[4.9,64.3]
55-64	68.4	[41.1,87.1]	7,614	23.7	[8.3,51.6]	2,632	7.9	[1.1,40.9]
65 and over	84.5	[64.1,94.3]	8,458	11.7	[3.5,32.4]	1,169	3.8	[0.9,15.6]
GENDER								
Male	73.7	[47.6,89.6]	8,193	13.3	[4.1,35.7]	1,478	13.0	[3.0,41.8]
Female	64.9	[39.4,84.0]	19,451	28.7	[11.2,56.3]	8,619	6.4	[1.2,27.3]
RACE-ETHNICITY								
White, Non-Hispanic	75.5	[57.9,87.3]	18,359	17.0	[7.8,33.1]	4,129	7.5	[2.2,22.4]
Black, Non-Hispanic	74.5	[38.5,93.2]	8,376	11.9	[1.9,47.7]	1,334	13.6	[1.9,56.9]
Hispanic	---	---	---	100.0	---	4,165	---	---
Other, Non-Hispanic	100.0	---	594	---	---	---	---	---
Don't know/No answer	40.2	[3.7,92.1]	315	59.8	[7.9,96.3]	468	---	---
EDUCATION								
Did not graduate HS	44.1	[8.4,87.1]	3,977	46.2	[7.8,89.7]	4,165	9.8	[1.0,53.3]
HS diploma/equivalent	64.6	[34.3,86.4]	7,186	21.6	[7.6,48.0]	2,404	13.8	[1.9,56.9]
Some college/2-year college degree	88.0	[63.8,96.8]	11,193	6.0	[0.8,34.2]	760	6.0	[1.2,25.7]
4-year college degree or higher	64.1	[35.5,85.3]	5,289	33.6	[13.0,63.1]	2,768	2.3	[0.3,16.0]
Don't know/No answer								
HOUSEHOLD INCOME								
Less than \$25,000	52.8	[20.6,82.8]	8,124	41.5	[13.0,77.0]	6,382	5.7	[0.7,34.3]
\$25,000-\$49,999	73.2	[23.1,96.1]	3,205	26.8	[3.9,76.9]	1,173	---	---
\$50,000-\$74,999	77.4	[36.1,95.4]	3,609	22.6	[4.6,63.9]	1,056	---	---
\$75,000 or more	85.5	[52.5,96.9]	5,744	14.5	[3.1,47.5]	976	---	---
Don't know/No answer	69.9	[35.9,90.6]	6,963	5.1	[0.6,31.3]	511	24.9	[6.6,61.1]

# About the BRFSS

The Behavioral Risk Factor Surveillance System (BRFSS) is a state-based system of health surveys that collects information on health risk behaviors, preventive health practices, and health care access primarily related to chronic disease and injury. For many states, the BRFSS is the only available source of timely and accurate data on health-related behaviors.

BRFSS was established in 1984 by the U.S. Centers for Disease Control and Prevention (CDC); currently, data is collected monthly in all 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands and Guam. More than 350,000 adults are interviewed each year, making the BRFSS the largest telephone health survey in the world. States use BRFSS data to identify emerging health problems, establish and track health objectives, develop and evaluate public health policies and programs. Many states also use BRFSS data to support health-related legislative efforts.

# Methodology

In this report, we present the findings from the 2020 BRFSS survey for the state of Louisiana. The findings are based on 4,760 weighted participants who were interviewed on either landline or cellular telephones. As has been widely noted, the cell-phone-only population has grown remarkably over the last several years. In 2020, the best available estimates placed the cell-only population at over 30% and rapidly growing. Importantly, the cell-only population is also comprised of many hard to reach demographic groups – younger residents, minority residents, and those living in households with unrelated adults. Incorporating cell phones into the BRFSS methodology assures that the cell only population is part of the sampling frame and minimizes the potential for coverage bias. The combined response rate for the 2020 BRFSS in Louisiana is 37.0%.

Weighting is a statistical tool that adjusts the sample to reflect probabilities of selection and participation as well as to ensure the demographic makeup of the sample reflects known distributions among the population. The BRFSS uses an iterative “raking” procedure to reduce nonresponse error.

In this report, demographic analyses are based on participant responses and imputed values for age, gender, race, ethnicity, and education in cases when participants failed to provide a response. The CDC conducted the imputation procedure. Missing values for household income, however, are retained because the CDC did not impute values for this demographic variable.

The content of the 2020 BRFSS questionnaire was the result of extensive collaborations between experts from federal, state and independent organizations. It consists of four major components: core questions, rotating core questions, optional questions and state-added questions. Core, rotating core and optional questions are standardized and are comparable across states. These questions can also be merged to provide national estimates. Core questions form the basis of the BRFSS and are generally used by each state. The rotating core questions are also asked in each state but are only used on a biennial basis. The optional module section consists of groups of questions supported by the CDC that each state may include in the questionnaire. State-added questions are optional and added based on priority data needs.

All of the content is developed with the goal of providing federal and state officials with viable estimates of prevalence rates for chronic diseases and associated risk factors. Because the BRFSS encompasses many different topics and questions, the validity may vary for some sections or modules within the survey. In reporting the findings, some categories may be excluded from the analysis if the sample size is relatively small and estimates cannot be computed with a reasonable degree of confidence.

More details on BRFSS methodology for collecting and weighting data are available at:

[https://www.cdc.gov/brfss/annual\\_data/2020/pdf/overview-2020-508.pdf](https://www.cdc.gov/brfss/annual_data/2020/pdf/overview-2020-508.pdf)

[https://www.cdc.gov/brfss/annual\\_data/2020/pdf/weighting-2020-508.pdf](https://www.cdc.gov/brfss/annual_data/2020/pdf/weighting-2020-508.pdf)

[https://www.cdc.gov/brfss/annual\\_data/2020/pdf/2020-sdqr-508.pdf](https://www.cdc.gov/brfss/annual_data/2020/pdf/2020-sdqr-508.pdf)

Copies of the instrument and codebooks are available at:

<https://www.cdc.gov/brfss/questionnaires/pdf-ques/2020-BRFSS-Questionnaire-508.pdf>

[https://www.cdc.gov/brfss/annual\\_data/2020/pdf/codebook20\\_llcp-v2-508.pdf](https://www.cdc.gov/brfss/annual_data/2020/pdf/codebook20_llcp-v2-508.pdf)

# About the Public Policy Research Lab

Louisiana State University's Public Policy Research Lab (PPRL) is a research center dedicated to high quality, state-of-the-art data collection and analytics, with a special emphasis on survey research. PPRL is a joint effort of the Manship School of Mass Communication's Reilly Center for Media and Public Affairs and the College of Humanities and Social Sciences.

PPRL provides survey research services. PPRL has more than 65 computer-assisted telephone interview call stations and a corps of highly-trained, well-supervised professional callers. It is one of the largest phone survey data collection facilities in the Southeastern Conference.

PPRL is dedicated to meeting the unique goals and objectives for each project by working closely with those seeking data, research expertise, or analysis. PPRL's clients have included: the federal Center for Disease Control and Prevention, the Louisiana Department of Health and Hospitals, the Louisiana Department of Labor, Louisiana Public Broadcasting, the Mississippi-Alabama Sea Grant Consortium, and the Baton Rouge Area Foundation.

More information on previous surveys may be found at: [www.pprlsu.edu](http://www.pprlsu.edu)

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