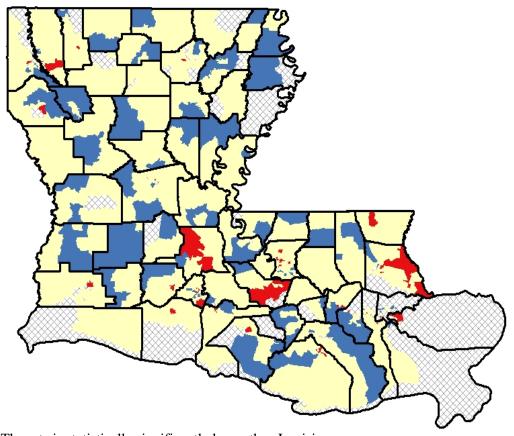
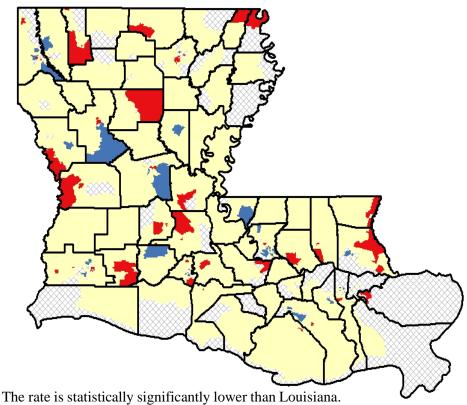
Figure 1. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, All Cancers Combined, 2006-2014



- The rate is statistically significantly lower than Louisiana
- The rate is not statistically significantly different from Louisiana
- The rate is statistically significantly higher than Louisiana
 - The census tract does not meet the requirements (population count \geq 20,000 and case count \geq 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

¹Average annual age-adjusted (2000 US) incidence rates

Figure 2. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Lung & Bronchus, 2006-2014



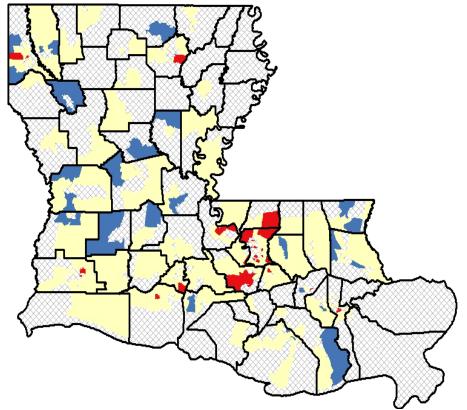
- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.
 - The census tract does not meet the requirements (population count $\geq 20,000$ and case count >16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

- Age
- Sex
- Cigarette smoking (increases with amount and years of smoking)
- Cigar and pipe smoking
- Exposure to secondhand smoke
- Taking beta carotene supplements
- Exposure to radon gas, asbestos, certain metals (chromium, cadmium, arsenic), silica, beryllium, nickel chromate, some organic chemicals, radiation, vinyl chloride, mustard gas, coal products, or diesel exhaust
- Air pollution
- Occupational exposures, including: rubber manufacturing, paving, roofing, painting, chimney sweeping
- History of tuberculosis
- Personal or family history of lung cancer

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 3. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Prostate, 2006-2014



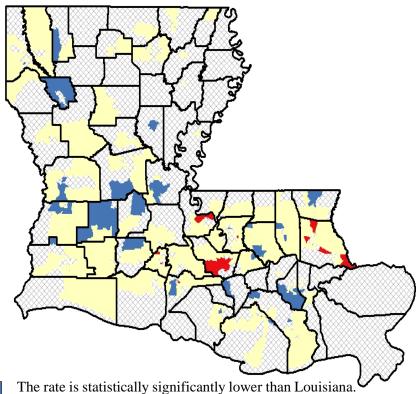
- Increased age
- African ancestry
- Smoking
- Diets high in dairy and calcium
- Taking vitamin E alone or folic acid
- Prostate changes
- Family history of prostate cancer in first-degree relative
- Certain inherited genetic conditions, including Lynch syndrome and BRCA1 and BRCA2 mutations

- The rate is statistically significantly lower than Louisiana.
- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.
 - The census tract does not meet the requirements (population count \geq 20,000 and case count \geq 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 4. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Female Breast, 2006-2014



The rate is not statistically significantly different from Louisiana.

The rate is statistically significantly higher than Louisiana.

The census tract does not meet the requirements (population count ≥ 20,000 and case count >16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

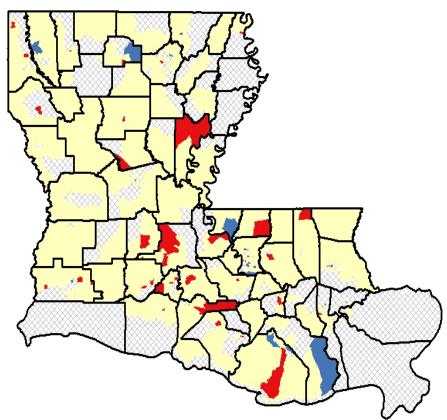
- Increased age
- Race/ethnicity
- Weight gain after age of 18 Personal history of ductal
- Being overweight or obese
- Physical inactivity
- Alcohol consumption
- Working night shifts
- Type II diabetes
- Long menstrual history (starting early and ending later in life)
- Never having children
- Having first child after age
 of 30
- Breastfeeding for less than 1 year
- Personal or family history of breast or ovarian cancer
- Inherited mutations in BRCA1, BRCA2, or other susceptibility genes

- Benign breast conditions (ex. atypical hyperplasia)
- Personal history of ductal or lobular carcinoma in situ, high-dose radiation to chest at young age, or high breast density
- Recent use of oral contraceptives
- Postmenopausal hormone use
- Long-term use of combination hormone replacement therapy
- Being given
 diethylstilbestrol
 during pregnancy, or
 mother having been
 given diethylstilbestrol
 during pregnancy

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 5. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Colon & Rectum, 2006-2014



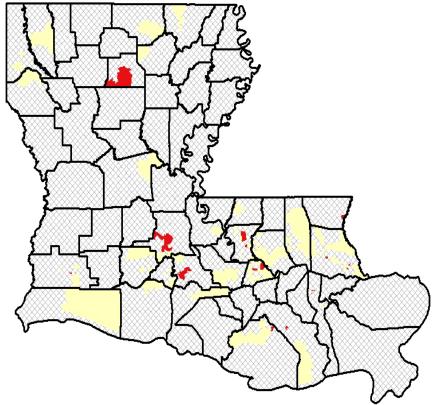
- The rate is statistically significantly lower than Louisiana.
- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.

 - The census tract does not meet the requirements (population count \geq 20,000 and case count \geq 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.
 - ¹Average annual age-adjusted (2000 US) incidence rates
 - ²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

- Age
- Sex
- Race/ethnicity
- Obesity
- Physical inactivity
- Long-term smoking
- High consumption of red or processed meat
- Low intake of calcium. fruits, vegetables, and whole-grain fiber
- Moderate to heavy alcohol consumption
- Personal or family history of colon or rectal cancer and/or polyps

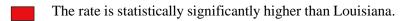
- Personal history of chronic inflammatory bowel disease, ulcerative colitis. or Crohn's disease
- Inherited genetic conditions (ex. Lynch syndrome or familial adenomatous polyposis)
- Type II diabetes
- Long-term use of nonsteroidal antiinflammatory drugs can reduce risk

Figure 6. Comparison of Cancer Incidence¹ Rates of Individual Census Tracts with Louisiana, Kidney & Renal Pelvis, 2006-2014



- Obesity
- Tobacco use
- High blood pressure
- Family history of kidney cancer
- Von-Hippel Lindau syndrome
- Chronic renal failure
- Occupational exposure to chemicals like trichloroethylene or cadmium

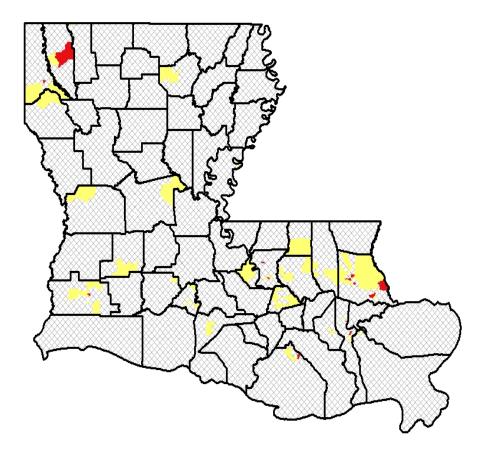
The rate is not statistically significantly different from Louisiana.



¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 7. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Non-Hodgkin Lymphoma, 2006-2014



The rate is not statistically significantly different from Louisiana.

The rate is statistically significantly higher than Louisiana.

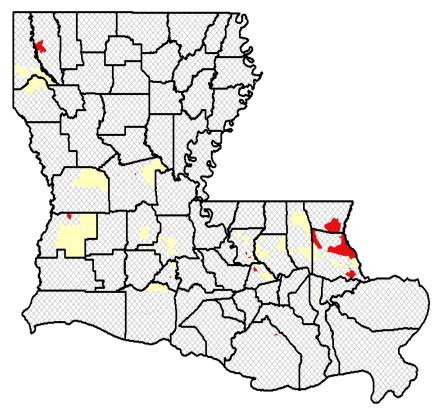
Risk Factors²

- Increased age
- Sex
- Race
- Weakened immune system due to HIV infection, inherited immunodeficiency syndromes, or receiving immune suppressants to prevent organ transplant rejection
- Infection with Epstein Barr virus, HIV, HTLV-1, H. pylori, or Hepatitis C virus
- Personal history of Sjogren syndrome, lupus, or rheumatoid arthritis
- Family history of lymphoma
- Chemical exposures to benzene and certain herbicides and insecticides

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 8. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Urinary Bladder, 2006-2014



- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.

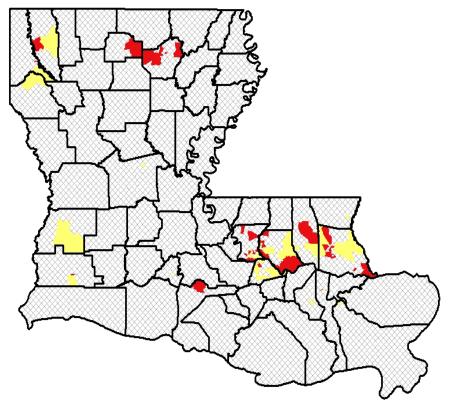
- Tobacco use
- Working in the dye, rubber, chemical, metal, textile, leather, or aluminum industries
- Working as a hairdresser, mechanist, printer, painter, or truck driver
- Living in a community with high levels of arsenic in the drinking water
- Bladder birth defects
- Cancer treatment with cyclophosphamide or having radiation therapy to abdomen or pelvis
- Personal or family history of bladder cancer

The census tract does not meet the requirements (population count \geq 20,000 and case count \geq 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 9. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Melanoma of the Skin, 2006-2014



The rate is not statistically significantly different from Louisiana.

The rate is statistically significantly higher than Louisiana.

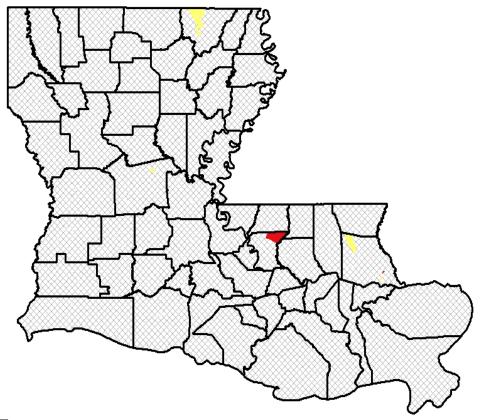
- Age
- Sex
- Race
- Presence of atypical, large, or more than 50 moles
- Heavy exposure to ultraviolet radiation from sunlight or indoor tanning beds
- Sun-sensitivity (fair-skinned, burning easily, or having natural blonde or red hair)
- Personal or family history of melanoma or skin cancer
- Personal history of having at least one severe, blistering sunburn in youth

Risk Factors²

¹Average annual age-adjusted (2000 US) incidence rates

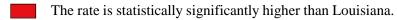
²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 10. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Pancreas, 2006-2014



- Tobacco use
- Obesity
- Heavy alcohol consumption
- Family history of pancreatic cancer
- Personal history of chronic pancreatitis or diabetes
- Personal history of Lynch syndrome or certain other genetic syndromes
- BRCA1 and BRCA2 mutation carrier

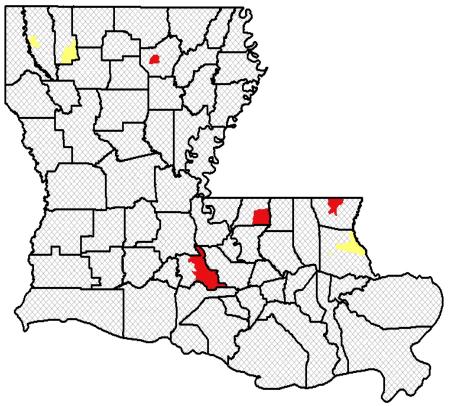
The rate is not statistically significantly different from Louisiana.



¹Average annual age-adjusted (2000 US) incidence rates

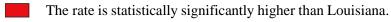
²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 11. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Oral Cavity & Pharynx, 2006-2014



- Age
- Sex
- Tobacco use
- Excessive alcohol use
- Sun exposure
- HPV infection of mouth and throat
- Betel nut use
- Personal history of oral cavity and pharynx cancer

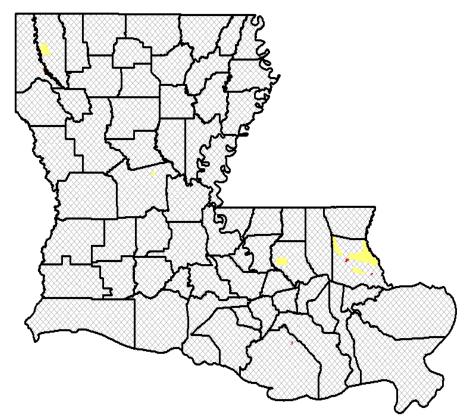
The rate is not statistically significantly different from Louisiana.



¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 12. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Leukemia, 2006-2014



- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.

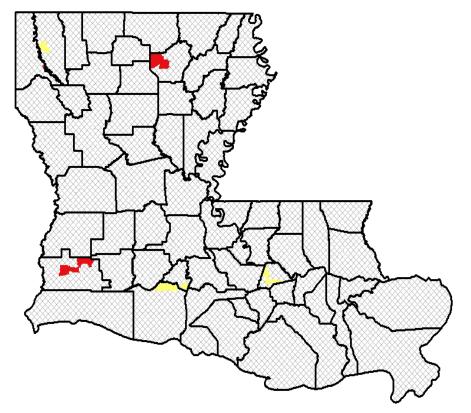
The census tract does not meet the requirements (population count ≥ 20,000 and case count > 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

- Age
- Sex
- Race
- Obesity
- HTLV-1 infection
- Exposure to ionizing radiation
- Exposure to chemotherapy treatment
- Occupational exposure to benzene or ethylene oxide
- Certain inherited syndromes, such as
 Down syndrome, Klinefelter
 syndrome, Fanconi's anemia, Wiskott-Aldrich syndrome, Bloom's
 syndrome, Li-Fraumeni syndrome,
 and ataxia telangiectasia

¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 13. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Thyroid, 2006-2014



- Sex
- Age
- Obesity
- Diet low in iodine
- Personal history of goiter or thyroid nodules
- Family history of thyroid cancer
- Exposure to radiation early in life
- Certain genetic conditions, such as *RET* gene mutation or familial adenomatous polyposis

- The rate is not statistically significantly different from Louisiana.
- The rate is statistically significantly higher than Louisiana.
 - The census tract does not meet the requirements (population count \geq 20,000 and case count \geq 16 for the 2006-2014 combined data) for publication of cancer incidence data, which is a restriction in state law that is in compliance with HIPAA rules and the standard of United States Cancer Statistics.

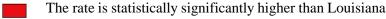
¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, www.cancer.gov.

Figure 14. Comparison of Cancer Incidence Rates¹ of Individual Census Tracts with Louisiana, Liver & Intrahepatic Bile Duct, 2006-2014



- Obesity
- Tobacco use
- Heavy alcohol consumption
- Diabetes
- Iron storage disease
- Chronic Hepatitis B virus or Hepatitis C virus infections
- Exposure to aflatoxin or vinyl chloride



¹Average annual age-adjusted (2000 US) incidence rates

²American Cancer Society, Cancer Facts & Figures 2018; National Cancer Institute, <u>www.cancer.gov.</u>