Louisiana Cancer Facts & Figures, Early Captured Cases (ECC), 2016

Louisiana Tumor Registry

September 30, 2016





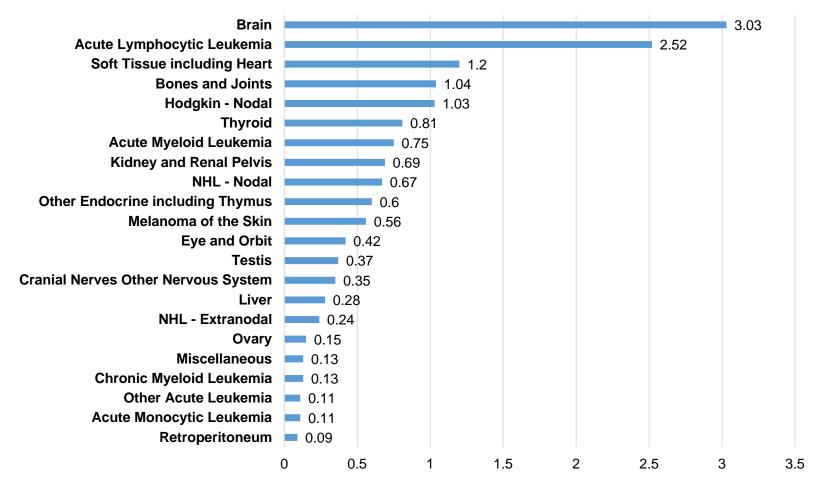
Early Captured Cases (ECC)

- Early captured cases refer to patients younger than 20 years old who were diagnosed with malignant cancers and solid benign and borderline tumors of the brain and central nervous system.
- About 200 new early captured cases were diagnosed each year and about 30 kids younger than age twenty died of malignant cancers in Louisiana each year¹.

1. Estimated by averaging the incidences and deaths of 2009-2013.



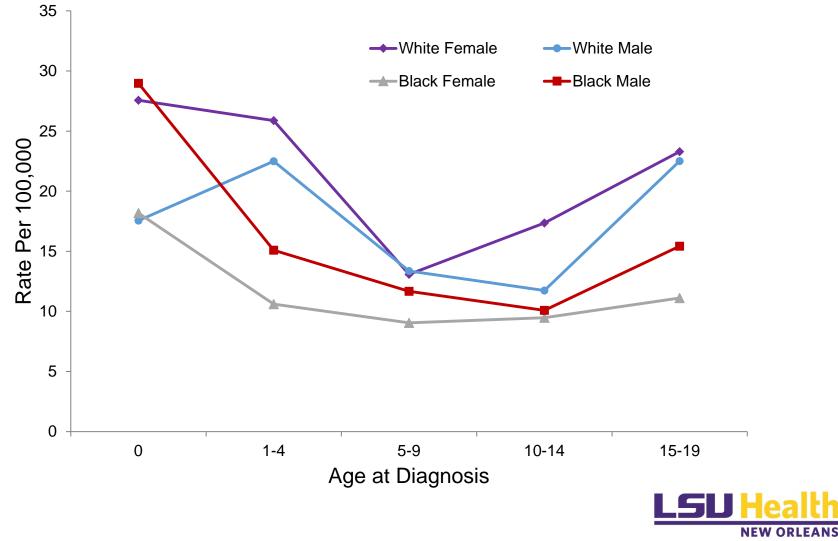
ECC Incidence Rates¹ by Cancer Site Louisiana, 2009-2013



¹ Age-adjusted to the 2000 U.S. standard population

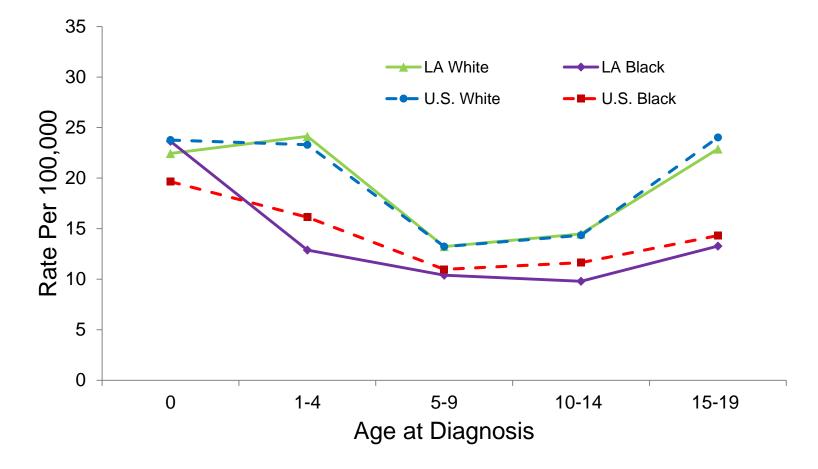


ECC: Age-Specific Cancer Incidence Rates Louisiana, 2009-2013



Louisiana Tumor Registry

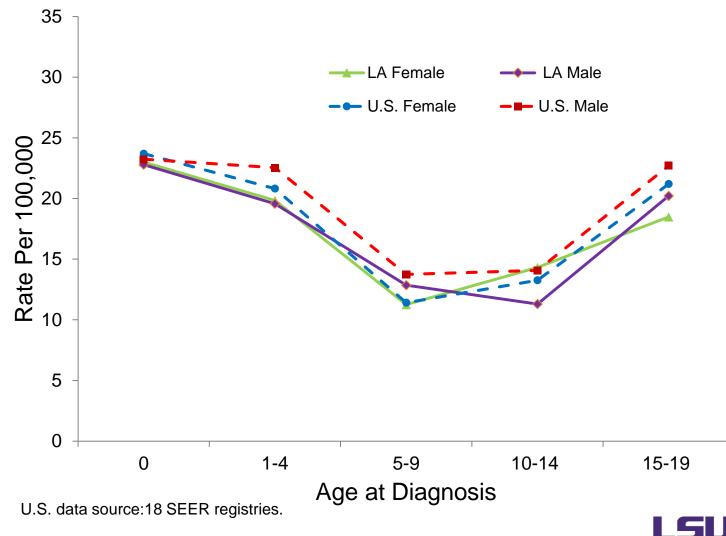
ECC: Age-Specific Incidence Rates by Race, 2009-2013



U.S. data source:18 SEER registries.

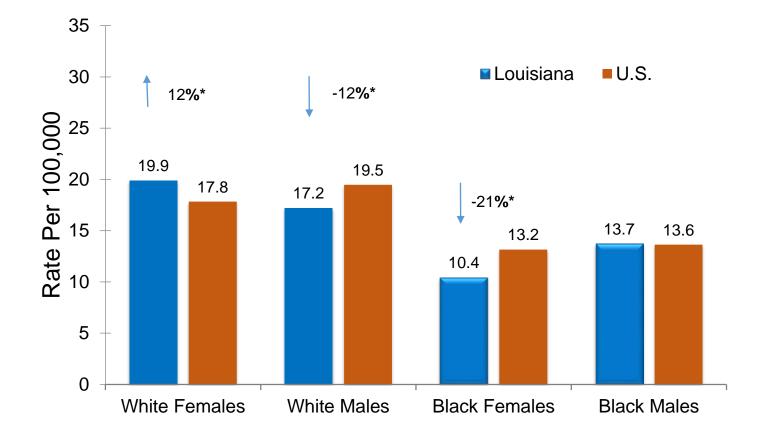


ECC: Age-Specific Incidence Rates by Gender, 2009-2013



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ECC: Incidence Rates¹ Louisiana vs. US², 2009-2013



¹ Age-adjusted to the 2000 U.S. standard population.

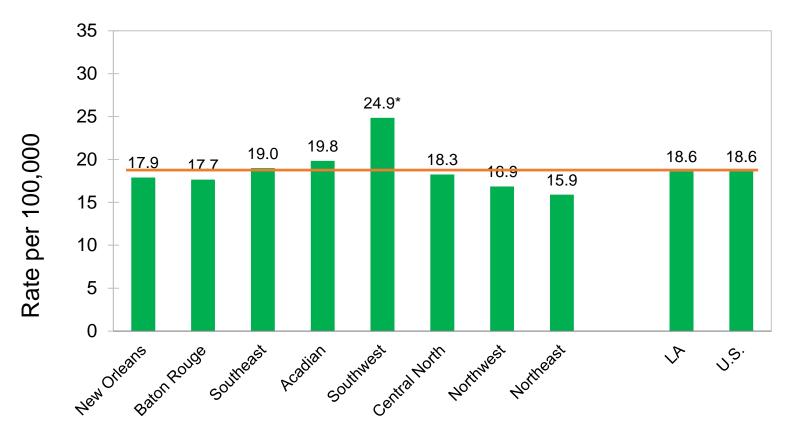
² Incidence data source:18 SEER registries.

* Incidence rate of Louisiana is significantly different from that of U.S.





ECC: Incidence Rates^{1,2} by Region Louisiana, Whites, 2009-2013



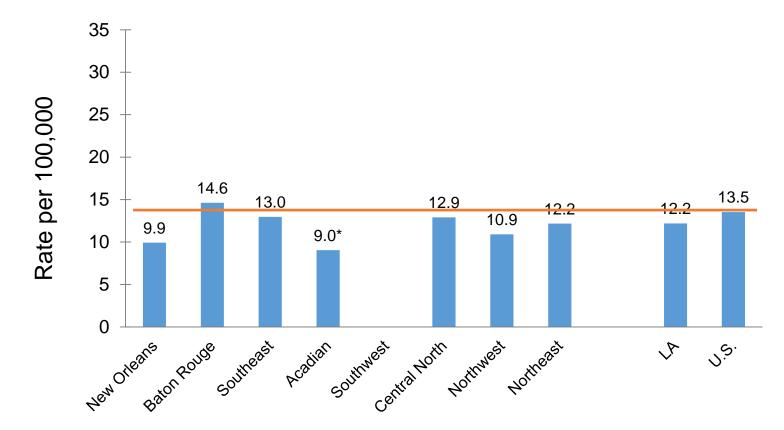
¹ Age-adjusted to the 2000 US standard population.

² Data source for US was the 18 SEER registries.

* Incidence rate of regions/Louisiana is significantly different from that of US.



ECC: Incidence Rates^{1,2} by Region Louisiana, Blacks, 2009-2013

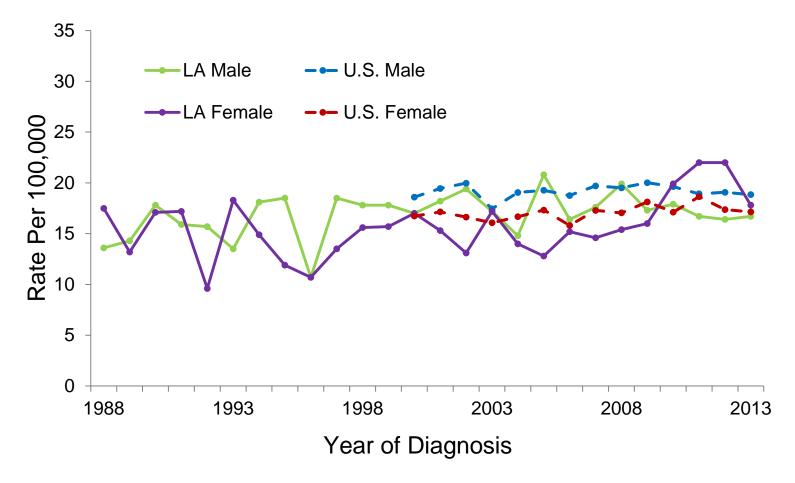


¹ Age-adjusted to the 2000 US standard population. ² Data source for US was the 18 SEER registries. The rate of SW is not shown due to too few cases (<16).

* Incidence rate of regions/Louisiana is significantly different from that of US.



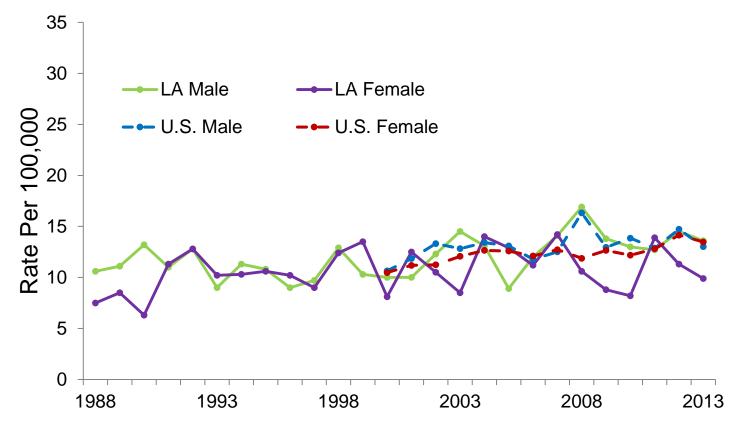
ECC: Trends of Incidence Rates^{1,2} Whites, 1988-2013



¹ Age-adjusted to the 2000 US standard population. ² U.S. data source: 18 SEER registries.



ECC: Trends of Incidence Rates^{1,2} Blacks,1988-2013



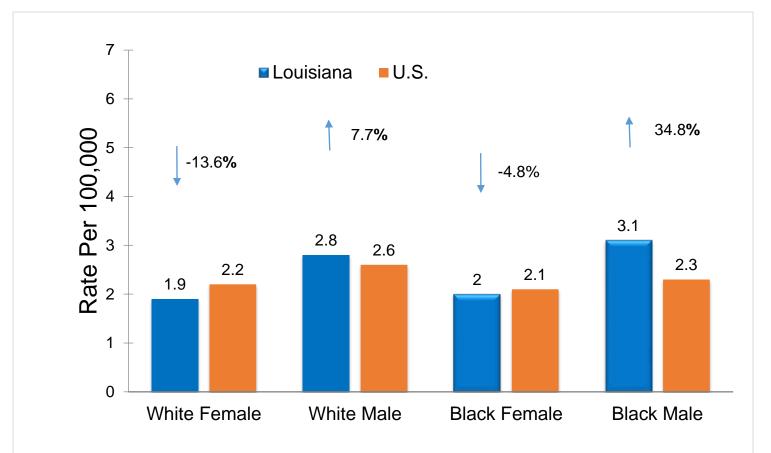
Year of Diagnosis

¹ Age-adjusted to the 2000 US standard population.

² US data source: 18 SEER registries.



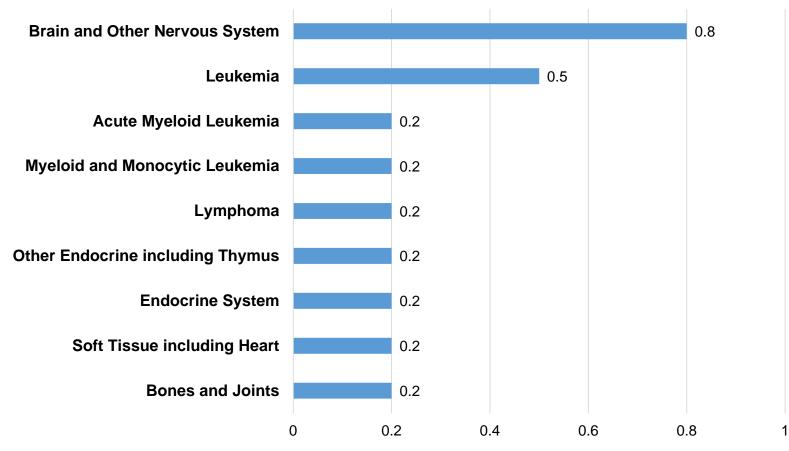
ECC: Cancer Mortality Rates¹ Louisiana vs. US², 2009-2013



 1 Age-adjusted to the 2000 US standard population. 2 Data source: 18 SEER registries. No mortality rate of Louisiana $\,$ is significant different from that of US .

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ECC: Cancer Mortality Rates^{1,2} by Cancer Site

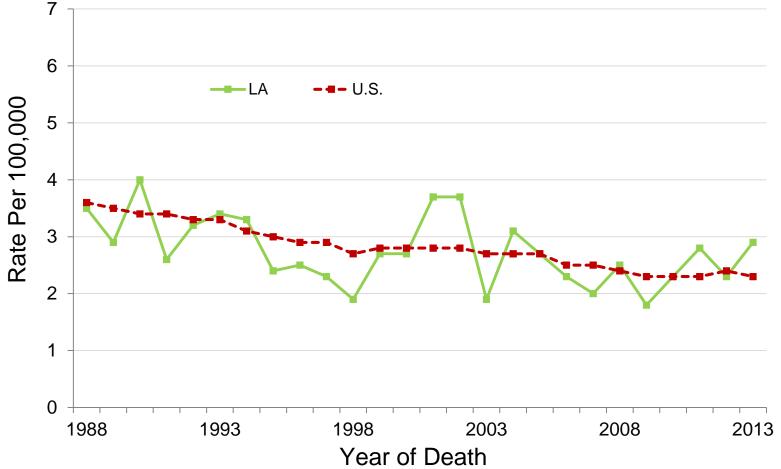


¹ Age-adjusted to the 2000 US standard population.

² Data source was National Center of Health Statistics (NCHS).



ECC: Trends of Cancer Mortality Rates^{1,2} 1988-2013

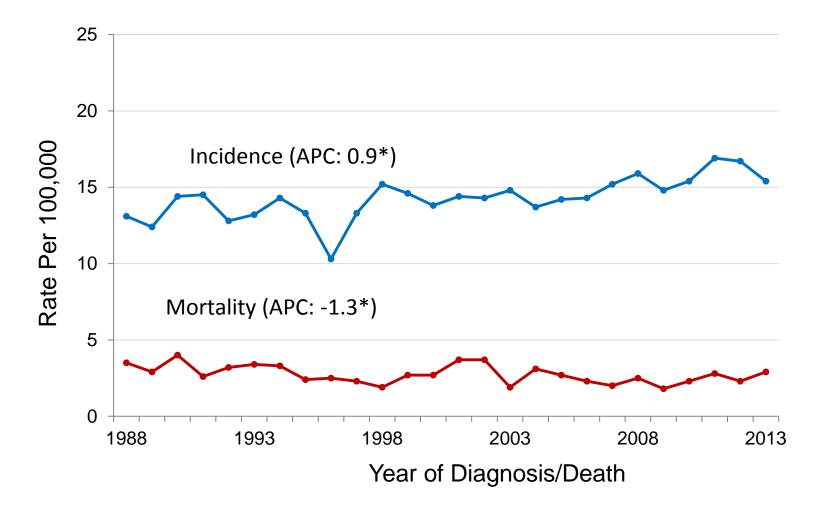


¹ Age-adjusted to the 2000 US standard population.

² Data source: National Center of Health Statistics (NCHS).



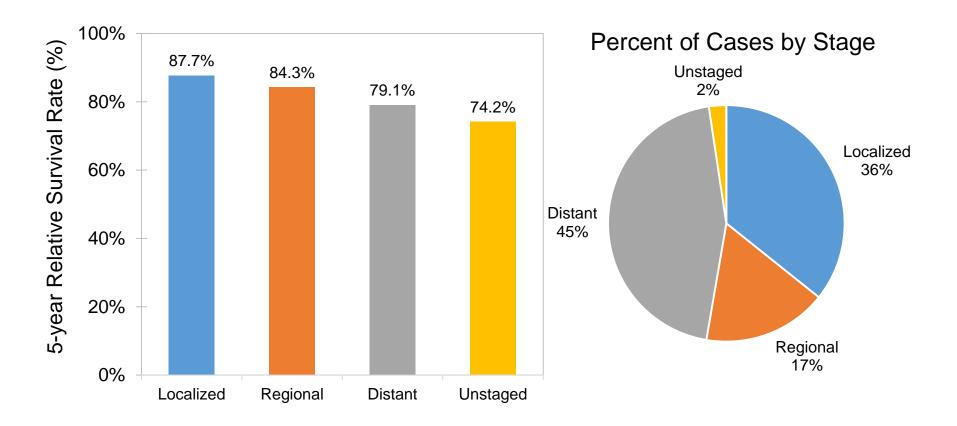
ECC: Trends of Incidence and Mortality Rates Louisiana, 1988-2013



*APCs were calculated using weighted least squares method

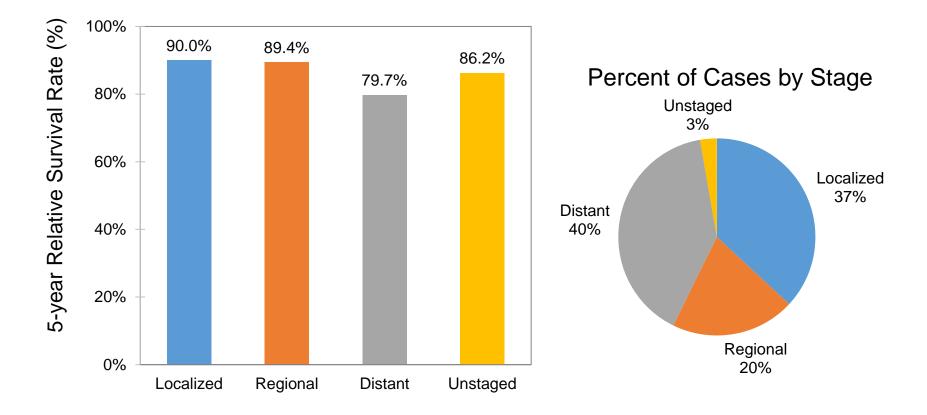


ECC¹: Louisiana, White Males, 2006-2012



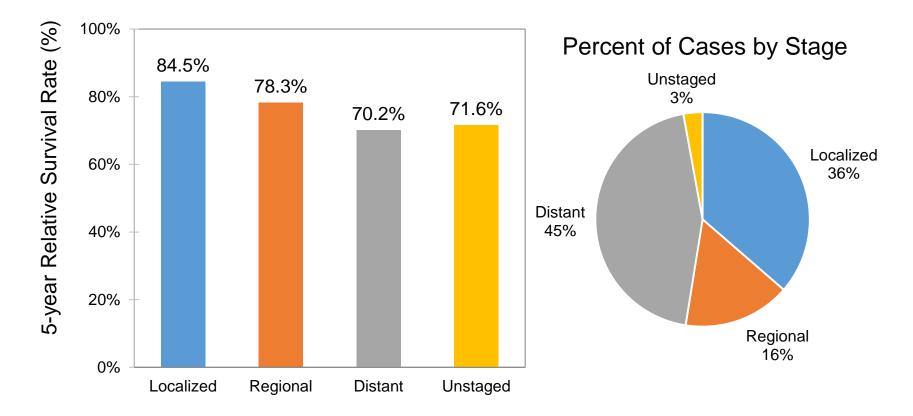


ECC¹: Louisiana, White Females, 2006-2012



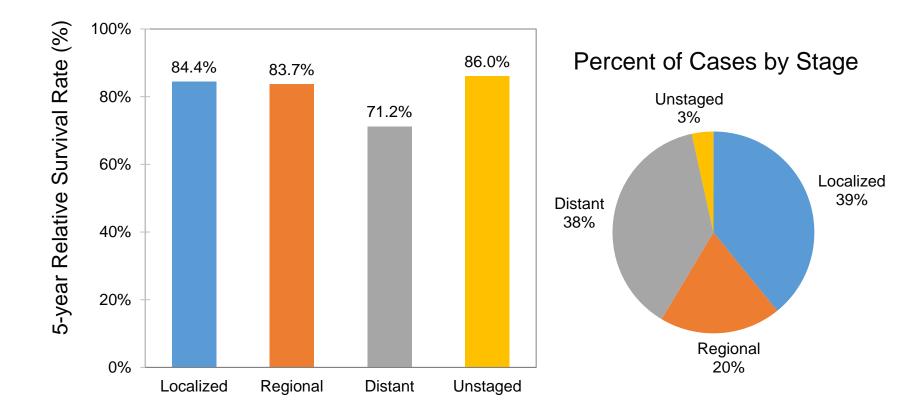


ECC¹: Louisiana, Black Males, 2006-2012





ECC¹: Louisiana, Black Females, 2006-2012





Data Sources

Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER*Stat Databases, National Cancer Institute, DCCPS, Surveillance Research Program, Surveillance Systems Branch, released April 2016, based on the November 2015 submission.

For Incidence:

- Incidence SEER 18 Regs Research Data + Hurricane Katrina Impacted Louisiana Cases, Nov 2015 Sub (2000-2013) <Katrina/Rita Population Adjustment>
- SEER*DMS LTR 1988-2013, June 7, 2016

For Mortality:

 mortality – all COD, aggregated with States, Total U.S. (1969-2013) <Katrina/Rita Population Adjustment>

For Survival:

 Incidence - SEER 18 Regs Research Data + Hurricane Katrina Impacted Louisiana Cases, Nov 2015 Sub (1973-2013 varying)



Acknowledgements

- Hospital cancer registries (<u>http://louisianatumorregistry.lsuhsc.edu/</u>)
- Louisiana Cancer Registrars' Association (<u>http://www.lcra-usa.org/</u>)
- Physicians and staff members in:
 - Medical records offices
 - Pathology laboratories
 - Physician offices and clinics
 - Hospice programs and nursing homes
- Regional and central offices of the Louisiana Tumor Registry (<u>http://louisianatumorregistry.lsuhsc.edu/regionalregistries.html</u>)
- School of Public Health, LSU Health Sciences Center–New Orleans
- Louisiana Cancer and Lung Trust Fund Board
- Coroners' offices



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