

Environmental Justice Review

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Capio Sherburne CCS Well No. 1 | January, 2023

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ENVIRONMENTAL JUSTICE REVIEW

Facility Information

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Well Name: Capiro Sherburne CCS Well No. 1

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Well location: Sherburne Wildlife Management Area (WMA)
Pointe Coupee Parish, Louisiana
30.521385, -91.718429

Introduction

On behalf of Capiro Sherburne Sequestration, LLC. (Capiro) SCS Engineers (SCS) prepared this Environmental Justice Review for the proposed geologic sequestration deep injection well (Class VI well) located in the Sherburne Wildlife Management Area (WMA), Pointe Coupee Parish, Louisiana. This report provides results of the review, the rationale for site selection, and the potential community impacts of the project.

The United States Environmental Protection Agency (EPA) defines environmental justice as “the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.” The impetus for the Environmental Justice movement was the disproportionate effects of environmental challenges on sensitive populations. As climate change has come to the forefront of public consciousness, the effects of resultant natural disasters on Environmental Justice (EJ) communities have become increasingly apparent. Carbon capture and sequestration is one means by which climate change may be controlled, creating a better living and working environment for those living in EJ Communities. To this end, Capiro is committed to working within the community to mitigate the effects of climate change and to provide a positive, lasting, impact to our collective health, environment, and economy.

Background

According to the Intergovernmental Panel on Climate Change’s Sixth Assessment in 2021, a dramatic reduction in CO₂ emissions must occur to limit global warming to 2°C above preindustrial times. Global warming over the past century reached 1.1°C in 2021, and temperatures have reached historical global highs for the past seven years. Aggressive goals both nationally and abroad seek to reduce greenhouse gas emissions to net zero by focusing on clean energy technology, yet even the most ambitious action will require a reduction in current CO₂ levels.

Climate scientists and engineers have developed the capability to capture and sequester CO₂ deep within the earth, reducing current emissions and potentially reducing ambient CO₂ (Center for Climate and Energy Solutions, 2021).

The Capio Sherburne WMA carbon capture and sequestration (CCS) project includes the permitting and installation of a Class VI deep injection well, capturing CO₂ at the source located in Baton Rouge, piping the CO₂ as a supercritical fluid to the Class VI injection well, and injecting it into deep formations (greater than 6,000 feet) for geologic sequestration. A number of criteria limit the geologic viability of an area, which requires a deep, highly permeable reservoir with adequate pressure and storage capacity, capped by an impermeable seal located below any potential drinking water sources. As part of the site suitability review and permitting process, SCS reviewed available social, health and environmental data for areas with suitable geology in areas of minimal impact. Based on the carefully evaluated suitability of the geology and the low population density of the WMA, the project site provides the ideal location for CCS.

Site Location

The proposed Class VI well site is located at 30.521385° latitude and -91.718429° longitude in the Sherburne WMA, Pointe Coupee Parish, Louisiana. The site lies approximately 0.5 miles east of the Atchafalaya River, and approximately 500 feet southeast of Highway 975 (**Figure EJ-1**).

Sherburne Wildlife Management Area (WMA) is a 43,637 acre WMA managed as one unit by Louisiana Department of Wildlife and Fisheries (DWF) and owned independently by DWF (11,800 acres), US Army Corps of Engineers (16,616 acres), and US Fish and Wildlife (15,220 acres). Capio Sherburne Sequestration has a long-term subsurface lease of the DWF portion of the WMA for carbon sequestration. There are two primitive camping sites, a boat launch, and a shooting range within the WMA, but no permanent residents.

Data Review

SCS used the EPA Environmental Justice Screening Tool (EJSCREEN) and the United States Census Bureau online data tables to compile the data presented in the following sections. The EPA EJSCREEN tool reports three groups of information; socioeconomic indicators, pollution and source, and proximity to contaminated or potentially contaminated sites; and the EJ Screening results, which are calculated values based upon the combined socioeconomic, pollution and sources data. **Figures EJ-1 through EJ-3** present the tabulated EJSCREEN information for five identified census tracts within a three-mile radius of the proposed Class VI deep injection well. The US Census data tables provide more specific information about populations within the census tracts, including language, literacy, income level, disability, and age. **Tables E-J1 through E-J4** present the census data for Pointe Coupee, Iberville, St. Landry, and St. Martin parishes and the **Figures EJ-3 and EJ-4** present EJSCREEN data for the census tracts containing or adjoining the WMA. **Appendix EJ-A** presents the EJSCREEN reports.

For the purposes of this review, we limit our discussion of the data to Pointe Coupee Parish and census tracts 22077952400 and 22099020100, in which the WMA lies. The following sections present the information obtained from the US Census Bureau and the EPA EJSCREEN.

Socioeconomic and Demographic Evaluation

The US Census Bureau Data Tables provide detailed demographic information including race and ethnicity, language proficiency, age, sex, education, income, poverty status, and disability status. The following information is limited to Pointe Coupee parish; however, information for each of the five parishes noted in Section 4 is presented in the tables.

Race and Ethnicity

US Census Bureau, SCS tabulated race and ethnicity information for the United States, Louisiana, and the Parishes (**Table EJ-1**). The population of Pointe Coupee Parish consists of approximately 32% people of color, compared to 36% for Louisiana, and 24% for the nation.

Language Proficiency

According to the Census Bureau data tables, approximately 6% of people in the United States speak English “less than very well.” Approximately 2% of people in Louisiana and 1% in Pointe Coupee Parish speak English “less than very well” (**Table EJ-2**.)

Age and Sex

Very young and very old people tend to be more susceptible to harm caused by negative environmental impacts. In Pointe Coupee Parish, there are fewer children than the national or state averages. The average percentage of people over 60 in Pointe Coupee Parish is 27.5% compared to 20.6% for Louisiana and 21.3% for the United States overall. The median age in Pointe Coupee Parish is 42.9 years, compared to 36.6 for Louisiana and 37.9 for the nation (**Table EJ-3**).

Low Income - Educational Attainment and Household Income

The total estimated population of Pointe Coupee Parish in 2019 was 22,802 (**Table EJ-1**). In 2019, approximately 88% of Americans were high-school graduates (or the equivalent) compared to 85.2% for Louisiana and 79.8% for Pointe Coupee Parish (**Table EJ-4**). Educational attainment and income level are highly correlated, and the Census Bureau data reports the approximate annual median income for Louisiana is approximately 4.9% lower than the national average, and for Pointe Coupee Parish approximately 5.4% lower.

Low Income - Poverty Status

The Census Bureau tables report that approximately 13.4% of Americans live below the poverty level (**Table EJ-5**). Approximately 19.2% of Louisiana residents and 20.9% of Pointe Coupee Parish residents live below the poverty level.

Disability

According to the Census Bureau data, approximately 26.7% of the non-institutionalized population in Pointe Coupee Parish report a disability compared to 15.3% for Louisiana and 12.6% for the nation. **Table EJ-6** presents the information on disability.

Tribal Lands and Indigenous Peoples

Capio evaluated possible adverse impacts to federally recognized tribes at or near the project area. The four federally recognized tribes within the state include the Chitimacha Tribe of Louisiana, the Coushatta Tribe of Louisiana, the Jena Band of Choctaw Indians, and the Tunica-Biloxi Tribe of Louisiana. The project site does not include any tribal lands and will not affect any tribal fishing and hunting grounds.

Local Sensitive Receptors

The Sherburne WMA lies in a sparsely populated area of Pointe Coupee Parish, which has a low population density overall (**Figure EJ-2**). As with most of southern Louisiana, the area is within a 100-year floodplain, but the Class VI injection well and CO₂ stream will not be directly affected by flooding since the injection and storage zones are greater than 6,000 feet below the ground surface.

EPA EJSCREEN

Figures EJ-3 through EJ-5 present the EPA EJSCREEN results graphically for the census tracts at or near the WMA. Each figure presents the charts generated from the EJSCREEN results and the associated census tract. The complete EJSCREEN reports are included in **Appendix B**. As noted previously, we have limited the discussion within this section to census tracts 22077952400 and 22099020100, in which the WMA is located.

The EJSCREEN result shown in **Figure EJ-3** indicates that the highest environmental risk category for the WMA and surrounding areas include air toxics, cancer, and respiratory hazards.

The results presented in **Figure EJ-4** show the socioeconomic indicators that list low income, low educational attainment, and an aging population for tracts 22077952400 and 22099020100, with more children under age five in the former. The results indicate that fewer people of color reside in census tracts 22077952400 and 22099020100 compared to the national, state, and EPA region.

Parish Health Assessments

The Institute for Health Metrics at the University of Washington performed a study of all counties (or equivalents) within the United States in 2014. Each county profile includes the values for the county, state, and nation for the following metrics: life expectancy, mortality rates for select causes (such as lung disease, cancer, and diabetes), alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity. **Appendix B** contains the county profiles for Pointe Coupee, Iberville, St. Landry, and St. Martin Parishes.

Pointe Coupee Parish health metrics generally align with those of Louisiana, with all-cause mortality rates higher than the national averages. The findings for tracheal, bronchus and lung cancers are notably higher than national averages for men with Pointe Coupee Parish scoring 93 per 100,000 people, compared to 89.7 for Louisiana, and 67.6 for the nation. This finding correlates with the EJSCREEN results that indicate that air toxics and respiratory hazards are elevated in the

study area as well as within Louisiana as a whole. While individual effects such as smoking play a role in respiratory disease, emissions from industrial operations in the region likely contribute to the higher rates. The proposed Class VI injection well operation will not adversely impact air quality in the project area and will positively affect the air quality in Louisiana.

Cumulative Impacts and Mitigation

The effects of climate change become more pronounced each year, and as public policy and available technology seek to reduce emissions through alternative energy sources, the urgency of reducing CO₂ emissions increases. Global warming effects will continue to affect EJ communities disproportionately unless immediate actions are taken. Studies show that CCS is an effective tool for CO₂ reduction, and Capio seeks to become part of the solution to reduce climate-related impacts on at-risk communities.

As part of the Class VI well construction, Capio will perform improvements to access roads and will create concrete pads within the Sherburne WMA. The features will be available to the public and will improve access to the WMA for recreational activities such as fishing, hunting, and hiking.

Since the location is remote, drilling and well construction should not affect residents during the process, and once construction is complete, operational impacts will be minimal. The Capio CCS project is designed to prevent adverse impacts from occurring. Much of the well monitoring occurs in real-time, allowing system operators to detect changes before they become problems. The Class VI well permit application Testing and Monitoring Plan details the range of media and parameters that will be monitored and reported.

Public Engagement

Capio is committed to community involvement with all stakeholders. Capio will host public meetings and will provide educational materials to public interest groups, local administrators, community leaders, educators, and municipalities.

Conclusions

This Environmental Justice review evaluated the potential impacts of the Capio Sherburne WMA Class VI injection well construction and operation to communities near the project area. Site selection criteria included the relative isolation of the WMA. The population density for the area is low (**Figure 2**), and does not consist of a disproportionate number of racial and/or ethnically disadvantaged groups. The challenges that exist for Pointe Coupee Parish and nearby communities (such as poverty and low educational attainment) are independent of this project. The installation of the Class VI injection well and the associated infrastructure will enhance access to the WMA by the general population which will increase outdoor recreation activities for the nearby communities and may provide additional economic opportunities.

Tables

Table EJ-1. Population by Race

Category	United States	Louisiana	Pointe Coupee Parish	Iberville Parish	St. Landry Parish	St. Martin Parish
Total:	308,745,538	4,533,372	22,802	33,387	83,384	52,160
Hispanic or Latino	50,477,594	192,560	492	664	1,321	1,071
Not Hispanic or Latino:	258,267,944	4,340,812	22,310	32,723	82,063	51,089
Population of one race:	252,301,463	4,283,046	22,109	32,497	81,119	50,465
White alone	196,817,552	2,734,884	13,748	15,987	46,025	33,831
Black or African American alone	37,685,848	1,442,420	8,247	16,338	34,295	15,956
American Indian and Alaska Native alone	2,247,098	28,092	16	61	263	214
Asian alone	14,465,124	69,327	57	101	314	393
Native Hawaiian and Other Pacific Islander alone	481,576	1,544	0	2	4	3
Some Other Race alone	604,265	6,779	41	8	218	68
Two or More Races:	5,966,481	57,766	201	226	944	624

Table EJ-2. Language Proficiency

Category	United States	Louisiana	Pointe Coupee Parish	Iberville Parish	St. Landry Parish	St. Martin Parish
Total:	296,603,003	4,315,287	21,075	31,295	77,090	49,516
Speak only English	234,171,556	3,949,236	20,084	30,102	69,759	39,636
Spanish or Spanish Creole:	38,694,150	155,887	458	376	801	905
Speak English "very well"	22,388,257	86,742	230	242	336	359
Speak English less than "very well"	16,305,893	69,145	228	134	465	546
French (incl. Patois, Cajun):	1,282,291	107,616	377	739	5,875	6,887
Speak English "very well"	1,023,080	91,158	348	687	4,130	5,581
Speak English less than "very well"	259,211	16,458	29	52	1,745	1,306
French Creole:	786,770	7,209	72	34	350	1,716
Speak English "very well"	453,499	6,256	45	6	265	1,530
Speak English less than "very well"	333,271	953	27	28	85	186
Italian:	663,139	2,087	14	0	1	0
Speak English "very well"	486,115	1,694	14	0	1	0
Speak English less than "very well"	177,024	393	0	0	0	0
Portuguese or Portuguese Creole:	687,053	2,878	0	0	19	0
Speak English "very well"	435,247	1,748	0	0	19	0
Speak English less than "very well"	251,806	1,130	0	0	0	0
German:	998,922	5,188	0	5	65	0
Speak English "very well"	841,037	4,426	0	0	39	0
Speak English less than "very well"	157,885	762	0	5	26	0
Speak English less than "very well"	411,921	415	0	0	0	0
Polish:	560,496	753	0	0	2	0
Speak English "very well"	339,274	681	0	0	2	0
Gujarati:	385,948	921	0	0	51	0
Speak English "very well"	251,040	649	0	0	51	0
Speak English less than "very well"	134,908	272	0	0	0	0
Speak English "very well"	257,920	1,319	5	0	0	18
Speak English less than "very well"	192,039	580	0	0	0	7
Korean:	1,124,089	2,855	34	2	15	1
Speak English "very well"	511,078	1,651	26	0	15	0
Speak English less than "very well"	613,011	1,204	8	2	0	1
Thai:	156,997	841	0	0	7	6
Speak English "very well"	74,569	342	0	0	7	6
Speak English less than "very well"	82,428	499	0	0	0	0
Laotian:	148,865	1,444	0	0	8	161
Speak English "very well"	76,720	740	0	0	8	39
Speak English less than "very well"	72,145	704	0	0	0	122
Vietnamese:	1,451,564	29,629	28	2	112	142
Speak English "very well"	592,269	13,800	24	0	14	65
Speak English less than "very well"	859,295	15,829	4	2	98	77
Tagalog:	1,675,341	4,375	3	0	0	10
Speak English "very well"	1,136,859	3,037	0	0	0	10
Speak English less than "very well"	538,482	1,338	3	0	0	0
Speak English less than "very well"	32,732	25	0	0	0	0
Other Native North American languages:	193,862	703	0	0	9	2
Speak English "very well"	165,284	637	0	0	9	2
Speak English less than "very well"	28,578	66	0	0	0	0
Arabic:	1,035,065	8,141	0	4	0	13
Speak English "very well"	649,028	5,353	0	4	0	13
Speak English less than "very well"	386,037	2,788	0	0	0	0
Hebrew:	212,316	485	0	0	0	6
Speak English "very well"	178,377	350	0	0	0	6
Speak English less than "very well"	33,939	135	0	0	0	0
African languages:	991,557	2,409	0	0	0	6
Speak English "very well"	675,919	1,870	0	0	0	6
Speak English less than "very well"	315,638	539	0	0	0	0
Other and unspecified languages:	147,374	300	0	0	15	0
Speak English "very well"	86,386	286	0	0	15	0
Speak English less than "very well"	60,988	14	0	0	0	0

Table EJ-3. Age and Sex

Category	United States		Louisiana		Pointe Coupee Parish		Iberville Parish		St. Landry Parish		St. Martin Parish	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Total population	322,903,030	(X)	4,663,616	(X)	22,158	(X)	32,956	(X)	83,449	(X)	53,752	(X)
AGE												
Under 5 years	19,836,850	6.10%	309,339	6.60%	1,311	5.90%	1,902	5.80%	6,340	7.60%	3,609	6.70%
5 to 9 years	20,311,494	6.30%	309,094	6.60%	1,428	6.40%	1,799	5.50%	5,994	7.20%	3,909	7.30%
10 to 14 years	20,817,419	6.40%	306,416	6.60%	1,325	6.00%	2,126	6.50%	6,566	7.90%	3,463	6.40%
15 to 19 years	21,204,226	6.60%	301,500	6.50%	1,313	5.90%	1,892	5.70%	5,726	6.90%	3,346	6.20%
20 to 24 years	22,286,970	6.90%	329,326	7.10%	1,317	5.90%	2,271	6.90%	5,175	6.20%	3,583	6.70%
25 to 29 years	22,779,537	7.10%	343,096	7.40%	1,222	5.50%	2,514	7.60%	5,390	6.50%	3,845	7.20%
30 to 34 years	21,788,439	6.70%	326,796	7.00%	1,191	5.40%	2,489	7.60%	5,064	6.10%	3,450	6.40%
35 to 39 years	20,730,622	6.40%	303,043	6.50%	1,205	5.40%	2,230	6.80%	4,694	5.60%	3,609	6.70%
40 to 44 years	20,032,588	6.20%	273,154	5.90%	1,314	5.90%	1,896	5.80%	4,558	5.50%	3,063	5.70%
45 to 49 years	20,827,879	6.50%	281,619	6.00%	1,286	5.80%	2,207	6.70%	4,750	5.70%	3,314	6.20%
50 to 54 years	21,761,694	6.70%	305,087	6.50%	1,582	7.10%	2,407	7.30%	5,611	6.70%	3,776	7.00%
55 to 59 years	21,611,374	6.70%	310,932	6.70%	1,589	7.20%	2,252	6.80%	5,475	6.60%	4,042	7.50%
60 to 64 years	19,675,357	6.10%	287,507	6.20%	1,741	7.90%	2,127	6.50%	5,262	6.30%	3,184	5.90%
65 to 69 years	16,409,942	5.10%	234,463	5.00%	1,679	7.60%	1,549	4.70%	4,536	5.40%	2,579	4.80%
70 to 74 years	12,125,477	3.80%	168,152	3.60%	873	3.90%	1,295	3.90%	2,895	3.50%	2,054	3.80%
75 to 79 years	8,549,216	2.60%	118,597	2.50%	797	3.60%	874	2.70%	2,385	2.90%	1,176	2.20%
80 to 84 years	5,948,463	1.80%	79,936	1.70%	545	2.50%	741	2.20%	1,442	1.70%	747	1.40%
85 years and over	6,205,483	1.90%	75,559	1.60%	440	2.00%	385	1.20%	1,586	1.90%	1,003	1.90%
Selected Age Categories												
5 to 14 years	41,128,913	12.70%	615,510	13.20%	2,753	12.40%	3,925	11.90%	12,560	15.10%	7,372	13.70%
15 to 17 years	12,587,477	3.90%	183,625	3.90%	873	3.90%	1,231	3.70%	3,766	4.50%	2,209	4.10%
Under 18 years	73,553,240	22.80%	1,108,474	23.80%	4,937	22.30%	7,058	21.40%	22,666	27.20%	13,190	24.50%
18 to 24 years	30,903,719	9.60%	447,201	9.60%	1,757	7.90%	2,932	8.90%	7,135	8.60%	4,720	8.80%
15 to 44 years	128,822,382	39.90%	1,876,915	40.20%	7,562	34.10%	13,292	40.30%	30,607	36.70%	20,896	38.90%
16 years and over	257,754,872	79.80%	3,677,980	78.90%	17,717	80.00%	26,774	81.20%	63,179	75.70%	42,030	78.20%
18 years and over	249,349,790	77.20%	3,555,142	76.20%	17,221	77.70%	25,898	78.60%	60,783	72.80%	40,562	75.50%
21 years and over	236,122,501	73.10%	3,366,671	72.20%	16,429	74.10%	24,796	75.20%	57,608	69.00%	38,815	72.20%
60 years and over	68,913,938	21.30%	964,214	20.70%	6,075	27.40%	6,971	21.20%	18,106	21.70%	10,743	20.00%
62 years and over	60,628,688	18.80%	842,811	18.10%	5,336	24.10%	6,031	18.30%	15,733	18.90%	9,434	17.60%
65 years and over	49,238,581	15.20%	676,707	14.50%	4,334	19.60%	4,844	14.70%	12,844	15.40%	7,559	14.10%
75 years and over	20,703,162	6.40%	274,092	5.90%	1,782	8.00%	2,000	6.10%	5,413	6.50%	2,926	5.40%
Summary Indicators												
Median age (years)	37.9	(X)	36.6	(X)	42.9	(X)	38.3	(X)	36.3	(X)	37.1	(X)
Sex ratio (males per 100 females)	97	(X)	95.7	(X)	91.9	(X)	102.2	(X)	92.7	(X)	96.9	(X)
Age dependency ratio	61.4	(X)	62	(X)	71.9	(X)	56.5	(X)	74.1	(X)	62.9	(X)
Old-age dependency ratio	24.6	(X)	23.5	(X)	33.6	(X)	23	(X)	26.8	(X)	22.9	(X)
Child dependency ratio	36.8	(X)	38.5	(X)	38.3	(X)	33.5	(X)	47.3	(X)	40	(X)

Table EJ-4. Income and Education

Category	United States		Louisiana		Pointe Coupee Parish		Ibererville Parish		St. Landry Parish		St. Martin Parish	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Population 18 to 24 years	30,646,327	(X)	435,859	(X)	1,729	(X)	2,852	(X)	7,048	(X)	4,740	(X)
Less than high school graduate	3,865,636	12.6%	71,175	16.3%	515	29.8%	515	18.1%	1,943	27.6%	1,172	24.7%
High school graduate (includes equivalency)	9,631,866	31.4%	149,420	34.3%	420	24.3%	1,105	38.7%	3,121	44.3%	2,078	43.8%
Some college or associate's degree	13,719,761	44.8%	181,333	41.6%	794	45.9%	1,059	37.1%	1,779	25.2%	1,298	27.4%
Bachelor's degree or higher	3,429,064	11.2%	33,931	7.8%	0	0.0%	173	6.1%	205	2.9%	192	4.1%
Population 25 years and over	220,622,076	(X)	3,125,153	(X)	15,380	(X)	23,035	(X)	53,804	(X)	35,929	(X)
Less than 9th grade	11,284,290	5.1%	152,013	4.9%	882	5.7%	1,279	5.6%	4,856	9.0%	2,542	7.1%
9th to 12th grade, no diploma	15,187,971	6.9%	309,693	9.9%	2,220	14.4%	3,410	14.8%	7,671	14.3%	3,968	11.0%
High school graduate	59,472,748	27.0%	1,061,388	34.0%	6,048	39.3%	9,522	41.3%	22,163	41.2%	15,443	43.0%
Some college, no degree	45,044,698	20.4%	654,347	20.9%	3,011	19.6%	4,341	18.8%	8,339	15.5%	6,817	19.0%
Associate's degree	18,712,207	8.5%	194,127	6.2%	925	6.0%	1,281	5.6%	2,838	5.3%	1,942	5.4%
Bachelor's degree	43,646,104	19.8%	490,514	15.7%	1,772	11.5%	2,325	10.1%	5,379	10.0%	3,955	11.0%
Graduate or professional degree	27,274,058	12.4%	263,071	8.4%	522	3.4%	877	3.8%	2,558	4.8%	1,262	3.5%
High school graduate or higher	194,149,815	88.0%	2,663,447	85.2%	12,278	79.8%	18,346	79.6%	41,277	76.7%	29,419	81.9%
Bachelor's degree or higher	70,920,162	32.1%	753,585	24.1%	2,294	14.9%	3,202	13.9%	7,937	14.8%	5,217	14.5%
Population 25 to 34 years	45,030,415	(X)	669,213	(X)	2,475	(X)	5,007	(X)	10,538	(X)	7,334	(X)
High school graduate or higher	40,896,012	90.8%	584,834	87.4%	2,153	87.0%	4,099	81.9%	8,078	76.7%	6,259	85.3%
Bachelor's degree or higher	16,089,370	35.7%	180,752	27.0%	421	17.0%	660	13.2%	1,835	17.4%	1,330	18.1%
Population 35 to 44 years	40,978,831	(X)	581,554	(X)	2,389	(X)	4,163	(X)	9,203	(X)	6,458	(X)
High school graduate or higher	36,287,635	88.6%	506,967	87.2%	1,854	77.6%	3,295	79.1%	7,591	82.5%	5,614	86.9%
Bachelor's degree or higher	14,887,483	36.3%	158,473	27.2%	363	15.2%	691	16.6%	1,702	18.5%	1,040	16.1%
Population 45 to 64 years	83,829,034	(X)	1,176,368	(X)	6,072	(X)	8,892	(X)	20,956	(X)	14,226	(X)
High school graduate or higher	74,104,483	88.4%	1,007,175	85.6%	4,855	80.0%	7,022	79.0%	16,830	80.3%	12,203	85.8%
Bachelor's degree or higher	25,982,555	31.0%	264,062	22.4%	821	13.5%	1,279	14.4%	2,551	12.2%	2,058	14.5%
Population 65 years and over	50,783,796	(X)	698,018	(X)	4,444	(X)	4,973	(X)	13,107	(X)	7,911	(X)
High school graduate or higher	42,861,685	84.4%	564,471	80.9%	3,416	76.9%	3,930	79.0%	8,778	67.0%	5,343	67.5%
Bachelor's degree or higher	13,960,754	27.5%	150,298	21.5%	689	15.5%	572	11.5%	1,849	14.1%	789	10.0%
Median Income by Education (25 and up)												
Population 25 years and over with earnings	41,081	(X)	37,323	(X)	36,882	(X)	36,508	(X)	31,119	(X)	35,275	(X)
Less than high school graduate	24,071	(X)	21,938	(X)	31,030	(X)	26,162	(X)	19,124	(X)	25,646	(X)
High school graduate (includes equivalency)	31,264	(X)	30,265	(X)	29,817	(X)	32,800	(X)	27,884	(X)	31,944	(X)
Some college or associate's degree	37,471	(X)	34,454	(X)	34,411	(X)	38,933	(X)	31,529	(X)	33,098	(X)
Bachelor's degree	54,925	(X)	50,018	(X)	55,938	(X)	43,066	(X)	41,646	(X)	48,274	(X)
Graduate or professional degree	74,253	(X)	60,735	(X)	49,338	(X)	60,625	(X)	53,691	(X)	53,500	(X)

Table EJ-5. Poverty

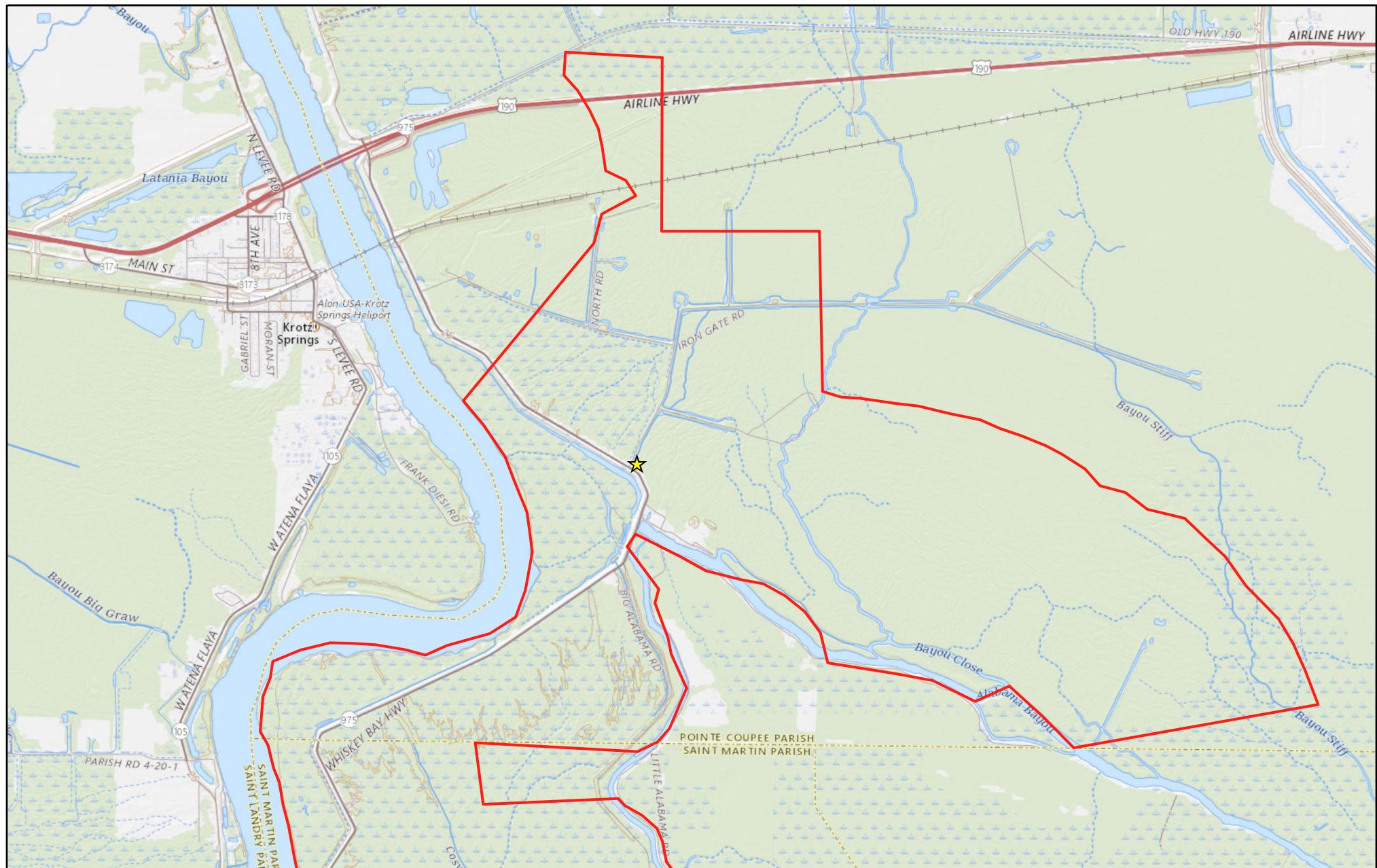
Category	United States			Louisiana			Pointe Coupee Parish			Ibererville Parish			St. Landry Parish			St. Martin Parish		
	Total	Below poverty level	Percent below poverty level	Total	Below poverty level	Percent below poverty level	Total	Below poverty level	Percent below poverty level	Total	Below poverty level	Percent below poverty level	Total	Below poverty level	Percent below poverty level	Total	Below poverty level	Percent below poverty level
Population for whom poverty status is determined	316,715,051	42,510,843	13.4%	4,532,714	871,467	19.2%	21,685	4,538	20.9%	29,497	5,381	18.2%	81,523	21,355	26.2%	52,970	9,986	18.9%
Age																		
Under 18 years	72,235,700	13,377,778	18.5%	1,087,359	295,682	27.2%	4,703	1,385	29.4%	6,850	1,894	27.6%	21,690	8,199	37.8%	12,481	3,546	28.4%
Under 5 years	19,430,702	3,948,405	20.3%	302,660	91,109	30.1%	1,213	340	28.0%	1,804	689	38.2%	5,844	2,581	44.2%	3,318	917	27.6%
5 to 17 years	52,804,998	9,429,373	17.9%	784,699	204,573	26.1%	3,490	1,045	29.9%	5,046	1,205	23.9%	15,846	5,618	35.5%	9,163	2,629	28.7%
Related children under 18 years	71,912,137	13,078,339	18.2%	1,083,843	292,529	27.0%	4,676	1,358	29.0%	6,766	1,810	26.8%	21,555	8,064	37.4%	12,435	3,512	28.2%
18 to 64 years	194,990,552	24,545,633	12.6%	2,768,184	489,422	17.7%	12,648	2,185	17.3%	18,013	2,930	16.3%	47,314	10,680	22.6%	32,684	5,315	16.3%
18 to 34 years	71,601,235	11,638,198	16.3%	1,046,539	231,733	22.1%	4,204	800	19.0%	6,821	1,110	16.3%	17,317	4,376	25.3%	12,055	2,325	19.3%
35 to 64 years	123,389,317	12,907,435	10.5%	1,721,645	257,689	15.0%	8,444	1,385	16.4%	11,192	1,820	16.3%	29,997	6,304	21.0%	20,629	2,990	14.5%
60 years and over	69,423,553	6,697,494	9.6%	967,813	130,047	13.4%	6,116	1,409	23.0%	6,536	844	12.9%	17,939	3,557	19.8%	11,253	1,562	13.9%
65 years and over	49,488,799	4,587,432	9.3%	677,171	86,363	12.8%	4,334	968	22.3%	4,634	557	12.0%	12,519	2,476	19.8%	7,805	1,125	14.4%
Sex																		
Male	155,133,161	18,909,451	12.2%	2,189,627	375,622	17.2%	10,427	2,167	20.8%	14,060	2,304	16.4%	39,290	9,151	23.3%	25,958	4,342	16.7%
Female	161,581,890	23,601,392	14.6%	2,343,087	495,845	21.2%	11,258	2,371	21.1%	15,437	3,077	19.9%	42,233	12,204	28.9%	27,012	5,644	20.9%
Race and Hispanic/Latino Origin																		
White alone	230,152,986	25,658,220	11.1%	2,830,510	362,541	12.8%	13,387	1,847	13.8%	15,176	1,586	10.5%	45,869	7,811	17.0%	35,381	4,558	12.9%
Black or African American alone	39,555,122	9,114,217	23.0%	1,441,178	452,290	31.4%	7,796	2,521	32.3%	13,724	3,707	27.0%	33,636	12,998	38.6%	15,407	4,615	30.0%
American Indian and Alaska Native alone	2,657,423	660,695	24.9%	25,726	5,873	22.8%	0	0	-	0	0	-	172	17	9.9%	294	67	22.8%
Asian alone	17,577,528	1,922,319	10.9%	79,296	11,780	14.9%	56	0	0.0%	10	0	0.0%	60	0	0.0%	536	242	45.1%
Native Hawaiian and Other Pacific Islander alone	581,465	101,826	17.5%	1,360	271	19.9%	0	0	-	0	0	-	0	0	-	0	0	-
Some other race alone	15,744,395	3,313,183	21.0%	62,422	17,288	27.7%	242	95	39.3%	163	0	0.0%	489	11	2.2%	241	2	0.8%
Two or more races	10,446,132	1,740,383	16.7%	92,222	21,424	23.2%	204	75	36.8%	424	88	20.8%	1,297	518	39.9%	1,111	502	45.2%
Hispanic or Latino origin (of any race)	57,311,163	11,256,244	19.6%	230,616	54,933	23.8%	568	110	19.4%	815	94	11.5%	1,820	219	12.0%	1,523	427	28.0%
White alone, not Hispanic or Latino	192,610,197	18,525,349	9.6%	2,678,658	328,045	12.2%	13,037	1,832	14.1%	14,570	1,505	10.3%	44,510	7,594	17.1%	34,143	4,185	12.3%
Educational Attainment																		
Population 25 years and over	217,053,981	23,273,165	10.7%	3,046,568	468,673	15.4%	15,253	2,777	18.2%	20,110	3,013	15.0%	52,890	11,340	21.4%	35,749	5,614	15.7%
Less than high school graduate	25,499,600	6,341,225	24.9%	433,723	144,813	33.4%	3,065	1,040	33.9%	3,564	1,122	31.5%	12,152	4,655	38.3%	6,446	1,623	25.2%

High school graduate (includes equivalency)	58,011,855	7,858,253	13.5%	1,029,022	179,470	17.4%	5,989	1,075	17.9%	8,390	1,009	12.0%	21,814	4,630	21.2%	15,385	2,444	15.9%
Some college, associate's degree	62,944,838	6,042,361	9.6%	835,297	106,249	12.7%	3,913	413	10.6%	5,123	670	13.1%	11,141	1,786	16.0%	8,719	1,260	14.5%
Bachelor's degree or higher	70,597,688	3,031,326	4.3%	748,526	38,141	5.1%	2,286	249	10.9%	3,033	212	7.0%	7,783	269	3.5%	5,199	287	5.5%

Table EJ-6. Disabilities

Category	United States			Louisiana			Pointe Coupee Parish, Louisiana			Iberville Parish, Louisiana			St. Landry Parish, Louisiana			St. Martin Parish, Louisiana		
	Total	With a disability	Percent with a disability	Total	With a disability	Percent with a disability	Total	With a disability	Percent with a disability	Total	With a disability	Percent with a disability	Total	With a disability	Percent with a disability	Total	With a disability	Percent with a disability
Total civilian noninstitutionalized population	319,706,872	40,335,099	12.6%	4,558,894	695,791	15.3%	21,889	5,850	26.7%	29,585	5,858	19.8%	82,029	9,676	11.8%	53,530	7,966	14.9%
Sex																		
Male	156,259,228	19,519,273	12.5%	2,195,701	335,500	15.3%	10,538	2,920	27.7%	14,107	2,632	18.7%	39,573	4,745	12.0%	26,321	4,368	16.6%
Female	163,447,644	20,815,826	12.7%	2,363,193	360,291	15.2%	11,351	2,930	25.8%	15,478	3,226	20.8%	42,456	4,931	11.6%	27,209	3,598	13.2%
Race and Hispanic or Latino Origin																		
White alone	232,172,242	30,510,078	13.1%	2,842,666	434,924	15.3%	13,565	3,656	27.0%	15,219	3,125	20.5%	45,987	6,068	13.2%	35,743	5,388	15.1%
Black or African American alone	39,984,233	5,579,158	14.0%	1,452,833	230,963	15.9%	7,822	2,162	27.6%	13,769	2,646	19.2%	34,024	3,348	9.8%	15,571	2,287	14.7%
American Indian and Alaska Native alone	2,683,257	454,471	16.9%	25,827	5,325	20.6%	0	0	-	0	0	-	172	69	40.1%	308	42	13.6%
Asian alone	17,831,734	1,259,426	7.1%	80,093	6,179	7.7%	56	19	33.9%	10	0	0.0%	60	0	0.0%	536	29	5.4%
Native Hawaiian and Other Pacific Islander alone	585,840	63,132	10.8%	1,263	161	12.7%	0	0	-	0	0	-	0	0	-	0	0	-
Some other race alone	15,852,150	1,310,335	8.3%	62,818	5,336	8.5%	242	0	0.0%	163	16	9.8%	489	43	8.8%	256	36	14.1%
Two or more races	10,597,416	1,158,499	10.9%	93,394	12,903	13.8%	204	13	6.4%	424	71	16.7%	1,297	148	11.4%	1,116	184	16.5%
White alone, not Hispanic or Latino	194,367,330	27,087,773	13.9%	2,690,123	419,125	15.6%	13,215	3,583	27.1%	14,622	2,910	19.9%	44,650	5,939	13.3%	34,439	5,295	15.4%
Hispanic or Latino (of any race)	57,729,655	5,180,805	9.0%	231,926	23,102	10.0%	568	82	14.4%	806	270	33.5%	1,798	191	10.6%	1,603	144	9.0%
Age																		
Under 5 years	19,766,024	142,489	0.7%	307,435	2,349	0.8%	1,305	27	2.1%	1,833	0	0.0%	6,147	11	0.2%	3,693	30	0.8%
5 to 17 years	53,528,426	2,941,961	5.5%	794,222	59,214	7.5%	3,602	272	7.6%	5,102	439	8.6%	16,144	919	5.7%	9,370	470	5.0%
18 to 34 years	73,785,160	4,668,076	6.3%	1,063,331	84,362	7.9%	4,204	721	17.2%	6,824	864	12.7%	17,247	1,007	5.8%	12,033	724	6.0%
35 to 64 years	123,138,389	15,519,528	12.6%	1,716,735	286,824	16.7%	8,444	2,519	29.8%	11,192	2,430	21.7%	29,972	3,716	12.4%	20,629	3,584	17.4%
65 to 74 years	29,214,124	7,240,218	24.8%	410,149	124,594	30.4%	2,625	1,081	41.2%	2,699	859	31.8%	7,579	2,044	27.0%	4,801	1,564	32.6%
75 years and over	20,274,749	9,822,827	48.4%	267,022	138,448	51.8%	1,709	1,230	72.0%	1,935	1,266	65.4%	4,940	1,979	40.1%	3,004	1,594	53.1%

Figures



Legend

- ★ CO₂ Sequestration Well
- Sherburne Lease

FIGURE EJ-1
Proposed Location of Class VI Sequestration Well
Capio Sequestration, LLC
Pointe Coupee Parish, LA

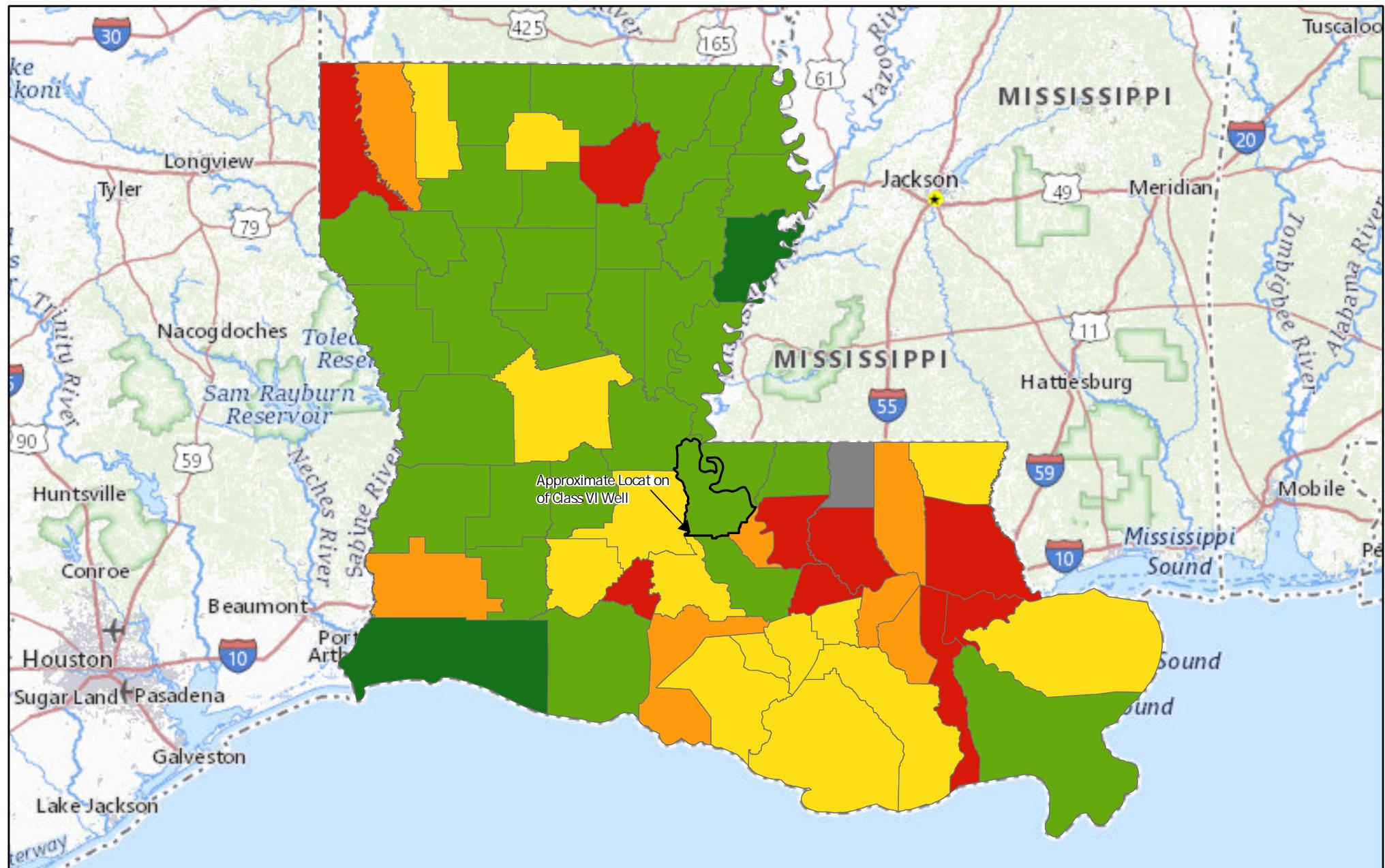
SCS ENGINEERS

Wichita, KS

November 2022

0 4,000 Feet





Legend

Pointe Coupee Parish

Population Density per km^2

5
20
40
69
420

FIGURE EJ-2

Population Density
Capio Sequestration, LLC
Pointee Coupee Parish, LA

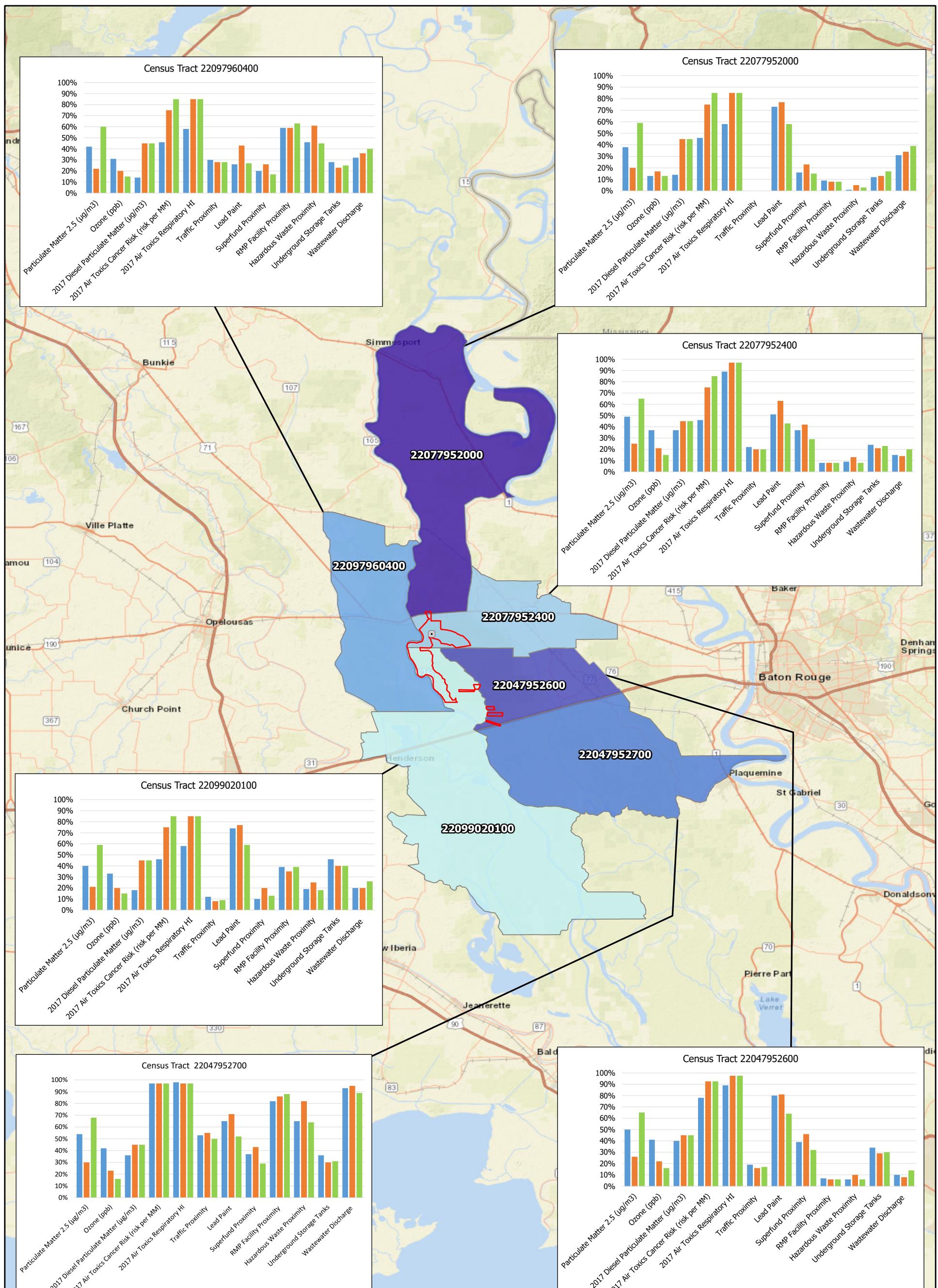
SCS ENGINEERS

Wichita, KS

November 2022

0 300,000
Feet





Legend

- Bar Graph Elements
 - Percentile in State
 - Percentile in EPA Region
 - Percentile in USA
- Drill Site
- Sherburne Lease Boundary

Note:
Data obtained from the USEPA EJSCREEN online tool.

Includes census tracts within a five-mile radius of the proposed well.

Abbreviations:
µg/m³ - micrograms per cubic meter
ppb = parts per billion
MM = million
HI - Hazard Index

FIGURE EJ-3
Pollution and Sources
Capio Sequestration, LLC
Project No. 27222154.00
Louisiana, EPA Region 6

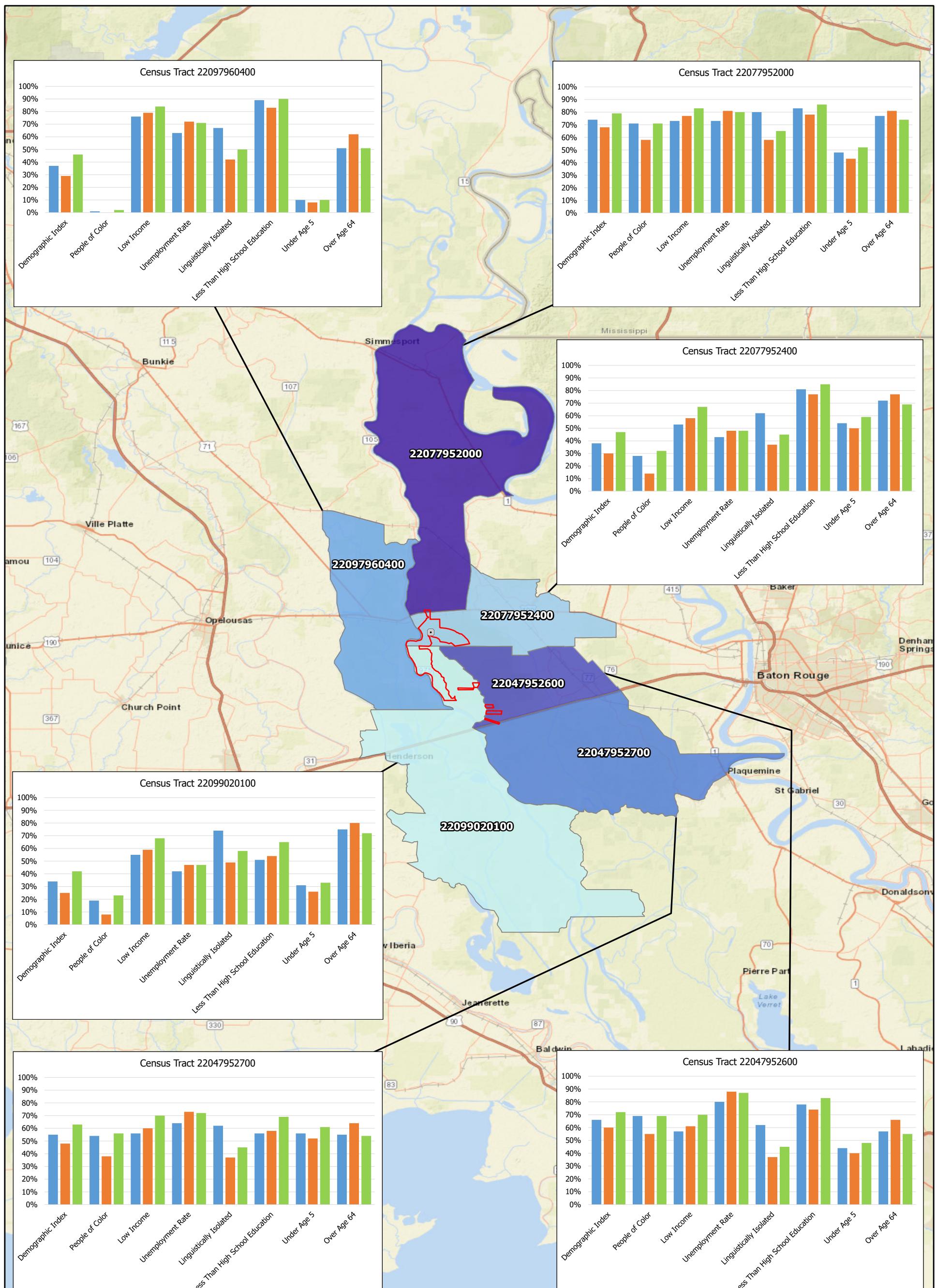
SCS ENGINEERS

Wichita, KS

November 2022

0 27,500 55,000 Feet





Legend

Bar Graph Elements

- Percentile in State
- Percentile in EPA Region
- Percentile in USA
- Drill Site
- Sherburne Lease Boundary

Note:

Data obtained from the USEPA EJSCREEN online tool.

Includes census tracts within a five-mile radius of the proposed well.

FIGURE EJ-4
Socioeconomic Indicators
Capio Sequestration, LLC
Project No. 27222154.00
Louisiana, EPA Region 6

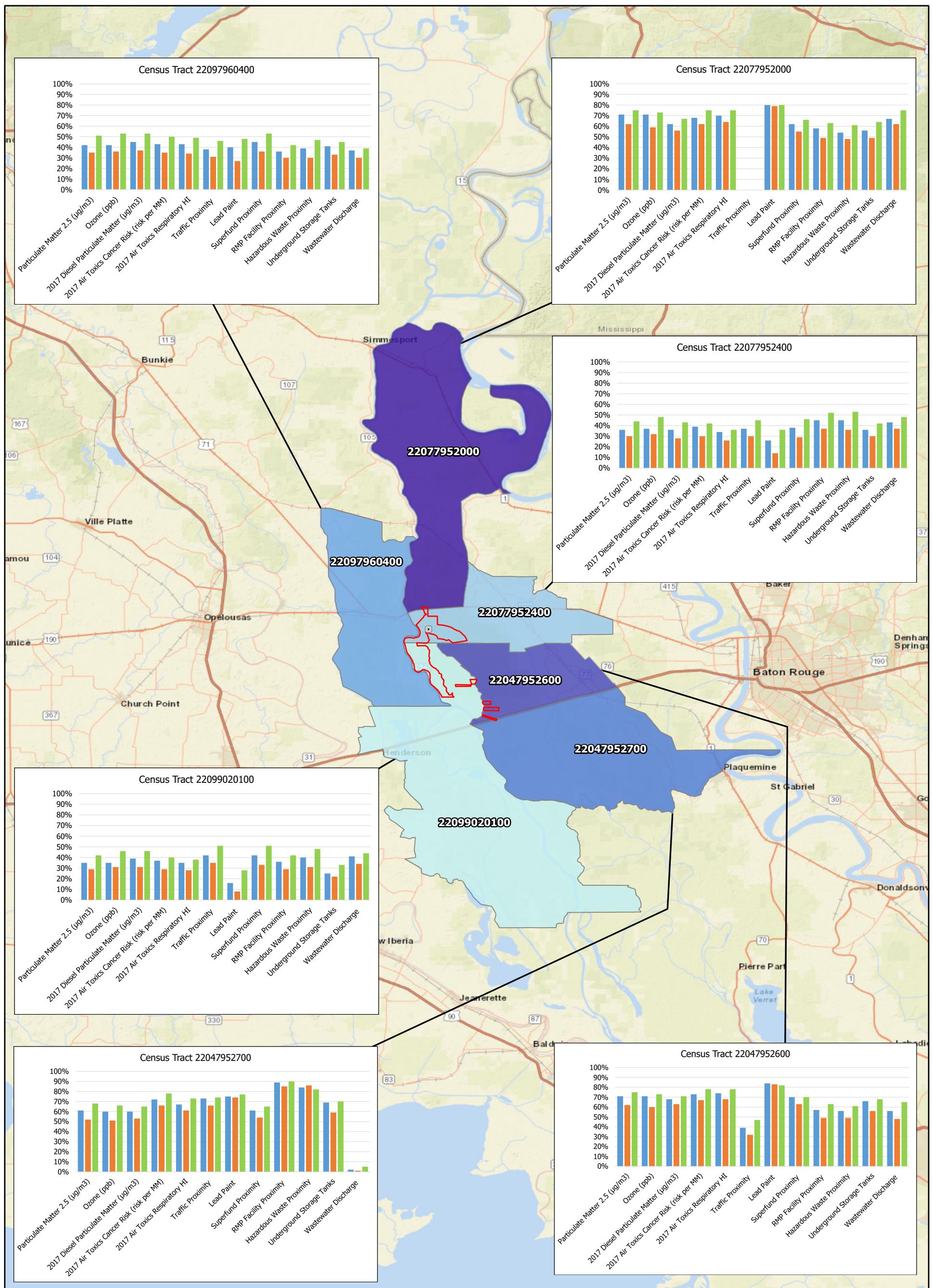
SCS ENGINEERS

Wichita, KS

November 2022

0 27,500 55,000 Feet





Legend

Bar Graph Elements

- Percentile in State
- Percentile in EPA Region
- Percentile in USA
- Drill Site
- Sherburne Lease Boundary

Note:
Data obtained from the USEPA EJSCREEN online tool.

Includes census tracts within a five-mile radius of the proposed well.

Abbreviations:
µg/m³ - micrograms per cubic meter
ppb = parts per billion
MM = million
HI - Hazard Index

FIGURE EJ-5
EJ Index
Capio Sequestration, LLC
Project No. 27222154.00
Louisiana, EPA Region 6

SCS ENGINEERS

Wichita, KS

November 2022

0 27,500 55,000 Feet

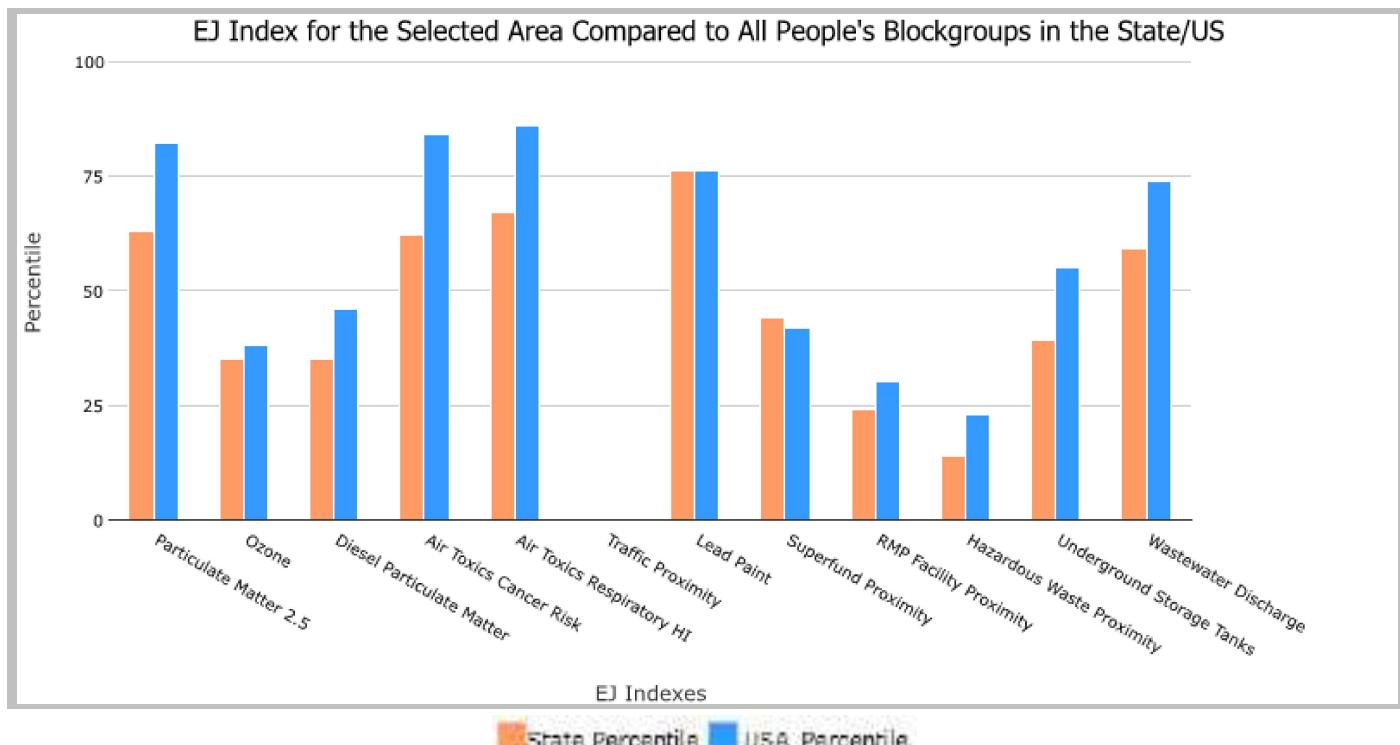


Appendices

Appendix EJ-A

Tract: 22077952000, LOUISIANA, EPA Region 6
Approximate Population: 2,639
Input Area (sq. miles): 278.44

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	63	82
EJ Index for Ozone	35	38
EJ Index for Diesel Particulate Matter*	35	46
EJ Index for Air Toxics Cancer Risk*	62	84
EJ Index for Air Toxics Respiratory HI*	67	86
EJ Index for Traffic Proximity	N/A	N/A
EJ Index for Lead Paint	76	76
EJ Index for Superfund Proximity	44	42
EJ Index for RMP Facility Proximity	24	30
EJ Index for Hazardous Waste Proximity	14	23
EJ Index for Underground Storage Tanks	39	55
EJ Index for Wastewater Discharge	59	74

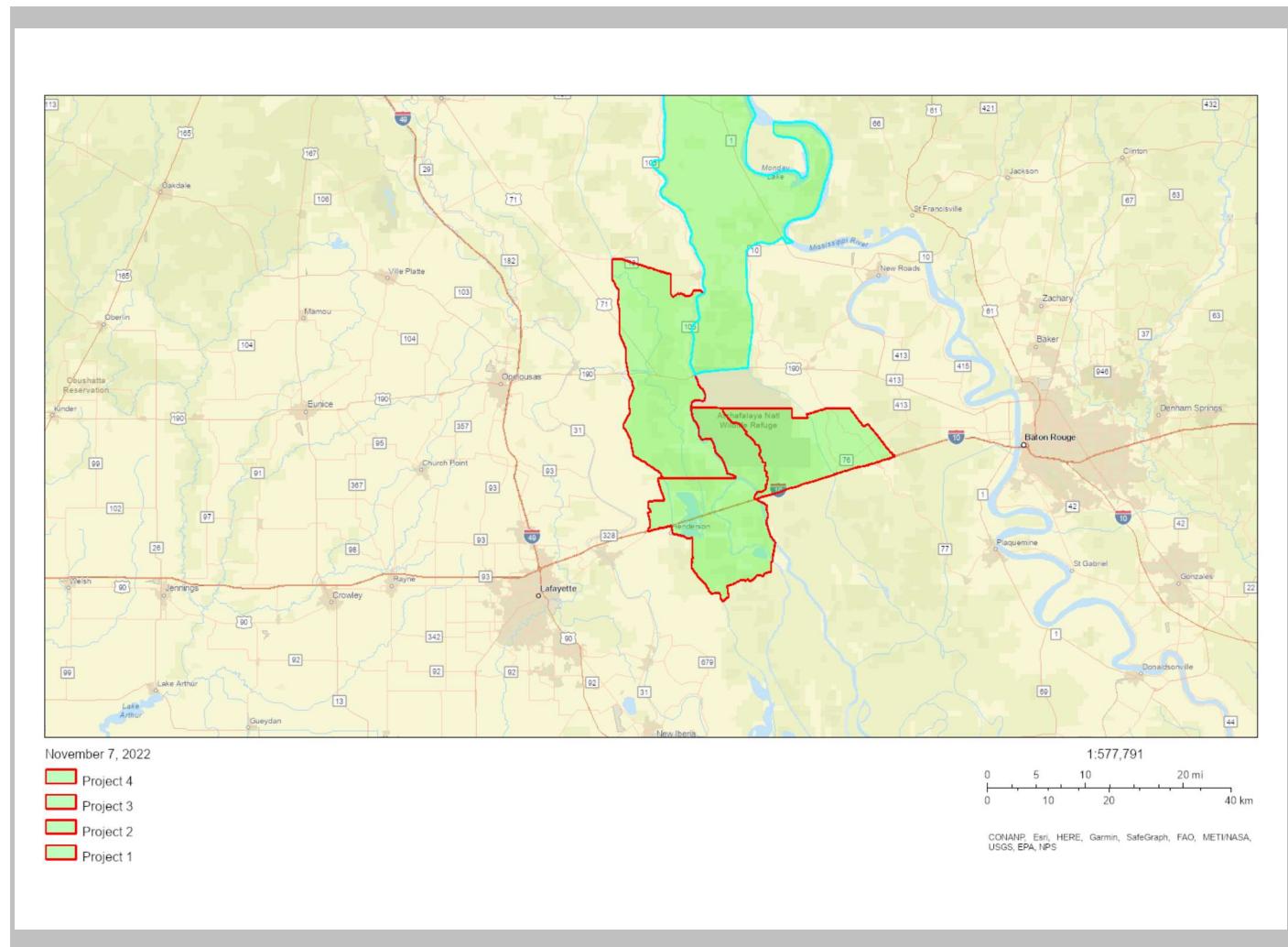


This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

Tract: 22077952000, LOUISIANA, EPA Region 6

Approximate Population: 2,639

Input Area (sq. miles): 278.44



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Tract: 22077952000, LOUISIANA, EPA Region 6

Approximate Population: 2,639

Input Area (sq. miles): 278.44

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m ³)	8.92	9.2	35	8.67	60
Ozone (ppb)	35.5	37	15	42.5	13
Diesel Particulate Matter* (µg/m ³)	0.111	0.297	15	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	40	52	28	80-90th
Air Toxics Respiratory HI*	0.4	0.45	62	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	N/A	640	N/A	760	N/A
Lead Paint (% Pre-1960 Housing)	0.19	0.2	60	0.27	47
Superfund Proximity (site count/km distance)	0.018	0.076	22	0.13	16
RMP Facility Proximity (facility count/km distance)	0.07	0.96	10	0.77	10
Hazardous Waste Proximity (facility count/km distance)	0.039	1.4	5	2.2	6
Underground Storage Tanks (count/km ²)	0.023	2.2	16	3.9	23
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00042	0.37	34	12	42
Socioeconomic Indicators					
Demographic Index	59%	41%	73	35%	82
People of Color	63%	42%	71	40%	74
Low Income	56%	38%	73	30%	85
Unemployment Rate	10%	7%	76	5%	83
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	23%	14%	76	12%	84
Under Age 5	10%	7%	78	6%	84
Over Age 64	21%	15%	74	16%	72

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

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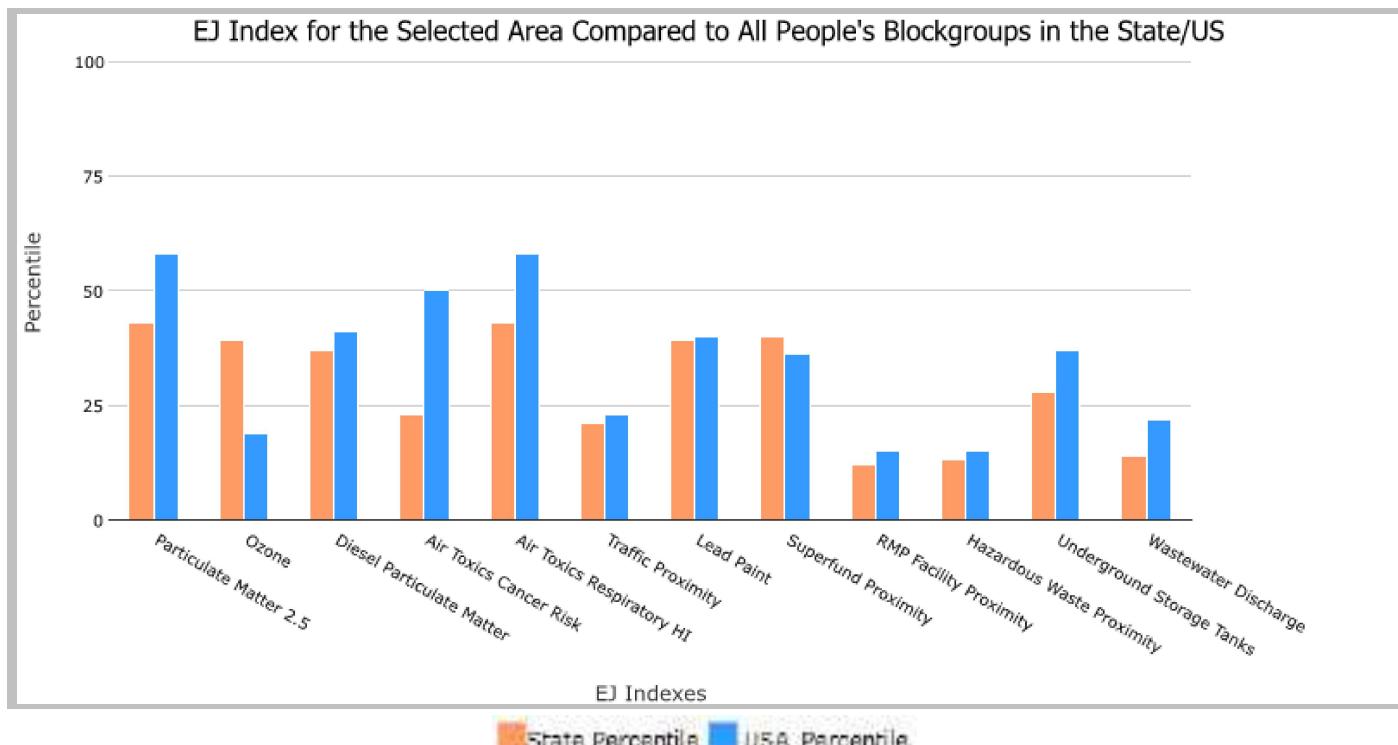
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Tract: 22077952400, LOUISIANA, EPA Region 6

Approximate Population: 4,305

Input Area (sq. miles): 103.06

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	43	58
EJ Index for Ozone	39	19
EJ Index for Diesel Particulate Matter*	37	41
EJ Index for Air Toxics Cancer Risk*	23	50
EJ Index for Air Toxics Respiratory HI*	43	58
EJ Index for Traffic Proximity	21	23
EJ Index for Lead Paint	39	40
EJ Index for Superfund Proximity	40	36
EJ Index for RMP Facility Proximity	12	15
EJ Index for Hazardous Waste Proximity	13	15
EJ Index for Underground Storage Tanks	28	37
EJ Index for Wastewater Discharge	14	22



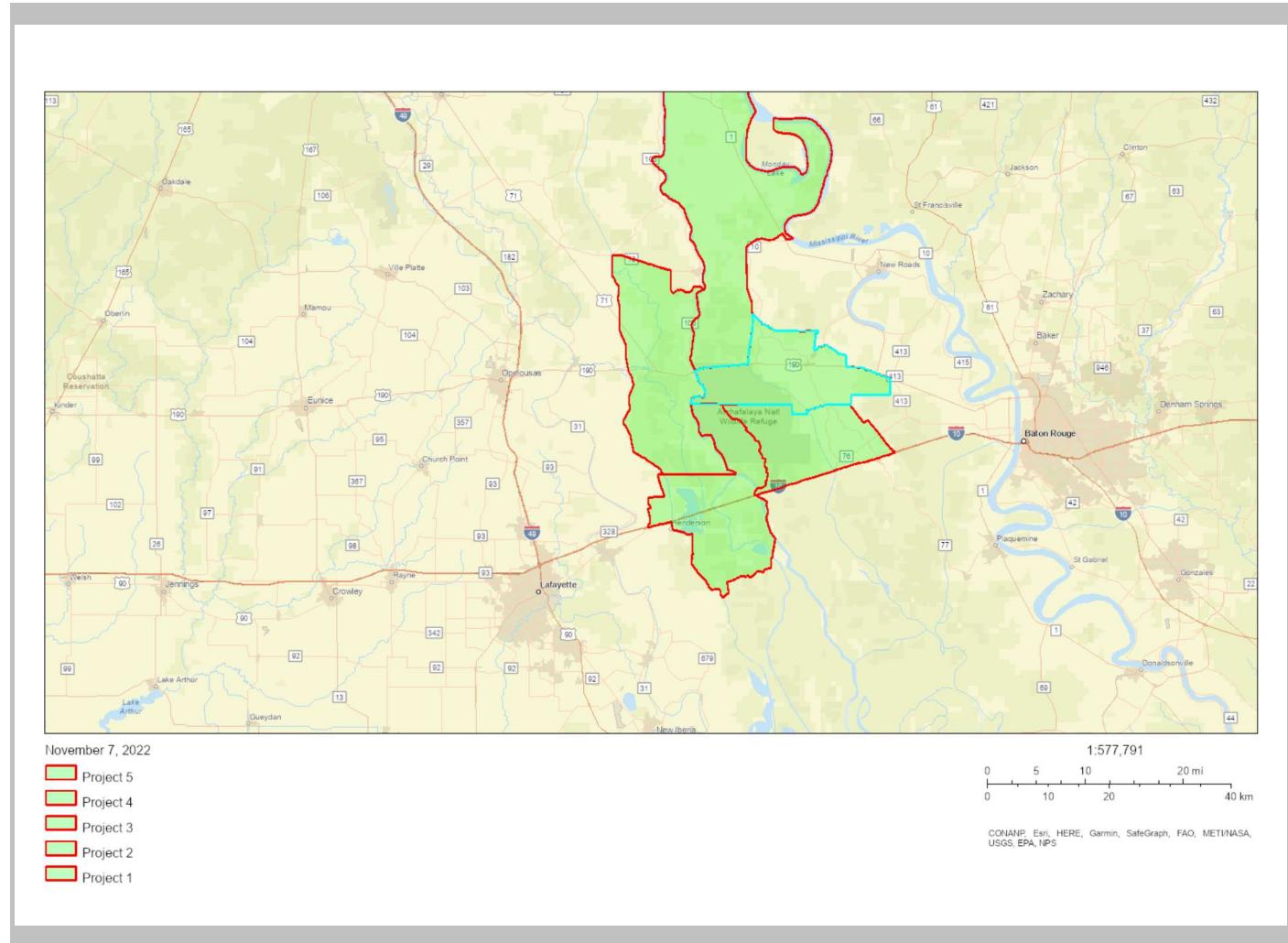
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EJScreen Report (Version 2.1)

Tract: 22077952400, LOUISIANA, EPA Region 6

Approximate Population: 4,305

Input Area (sq. miles): 103.06



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Tract: 22077952400, LOUISIANA, EPA Region 6

Approximate Population: 4,305

Input Area (sq. miles): 103.06

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	9.14	9.2	51	8.67	66
Ozone (ppb)	36.3	37	43	42.5	15
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.183	0.297	40	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	40	52	28	80-90th
Air Toxics Respiratory HI*	0.5	0.45	90	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	37	640	21	760	20
Lead Paint (% Pre-1960 Housing)	0.13	0.2	49	0.27	39
Superfund Proximity (site count/km distance)	0.032	0.076	48	0.13	30
RMP Facility Proximity (facility count/km distance)	0.069	0.96	9	0.77	10
Hazardous Waste Proximity (facility count/km distance)	0.058	1.4	11	2.2	11
Underground Storage Tanks (count/km ²)	0.11	2.2	25	3.9	28
Wastewater Discharge (toxicity-weighted concentration/m distance)	2E-05	0.37	16	12	21
Socioeconomic Indicators					
Demographic Index	23%	41%	29	35%	39
People of Color	15%	42%	28	40%	33
Low Income	31%	38%	39	30%	56
Unemployment Rate	1%	7%	33	5%	25
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	22%	14%	75	12%	83
Under Age 5	8%	7%	71	6%	76
Over Age 64	18%	15%	64	16%	60

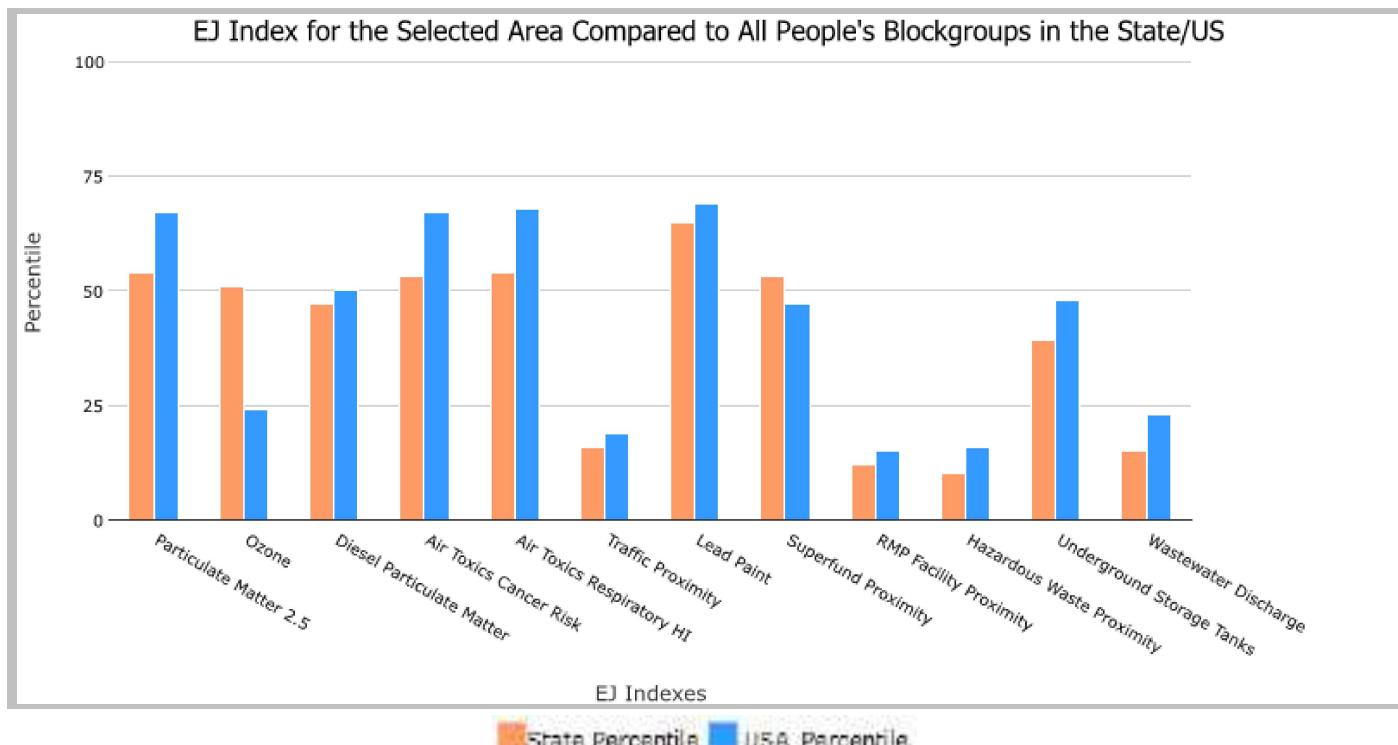
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Tract: 22047952600, LOUISIANA, EPA Region 6
Approximate Population: 2,437
Input Area (sq. miles): 89.34

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	54	67
EJ Index for Ozone	51	24
EJ Index for Diesel Particulate Matter*	47	50
EJ Index for Air Toxics Cancer Risk*	53	67
EJ Index for Air Toxics Respiratory HI*	54	68
EJ Index for Traffic Proximity	16	19
EJ Index for Lead Paint	65	69
EJ Index for Superfund Proximity	53	47
EJ Index for RMP Facility Proximity	12	15
EJ Index for Hazardous Waste Proximity	10	16
EJ Index for Underground Storage Tanks	39	48
EJ Index for Wastewater Discharge	15	23

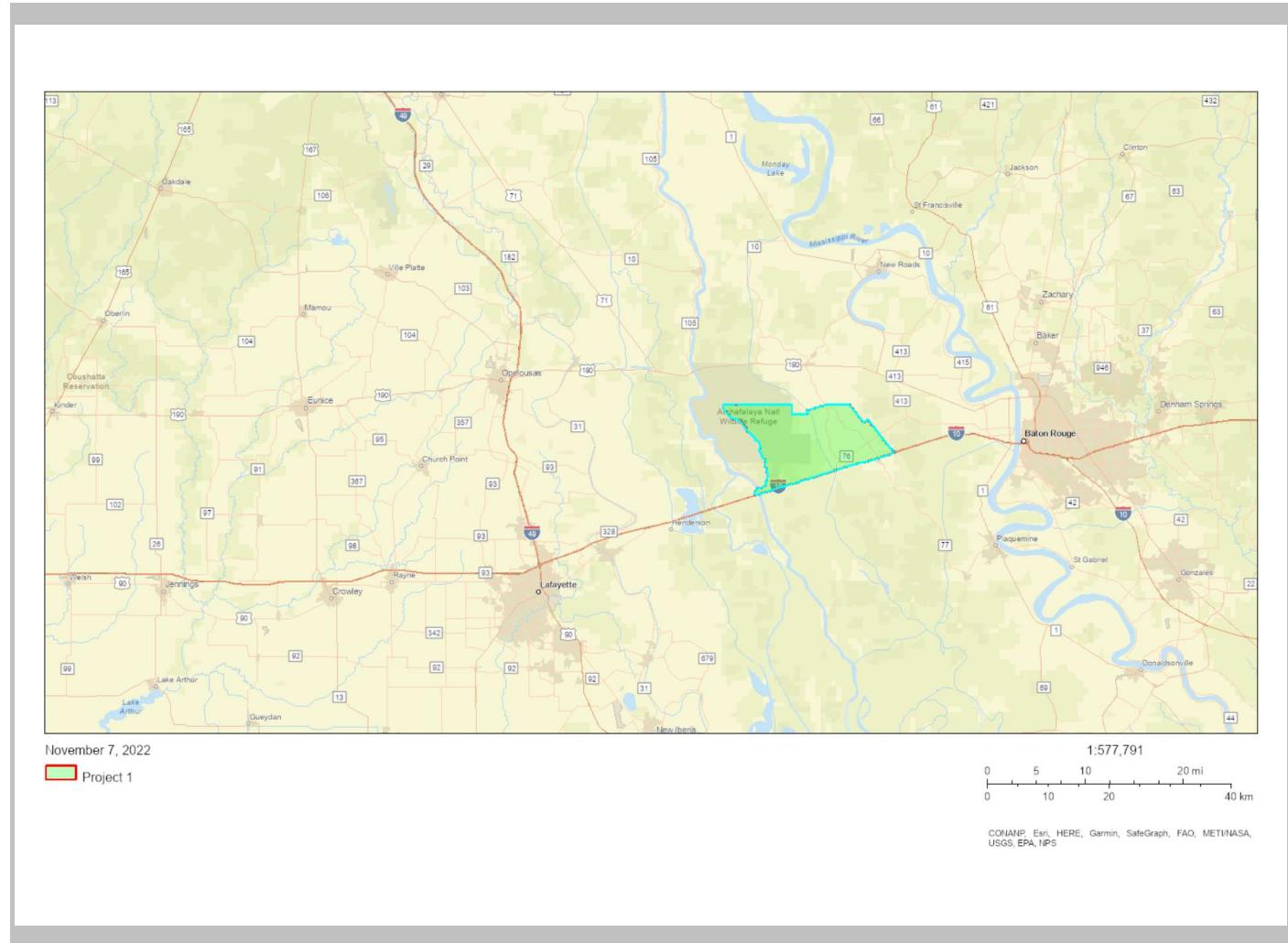


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Tract: 22047952600, LOUISIANA, EPA Region 6

Approximate Population: 2,437

Input Area (sq. miles): 89.34



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Tract: 22047952600, LOUISIANA, EPA Region 6

Approximate Population: 2,437

Input Area (sq. miles): 89.34

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m ³)	9.16	9.2	52	8.67	67
Ozone (ppb)	36.4	37	49	42.5	15
Diesel Particulate Matter* (µg/m ³)	0.193	0.297	42	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	40	40	83	28	95-100th
Air Toxics Respiratory HI*	0.5	0.45	90	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	48	640	25	760	23
Lead Paint (% Pre-1960 Housing)	0.34	0.2	76	0.27	61
Superfund Proximity (site count/km distance)	0.037	0.076	52	0.13	34
RMP Facility Proximity (facility count/km distance)	0.061	0.96	7	0.77	8
Hazardous Waste Proximity (facility count/km distance)	0.046	1.4	7	2.2	8
Underground Storage Tanks (count/km ²)	0.22	2.2	31	3.9	32
Wastewater Discharge (toxicity-weighted concentration/m distance)	4.4E-06	0.37	11	12	14
Socioeconomic Indicators					
Demographic Index	31%	41%	41	35%	52
People of Color	29%	42%	44	40%	49
Low Income	32%	38%	41	30%	58
Unemployment Rate	14%	7%	84	5%	90
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	21%	14%	73	12%	82
Under Age 5	3%	7%	35	6%	30
Over Age 64	21%	15%	74	16%	71

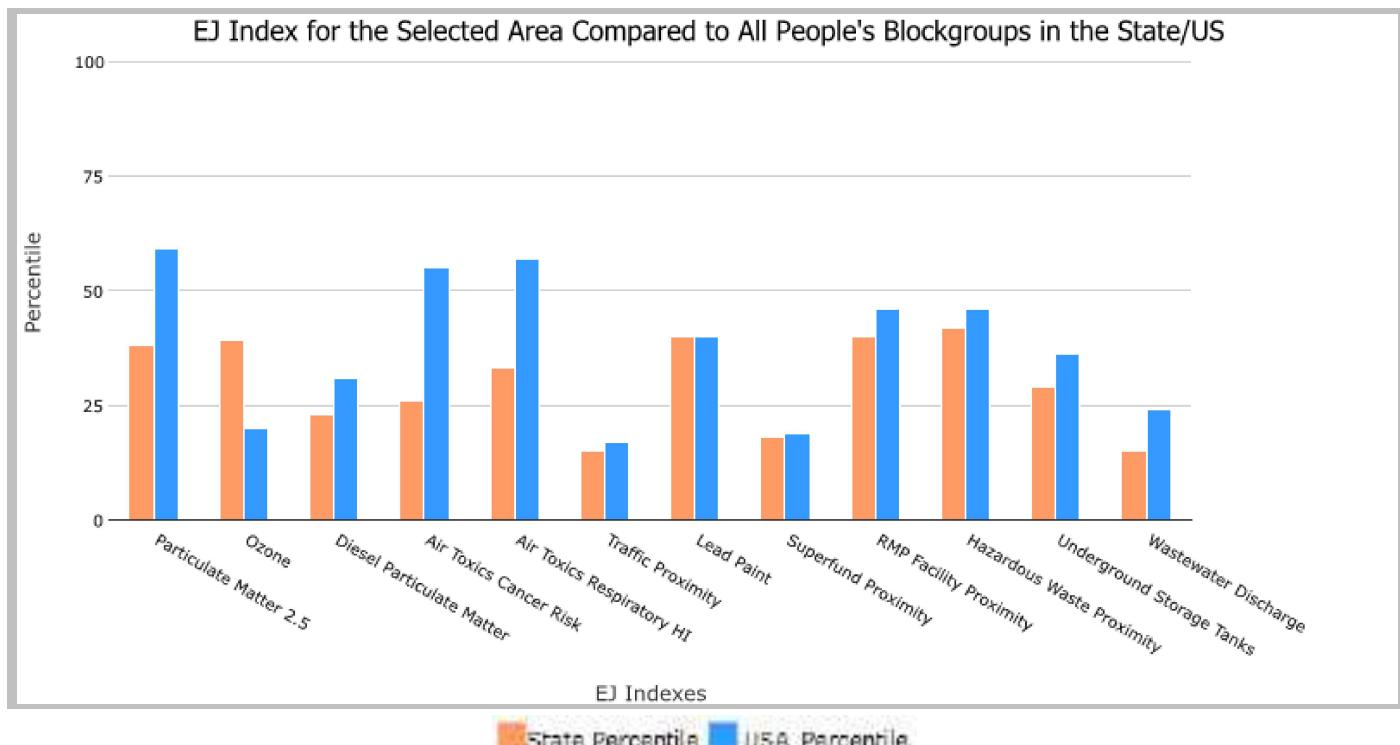
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Tract: 22099020101, LOUISIANA, EPA Region 6
Approximate Population: 2,853
Input Area (sq. miles): 133.92

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	38	59
EJ Index for Ozone	39	20
EJ Index for Diesel Particulate Matter*	23	31
EJ Index for Air Toxics Cancer Risk*	26	55
EJ Index for Air Toxics Respiratory HI*	33	57
EJ Index for Traffic Proximity	15	17
EJ Index for Lead Paint	40	40
EJ Index for Superfund Proximity	18	19
EJ Index for RMP Facility Proximity	40	46
EJ Index for Hazardous Waste Proximity	42	46
EJ Index for Underground Storage Tanks	29	36
EJ Index for Wastewater Discharge	15	24

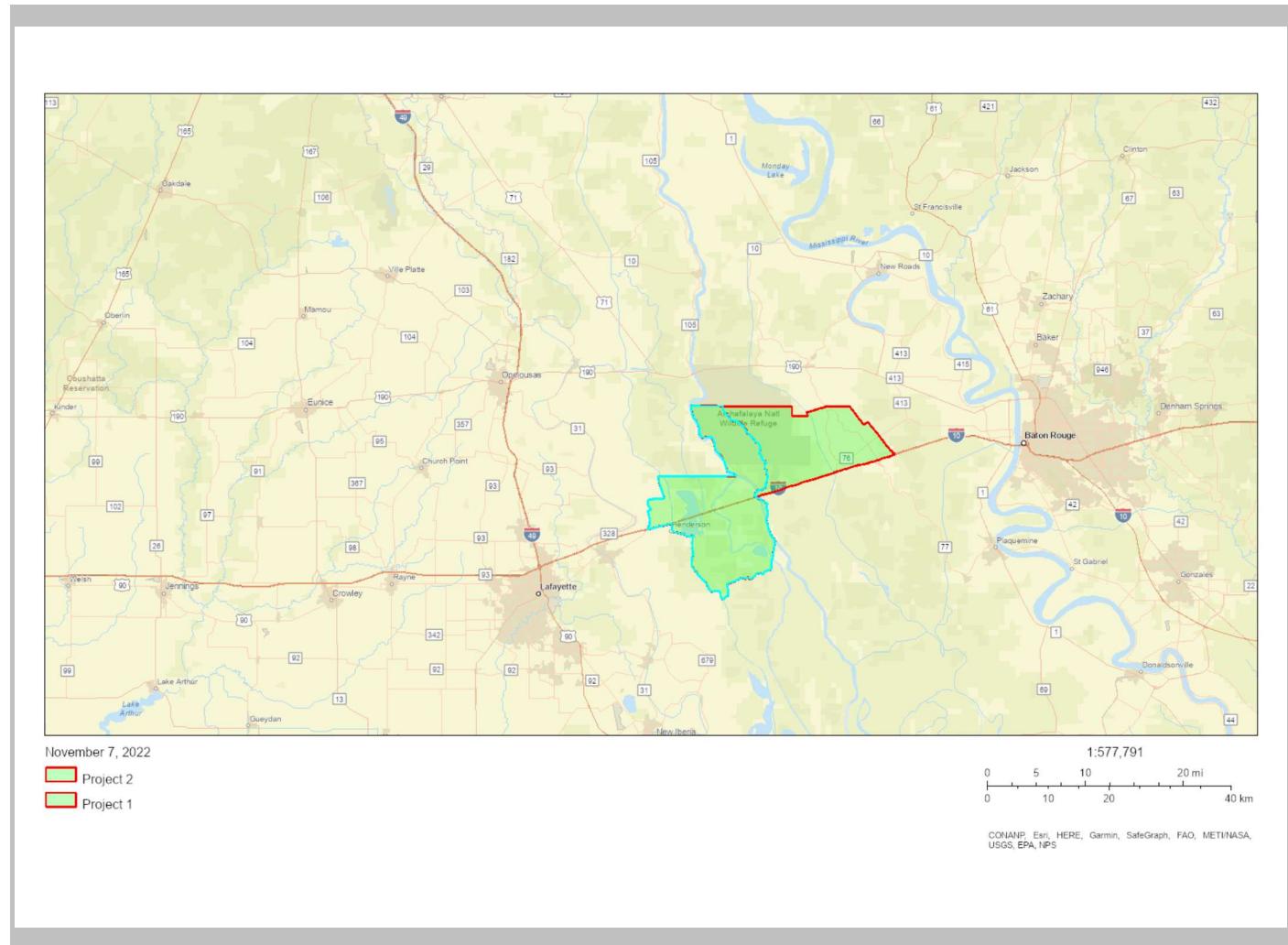


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Tract: 22099020101, LOUISIANA, EPA Region 6

Approximate Population: 2,853

Input Area (sq. miles): 133.92



Sites reporting to EPA

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	1

Tract: 22099020101, LOUISIANA, EPA Region 6

Approximate Population: 2,853

Input Area (sq. miles): 133.92

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	8.95	9.2	38	8.67	60
Ozone (ppb)	36.1	37	39	42.5	14
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.123	0.297	19	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	40	52	28	80-90th
Air Toxics Respiratory HI*	0.4	0.45	62	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	21	640	16	760	14
Lead Paint (% Pre-1960 Housing)	0.19	0.2	59	0.27	46
Superfund Proximity (site count/km distance)	0.017	0.076	17	0.13	14
RMP Facility Proximity (facility count/km distance)	0.25	0.96	43	0.77	45
Hazardous Waste Proximity (facility count/km distance)	0.47	1.4	45	2.2	43
Underground Storage Tanks (count/km ²)	0.88	2.2	49	3.9	46
Wastewater Discharge (toxicity-weighted concentration/m distance)	3.7E-05	0.37	19	12	25
Socioeconomic Indicators					
Demographic Index	26%	41%	34	35%	45
People of Color	10%	42%	21	40%	24
Low Income	42%	38%	56	30%	72
Unemployment Rate	2%	7%	41	5%	38
Limited English Speaking Households	2%	2%	82	5%	66
Less Than High School Education	13%	14%	52	12%	66
Under Age 5	2%	7%	31	6%	25
Over Age 64	13%	15%	47	16%	42

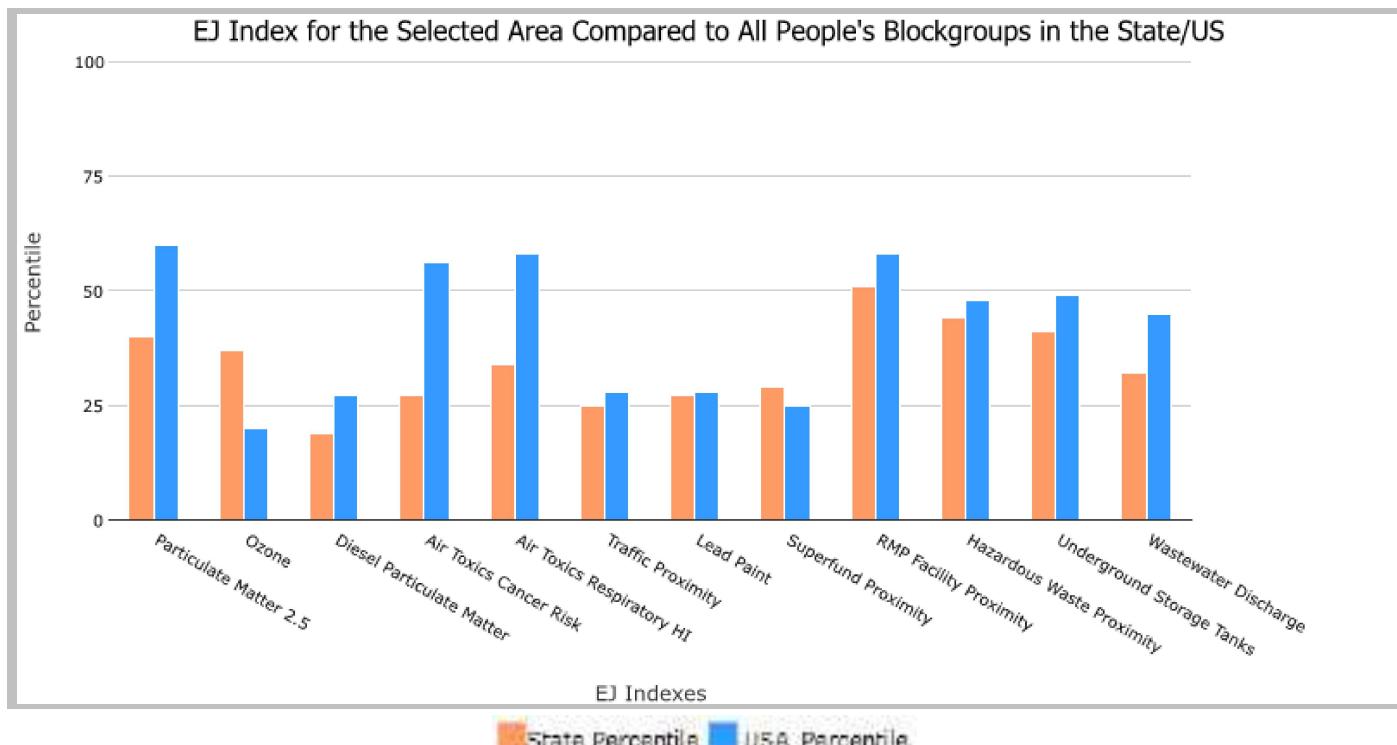
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Tract: 22097960400, LOUISIANA, EPA Region 6
Approximate Population: 1,669
Input Area (sq. miles): 154.39

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	40	60
EJ Index for Ozone	37	20
EJ Index for Diesel Particulate Matter*	19	27
EJ Index for Air Toxics Cancer Risk*	27	56
EJ Index for Air Toxics Respiratory HI*	34	58
EJ Index for Traffic Proximity	25	28
EJ Index for Lead Paint	27	28
EJ Index for Superfund Proximity	29	25
EJ Index for RMP Facility Proximity	51	58
EJ Index for Hazardous Waste Proximity	44	48
EJ Index for Underground Storage Tanks	41	49
EJ Index for Wastewater Discharge	32	45



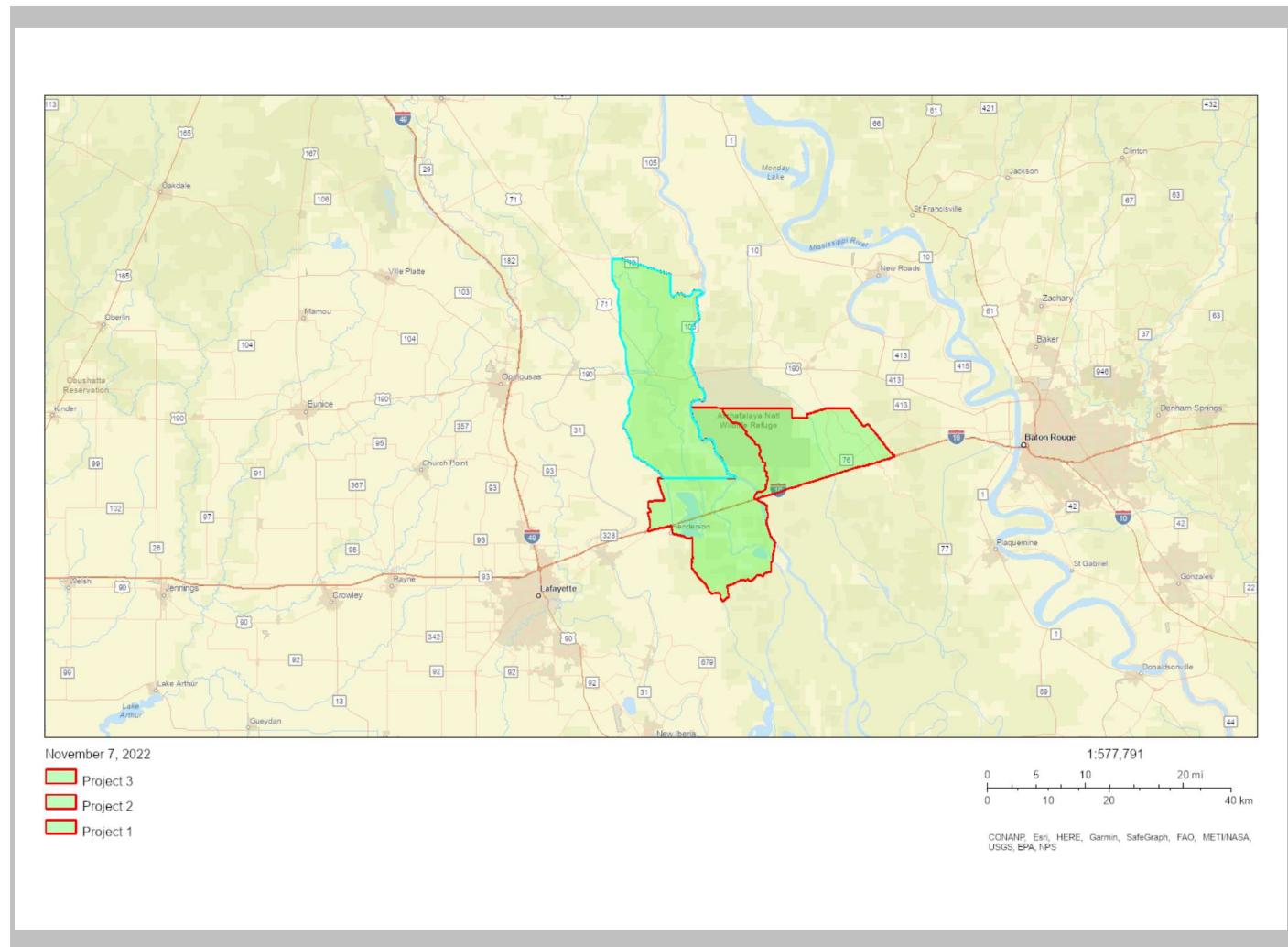
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EJScreen Report (Version 2.1)

Tract: 22097960400, LOUISIANA, EPA Region 6

Approximate Population: 1,669

Input Area (sq. miles): 154.39



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	1

Tract: 22097960400, LOUISIANA, EPA Region 6

Approximate Population: 1,669

Input Area (sq. miles): 154.39

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m ³)	8.98	9.2	40	8.67	61
Ozone (ppb)	36.1	37	36	42.5	14
Diesel Particulate Matter* (µg/m ³)	0.11	0.297	15	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	40	52	28	80-90th
Air Toxics Respiratory HI*	0.4	0.45	62	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	65	640	29	760	27
Lead Paint (% Pre-1960 Housing)	0.043	0.2	27	0.27	24
Superfund Proximity (site count/km distance)	0.019	0.076	27	0.13	17
RMP Facility Proximity (facility count/km distance)	0.52	0.96	55	0.77	59
Hazardous Waste Proximity (facility count/km distance)	0.46	1.4	45	2.2	43
Underground Storage Tanks (count/km ²)	0.72	2.2	46	3.9	43
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00027	0.37	30	12	38
Socioeconomic Indicators					
Demographic Index	27%	41%	35	35%	46
People of Color	1%	42%	0	40%	4
Low Income	54%	38%	71	30%	83
Unemployment Rate	7%	7%	66	5%	72
Limited English Speaking Households	1%	2%	78	5%	59
Less Than High School Education	26%	14%	82	12%	88
Under Age 5	1%	7%	22	6%	16
Over Age 64	15%	15%	55	16%	50

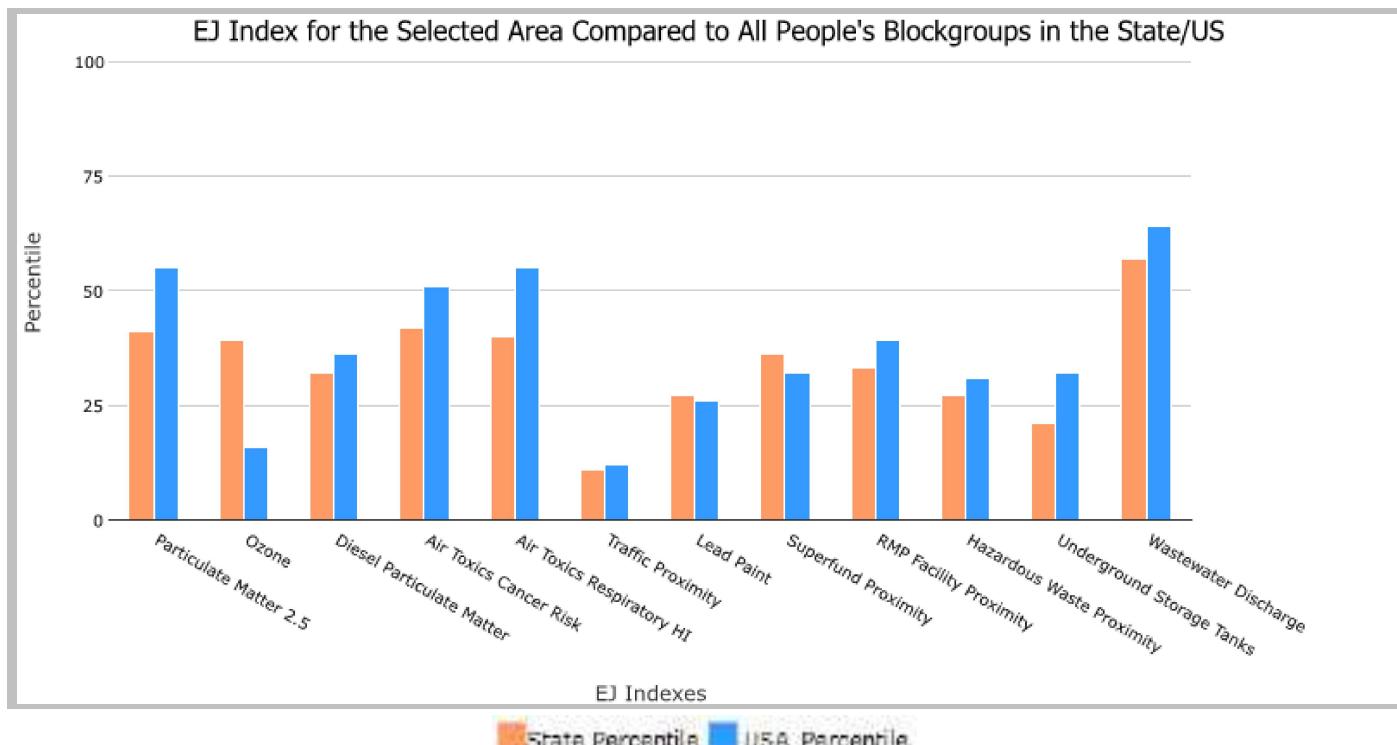
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Tract: 22047952701, LOUISIANA, EPA Region 6
Approximate Population: 2,976
Input Area (sq. miles): 207.56

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
EJ Index for Particulate Matter 2.5	41	55
EJ Index for Ozone	39	16
EJ Index for Diesel Particulate Matter*	32	36
EJ Index for Air Toxics Cancer Risk*	42	51
EJ Index for Air Toxics Respiratory HI*	40	55
EJ Index for Traffic Proximity	11	12
EJ Index for Lead Paint	27	26
EJ Index for Superfund Proximity	36	32
EJ Index for RMP Facility Proximity	33	39
EJ Index for Hazardous Waste Proximity	27	31
EJ Index for Underground Storage Tanks	21	32
EJ Index for Wastewater Discharge	57	64

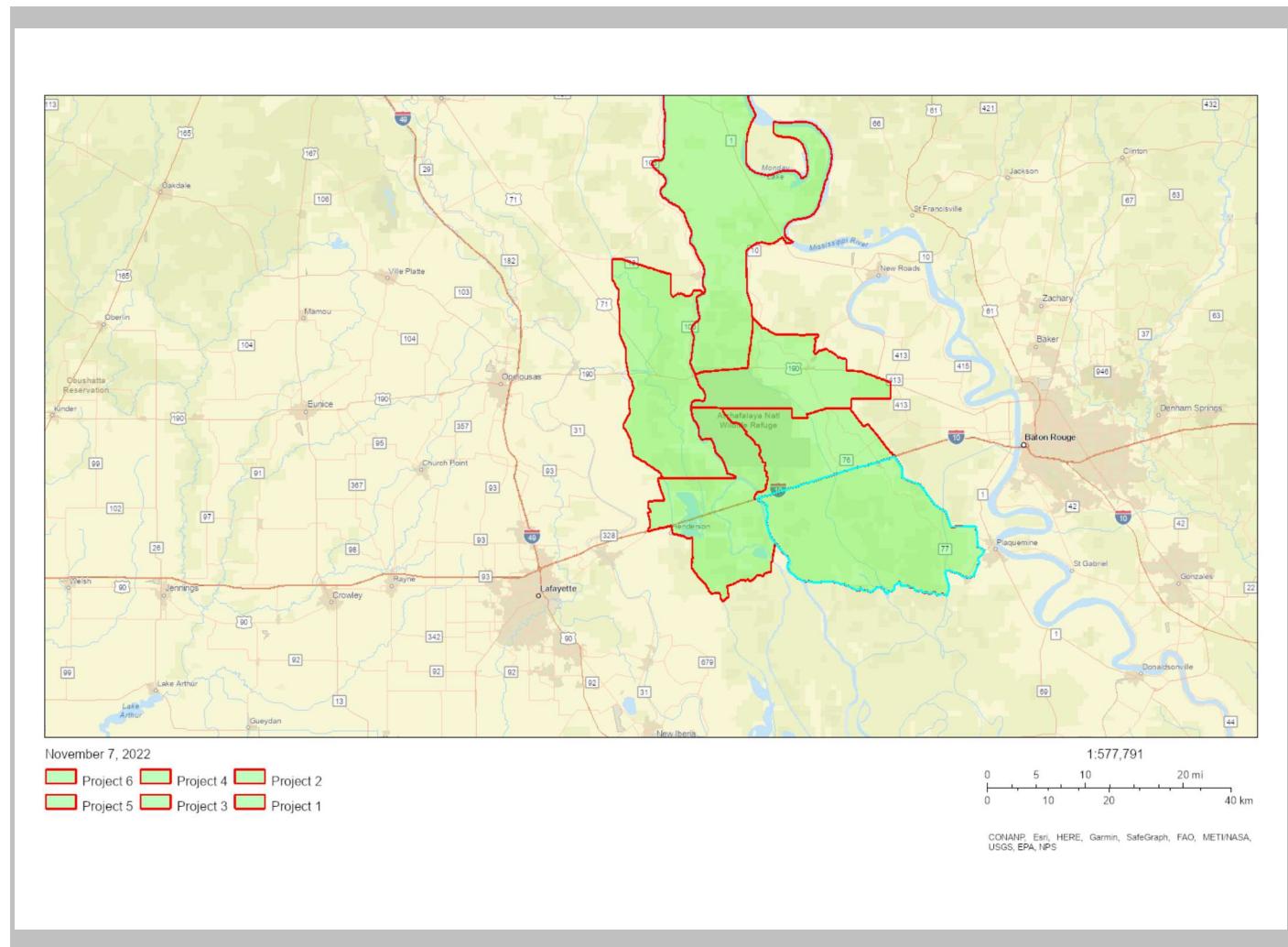


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Tract: 22047952701, LOUISIANA, EPA Region 6

Approximate Population: 2,976

Input Area (sq. miles): 207.56



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Tract: 22047952701, LOUISIANA, EPA Region 6

Approximate Population: 2,976

Input Area (sq. miles): 207.56

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	9.26	9.2	56	8.67	70
Ozone (ppb)	36.6	37	50	42.5	15
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.179	0.297	39	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	80	40	98	28	95-100th
Air Toxics Respiratory HI*	0.7	0.45	98	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	29	640	19	760	17
Lead Paint (% Pre-1960 Housing)	0.09	0.2	40	0.27	33
Superfund Proximity (site count/km distance)	0.033	0.076	48	0.13	30
RMP Facility Proximity (facility count/km distance)	0.23	0.96	41	0.77	43
Hazardous Waste Proximity (facility count/km distance)	0.15	1.4	28	2.2	26
Underground Storage Tanks (count/km ²)	0.044	2.2	20	3.9	25
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.55	0.37	94	12	91
Socioeconomic Indicators					
Demographic Index	20%	41%	24	35%	33
People of Color	21%	42%	35	40%	40
Low Income	19%	38%	22	30%	35
Unemployment Rate	7%	7%	66	5%	72
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	14%	14%	56	12%	69
Under Age 5	1%	7%	22	6%	15
Over Age 64	20%	15%	71	16%	68

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

For additional information, see: www.epa.gov/environmentaljustice

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Appendix EJ-B

COUNTY PROFILE: Pointe Coupee Parish, Louisiana

US COUNTY PERFORMANCE

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (<http://vizhub.healthdata.org/subnational/usa>).

FINDINGS: LIFE EXPECTANCY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	79.0	78.6	81.5	2231	+4.7
Male	72.6	73.1	76.7	2609	+6.2

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

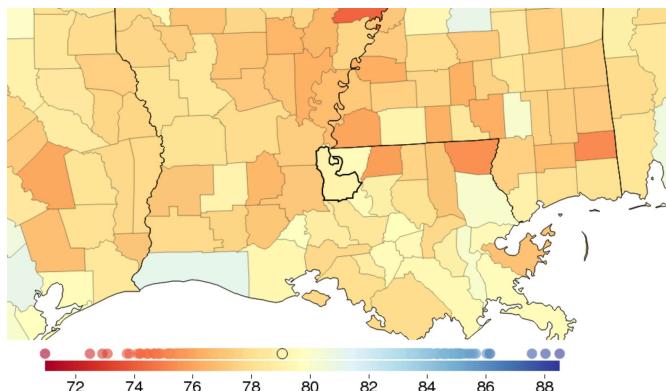
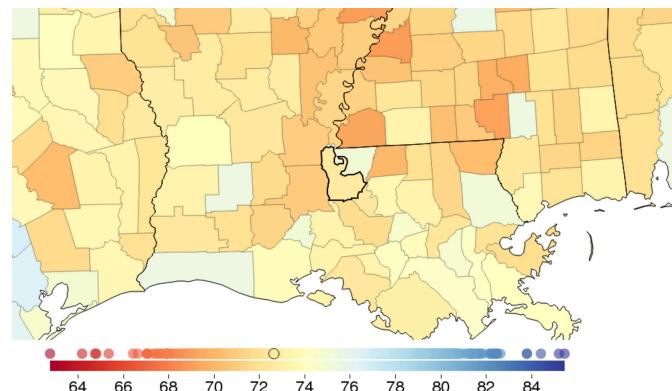


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	795.2	817.9	667.8	2169	-18.4
Male	1177.8	1161.0	930.1	2443	-20.7

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014

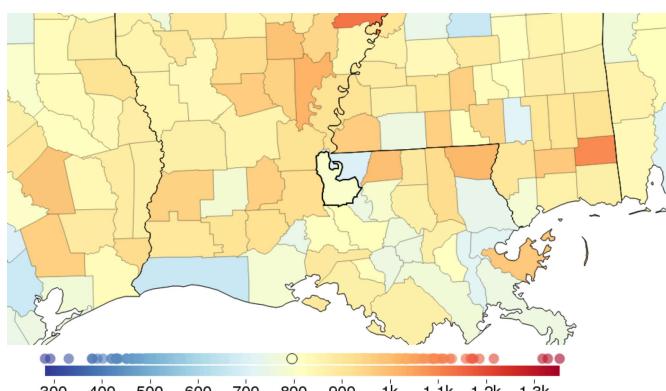
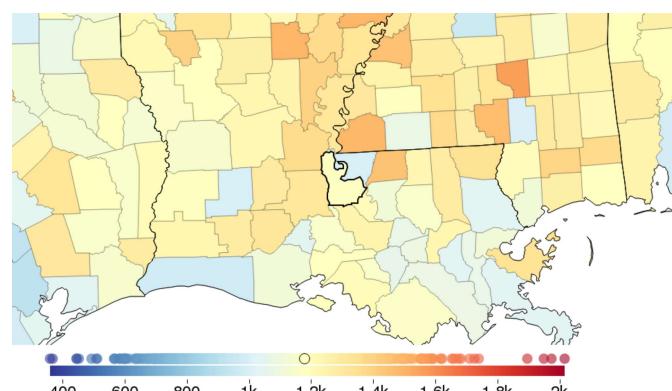


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female		179.7	149.8	124.9	2656
Male		281.8	234.0	191.5	2771

rate per 100,000 population, age-standardized, 2014

Fig. 5: Female ischemic heart disease, 2014

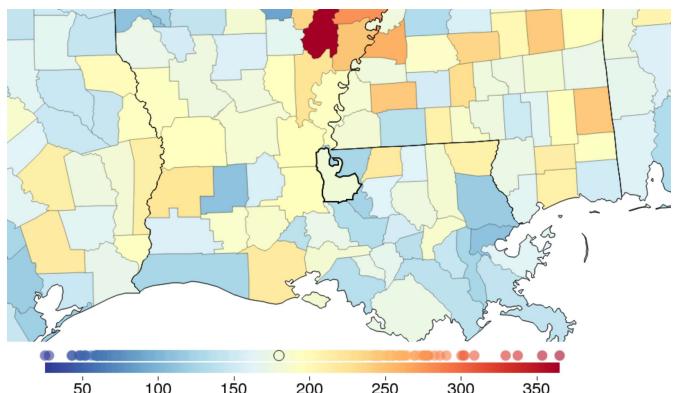
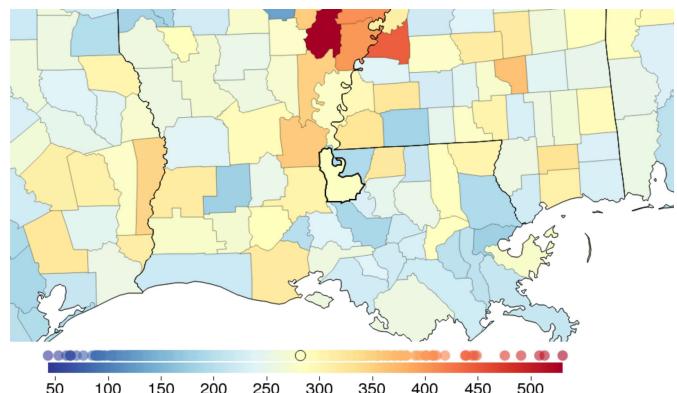


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female		47.5	53.5	47.4	1095
Male		62.9	56.9	48.8	2564

rate per 100,000 population, age-standardized, 2014

Fig. 7: Female cerebrovascular disease (stroke), 2014

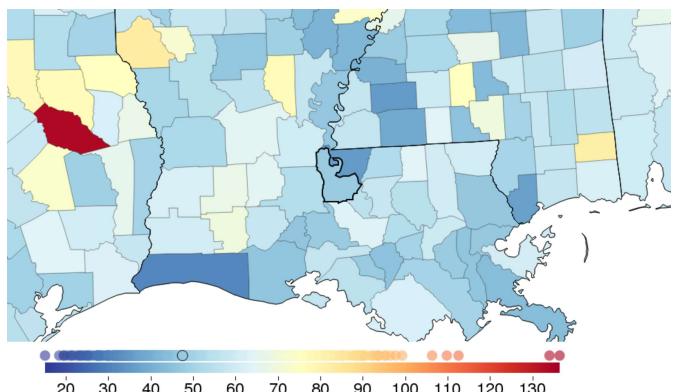
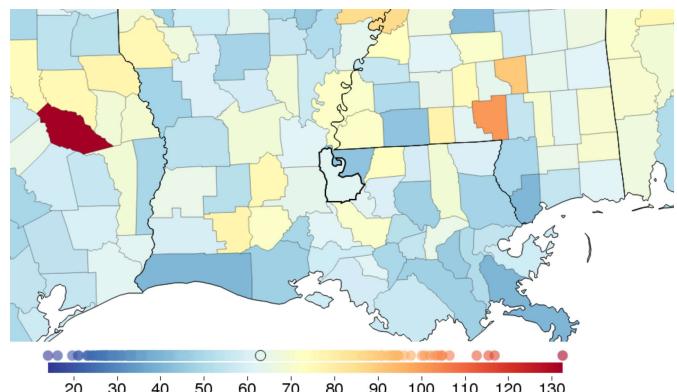


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	44.0	50.3	43.8	1202	+41.2
Male	93.0	89.7	67.6	2222	-27.7

rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014

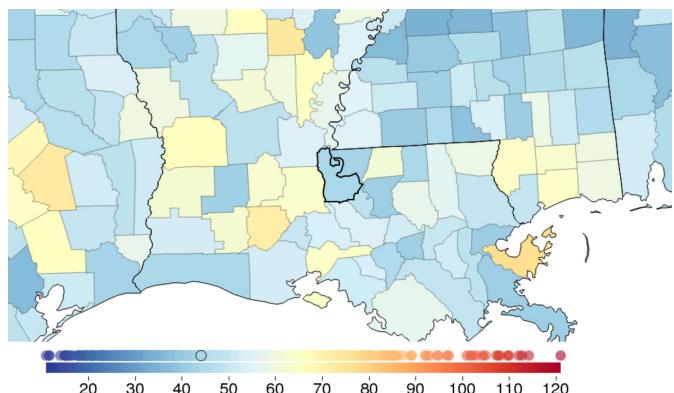
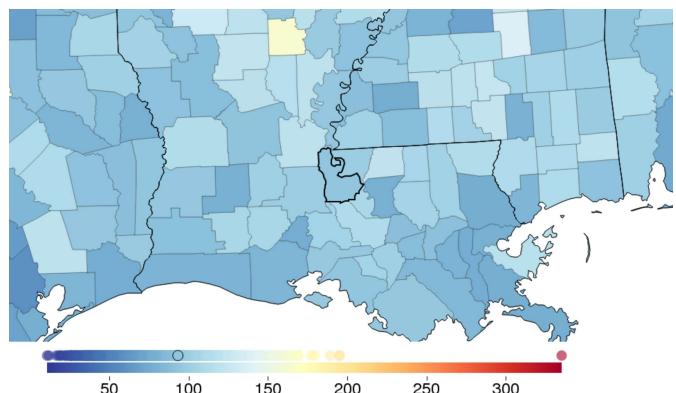


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



FINDINGS: BREAST CANCER

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	31.5	31.7	25.9	2833	-2.8
Male	0.5	0.5	0.3	2960	-12.2

rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014

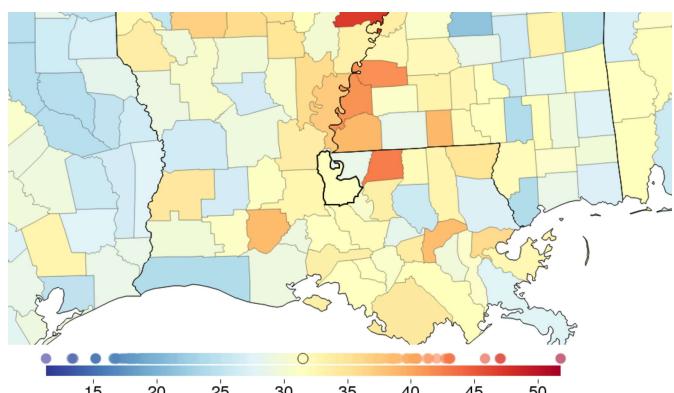
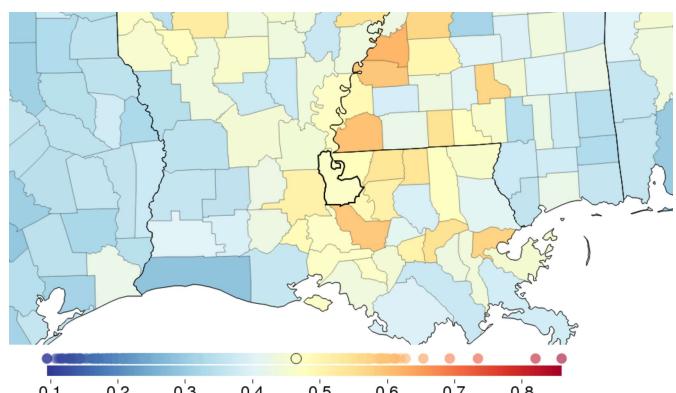


Fig. 12: Male breast cancer, 2014



FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	1.5	1.5	1.9	185	-13.0
Male	3.8	3.7	4.5	457	+44.0

rate per 100,000 population, age-standardized, 2014

Fig. 13: Female malignant skin melanoma, 2014

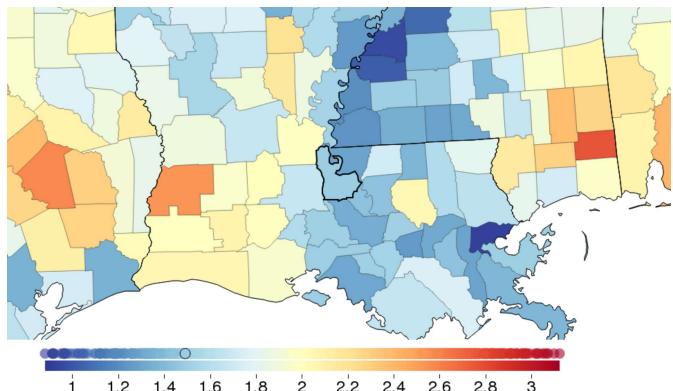
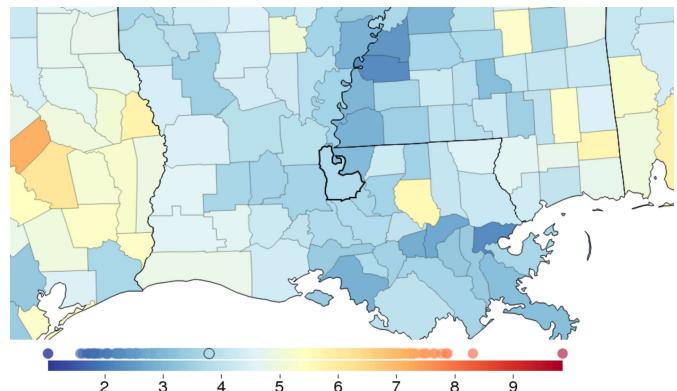


Fig. 14: Male malignant skin melanoma, 2014



FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	64.0	73.7	49.6	2215	-26.9
Male	68.5	88.9	63.8	1653	-7.5

rate per 100,000 population, age-standardized, 2014

Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014

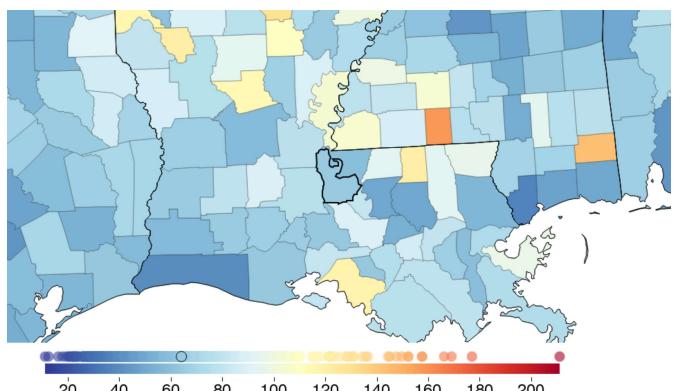
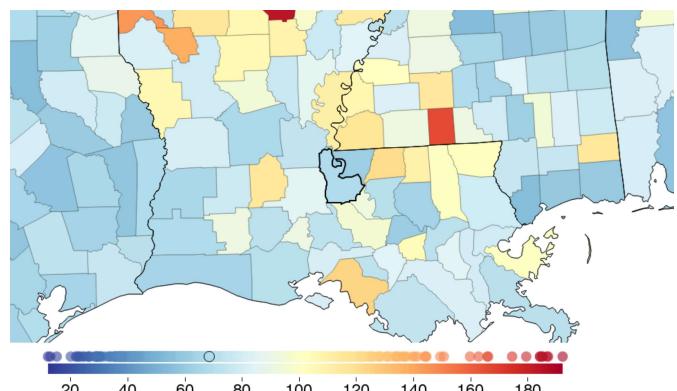


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	9.7	11.8	9.0	1652	-23.2
Male	46.2	44.0	30.9	2769	+5.1

rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014

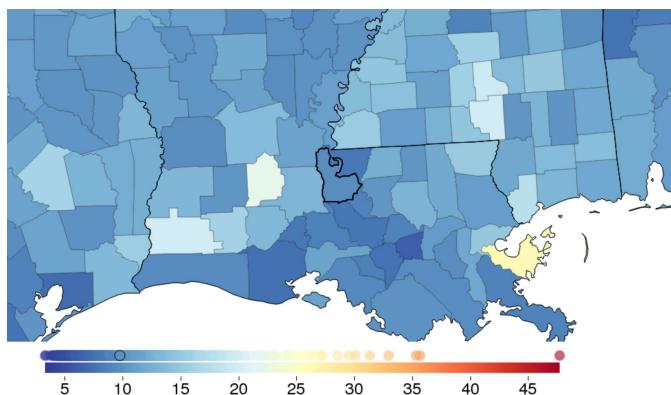
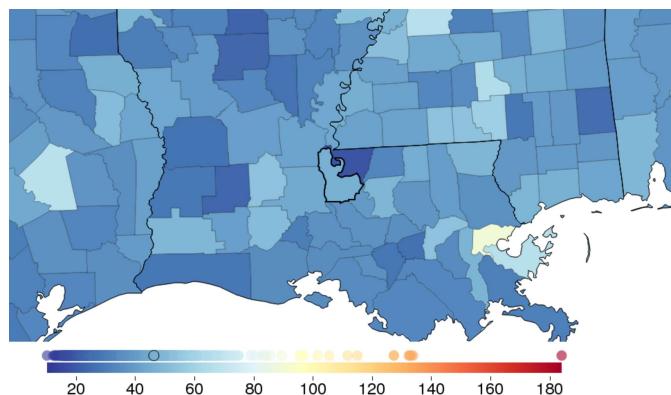


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	20.0	12.7	8.1	2682	+7.0
Male	46.2	32.0	19.8	2695	-21.6

rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014

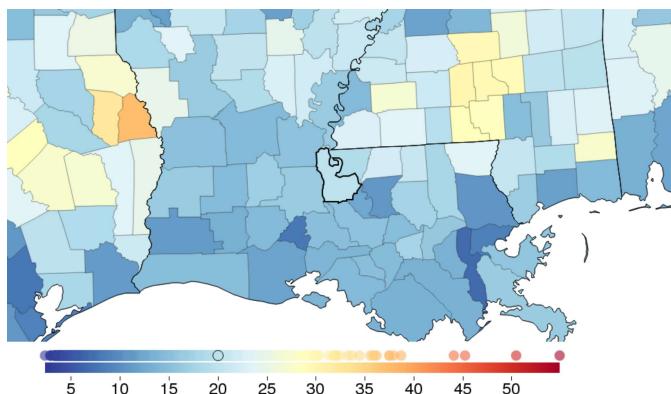
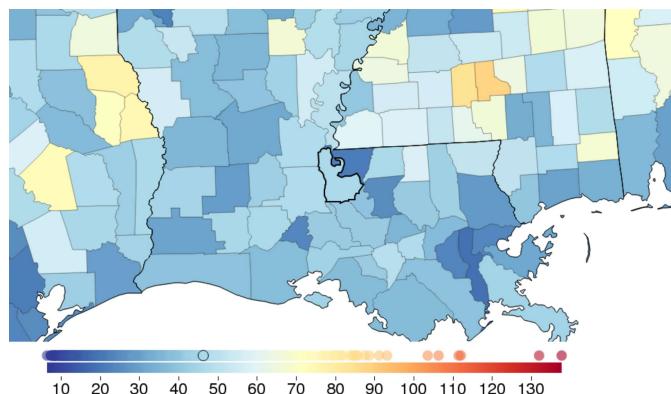


Fig. 20: Male transport injuries mortality, 2014



FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	6.7	9.6	8.2	1179	+442.8
Male	14.1	21.6	18.7	1327	+255.4

rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

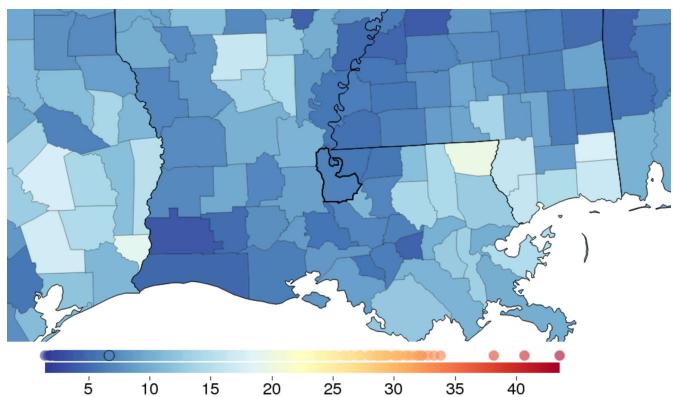
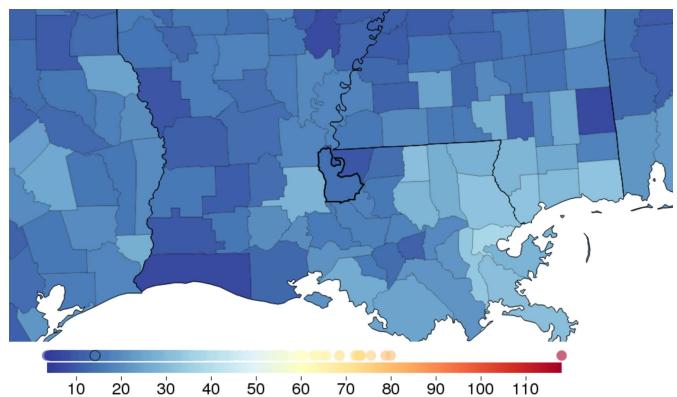


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1980-2014
Female	11.4	12.9	11.8	1200	+12.0
Male	27.8	26.0	22.2	2359	+16.3

rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

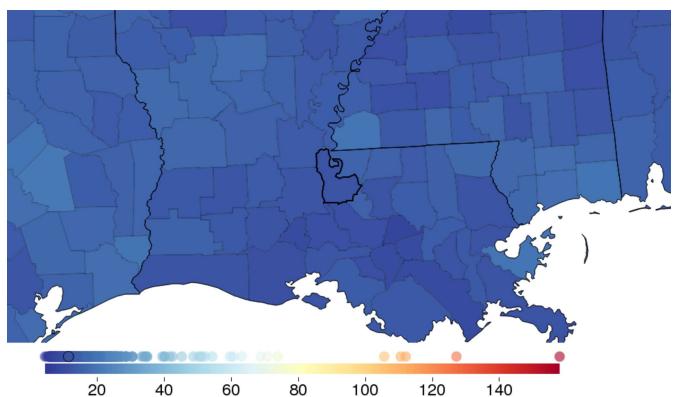
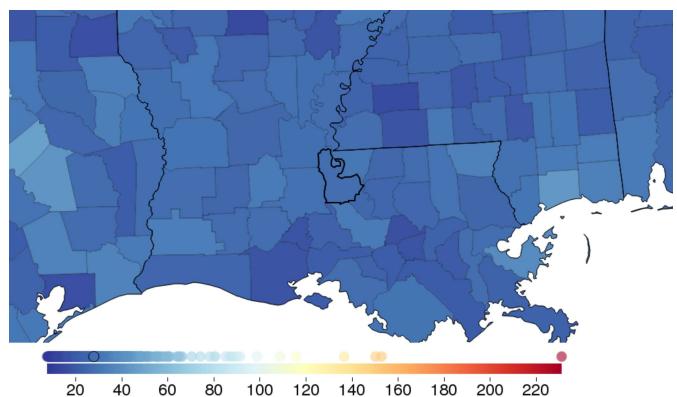


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



FINDINGS: HEAVY DRINKING

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 2005-2012
Female	7.5	6.1	6.7	2452	+109.3
Male	14.7	10.9	9.9	2879	+46.9

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

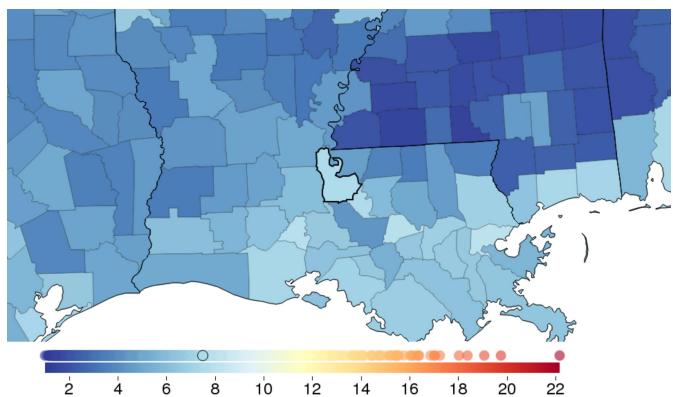
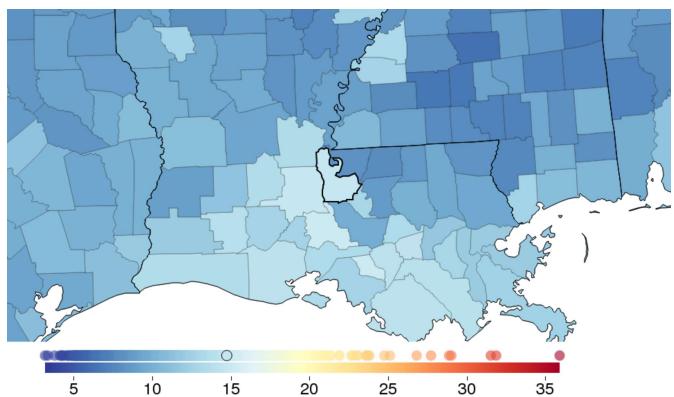


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 2002-2012
Female	14.6	11.3	12.4	2427	+45.7
Male	31.7	25.4	24.5	2712	+24.1

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

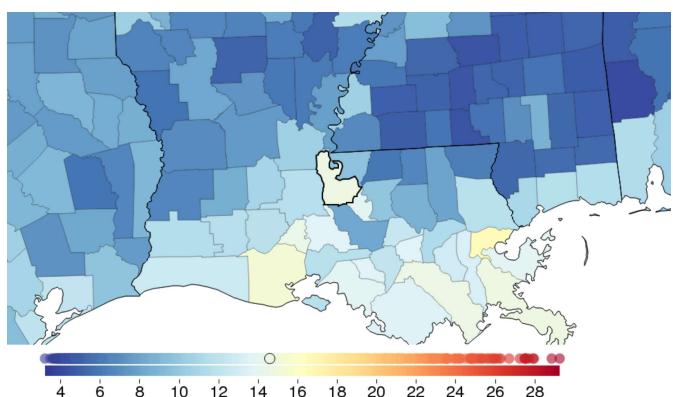
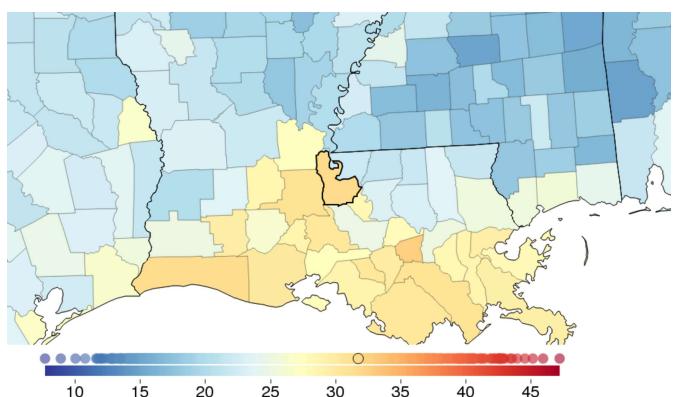


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 1996-2012
Female	24.1	22.1	17.9	2268	+8.5
Male	30.5	27.9	22.2	2771	-3.6

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

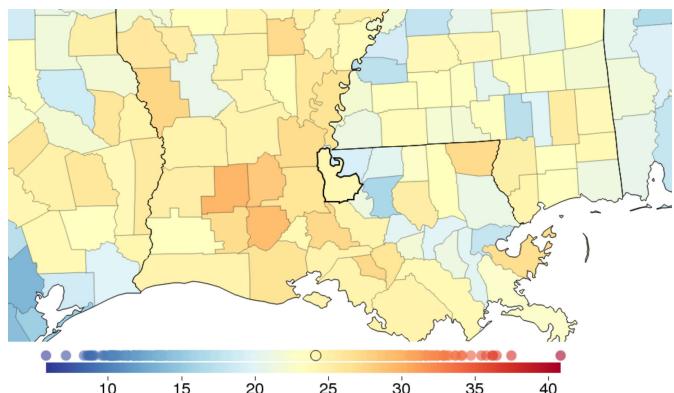
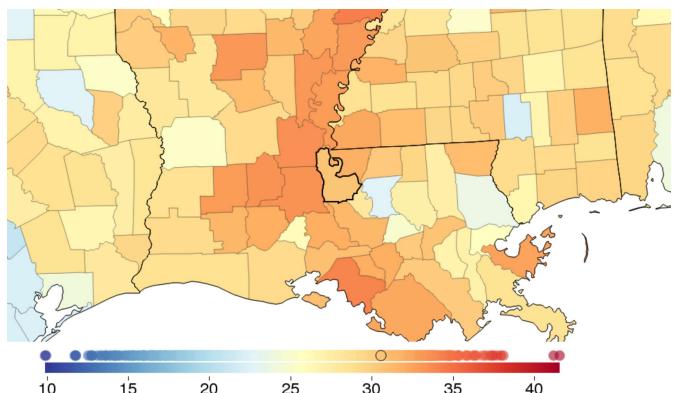


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 2001-2011
Female	45.4	41.7	36.1	2791	+22.5
Male	41.7	39.4	33.8	2921	+28.9

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

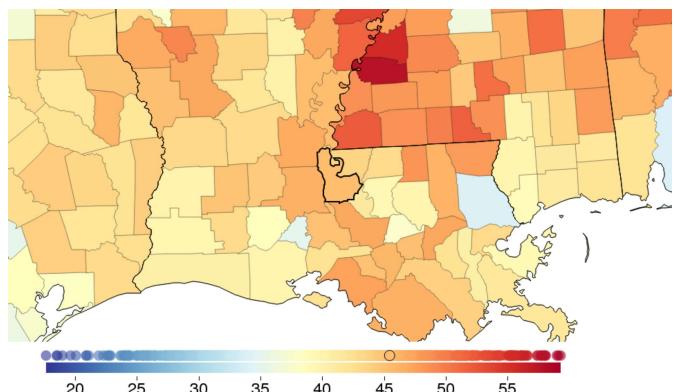
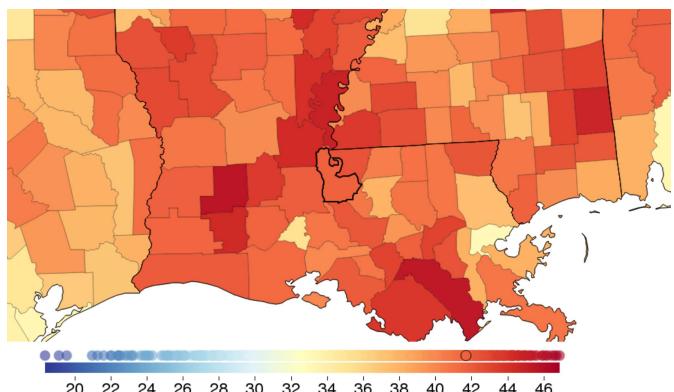


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Pointe Coupee Parish	Louisiana	National	National rank	% change 2001-2011
Female		42.5	42.8	52.6	2605
Male		46.0	49.8	56.3	2751

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

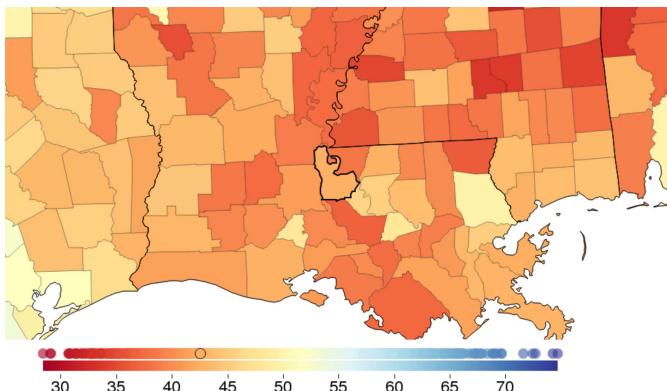
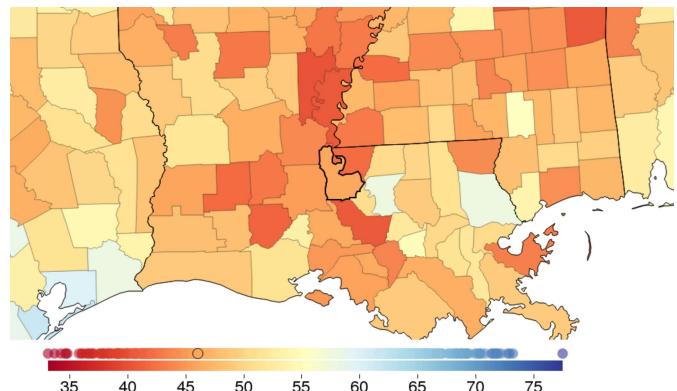


Fig. 34: Male recommended physical activity, 2011



CITATION:

Institute for Health Metrics and Evaluation (IHME),
US County Profile: Pointe Coupee Parish, Louisiana.
Seattle, WA: IHME, 2016.

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www.healthdata.org



COUNTY PROFILE: Saint Landry Parish, Louisiana

US COUNTY PERFORMANCE

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (<http://vizhub.healthdata.org/subnational/usa>).

FINDINGS: LIFE EXPECTANCY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	77.1	78.6	81.5	2928	+2.6
Male	71.0	73.1	76.7	2963	+6.4

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

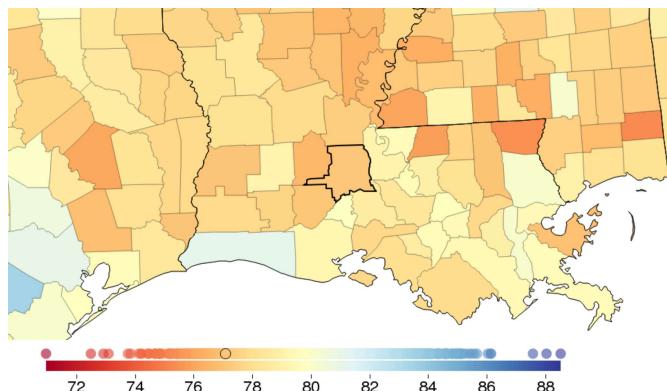
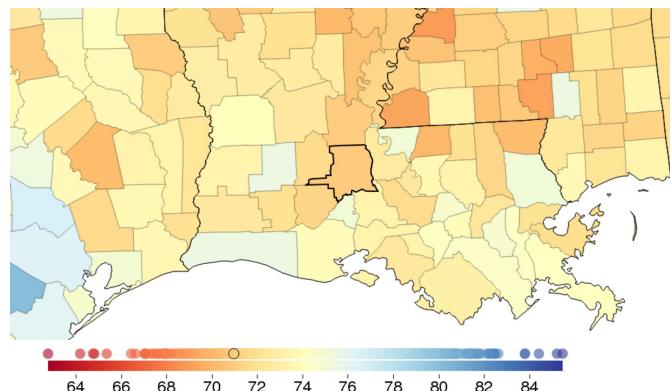


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	922.8	817.9	667.8	2906	-6.2
Male	1310.6	1161.0	930.1	2884	-20.0

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014

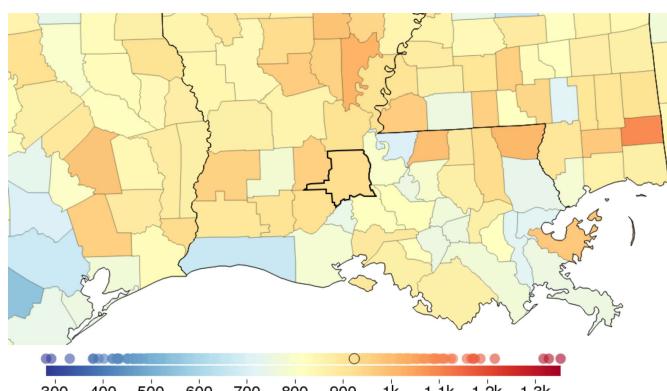
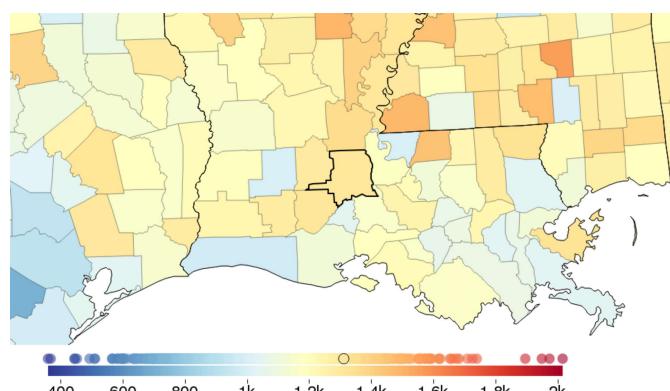


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	196.7	149.8	124.9	2868	-36.1
Male	307.4	234.0	191.5	2942	-39.2

rate per 100,000 population, age-standardized, 2014

Fig. 5: Female ischemic heart disease, 2014

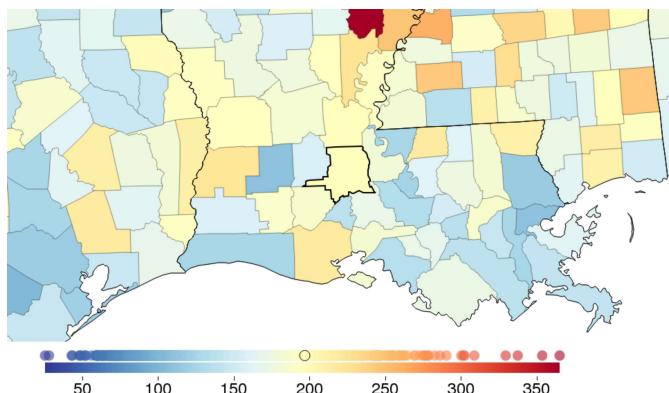
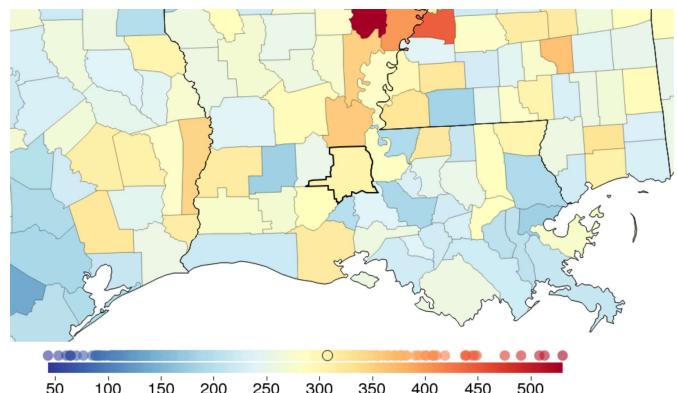


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	53.8	53.5	47.4	1849	-52.0
Male	63.8	56.9	48.8	2616	-45.6

rate per 100,000 population, age-standardized, 2014

Fig. 7: Female cerebrovascular disease (stroke), 2014

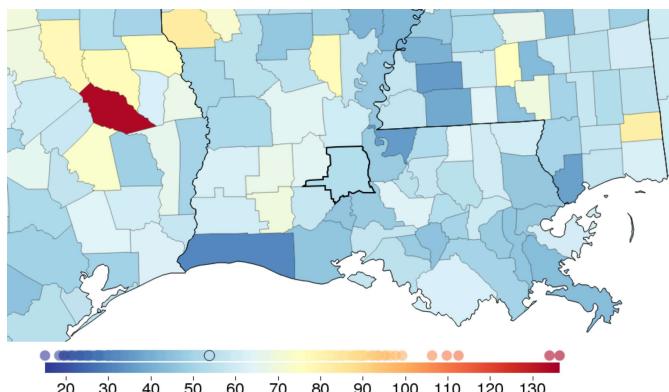
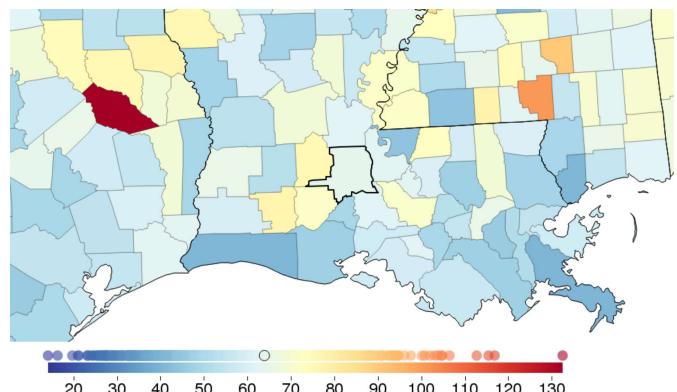


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	63.8	50.3	43.8	2835	+75.1
Male	99.4	89.7	67.6	2436	-28.5

rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014

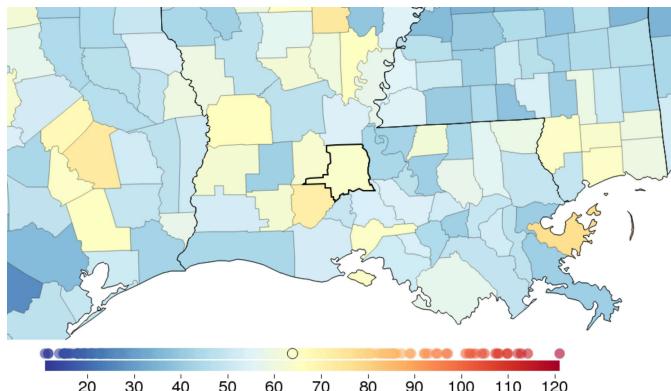
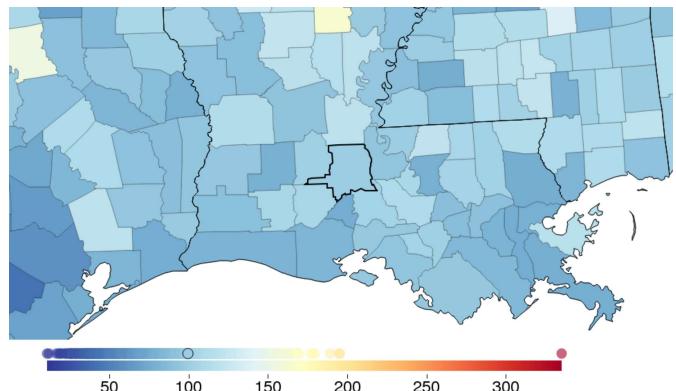


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



FINDINGS: BREAST CANCER

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	32.7	31.7	25.9	2940	+4.6
Male	0.5	0.5	0.3	3047	-5.7

rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014

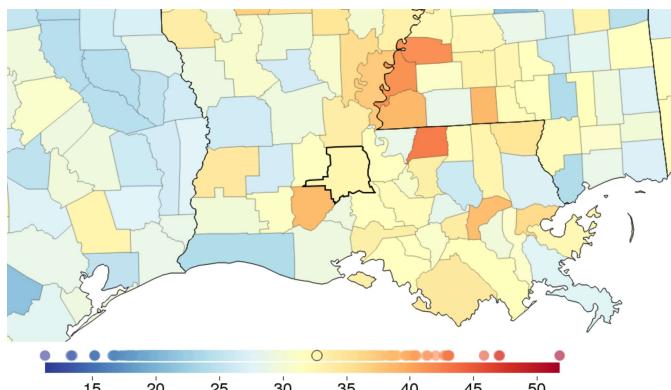
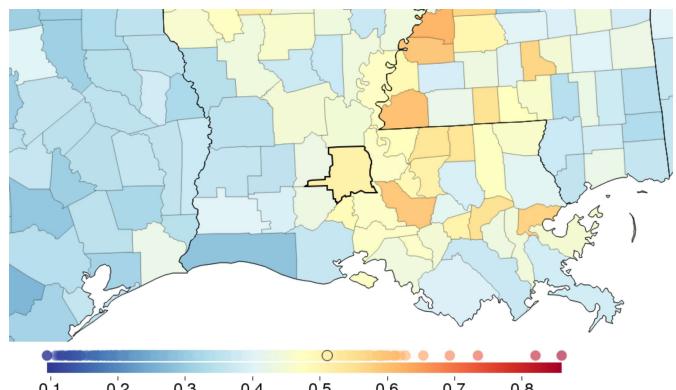


Fig. 12: Male breast cancer, 2014



FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	1.7	1.5	1.9	388	-11.2
Male	3.6	3.7	4.5	309	+23.6

rate per 100,000 population, age-standardized, 2014

Fig. 13: Female malignant skin melanoma, 2014

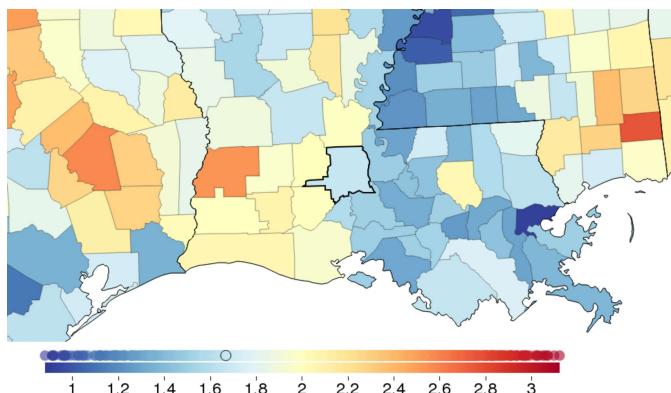
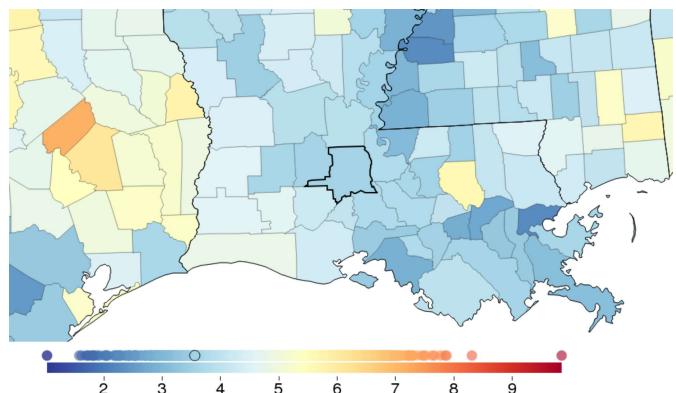


Fig. 14: Male malignant skin melanoma, 2014



FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	75.5	73.7	49.6	2734	-0.8
Male	86.0	88.9	63.8	2607	+10.0

rate per 100,000 population, age-standardized, 2014

Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014

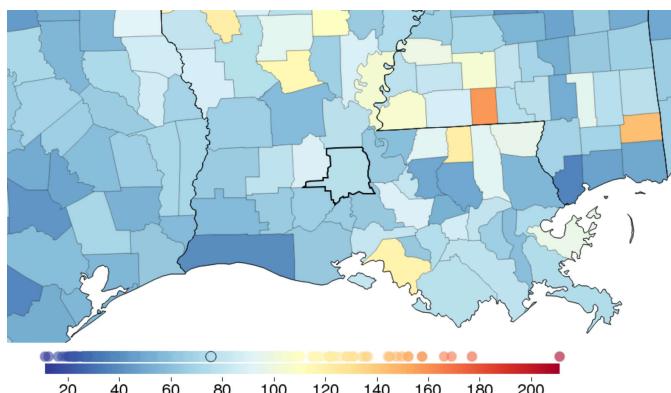
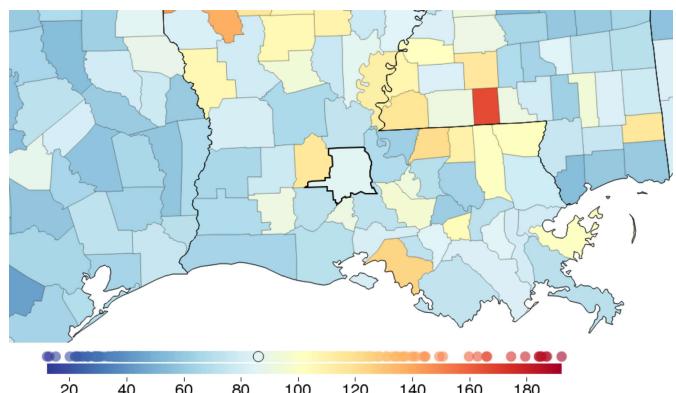


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	13.0	11.8	9.0	2630	-13.3
Male	44.0	44.0	30.9	2669	-17.2

rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014

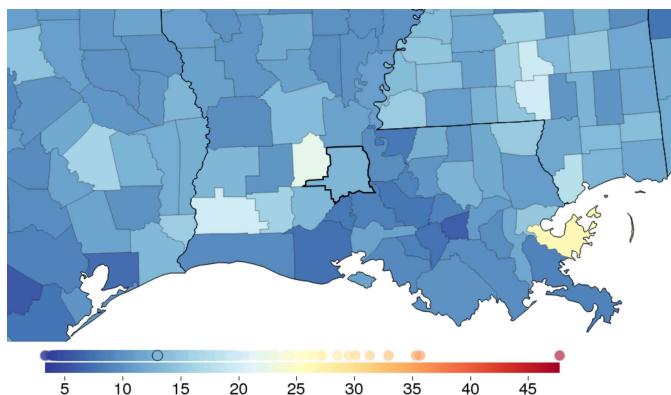
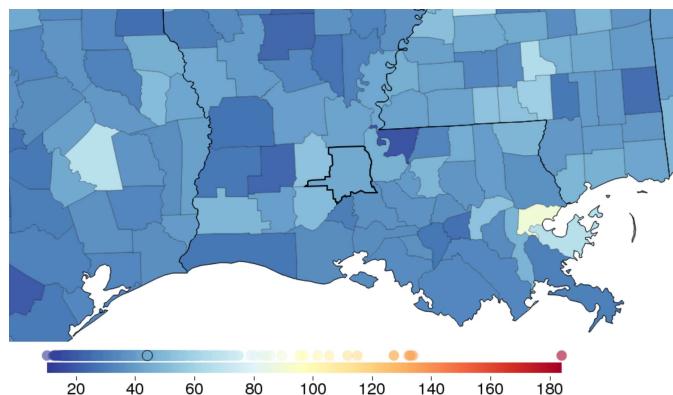


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	16.4	12.7	8.1	2178	+0.1
Male	47.4	32.0	19.8	2756	-17.7

rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014

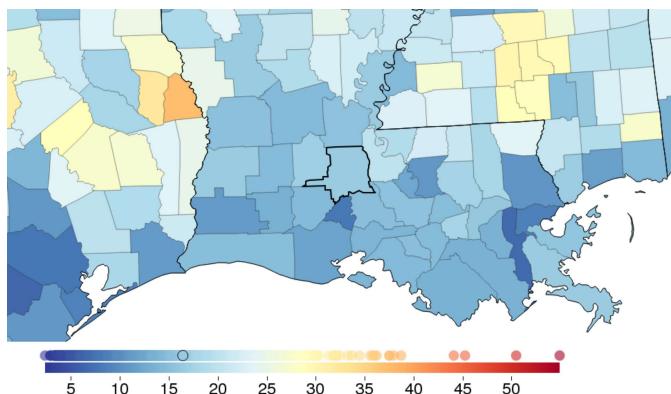
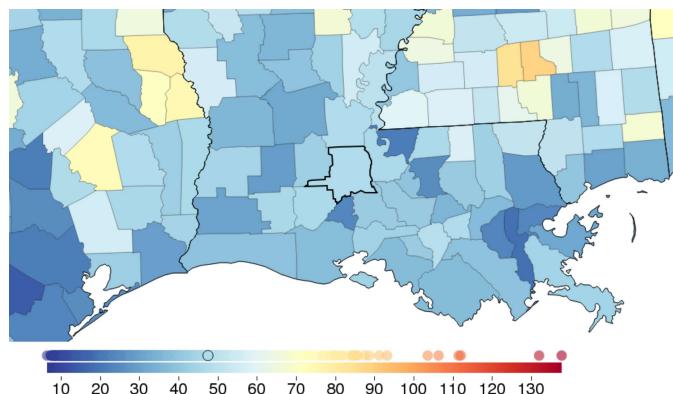


Fig. 20: Male transport injuries mortality, 2014



FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	9.0	9.6	8.2	1894	+515.2
Male	28.3	21.6	18.7	2808	+373.4

rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

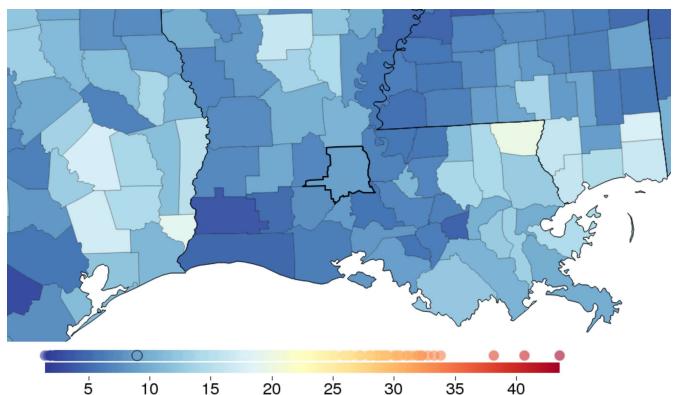
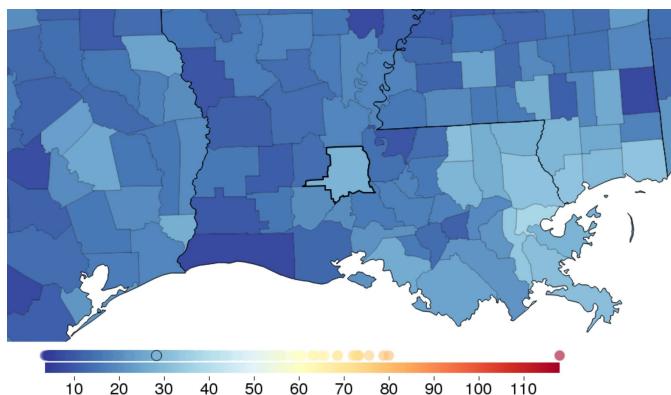


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1980-2014
Female	12.5	12.9	11.8	1642	+32.6
Male	28.5	26.0	22.2	2430	+5.3

rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

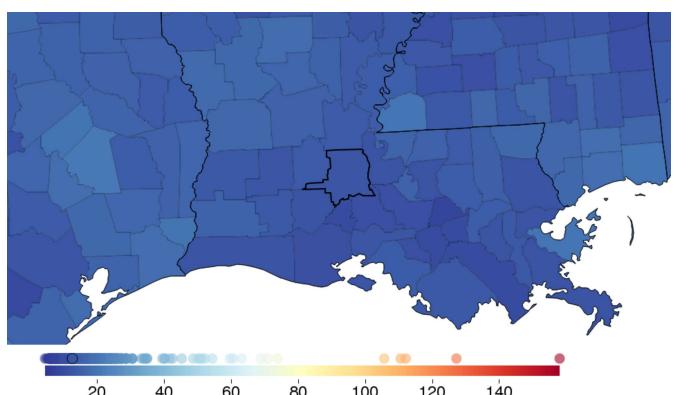
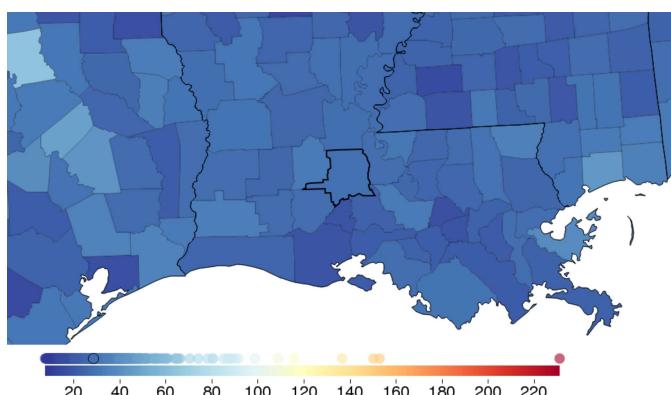


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



FINDINGS: HEAVY DRINKING

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 2005-2012
Female	6.1	6.1	6.7	1928	+63.5
Male	14.7	10.9	9.9	2877	+39.7

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

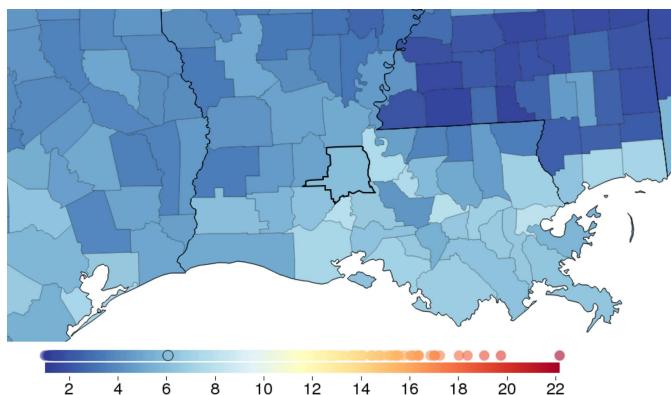
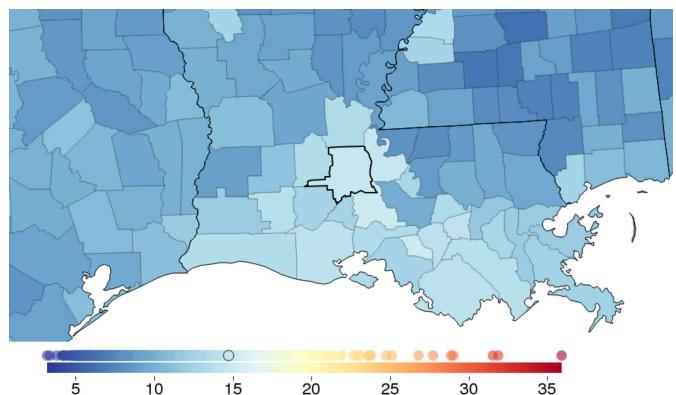


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 2002-2012
Female	11.6	11.3	12.4	1747	+5.1
Male	31.0	25.4	24.5	2642	+19.1

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

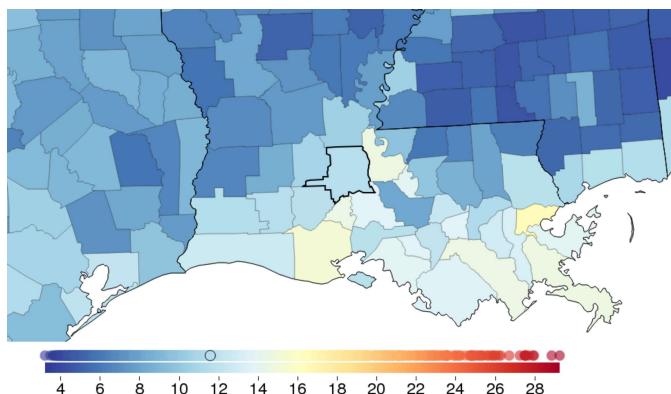
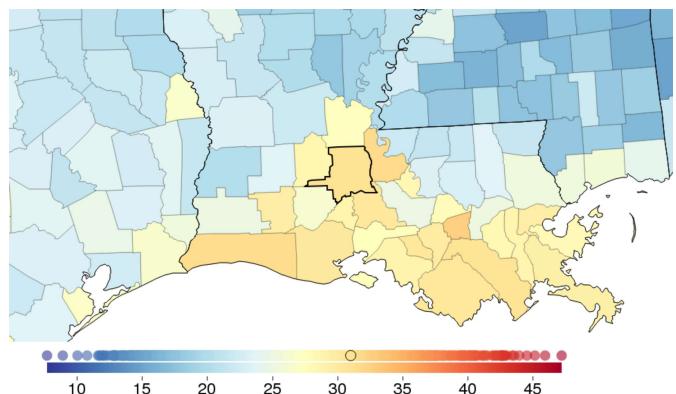


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 1996-2012
Female	26.3	22.1	17.9	2704	+20.0
Male	33.3	27.9	22.2	3061	+0.6

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

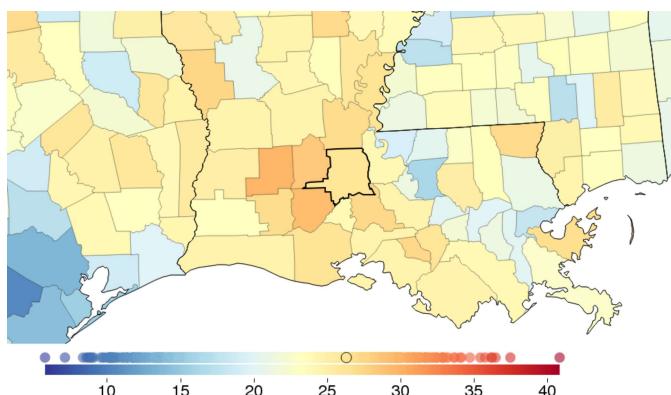
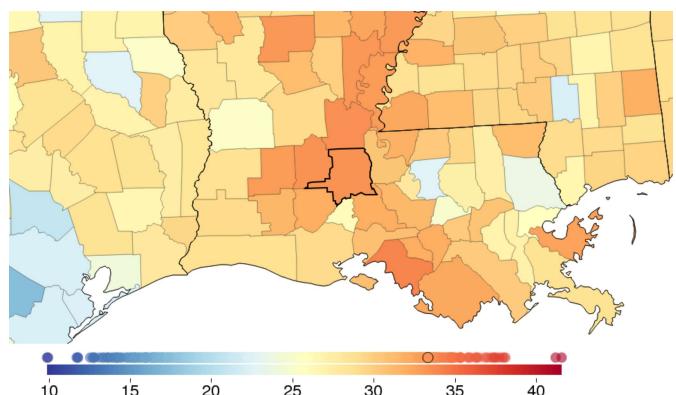


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 2001-2011
Female	46.4	41.7	36.1	2855	+16.9
Male	41.9	39.4	33.8	2947	+38.3

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

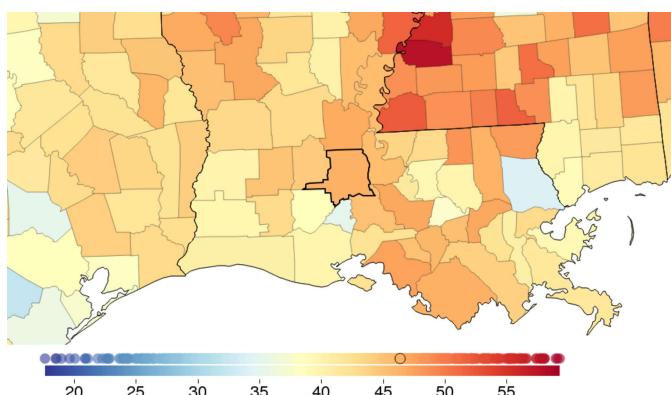
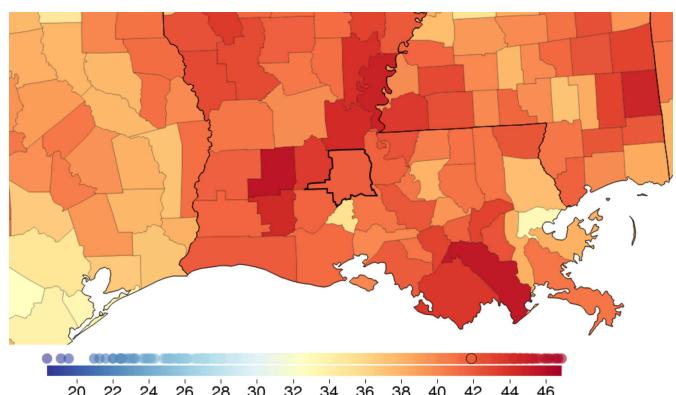


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Saint Landry Parish	Louisiana	National	National rank	% change 2001-2011
Female	41.1	42.8	52.6	2724	+36.7
Male	45.3	49.8	56.3	2818	+11.8

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

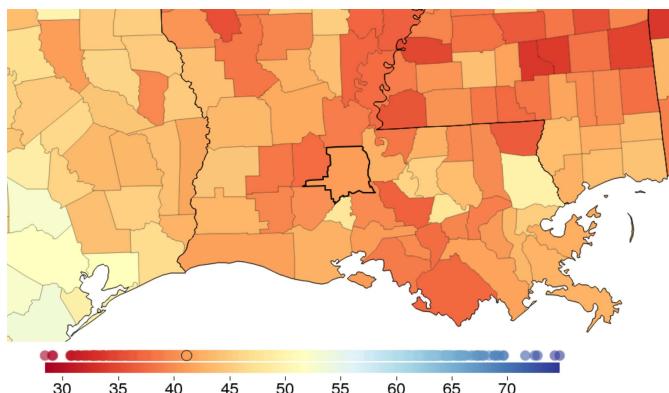
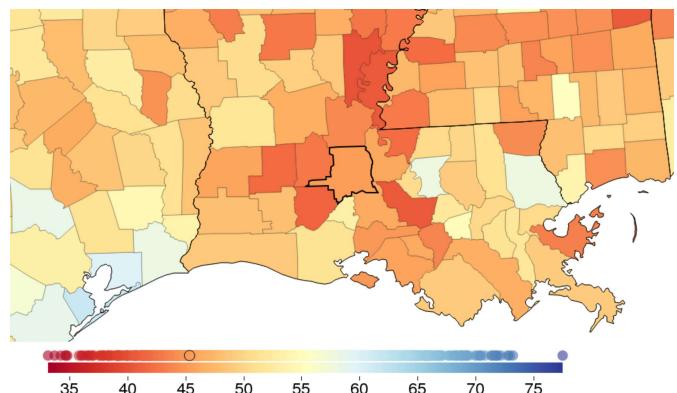


Fig. 34: Male recommended physical activity, 2011



CITATION:

Institute for Health Metrics and Evaluation (IHME),
US County Profile: Saint Landry Parish, Louisiana.
Seattle, WA: IHME, 2016.

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COUNTY PROFILE: Iberville Parish, Louisiana

US COUNTY PERFORMANCE

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (<http://vizhub.healthdata.org/subnational/usa>).

FINDINGS: LIFE EXPECTANCY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	78.4	78.6	81.5	2497	+6.2
Male	71.8	73.1	76.7	2798	+8.4

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

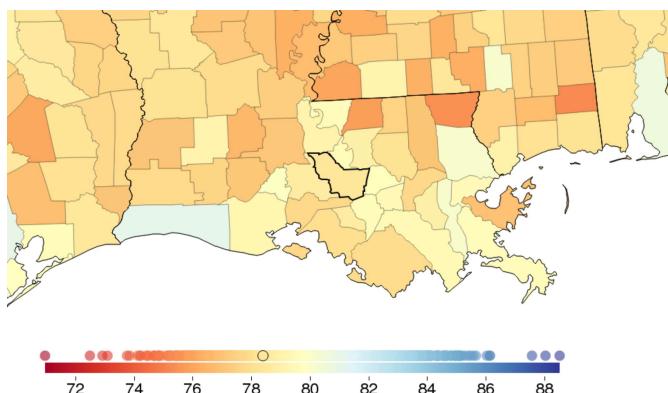
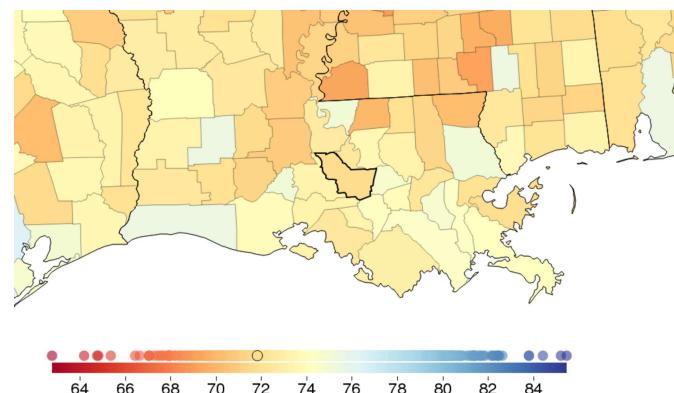


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	823.7	817.9	667.8	2372	-25.6
Male	1245.6	1161.0	930.1	2679	-28.3

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014

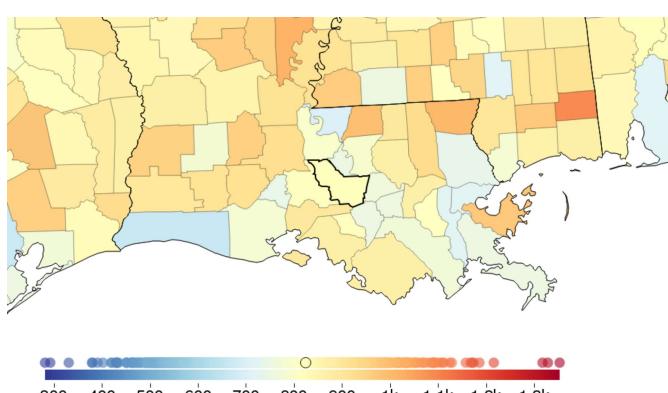
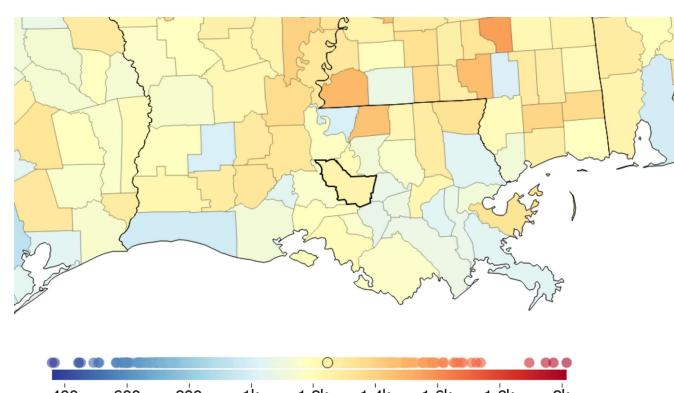


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	133.9	149.8	124.9	1581	-57.7
Male	188.8	234.0	191.5	1120	-64.8

rate per 100,000 population, age-standardized, 2014

Fig. 5: Female ischemic heart disease, 2014

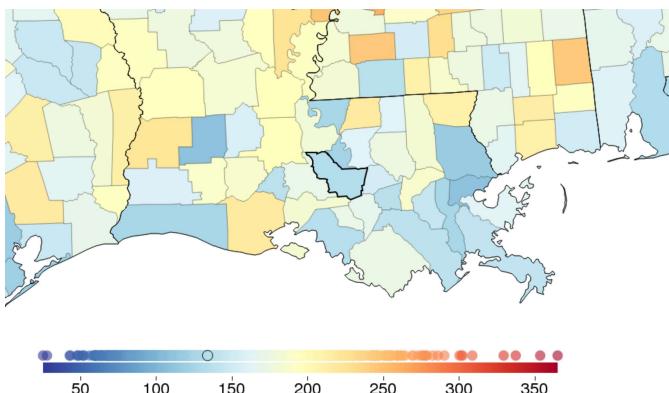
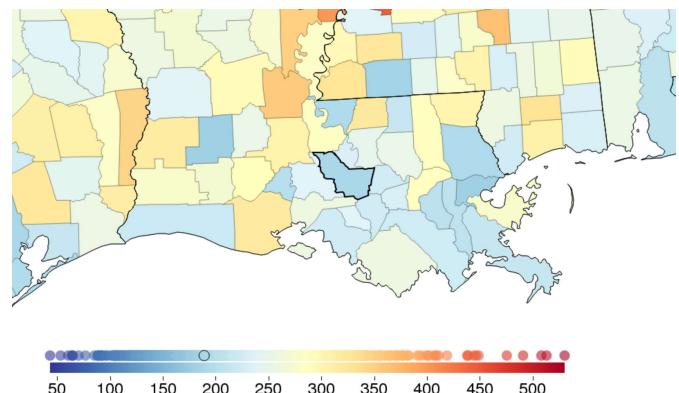


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	63.3	53.5	47.4	2620	-50.1
Male	70.8	56.9	48.8	2887	-57.0

rate per 100,000 population, age-standardized, 2014

Fig. 7: Female cerebrovascular disease (stroke), 2014

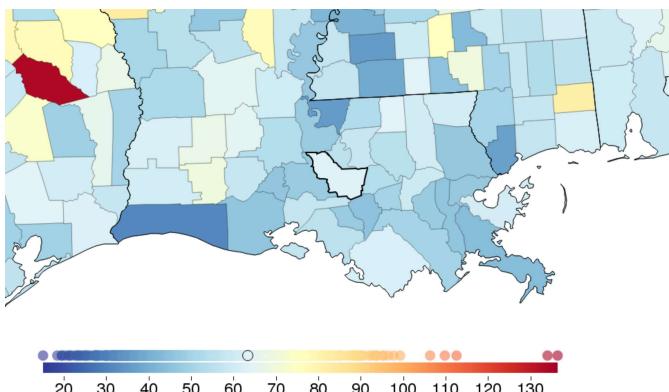
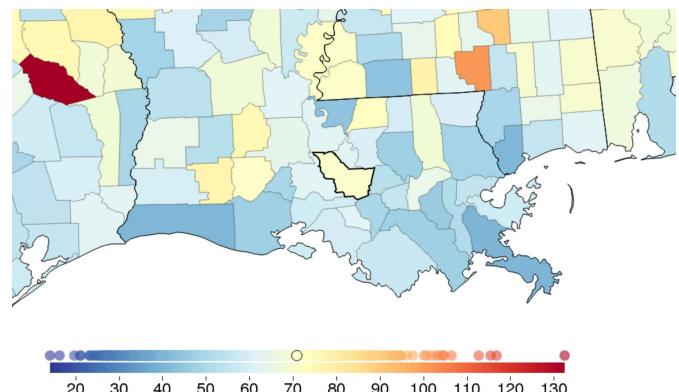


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	54.0	50.3	43.8	2208	+30.8
Male	110.1	89.7	67.6	2715	-22.0

rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014

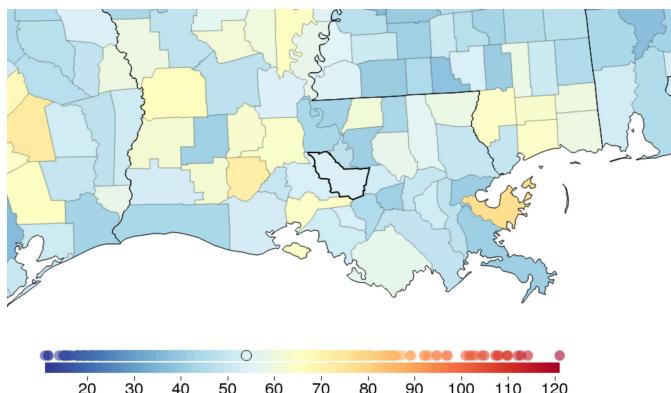
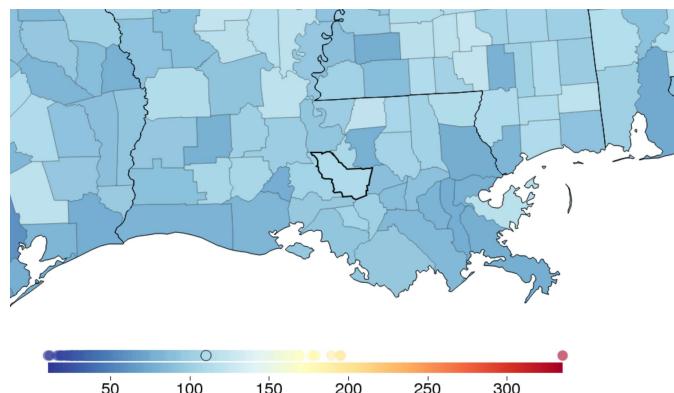


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



FINDINGS: BREAST CANCER

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	32.0	31.7	25.9	2883	-13.3
Male	0.6	0.5	0.3	3126	-3.3

rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014

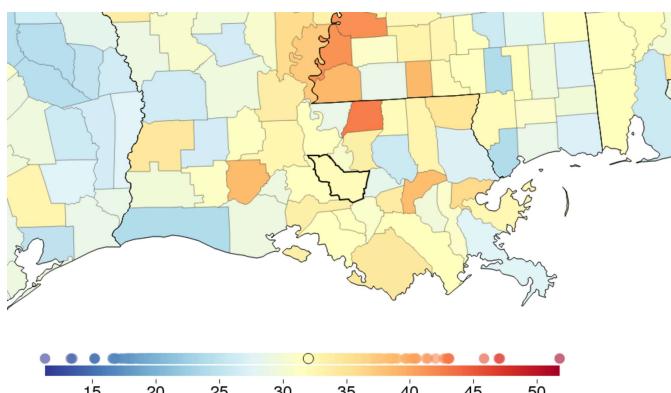
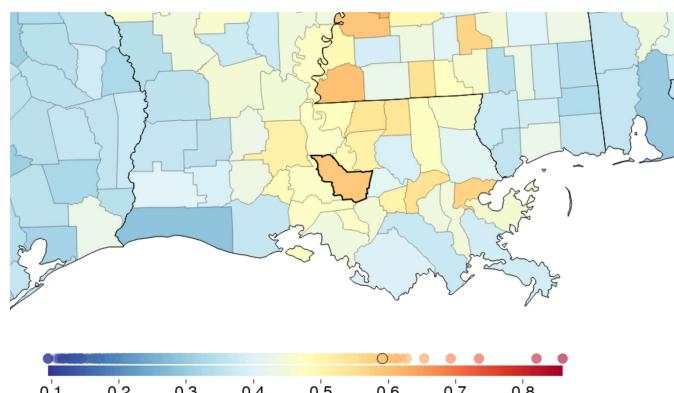


Fig. 12: Male breast cancer, 2014



FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	1.3	1.5	1.9	86	-19.8
Male	3.8	3.7	4.5	450	+37.5

rate per 100,000 population, age-standardized, 2014

Fig. 13: Female malignant skin melanoma, 2014

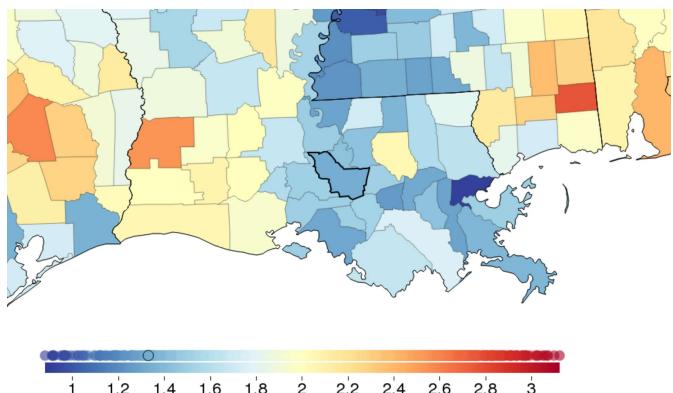
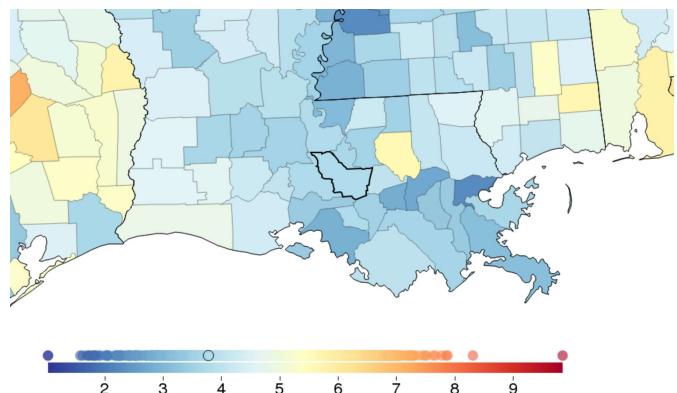


Fig. 14: Male malignant skin melanoma, 2014



FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	89.3	73.7	49.6	3000	-20.0
Male	95.7	88.9	63.8	2863	+2.3

rate per 100,000 population, age-standardized, 2014

Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014

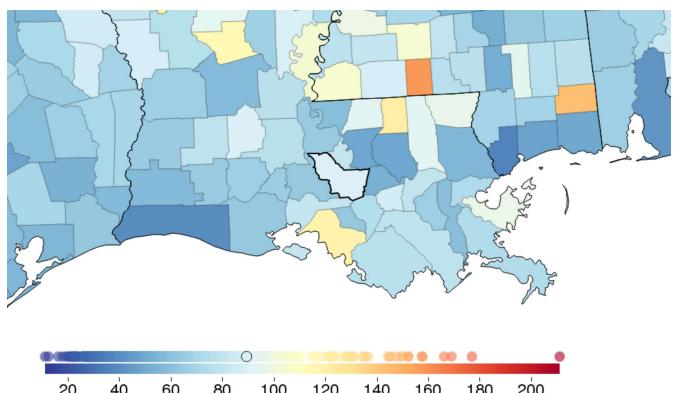
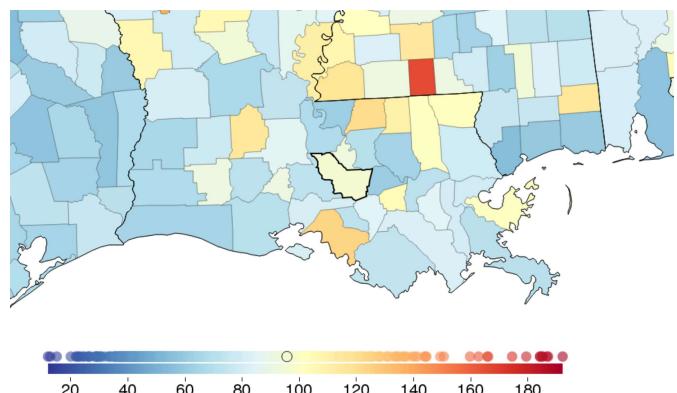


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	7.9	11.8	9.0	846	-35.3
Male	36.5	44.0	30.9	2039	-12.0

rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014

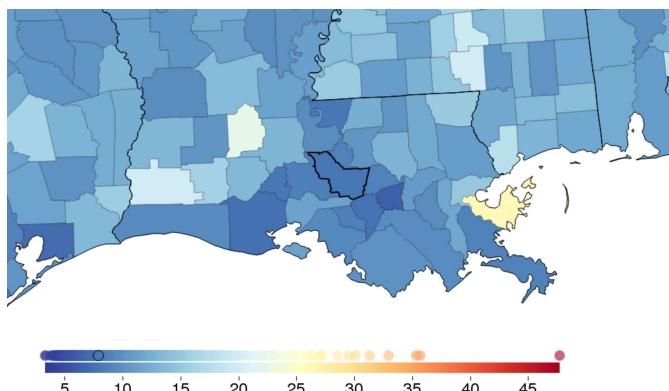
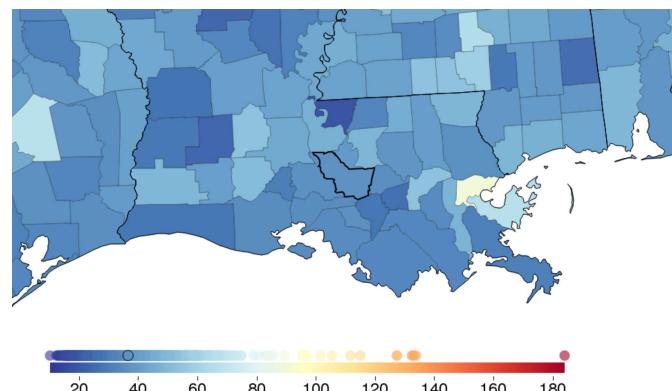


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	15.4	12.7	8.1	1978	-14.3
Male	41.3	32.0	19.8	2437	-32.4

rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014

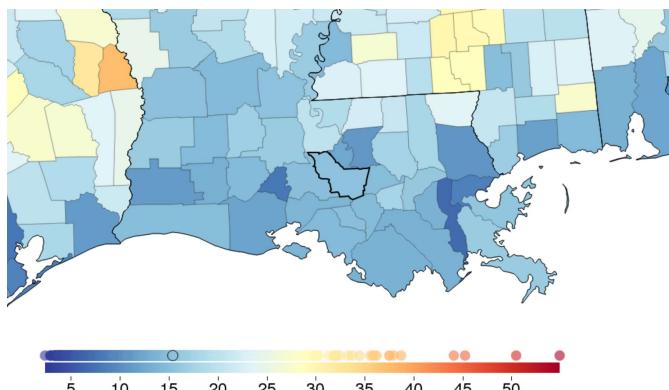
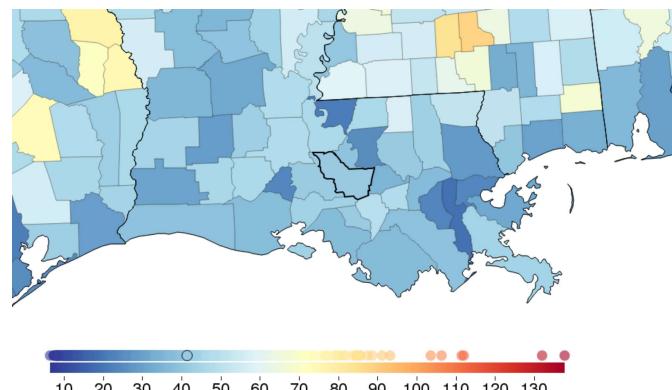


Fig. 20: Male transport injuries mortality, 2014



FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	6.9	9.6	8.2	1273	+436.1
Male	17.1	21.6	18.7	1834	+360.6

rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

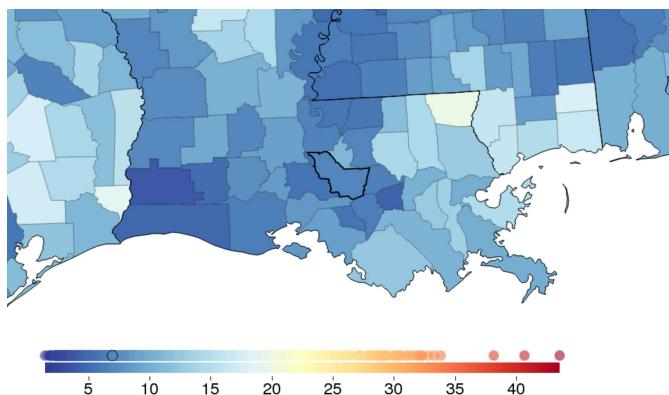
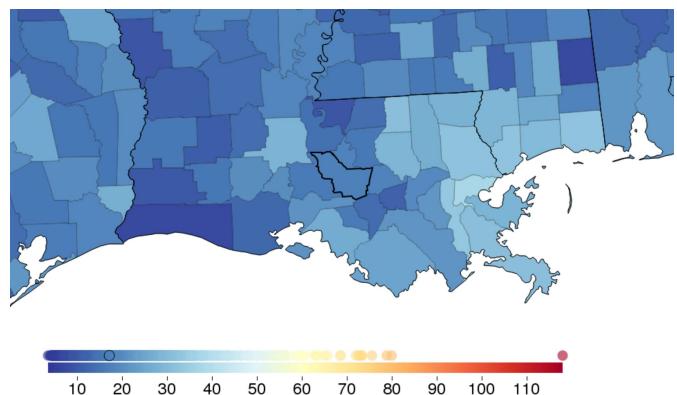


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 1980-2014
Female	10.7	12.9	11.8	945	-13.8
Male	32.1	26.0	22.2	2733	+24.6

rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

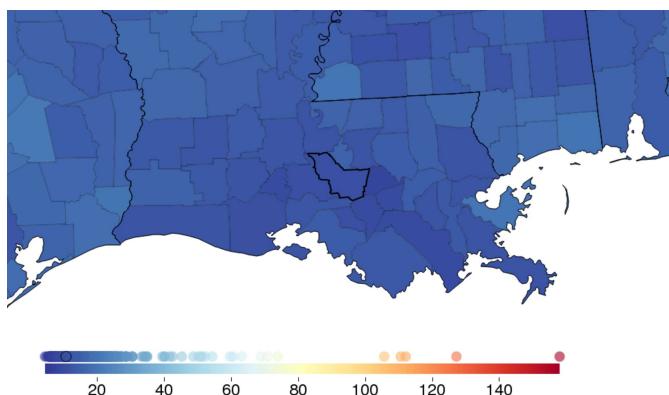
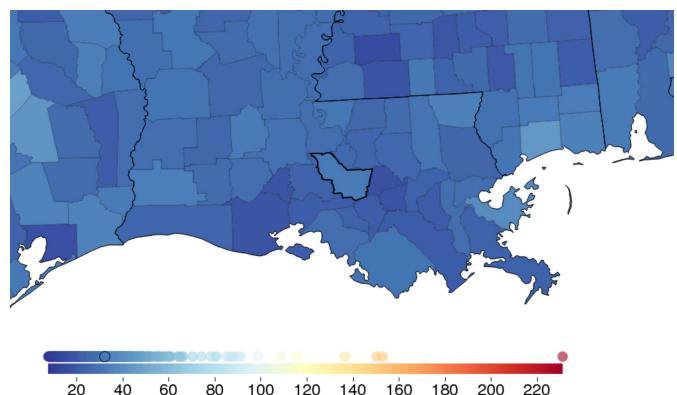


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



FINDINGS: HEAVY DRINKING

Sex	Iberville Parish	Louisiana	National	National rank	% change 2005-2012
Female	4.4	6.1	6.7	1167	+29.9
Male	9.7	10.9	9.9	1326	+12.3

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

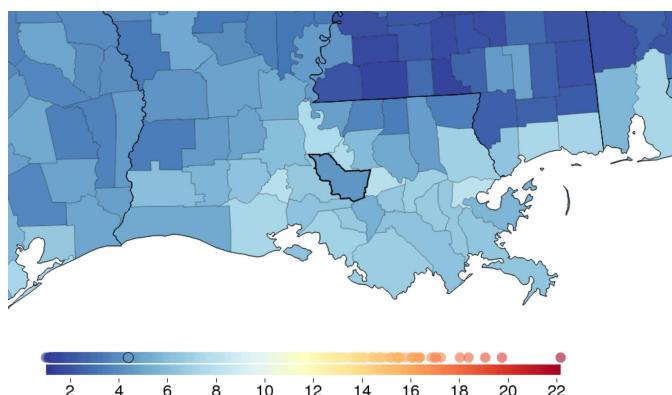
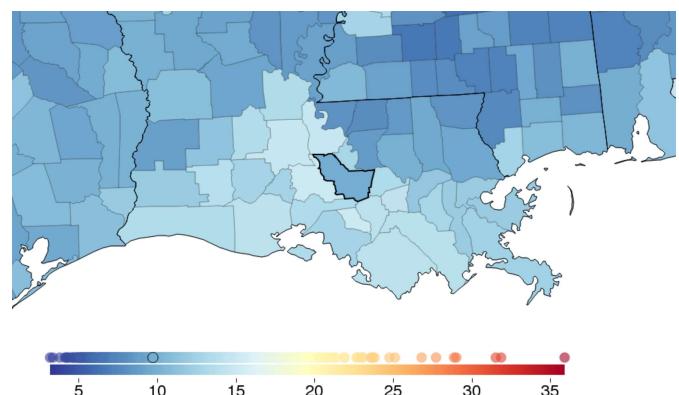


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Iberville Parish	Louisiana	National	National rank	% change 2002-2012
Female	8.2	11.3	12.4	892	-17.3
Male	24.8	25.4	24.5	1683	+5.2

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

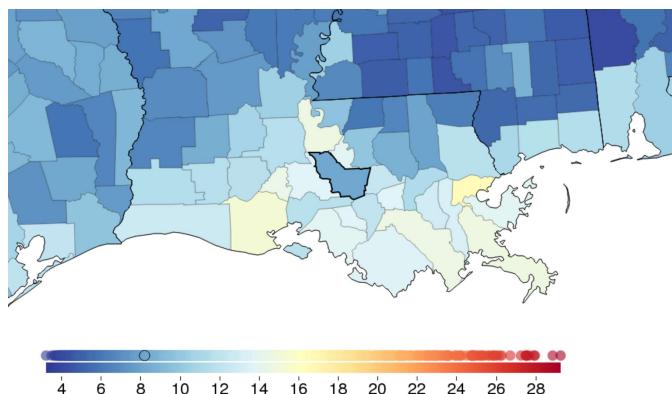
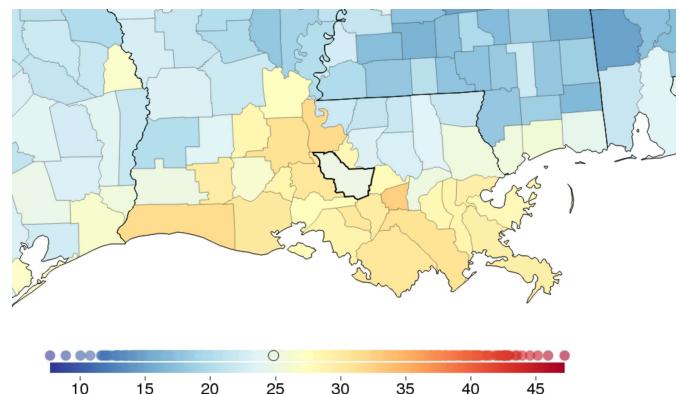


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Iberville Parish	Louisiana	National	National rank	% change 1996-2012
Female	24.5	22.1	17.9	2354	-5.2
Male	31.4	27.9	22.2	2885	-6.2

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

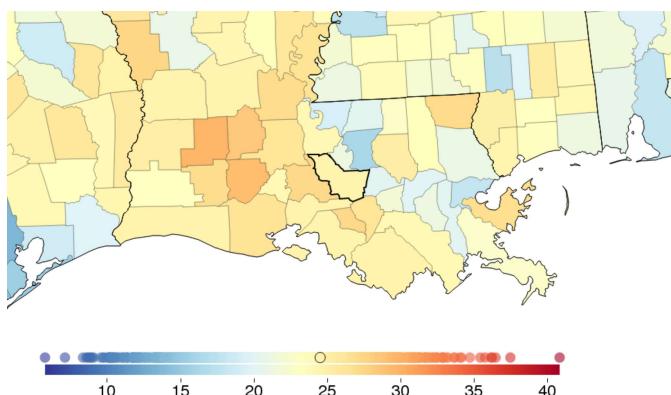
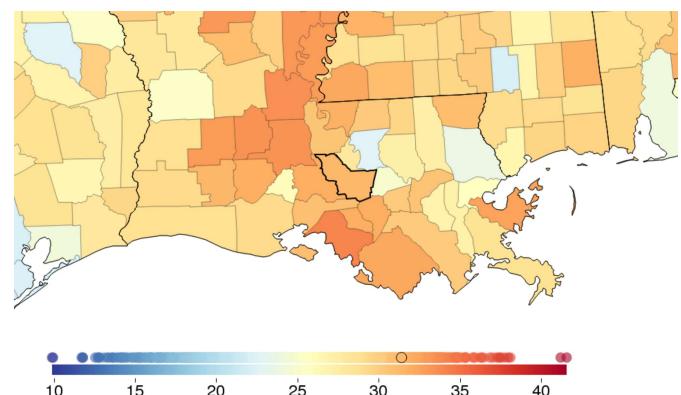


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 2001-2011
Female	47.1	41.7	36.1	2902	+21.3
Male	42.1	39.4	33.8	2980	+28.3

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

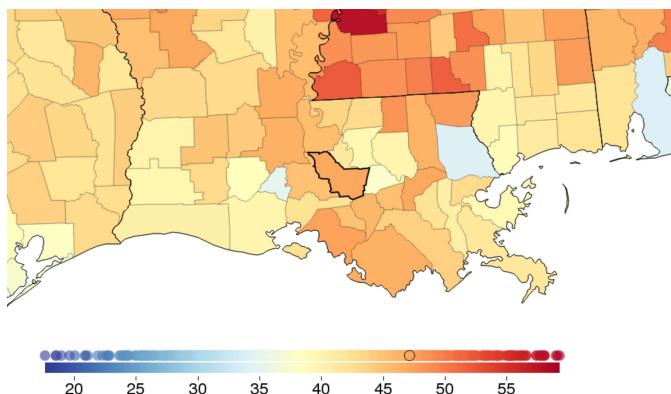
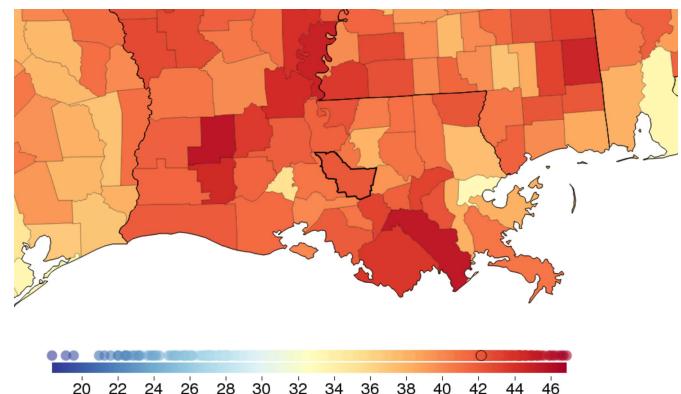


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Iberville Parish	Louisiana	National	National rank	% change 2001-2011
Female	36.8	42.8	52.6	3015	+18.1
Male	40.7	49.8	56.3	3079	-7.2

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

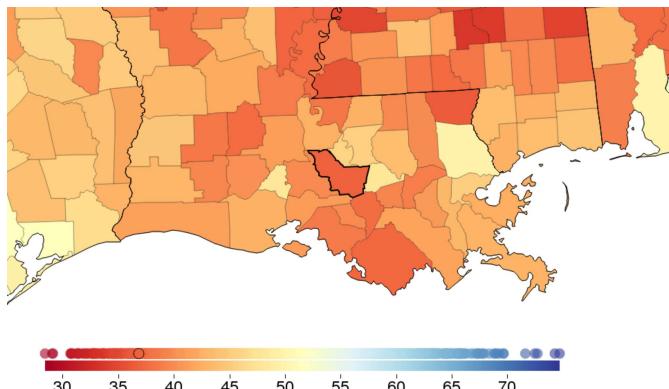
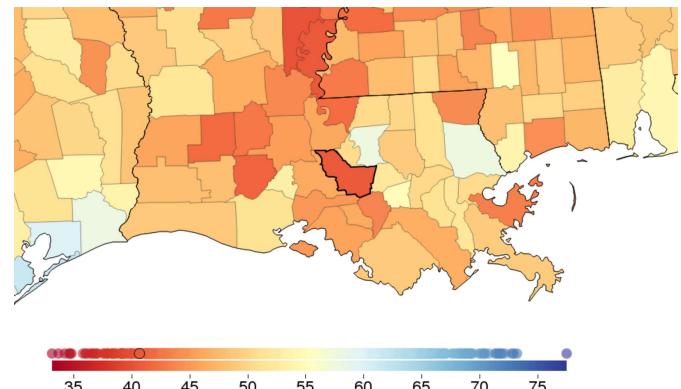


Fig. 34: Male recommended physical activity, 2011



CITATION:

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US County Profile: Iberville Parish, Louisiana.
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COUNTY PROFILE: Saint Martin Parish, Louisiana

US COUNTY PERFORMANCE

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington analyzed the performance of all 3,142 US counties or county-equivalents in terms of life expectancy at birth, mortality rates for select causes, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Explore more results using the interactive US Health Map data visualization (<http://vizhub.healthdata.org/subnational/usa>).

FINDINGS: LIFE EXPECTANCY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	78.7	78.6	81.5	2380	+3.1
Male	73.3	73.1	76.7	2449	+7.0

life expectancy at birth (years), 2014

Fig. 1: Female life expectancy, 2014

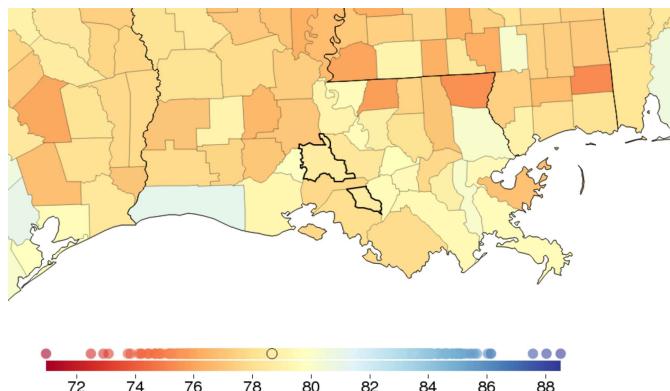
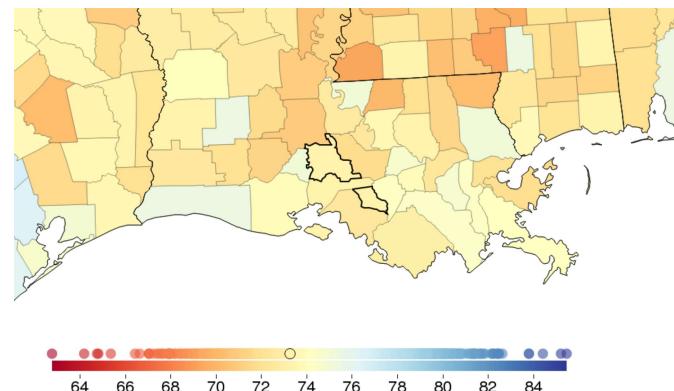


Fig. 2: Male life expectancy, 2014



FINDINGS: ALL-CAUSE MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	822.1	817.9	667.8	2360	-10.1
Male	1155.6	1161.0	930.1	2379	-23.7

rate per 100,000 population, age-standardized, 2014

Fig. 3: Female all-cause mortality, 2014

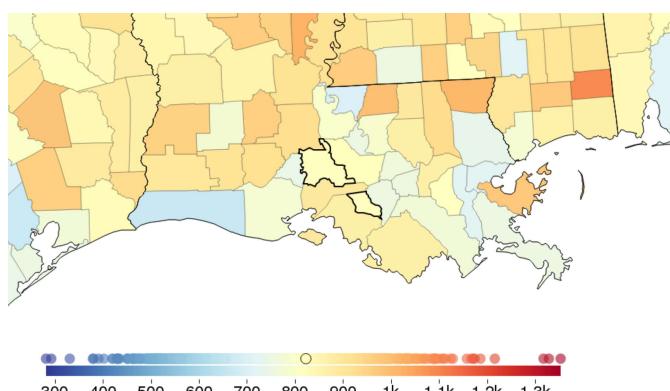
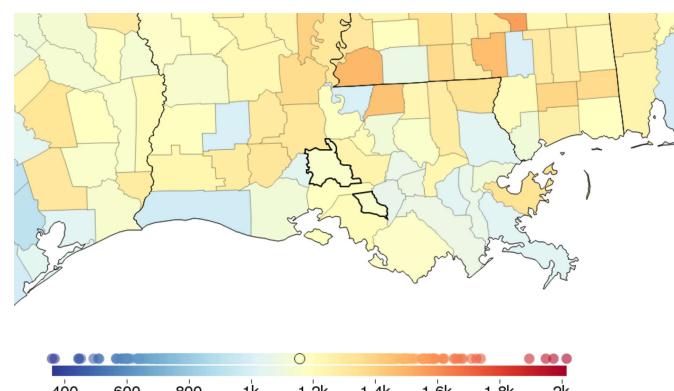


Fig. 4: Male all-cause mortality, 2014



FINDINGS: ISCHEMIC HEART DISEASE

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	171.7	149.8	124.9	2515	-39.9
Male	237.0	234.0	191.5	2184	-51.3

rate per 100,000 population, age-standardized, 2014

Fig. 5: Female ischemic heart disease, 2014

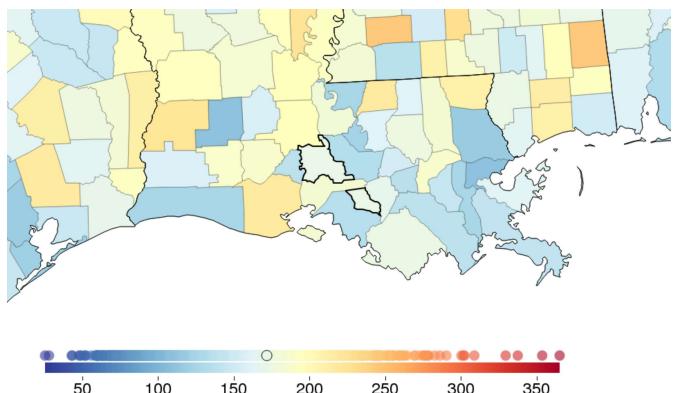
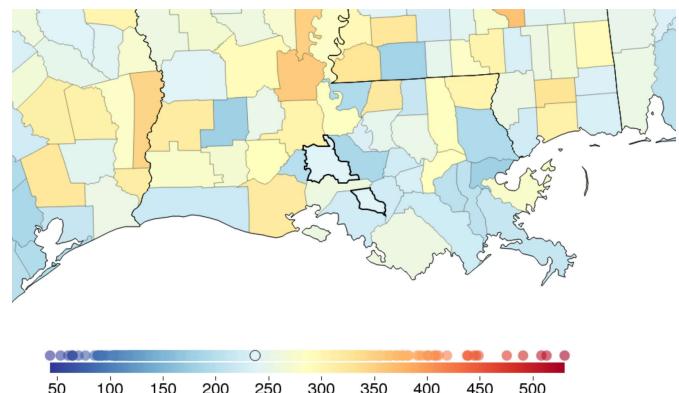


Fig. 6: Male ischemic heart disease, 2014



FINDINGS: CEREBROVASCULAR DISEASE (STROKE)

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	47.5	53.5	47.4	1105	-54.2
Male	62.2	56.9	48.8	2520	-48.2

rate per 100,000 population, age-standardized, 2014

Fig. 7: Female cerebrovascular disease (stroke), 2014

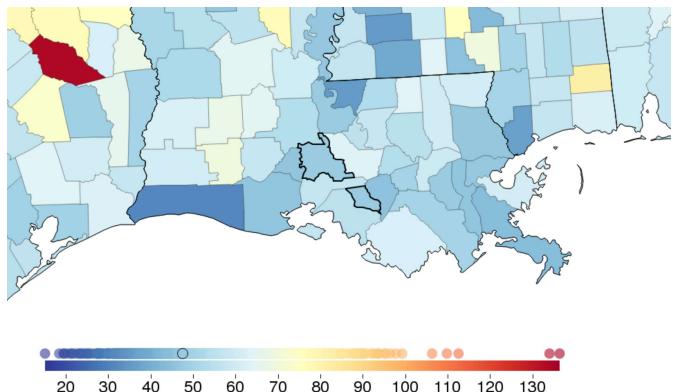
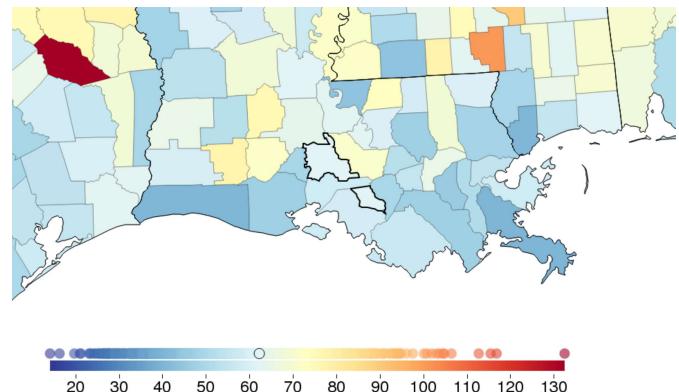


Fig. 8: Male cerebrovascular disease (stroke), 2014



FINDINGS: TRACHEAL, BRONCHUS, AND LUNG CANCER

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		53.1	50.3	43.8	2147
Male		103.2	89.7	67.6	2536

rate per 100,000 population, age-standardized, 2014

Fig. 9: Female tracheal, bronchus, and lung cancer, 2014

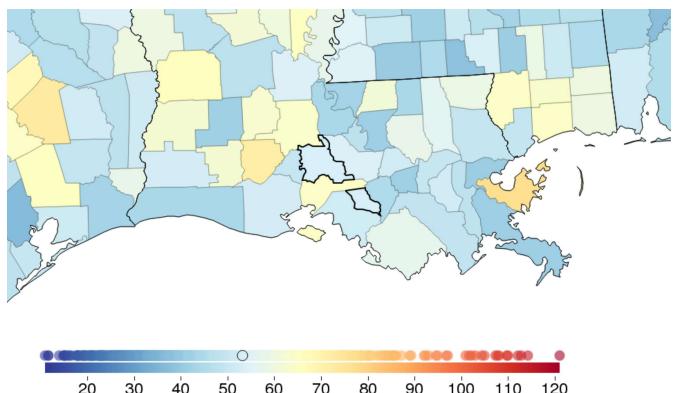
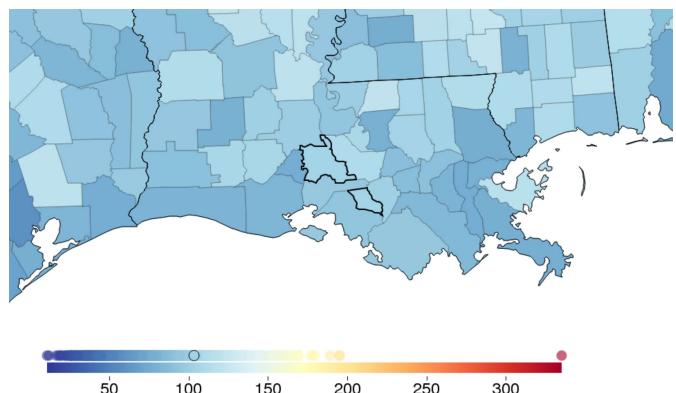


Fig. 10: Male tracheal, bronchus, and lung cancer, 2014



FINDINGS: BREAST CANCER

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		31.5	31.7	25.9	2830
Male		0.5	0.5	0.3	2959

rate per 100,000 population, age-standardized, 2014

Fig. 11: Female breast cancer, 2014

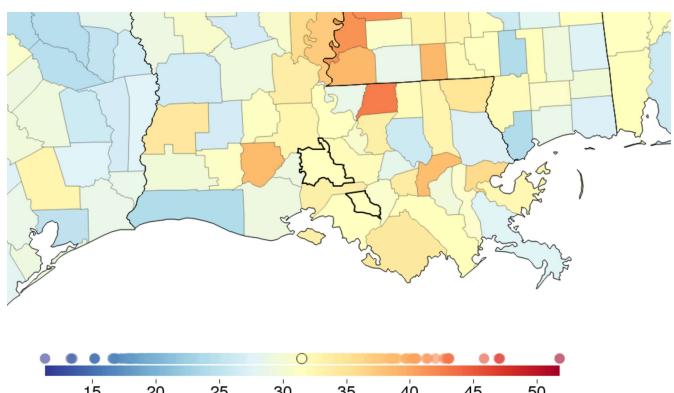
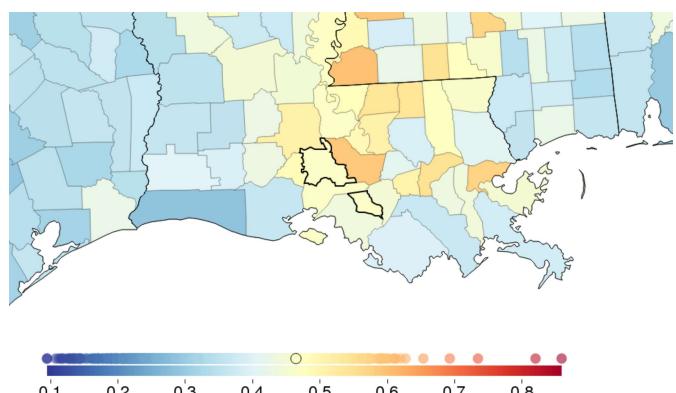


Fig. 12: Male breast cancer, 2014



FINDINGS: MALIGNANT SKIN MELANOMA

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		1.5	1.5	202	-17.7
Male		3.7	3.7	430	+45.9

rate per 100,000 population, age-standardized, 2014

Fig. 13: Female malignant skin melanoma, 2014

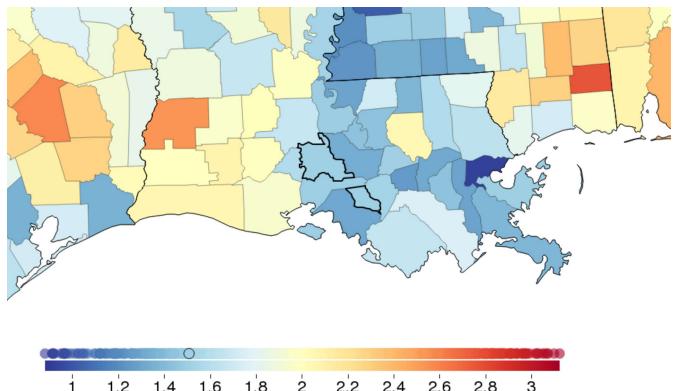
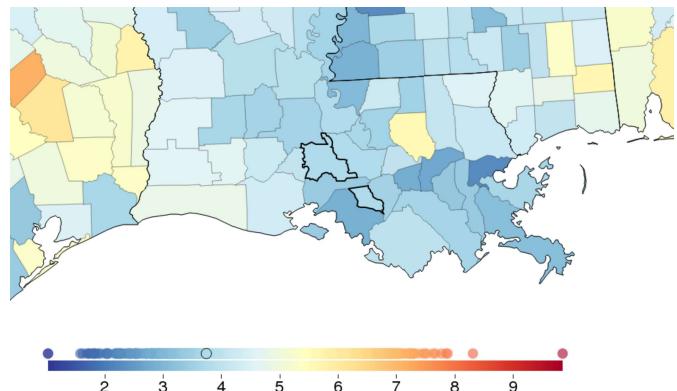


Fig. 14: Male malignant skin melanoma, 2014



FINDINGS: DIABETES, UROGENITAL, BLOOD, AND ENDOCRINE DISEASES MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		63.5	73.7	49.6	-3.3
Male		72.7	88.9	63.8	+21.9

rate per 100,000 population, age-standardized, 2014

Fig. 15: Female diabetes, urogenital, blood, and endocrine diseases mortality, 2014

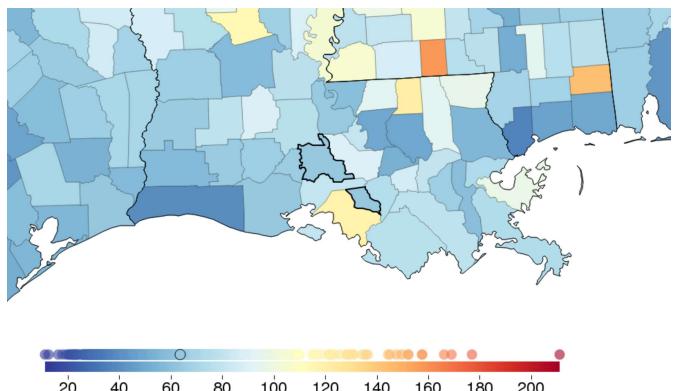
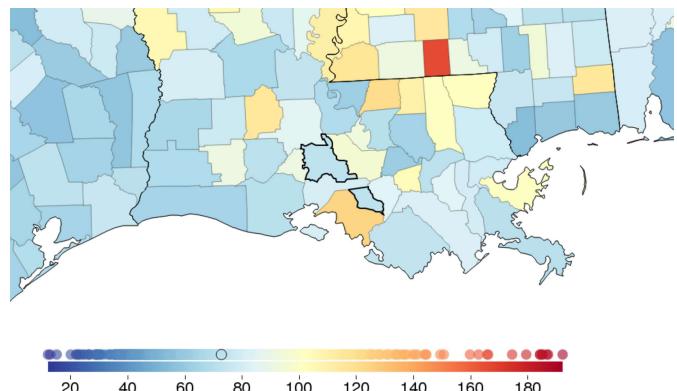


Fig. 16: Male diabetes, urogenital, blood, and endocrine diseases mortality, 2014



FINDINGS: SELF-HARM AND INTERPERSONAL VIOLENCE MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		8.6	11.8	9.0	1164
Male		36.1	44.0	30.9	2004

rate per 100,000 population, age-standardized, 2014

Fig. 17: Female self-harm and interpersonal violence mortality, 2014

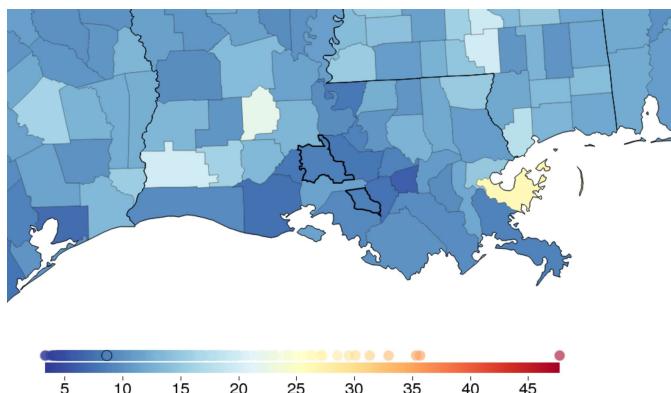
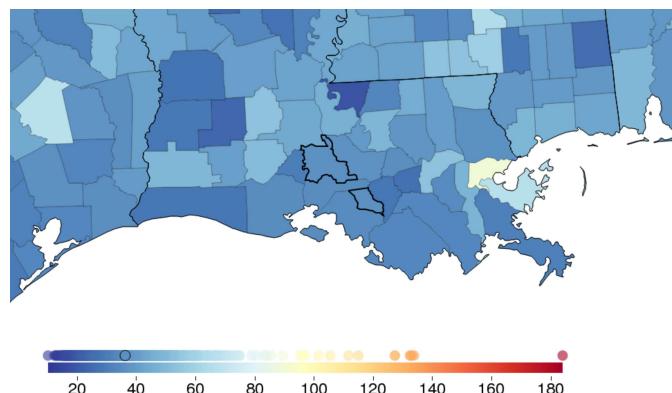


Fig. 18: Male self-harm and interpersonal violence mortality, 2014



FINDINGS: TRANSPORT INJURIES MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female		15.0	12.7	8.1	1909
Male		41.6	32.0	19.8	2455

rate per 100,000 population, age-standardized, 2014

Fig. 19: Female transport injuries mortality, 2014

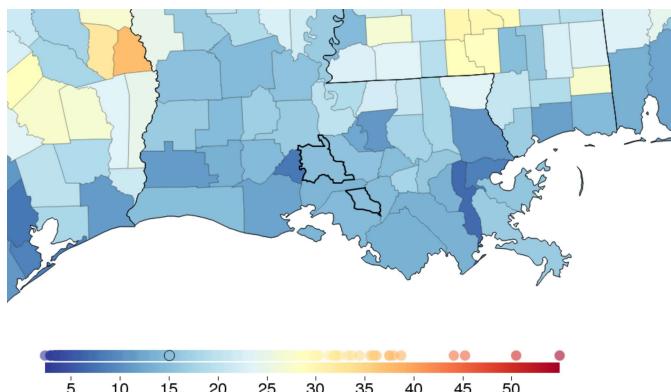
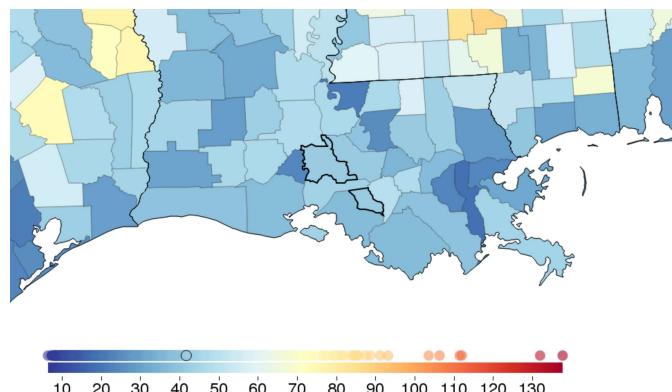


Fig. 20: Male transport injuries mortality, 2014



FINDINGS: MENTAL AND SUBSTANCE USE DISORDERS MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	5.6	9.6	8.2	795	+484.5
Male	16.2	21.6	18.7	1691	+448.0

rate per 100,000 population, age-standardized, 2014

Fig. 21: Female mental and substance use disorders mortality, 2014

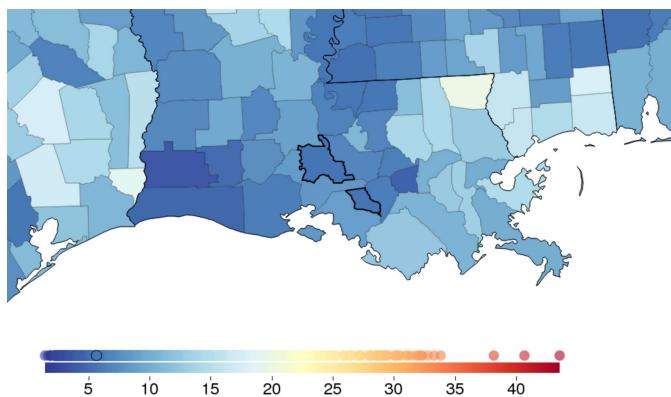
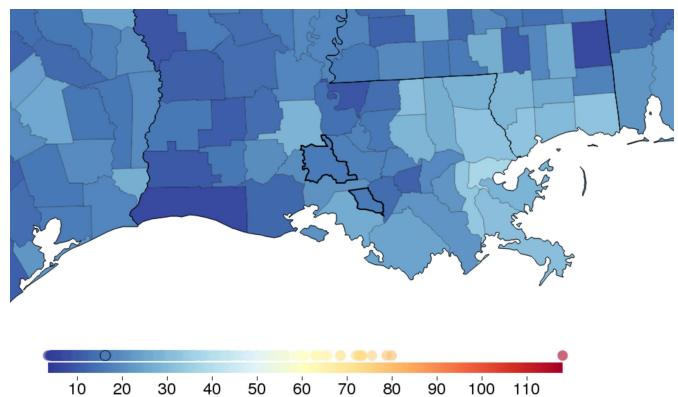


Fig. 22: Male mental and substance use disorders mortality, 2014



FINDINGS: CIRRHOSIS AND OTHER CHRONIC LIVER DISEASES MORTALITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1980-2014
Female	10.8	12.9	11.8	987	+23.0
Male	22.9	26.0	22.2	1674	+26.7

rate per 100,000 population, age-standardized, 2014

Fig. 23: Female cirrhosis and other chronic liver diseases mortality, 2014

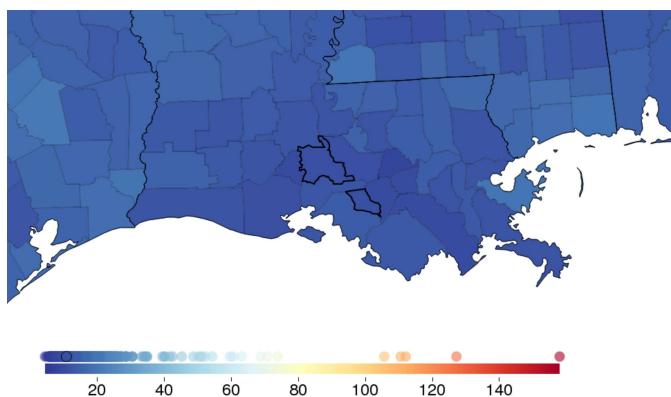
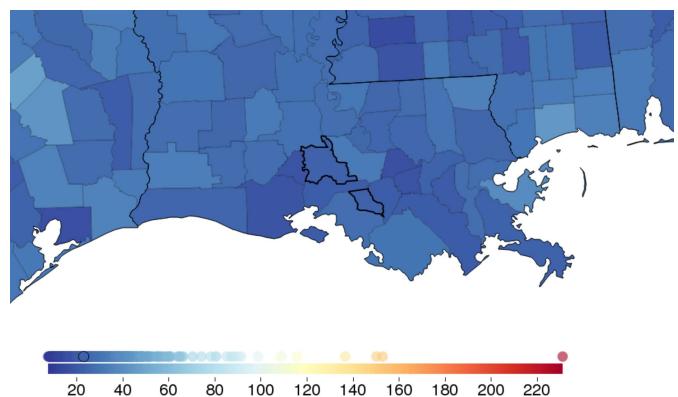


Fig. 24: Male cirrhosis and other chronic liver diseases mortality, 2014



FINDINGS: HEAVY DRINKING

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 2005-2012
Female	6.5	6.1	6.7	2125	+59.1
Male	15.1	10.9	9.9	2927	+21.0

prevalence (%), age-standardized, 2012

Fig. 25: Female heavy drinking, 2012

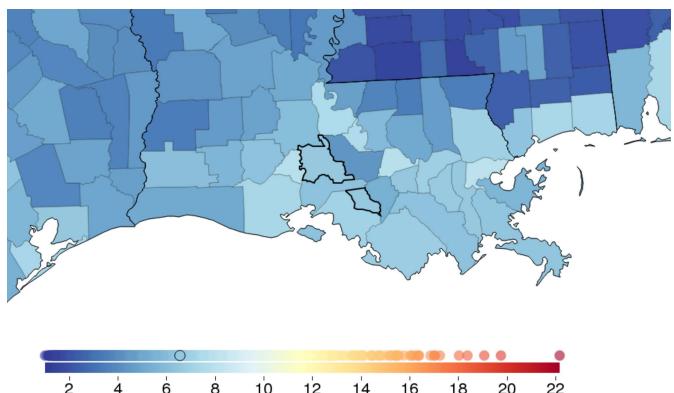
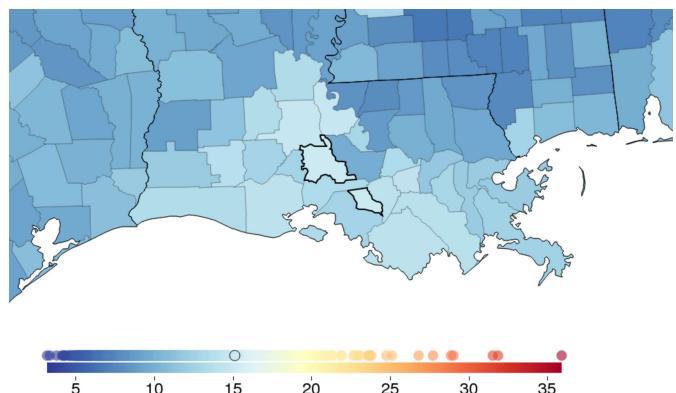


Fig. 26: Male heavy drinking, 2012



FINDINGS: BINGE DRINKING

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 2002-2012
Female	13.7	11.3	12.4	2248	+19.4
Male	30.3	25.4	24.5	2548	+3.6

prevalence (%), age-standardized, 2012

Fig. 27: Female binge drinking, 2012

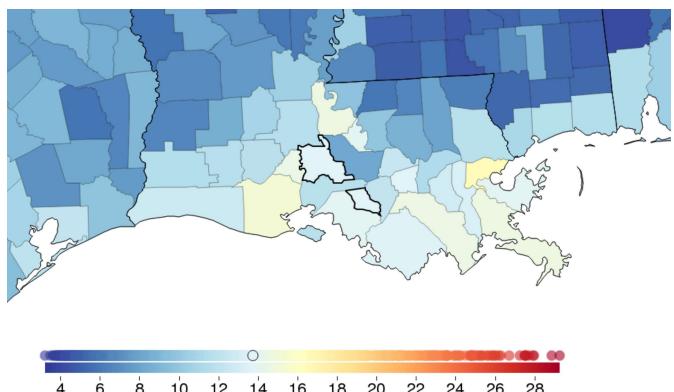
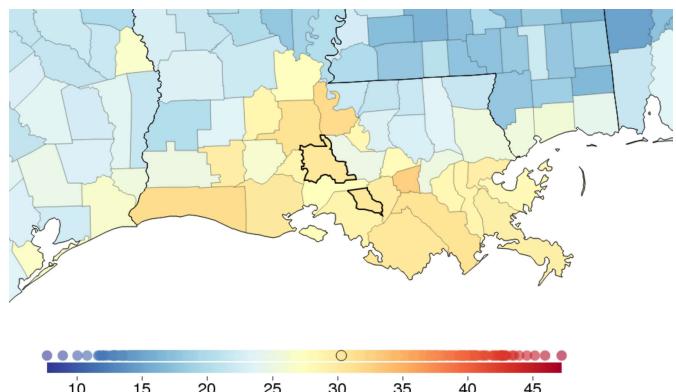


Fig. 28: Male binge drinking, 2012



FINDINGS: SMOKING

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 1996-2012
Female	27.3	22.1	17.9	2851	+9.8
Male	32.0	27.9	22.2	2971	-6.6

prevalence (%), age-standardized, 2012

Fig. 29: Female smoking, 2012

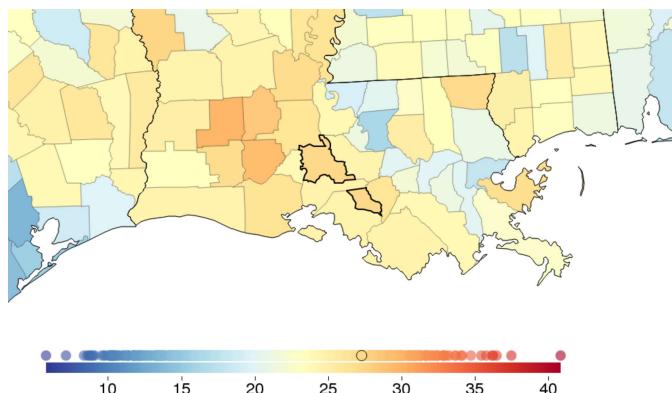
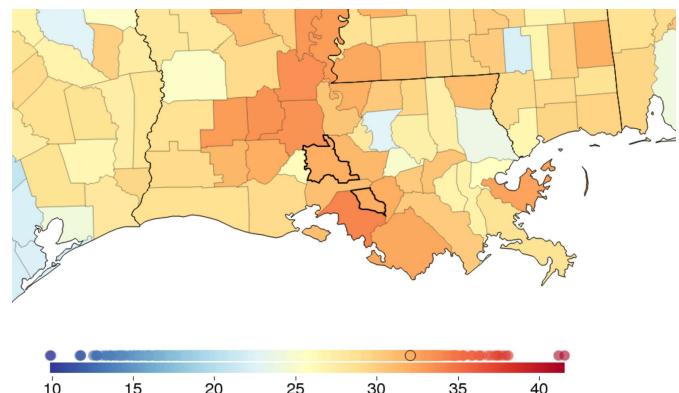


Fig. 30: Male smoking, 2012



FINDINGS: OBESITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 2001-2011
Female	45.2	41.7	36.1	2765	+20.6
Male	40.8	39.4	33.8	2759	+24.6

prevalence (%), age-standardized, 2011

Fig. 31: Female obesity, 2011

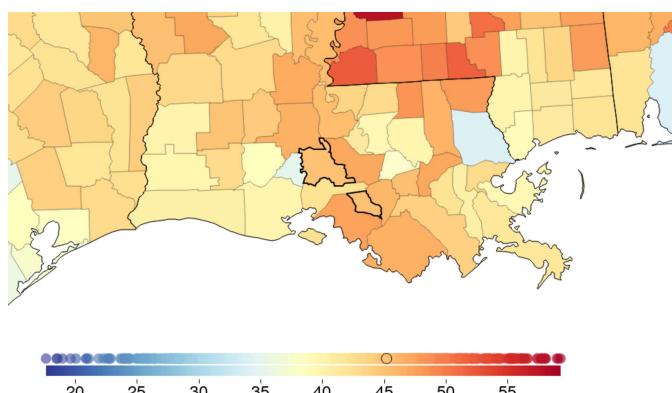
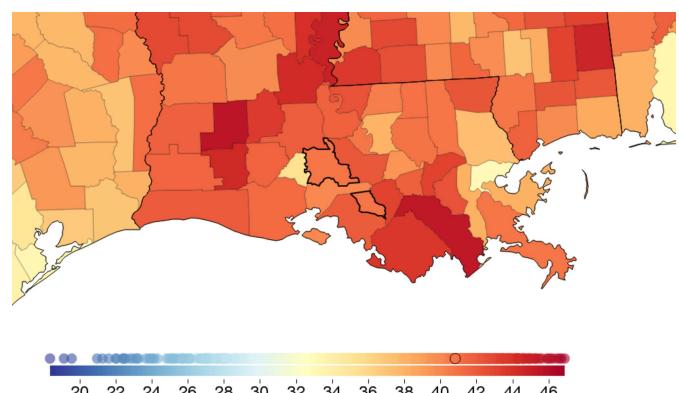


Fig. 32: Male obesity, 2011



FINDINGS: RECOMMENDED PHYSICAL ACTIVITY

Sex	Saint Martin Parish	Louisiana	National	National rank	% change 2001-2011
Female	39.9	42.8	52.6	2808	+19.0
Male	46.2	49.8	56.3	2738	+4.1

prevalence (%), age-standardized, 2011

Fig. 33: Female recommended physical activity, 2011

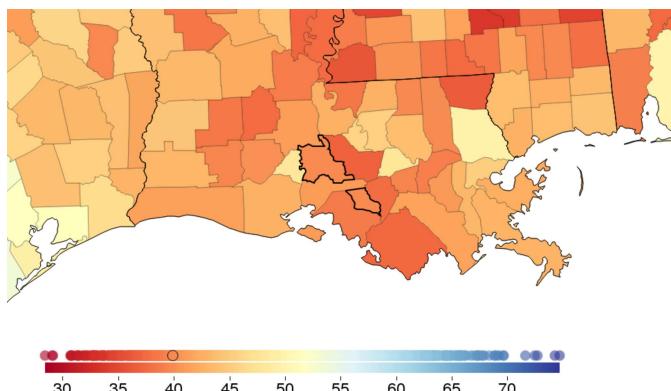
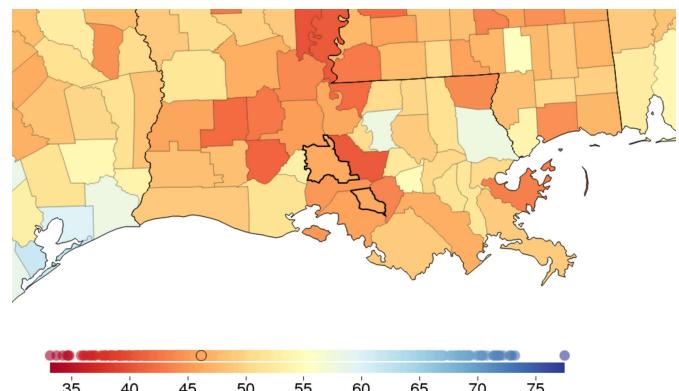


Fig. 34: Male recommended physical activity, 2011



CITATION:

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US County Profile: Saint Martin Parish, Louisiana.
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