



Burden:

Chronic Conditions and Risk Factors

Louisiana 2017 Behavior Risk Factor Surveillance System

Bureau of Health Informatics

Office of Public Health

Louisiana Department of Health

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The Behavioral Risk Factor Surveillance System (BRFSS) is the nation's premier system of health-related telephone surveys that collects state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services. Established in 1984 with 15 states, BRFSS now collects data in all 50 states as well as the District of Columbia and three U.S. territories. BRFSS completes more than 400,000 adult interviews each year, making it the largest continuously conducted health survey system in the world. (<http://www.cdc.gov/brfss/about/index.htm>)

Information is collected from non-institutionalized residents of Louisiana aged 18 years and older using randomly selected cell phone and land line telephone numbers. All data is self-reported and subject to associated bias.

This document contains the 2017 burden tables for the major chronic conditions and risk factors that are tracked annually by the Louisiana Behavioral Risk Factor Surveillance System. Tables 1 through 4 contain the number of individuals with the defined condition as estimated by CDC when weighting the BRFSS data. These numbers describe the entire state population, not the population with the defined condition. For example, the number of people with Diabetes in the entire state is 434,272. Among those who have not finished High School, 115,842 have Diabetes; for those with a High School degree 147,755 have Diabetes; for those with some college 110,007 have Diabetes and for those with a college degree 60,545 have Diabetes.

This is self-reported survey data. If the gender, race, age, education or income for a given respondent was not available, the data was set to missing. As a result, not all categories (gender, race, age, education or income) will sum to the state total for a given condition.

Where sample size was insufficient to supply a valid estimate (un-weighted denominator less than 50 or Coefficient of Variation (CV) greater than 30%), NA or 'not available' was entered.

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Table 1: Louisiana 2016 BRFSS

Burden of Disease: Diabetes and BMI

	Diabetes	Normal Weight	Over Weight	Obese
Total (Estimated)	487,443	927,227	1,116,659	1,198,147
Gender				
Male	221,257	414,942	605,339	586,418
Female	266,186	507,978	511,320	610,902
Race/Ethnicity				
White non-Hispanic	250,666	586,006	696,892	666,322
Black non-Hispanic	179,641	233,600	312,365	412,280
Hispanic	22,819	51,283	42,640	47,292
Other non-Hispanic	NA	37,351	37,436	42,577
Age				
18-24	NA	197,735	120,251	87,093
25-34	28,054	186,654	193,249	212,235
35-44	39,904	126,929	200,619	208,766
45-54	95,450	112,778	158,520	245,599
55-64	127,527	128,991	203,826	221,513
65 +	183,179	174,139	240,193	222,941
Education				
Less than High School	113,983	160,875	172,197	199,211
High School Graduate	179,740	304,035	355,772	427,547
Some College	123,319	249,498	330,124	362,735
College Graduate	69,122	212,819	255,354	207,462
Household Income				
< \$15,000	96,615	109,909	165,685	190,477
\$15,000-\$24,999	97,601	174,881	154,353	195,890
\$25,000-34,999	59,838	81,502	93,446	109,189
\$35,000-49,999	46,636	83,598	129,860	138,463
\$50,000 +	103,474	320,920	423,907	418,800

Table 2: Louisiana 2016 BRFSS

Burden of Disease: Stroke, Heart Attack and Heart Disease

	Stroke	Heart Attack	Heart Disease
Total (Estimated)	167,037	185,442	188,336
Gender			
Male	60,061	105,566	105,488
Female	106,976	79,876	82,848
Race/Ethnicity			
White non-Hispanic	84,847	110,133	117,755
Black non-Hispanic	59,524	47,794	41,604
Hispanic	NA	NA	NA
Other non-Hispanic	NA	NA	NA
Age			
18-24	NA	NA	NA
25-34	NA	NA	NA
35-44	NA	NA	NA
45-54	23,582	29,213	19,182
55-64	41,295	52,871	49,146
65 +	77,449	90,674	101,068
Education			
Less than High School	56,672	59,587	49,411
High School Graduate	62,096	64,138	68,679
Some College	29,096	35,392	41,219
College Graduate	19,173	25,767	28,839
Household Income			
< \$15,000	44,818	43,078	51,295
\$15,000-\$24,999	42,433	33,922	35,976
\$25,000-34,999	12,706	13,219	14,246
\$35,000-49,999	10,189	20,168	17,881
\$50,000 +	21,456	32,336	34,435

Table 3: Louisiana 2016 BRFSS

Burden of Disease: Cigarette Smoking Status, COPD and Asthma

	Current Smoker	Ex Smoker	Never Smoker	COPD	Ever Asthma
Total (Estimated)	776,192	772,236	1,818,887	322,533	552,253
Gender					
Male	407,112	418,507	778,910	127,948	226,886
Female	369,080	353,729	1,034,843	194,584	325,366
Race/Ethnicity					
White non-Hispanic	458,004	540,613	1,016,098	190,883	304,694
Black non-Hispanic	205,658	162,952	623,457	83,547	185,289
Hispanic	49,789	21,669	77,654	NA	24,212
Other non-Hispanic	40,916	28,967	55,381	29,051	NA
Age					
18-24	92,461	21,695	294,416	NA	88,889
25-34	185,857	104,083	333,132	33,479	135,311
35-44	158,141	101,586	296,245	42,135	88,189
45-54	139,758	113,954	286,607	59,281	92,648
55-64	124,136	184,898	268,697	74,014	76,357
65 +	75,840	246,020	339,790	106,869	70,860
Education					
Less than High School	211,154	126,186	230,306	102,076	133,007
High School Graduate	281,077	265,967	567,541	109,760	178,216
Some College	222,237	216,796	532,868	84,927	155,141
College Graduate	61,725	160,991	485,324	25,769	85,588
Household Income					
< \$15,000	171,301	87,829	229,669	77,541	100,009
\$15,000-\$24,999	167,422	111,686	264,674	89,362	124,389
\$25,000-34,999	81,282	62,106	142,645	20,901	39,392
\$35,000-49,999	77,971	96,176	188,772	25,055	44,910
\$50,000 +	183,308	304,865	694,795	46,881	148,116

Table 4: Louisiana 2016 BRFSS

Burden of Disease: Skin Cancer, Other Cancer,
Arthritis, Depressive Disorder and Kidney Disease

	Skin Cancer	Other Cancer	Arthritis	Depressive Disorder	Kidney Disease
Total (Estimated)	184,430	247,773	978,234	783,349	136,469
Gender					
Male	107,724	88,621	392,110	273,002	63,806
Female	76,706	159,152	585,297	510,347	72,663
Race/Ethnicity					
White non-Hispanic	170,819	176,282	620,724	513,268	83,637
Black non-Hispanic	NA	47,609	268,989	180,712	35,718
Hispanic	NA	NA	23,006	39,292	NA
Other non-Hispanic	NA	NA	37,171	29,918	NA
Age					
18-24	NA	NA	20,381	93,178	NA
25-34	NA	NA	74,039	155,881	NA
35-44	NA	18,817	89,762	136,605	NA
45-54	19,948	30,559	177,864	132,532	19,445
55-64	39,393	62,904	247,452	125,776	34,258
65 +	107,309	120,248	368,736	139,377	57,019
Education					
Less than High School	25,056	49,880	208,515	179,401	35,964
High School Graduate	55,538	64,263	343,773	247,471	37,736
Some College	48,737	71,302	265,911	234,511	37,190
College Graduate	55,098	62,328	158,568	121,967	25,579
Household Income					
< \$15,000	15,877	41,136	179,055	167,555	22,403
\$15,000-\$24,999	20,518	39,746	179,444	146,751	29,063
\$25,000-34,999	22,920	26,640	100,458	74,017	15,136
\$35,000-49,999	24,987	27,943	99,847	84,019	13,871
\$50,000 +	67,068	69,710	251,830	176,323	33,440

NOTES

The following variables were used:

Indicator/Descriptor	BRFSS Variable	Definition
Diabetes	DIABETE3	Yes = 1 No = 2,3,or 4
Normal Weight	_BMI5CAT	_BMI5CAT = 2
Over Weight	_BMI5CAT	_BMI5CAT = 3
Obese	_BMI5CAT	_BMI5CAT = 4
Stroke	CVDSTRK3	Yes = 1, No = 2
Heart Attack	CVDINFR4	Yes = 1, No = 2
Heart Disease	CVDCRHD4	Yes = 1, No = 2
Current Smoker	_SMOKER3	_SMOKER3 = 1 or 2
Ex Smoker	_SMOKER3	_SMOKER3 = 3
Never Smoker	_SMOKER3	_SMOKER3 = 4
Ever Asthma	ASTHMA3	Yes = 1, No = 2
COPD	CHCCOPD1	Yes = 1, No = 2
Skin Cancer	CHCSCNCR	Yes = 1, No = 2
Cancer Other than Skin Cancer	CHCOCNCR	Yes = 1, No = 2
Arthritis	HAVARTH3	Yes = 1, No = 2
Depressive Disorder	ADDEPEV2	Yes = 1, No = 2
Kidney Disease	CHCKIDNY	Yes = 1, No = 2
Gender	SEX	Male = 1, Female = 2
Race	_RACE_G1	1 = White, Non-Hispanic 2 = Black, Non-Hispanic 3 = Hispanic 4 = Other Race Only, Non-Hispanic
Age Category	_AGE_G	1 = 18-24 years 2 = 25-34 years 3 = 35-44 years 4 = 45-54 years 5 = 55-64 years 6 = 65+ years
Education Level	_EDUCAG	1 = Less than High School 2 = High School Graduate 3 = Some College or Technical School 4 = College Graduate or Technical Certificate
Household Income Level	_INCOMG	1 = < \$15,000 2 = \$15,000-\$24,999 3 = \$25,000-\$34,999 4 = \$35,000-\$49,999 5 = \$50,000 +

Where the response was 'Don't Know', 'Refused' or blank, the value was set missing.