

Louisiana Cancer Facts & Figures, Pancreatic Cancer, 2016

Louisiana Tumor Registry

September, 2016

Pancreatic Cancer*

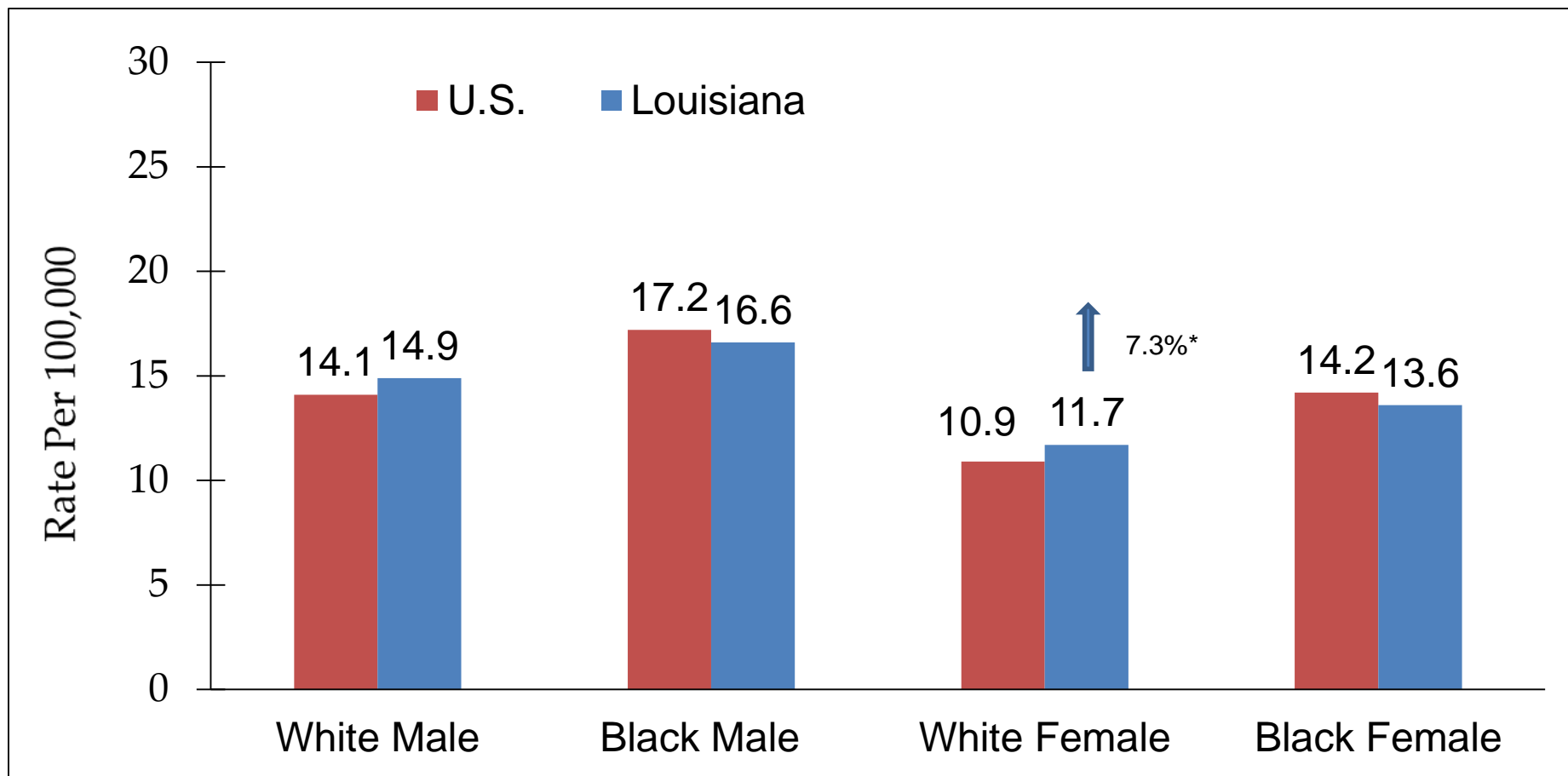
- Pancreatic cancer was the 10th most commonly diagnosed cancer in Louisiana, and 12th in the U.S. ¹
- It was the 5th leading cause of cancer death in both Louisiana and the U.S. ¹
- About 850 new Pancreatic cancer cases are expected to be diagnosed and about 650 persons are expected to die of this cancer in Louisiana in 2016. ²

1. Data source: Centers for Disease Control and Prevention

2. Data source: American Cancer Society, Cancer Facts & Figures 2016

* ICD_O_3/WHO 2008 code:C250-C259; excluding ICD-O-3 histology (type): 9050-9055, 9140, 9590-9992

Pancreatic Cancer: Incidence Rates¹ Louisiana vs. U.S.,² 2009-2013

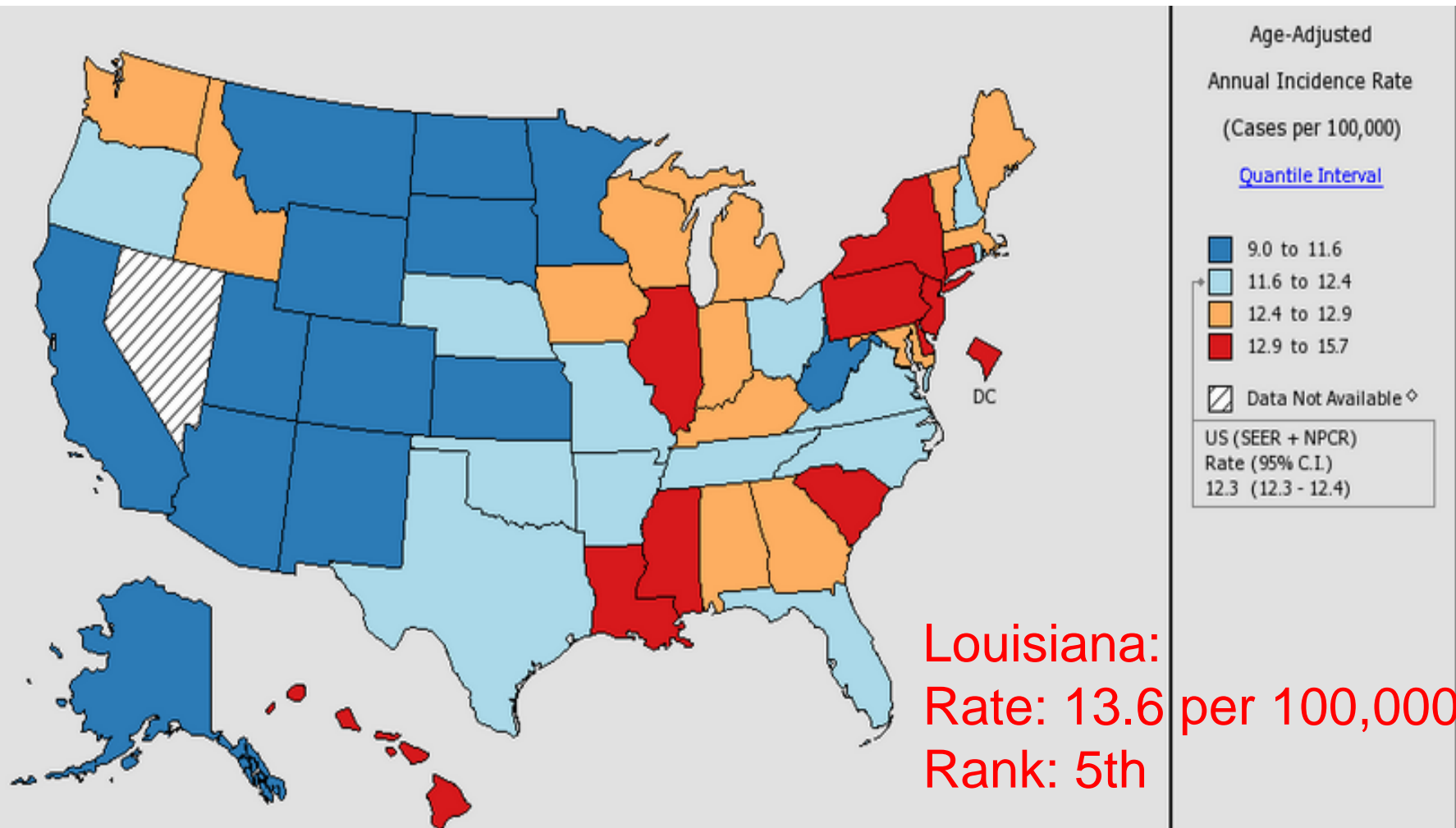


¹ Age-adjusted to the 2000 U.S. standard population.

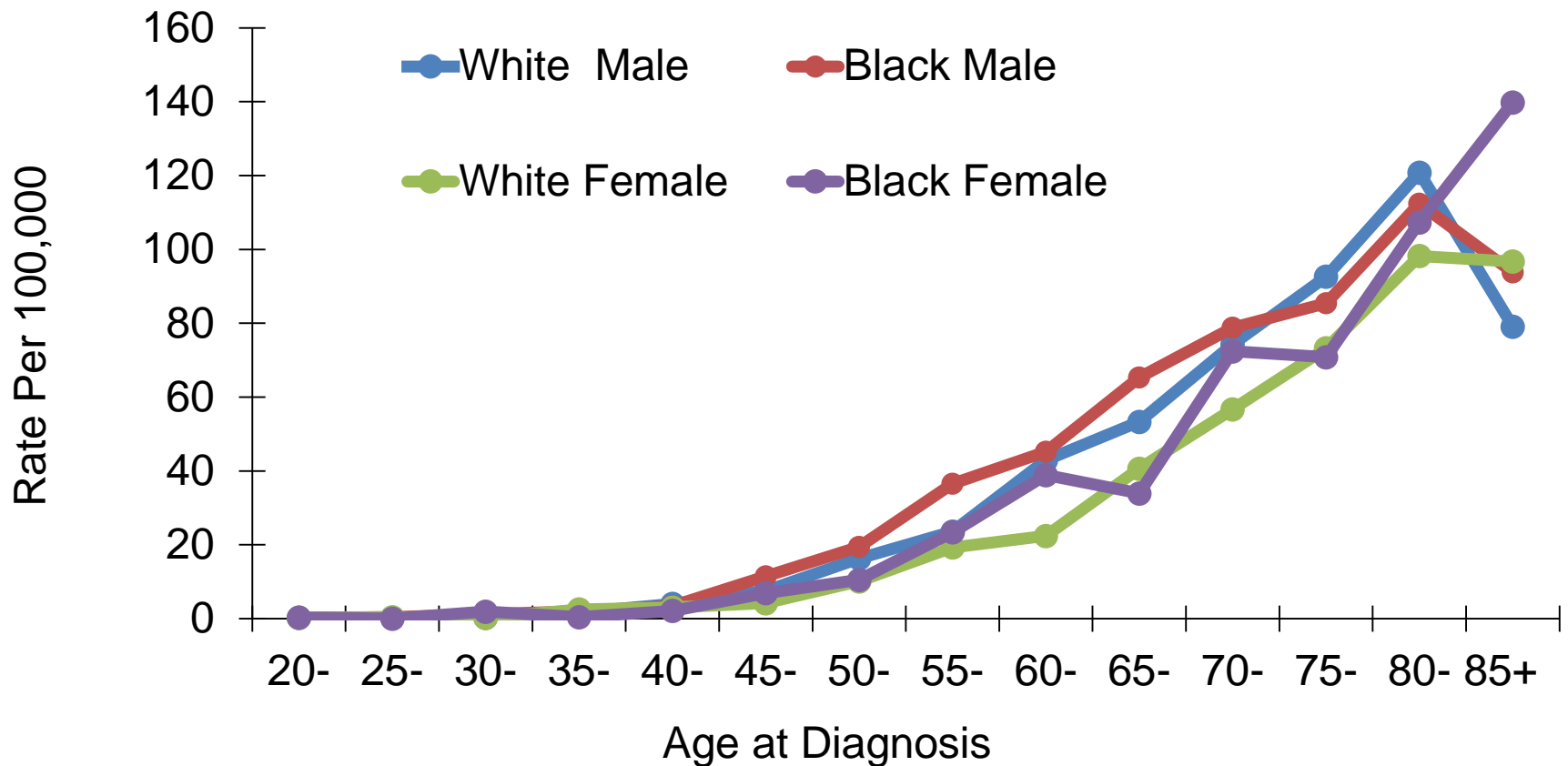
² Incidence data source: 18 SEER registries.

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

Incidence Rates of Pancreatic Cancer in the U.S. All Races, Both Sexes, 2009-2013

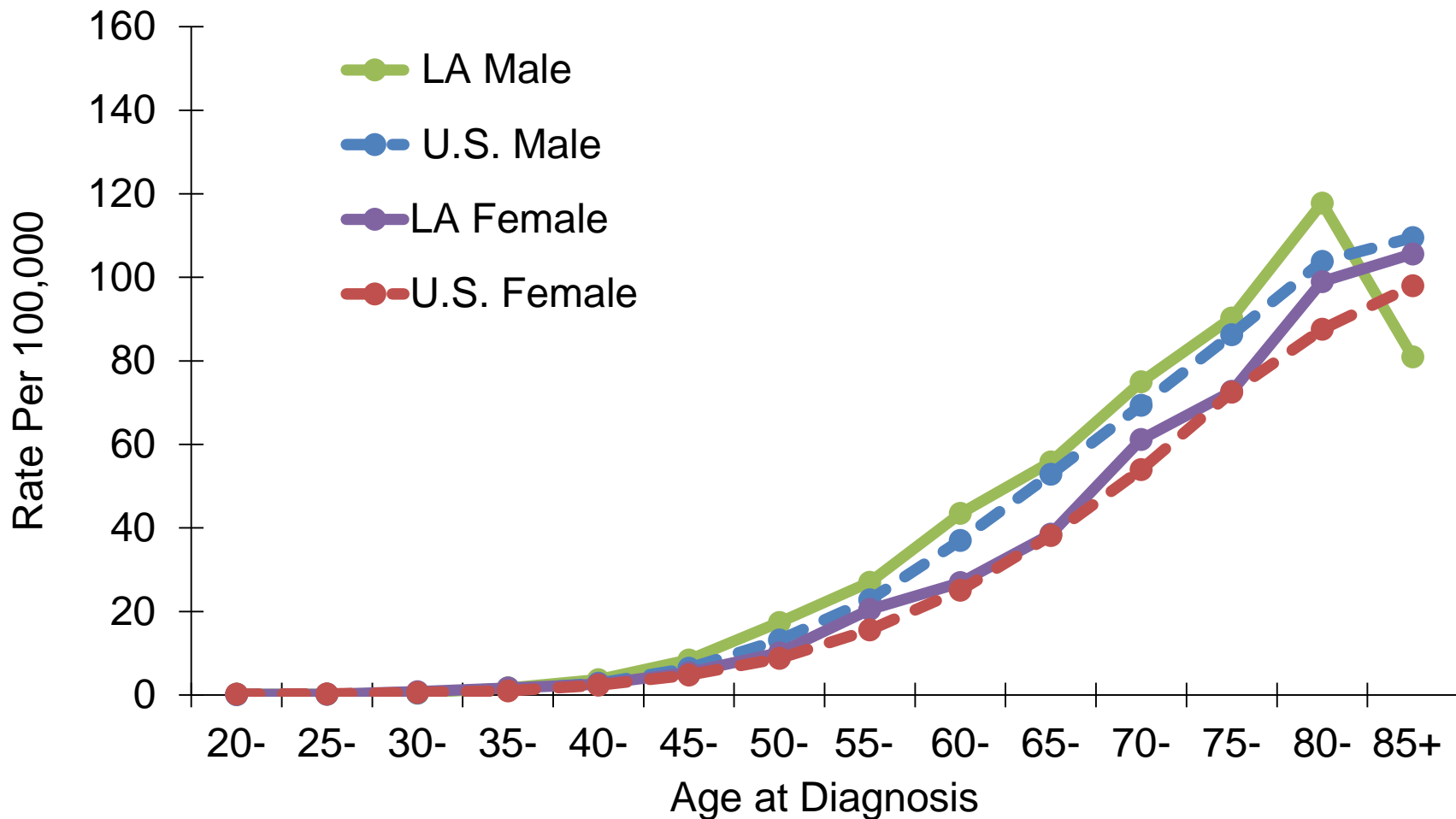


Pancreatic Cancer: Age-Specific Incidence Rates Louisiana, 2009-2013



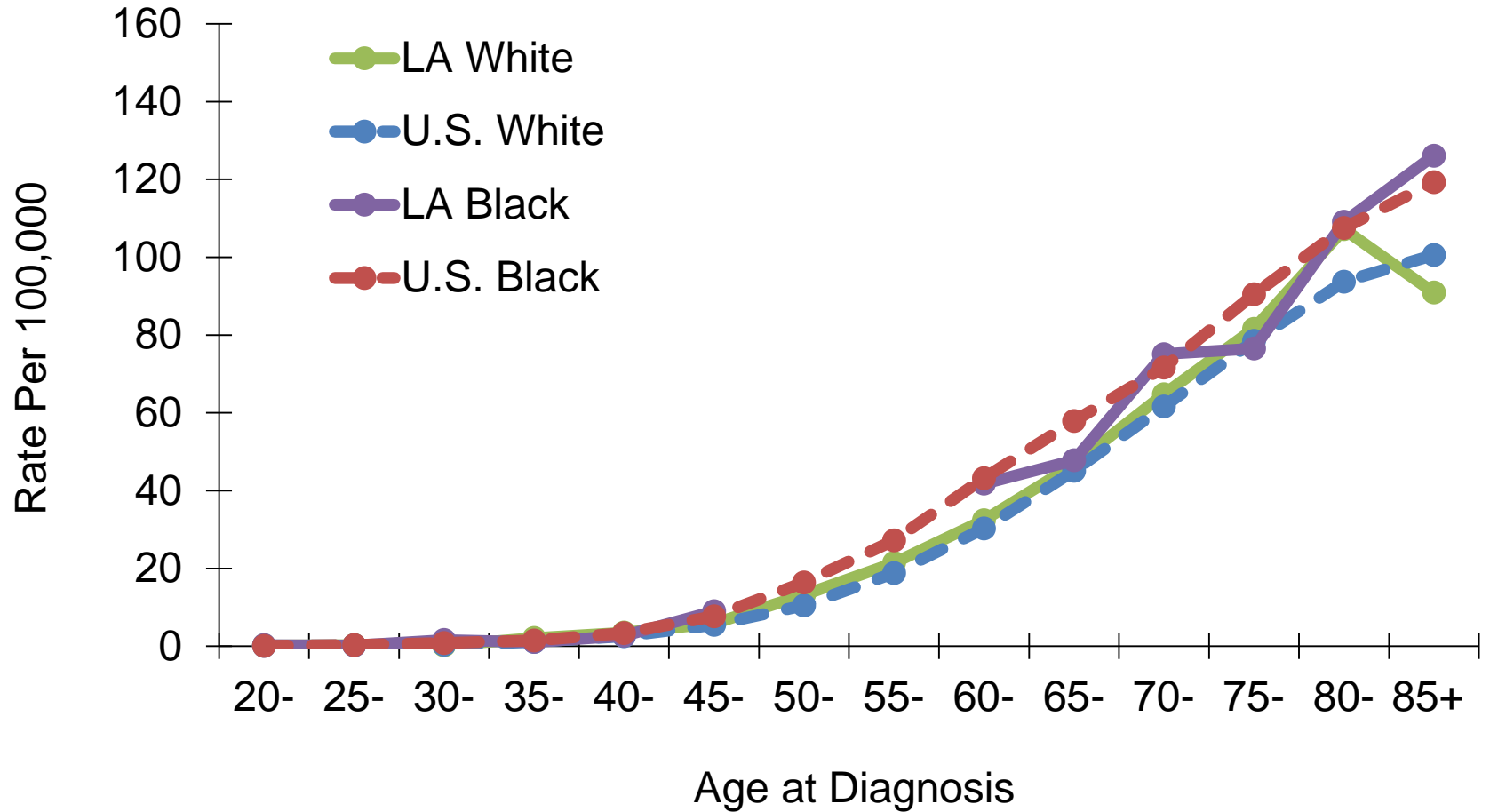
U.S. data source: 18 SEER registries.

Pancreatic Cancer : Age-Specific Incidence Rates by Gender, 2009-2013



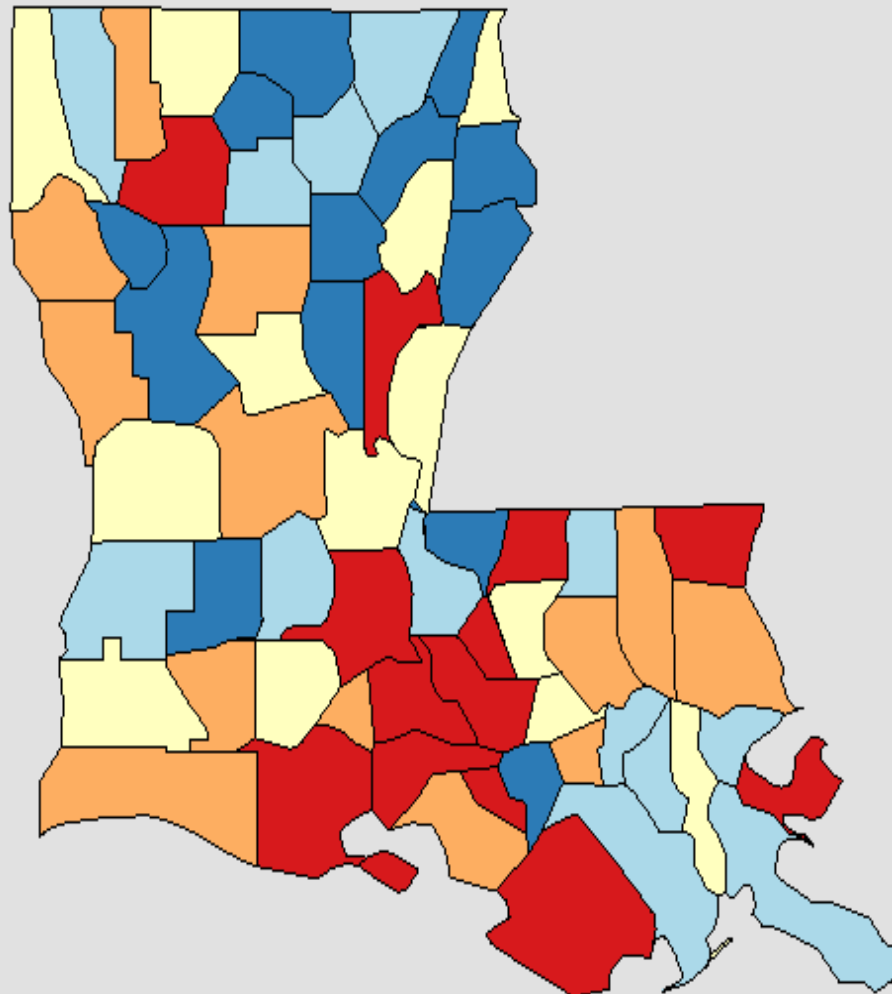
U.S. data source: 18 SEER registries.

Pancreatic Cancer : Age-Specific Incidence Rates by Race, 2009-2013



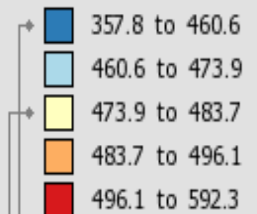
U.S. data source: 18 SEER registries.

Incidence Rates of Pancreatic Cancer in Louisiana, All Races, Both Sexes, 2009-2013



Age-Adjusted
Annual Incidence Rate
(Cases per 100,000)

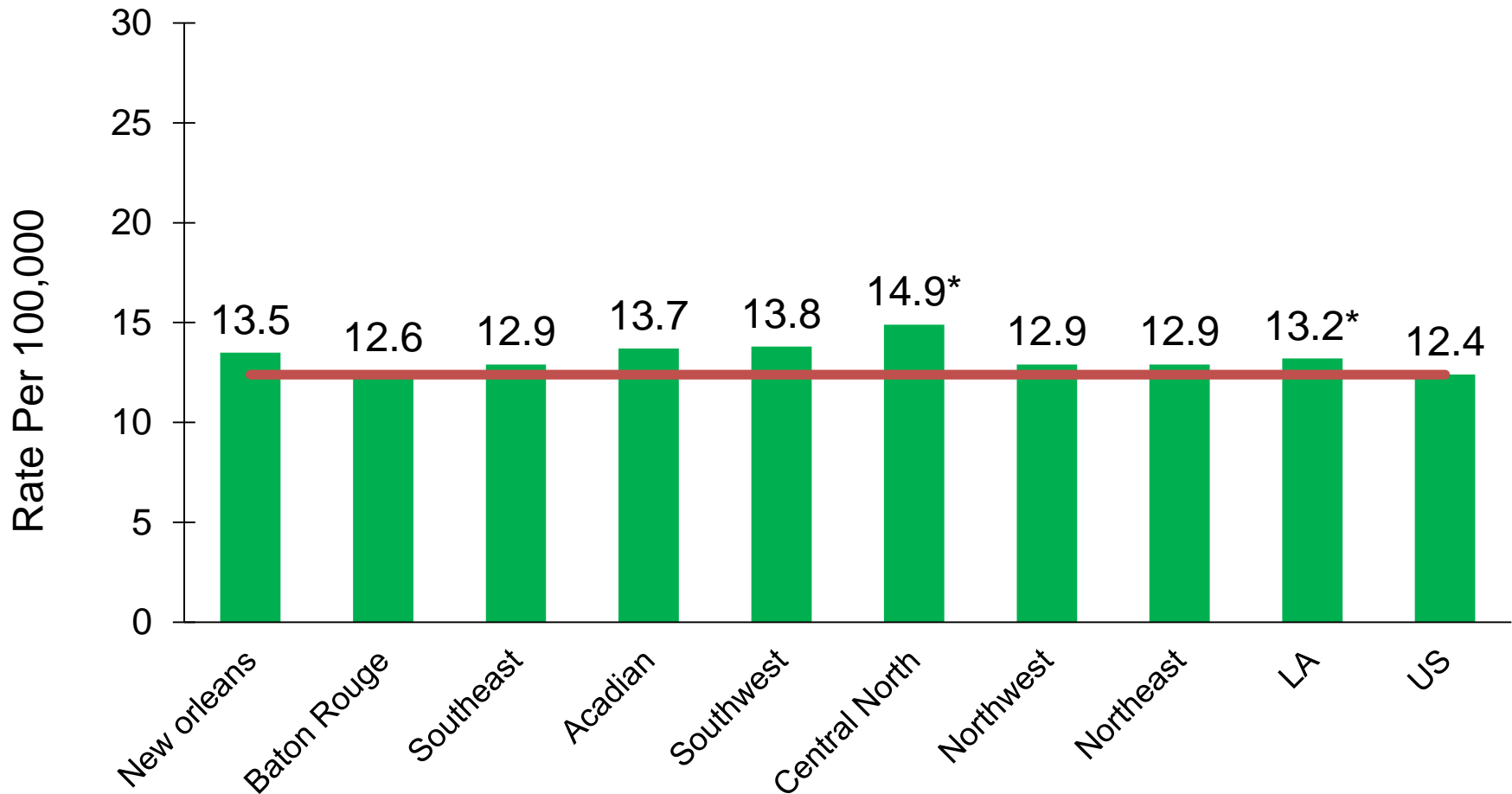
[Quantile Interval](#)



US (SEER + NPCR)
Rate (95% C.I.)
448.4 (448.1 - 448.7)

Louisiana
Rate (95% C.I.)
482.3 (479.5 - 485.1)

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

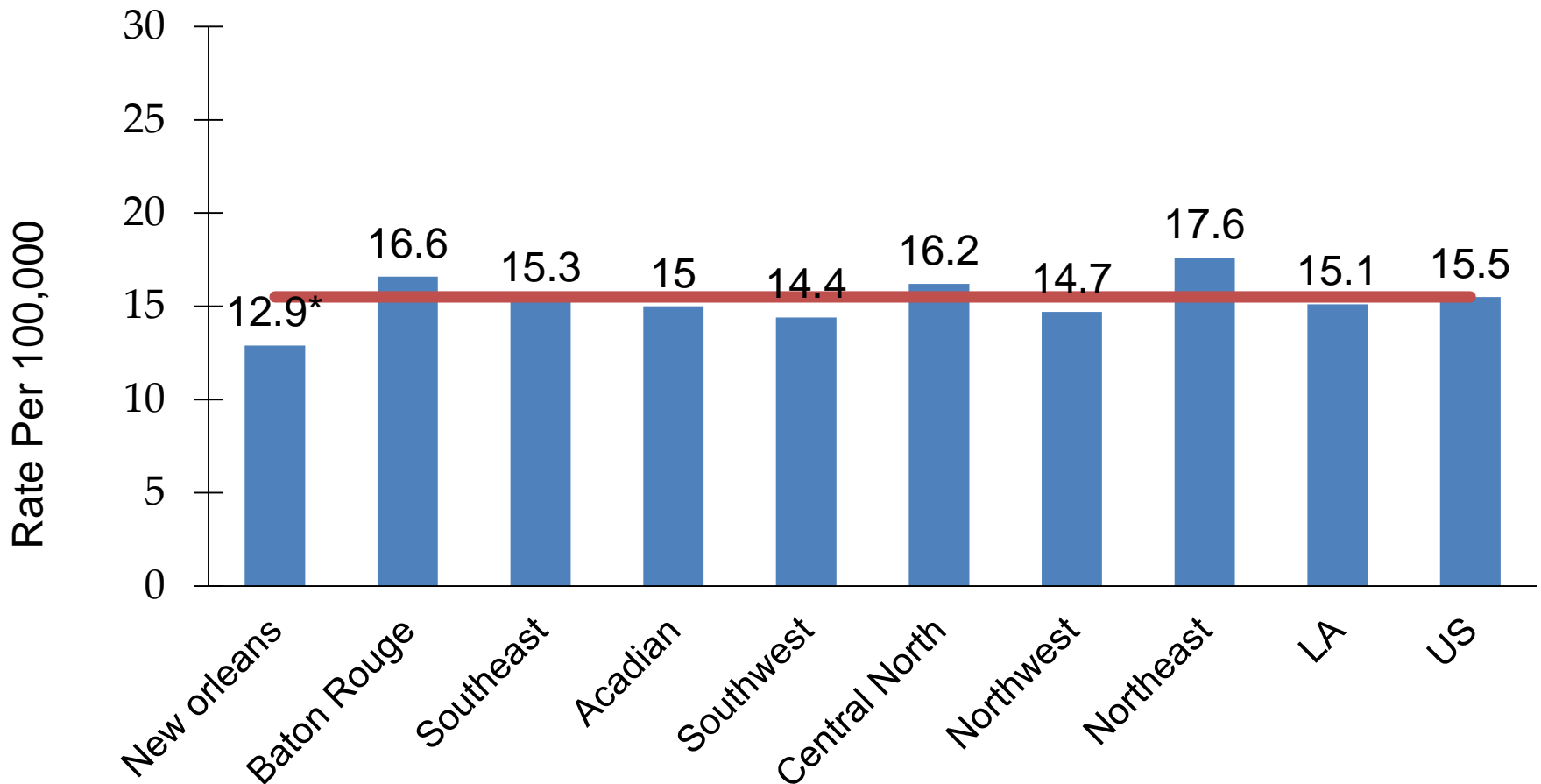


¹ Age-adjusted to the 2000 U.S. standard population.

² Data source for U.S. was the 18 SEER registries.

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

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

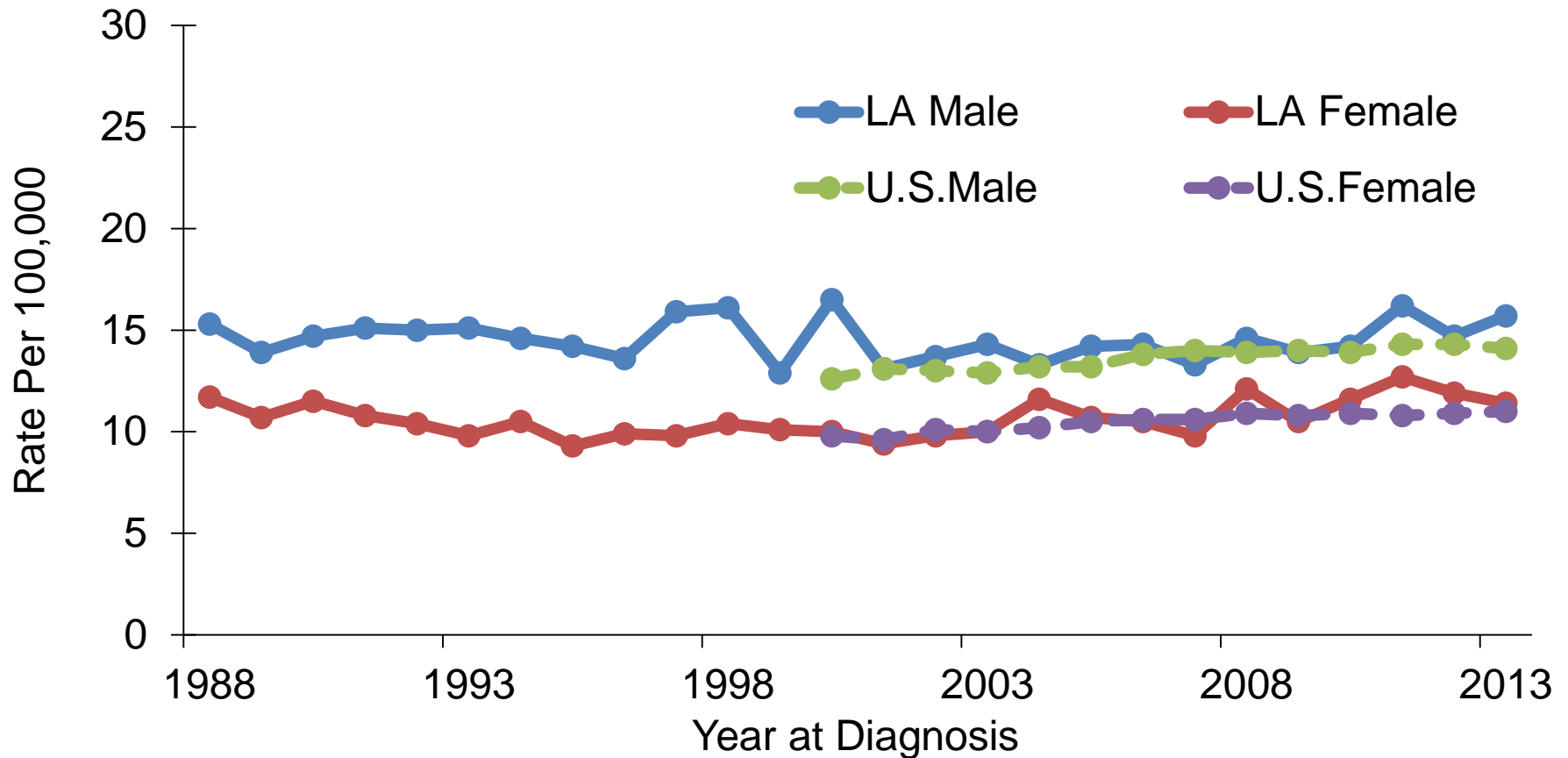


¹ Age-adjusted to the 2000 U.S. standard population.

² Data source for U.S. was the 18 SEER registries.

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

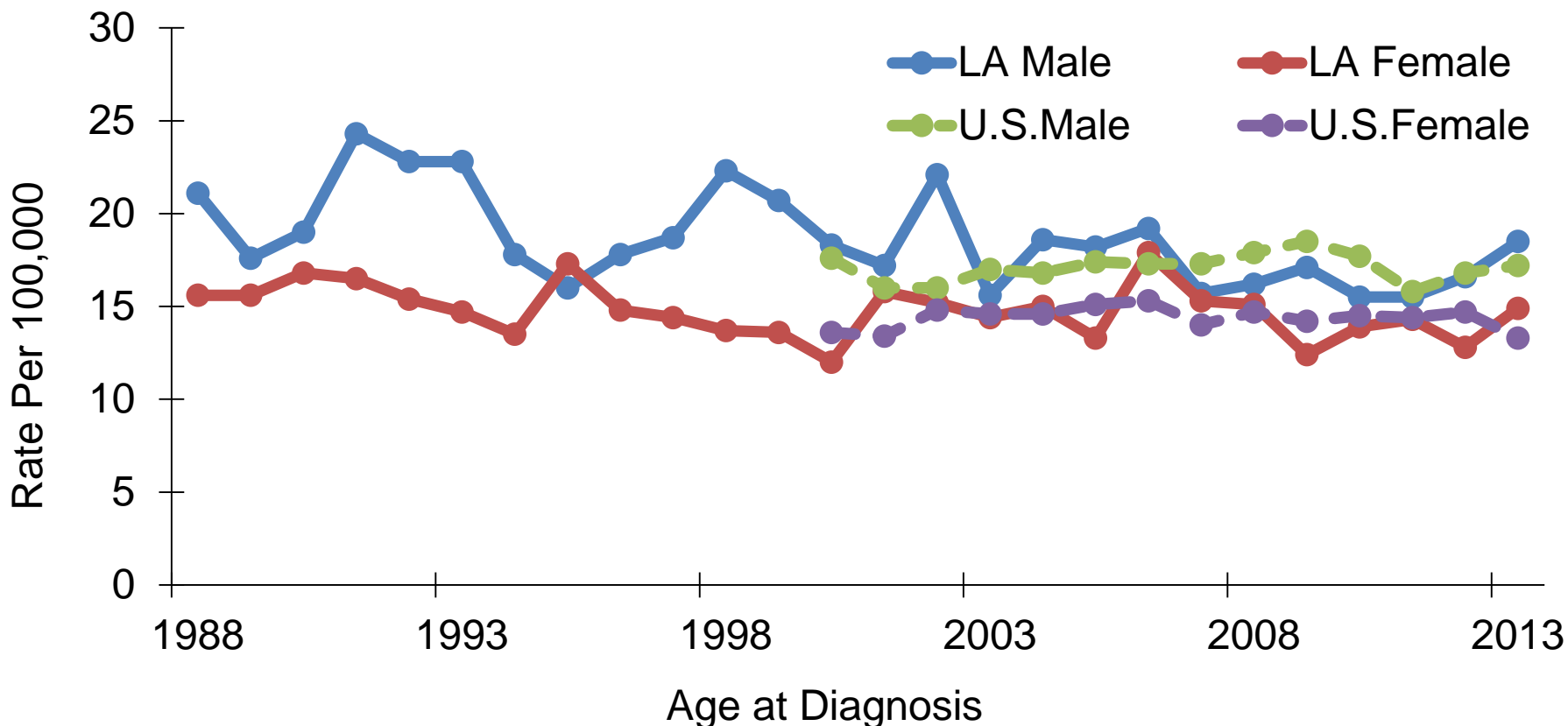
Pancreatic Cancer : Trends of Incidence Rates^{1,2} Whites, 1988-2013



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

² U.S. data source: 18 SEER registries.

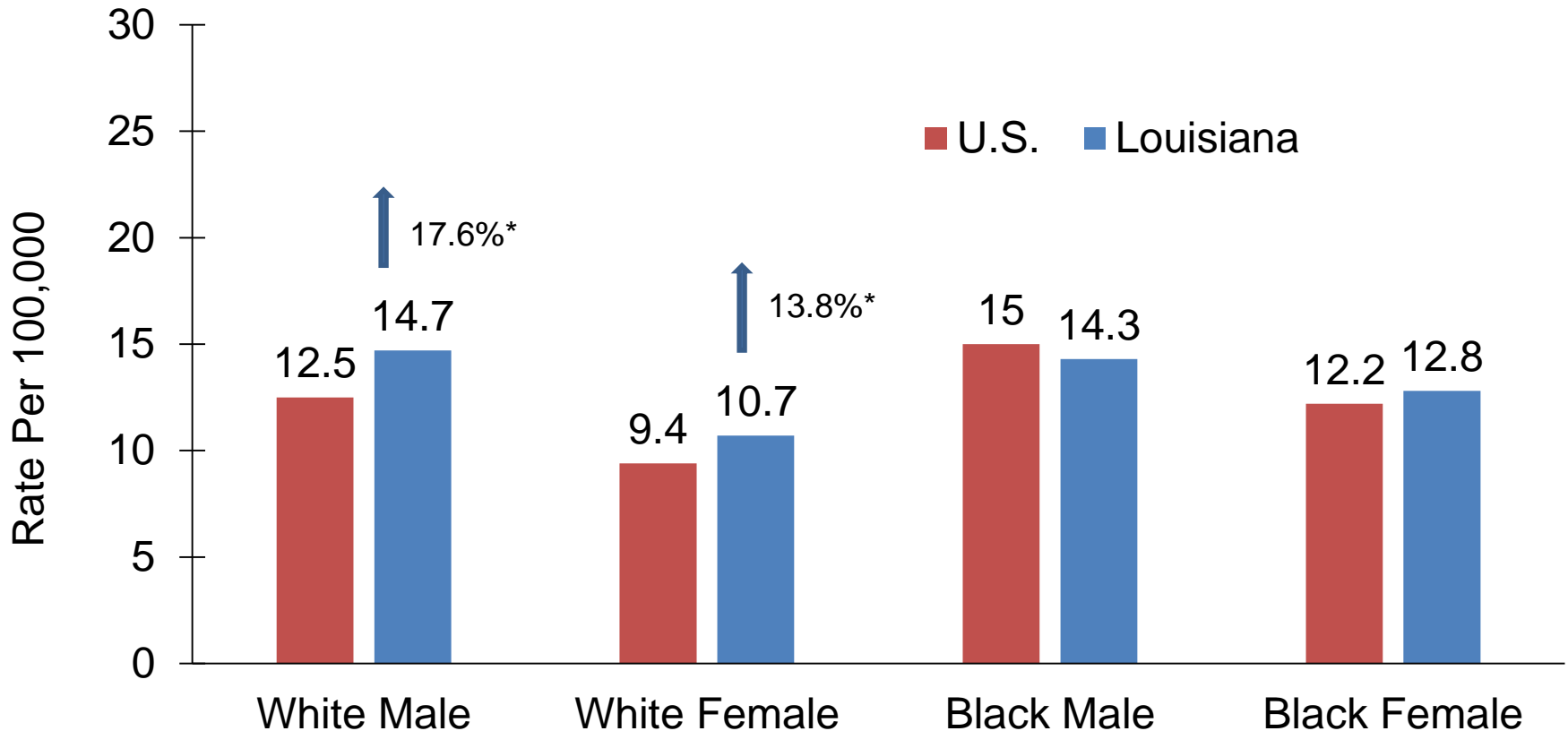
Pancreatic Cancer : Trends of Incidence Rates^{1,2}, Blacks, 1988-2013



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

² U.S. data source: 18 SEER registries.

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

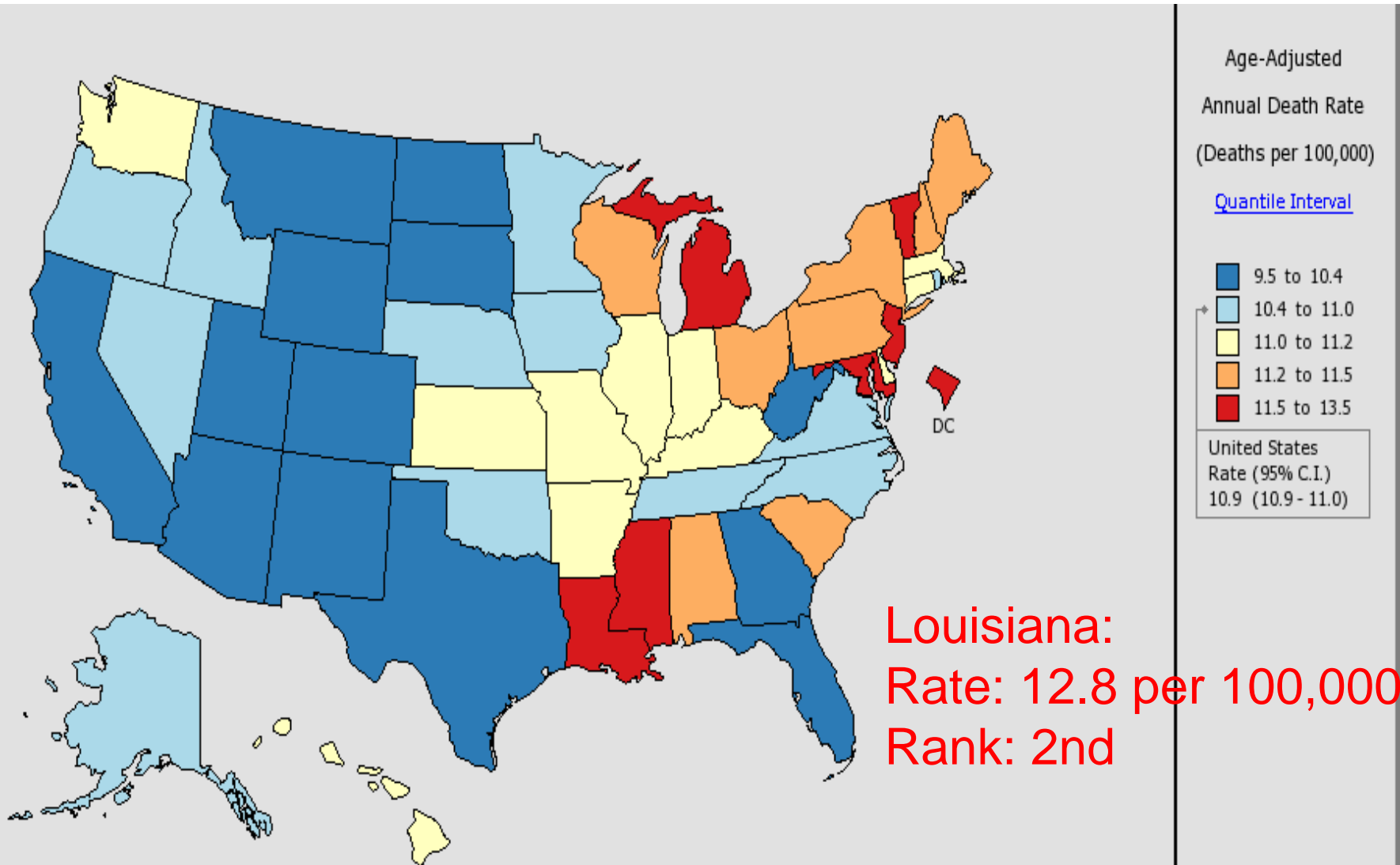


¹ Age-adjusted to the 2000 U.S. standard population.

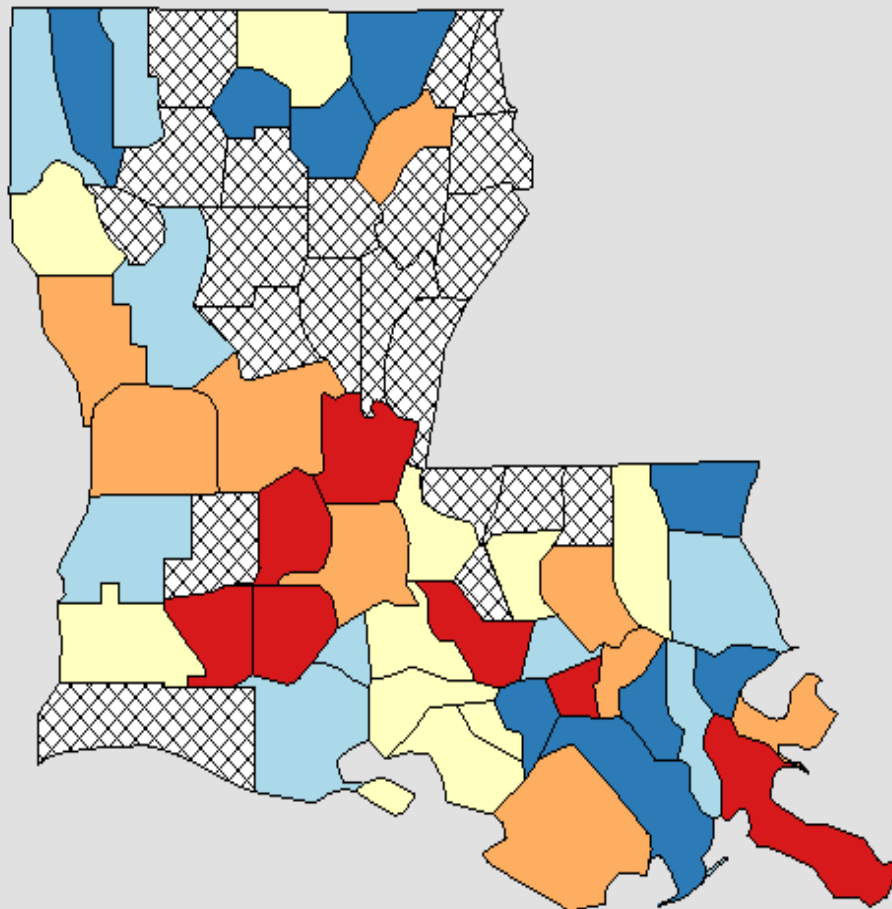
² Data source: National center of Health Statistics (NCHS).

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

Mortality Rates of Pancreatic Cancer in the U.S. All Races, Both Sexes, 2009-2013



Mortality Rates of Pancreatic Cancer in Louisiana, All Races, Both Sexes, 2009-2013



Age-Adjusted
Annual Death Rate
(Deaths per 100,000)

[Quantile Interval](#)

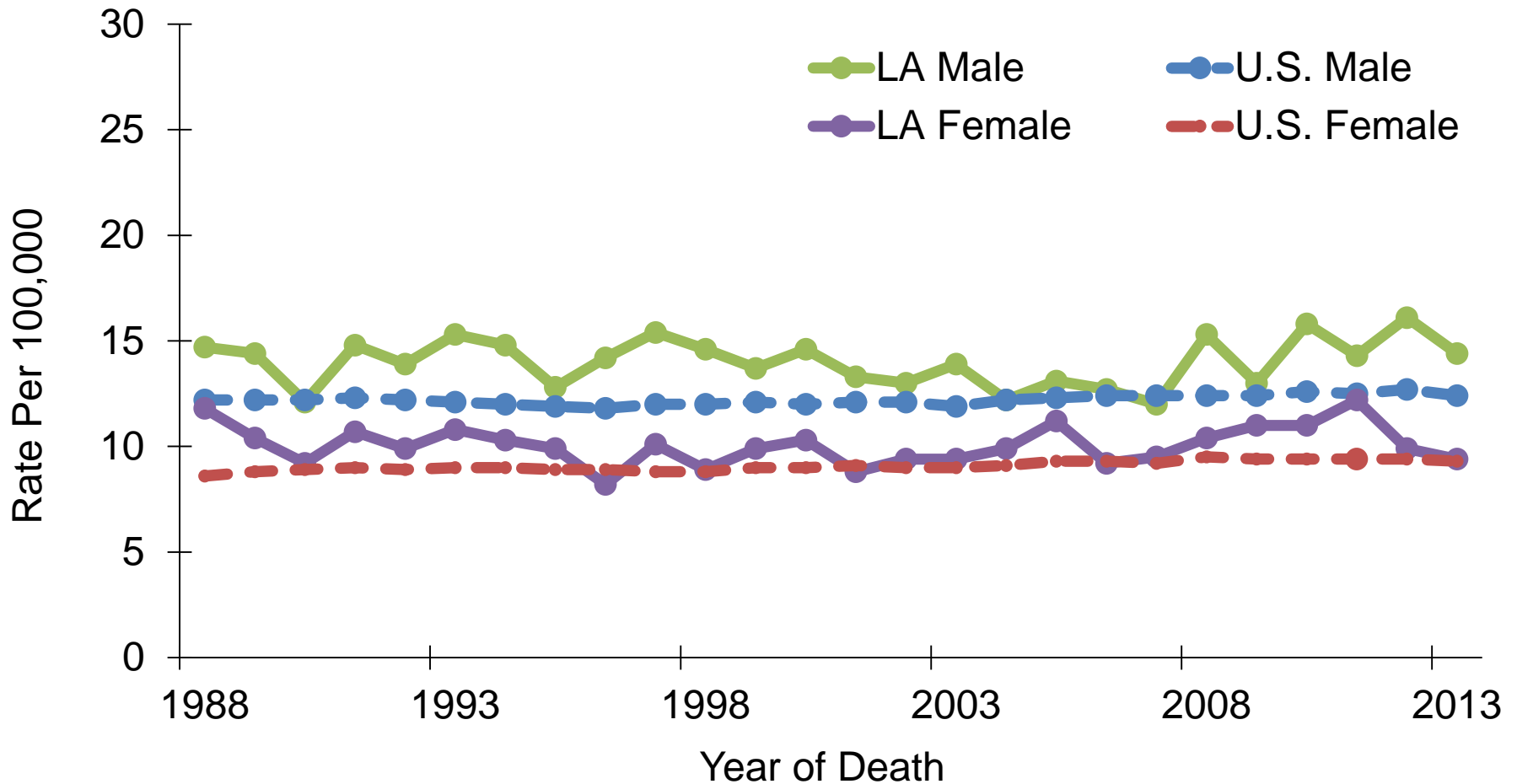
- 9.2 to 12.0
- 12.0 to 13.2
- 13.2 to 14.1
- 14.1 to 15.6
- 15.6 to 21.1

Suppressed*

United States
Rate (95% C.I.)
10.9 (10.9 - 11.0)

Louisiana
Rate (95% C.I.)
12.8 (12.3 - 13.3)

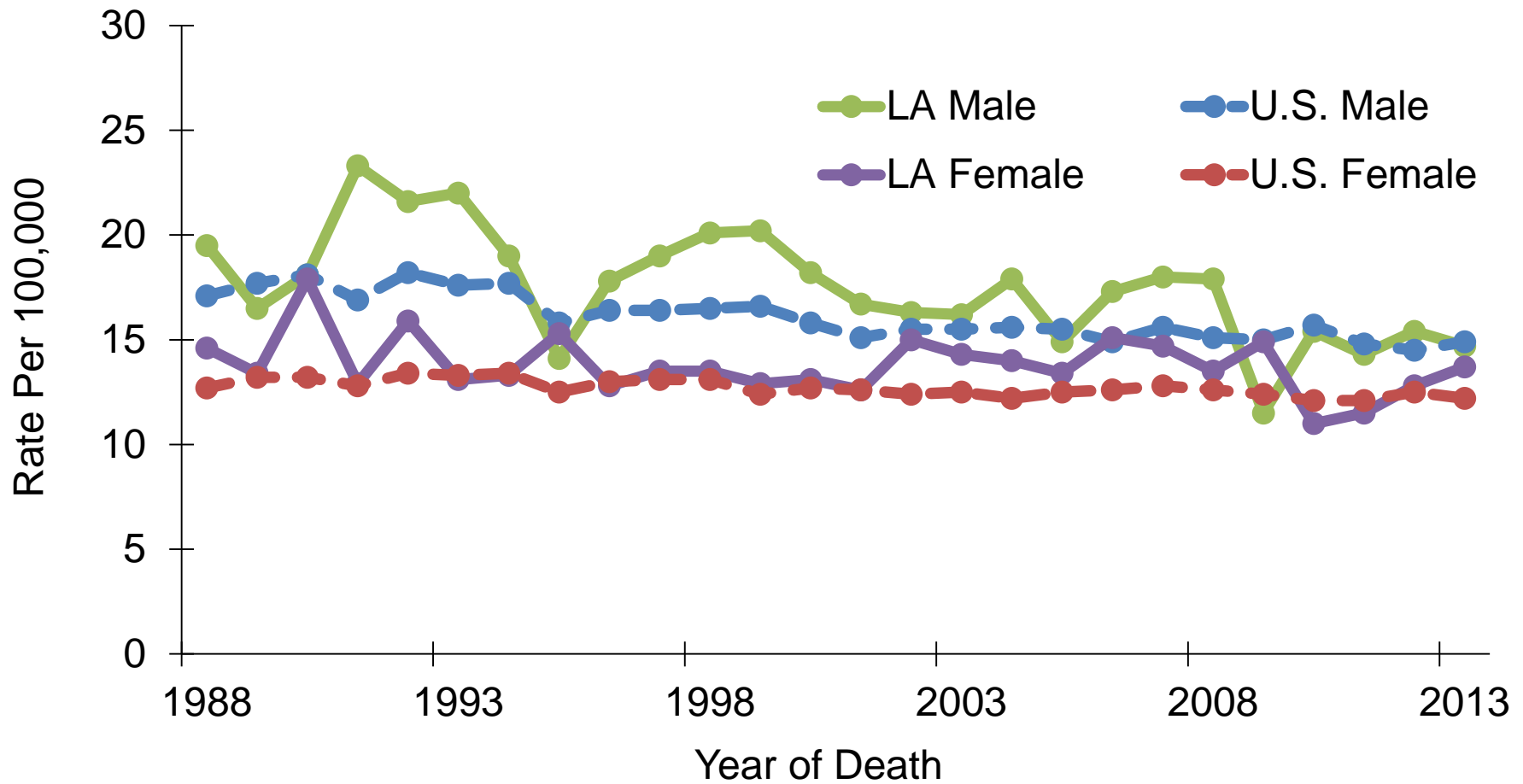
Pancreatic Cancer: Trends of Mortality Rates^{1,2}, Whites, 1988-2013



¹ Adjusted to the 2000 U.S. standard population.

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

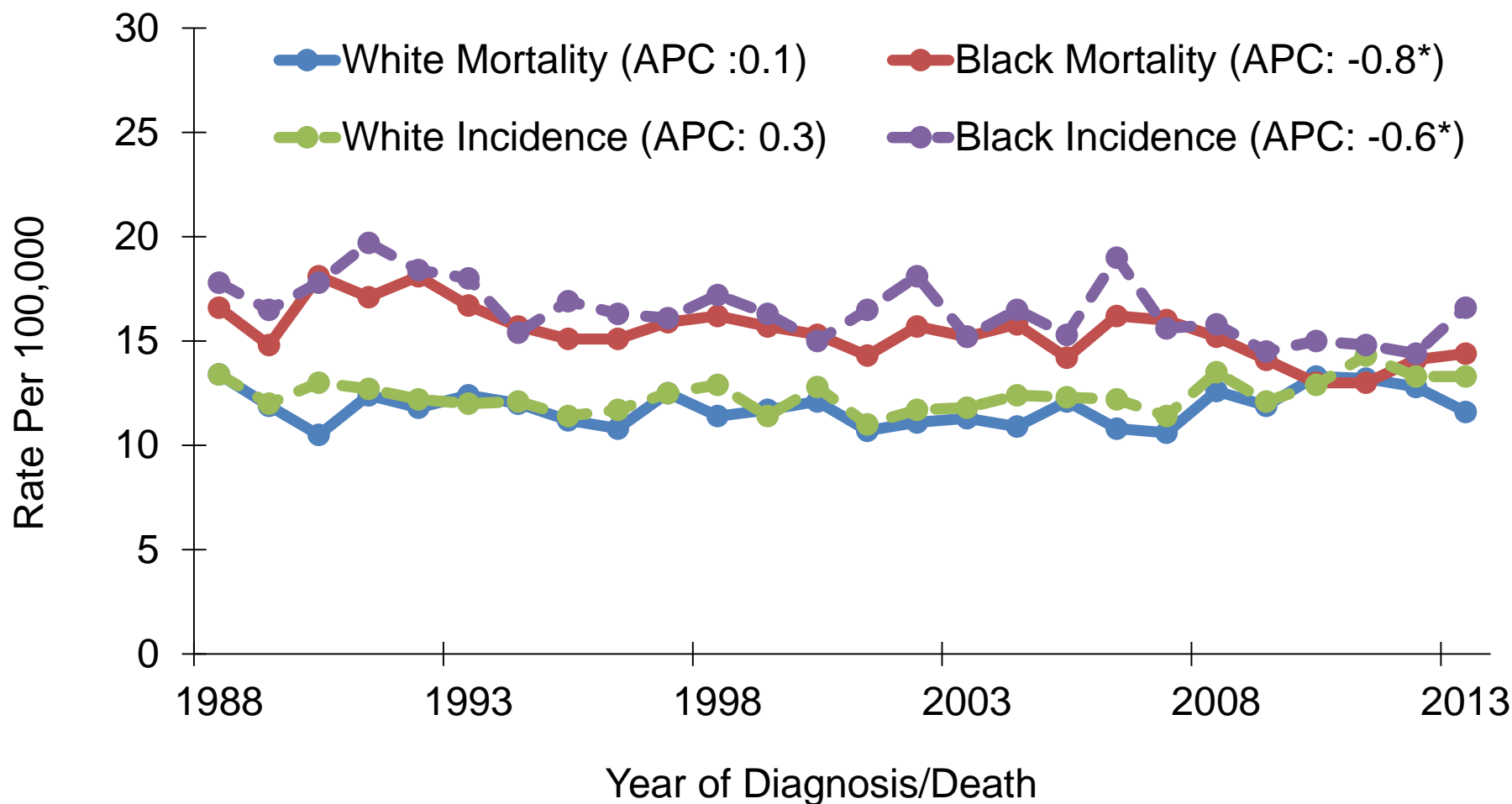
Pancreatic Cancer: Trends of Mortality Rates^{1,2}, Blacks, 1988-2013



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

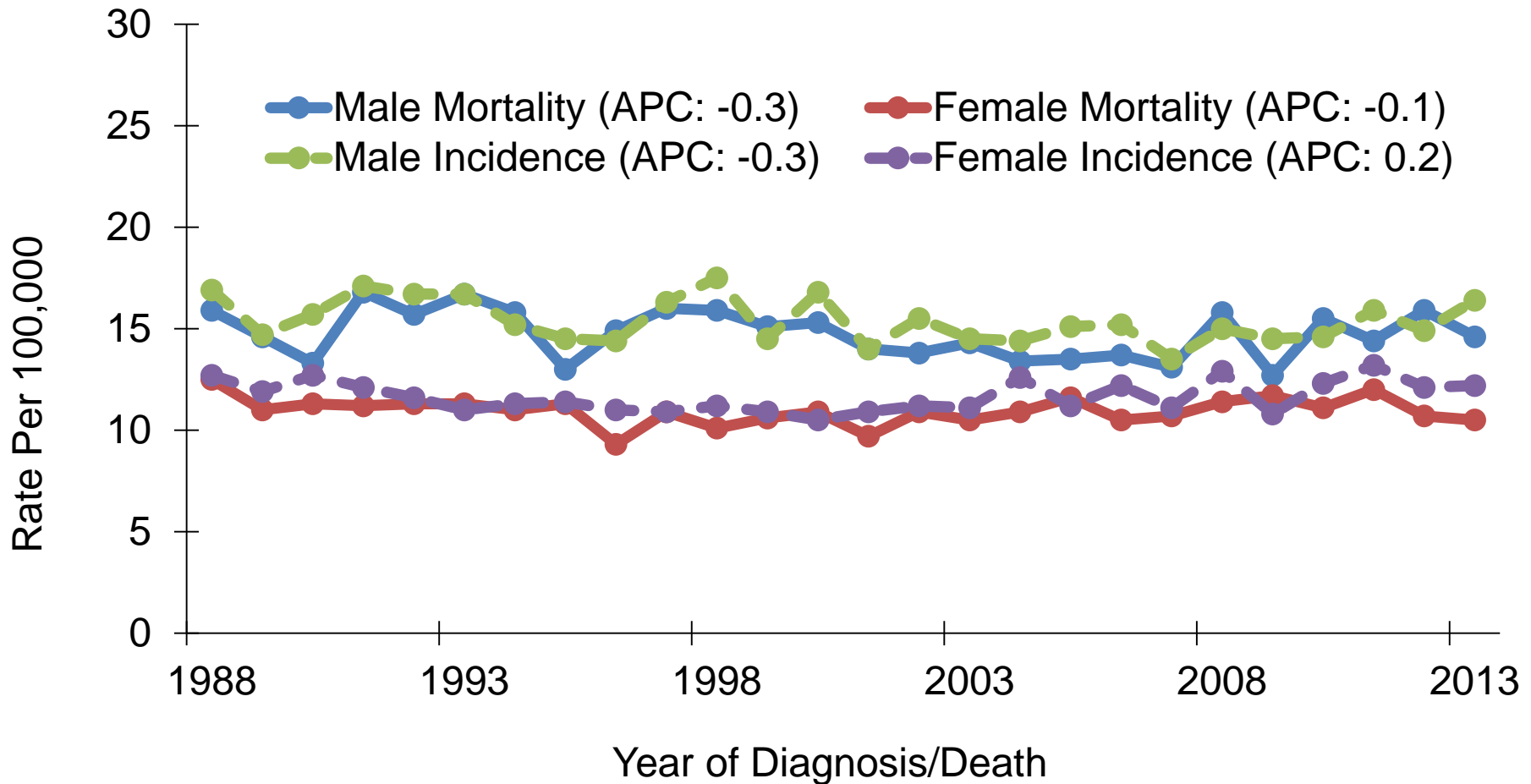
² Data source: National Center of Health Statistics (NCHS).

Pancreatic Cancer: Trends of Incidence and Mortality Rates by Race, Louisiana, 1988-2013



*APCs were calculated using weighted least squares method

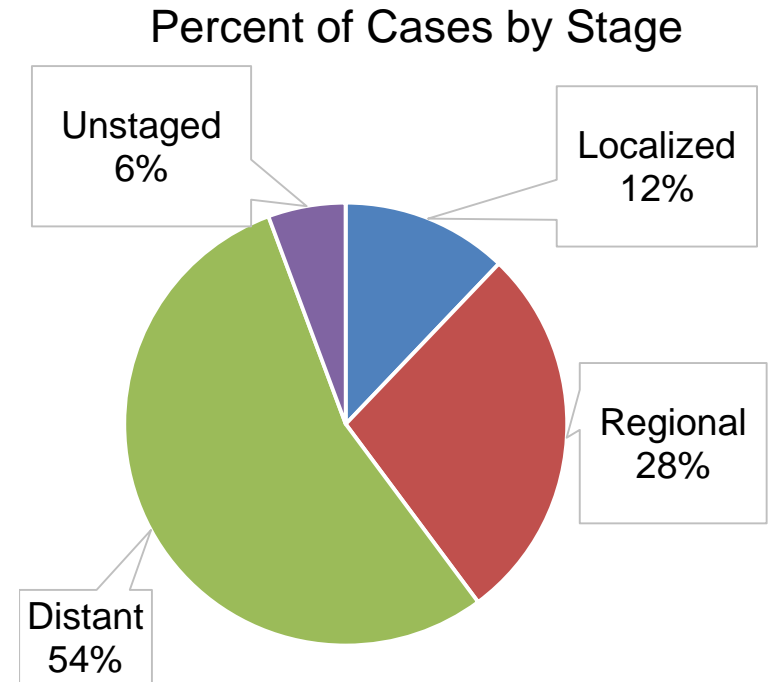
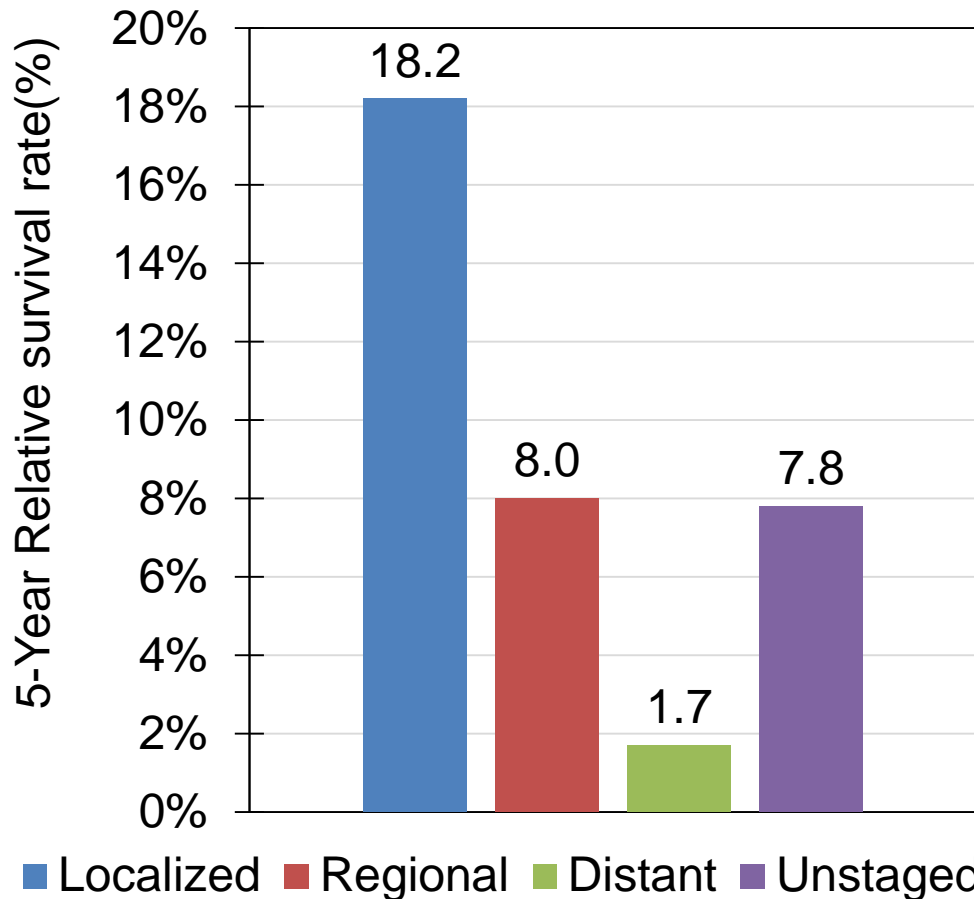
Pancreatic Cancer: Trends of Incidence and Mortality Rates by Gender, Louisiana, 1988-2013



*APCs were calculated using weighted least squares method

Pancreatic Cancer: Louisiana

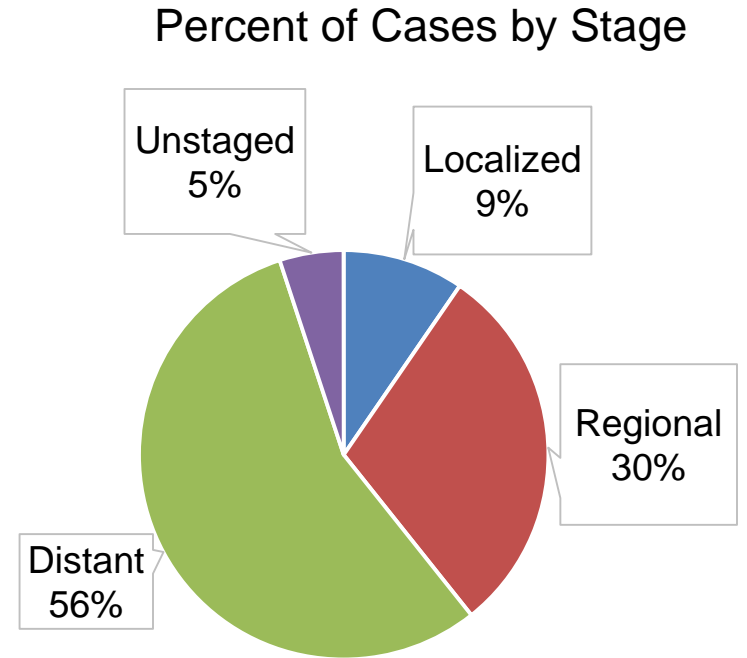
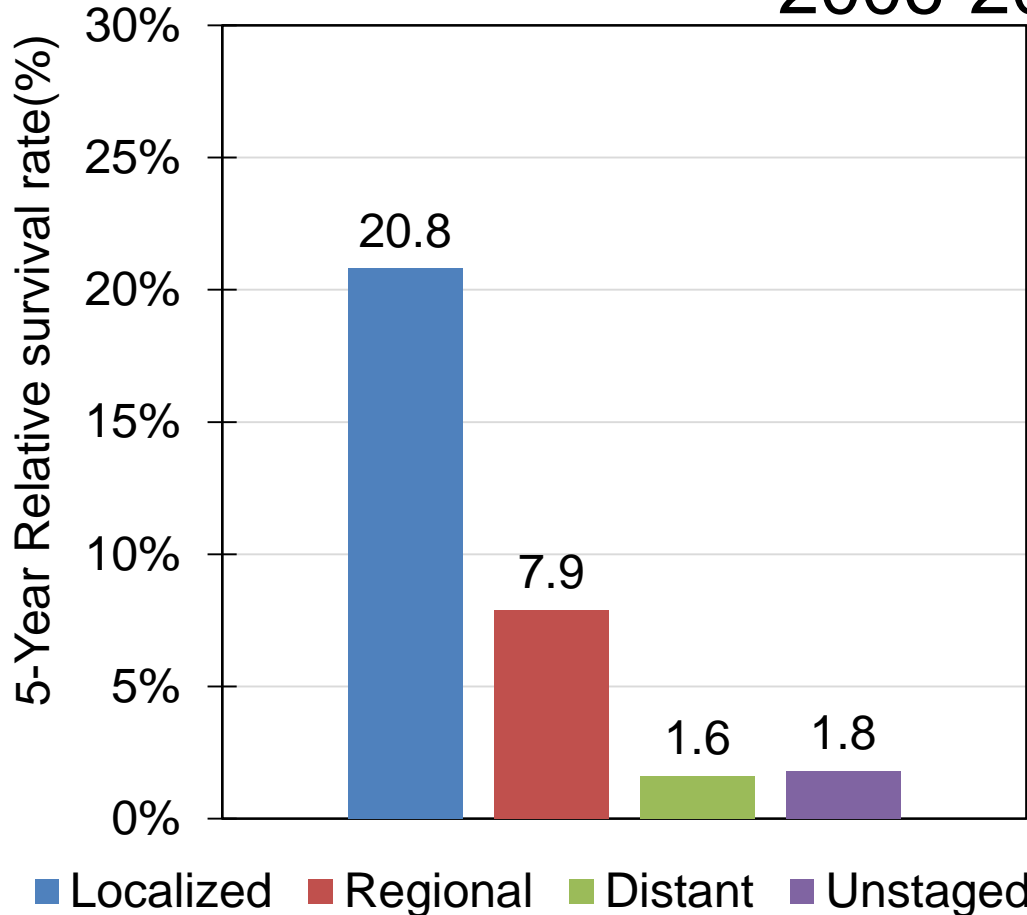
5-Year Relative Survival by Stage¹, All Races, Both Sexes, 2006-2012



¹ The stage distribution is based on Derived Summary Stage 2000.

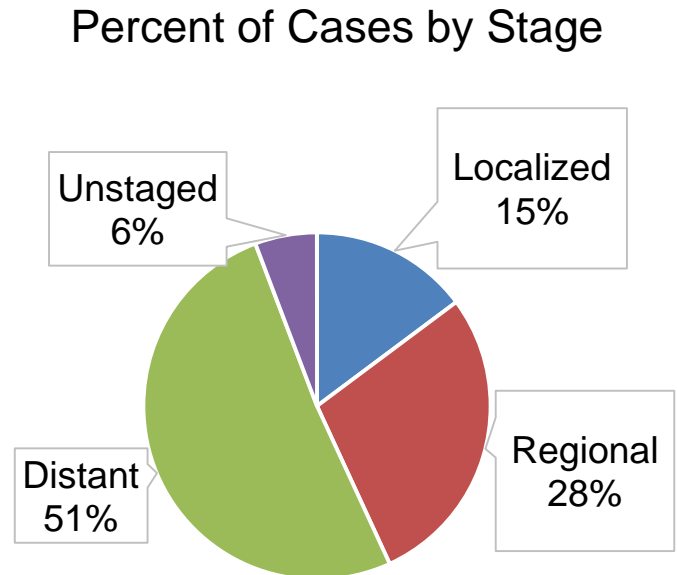
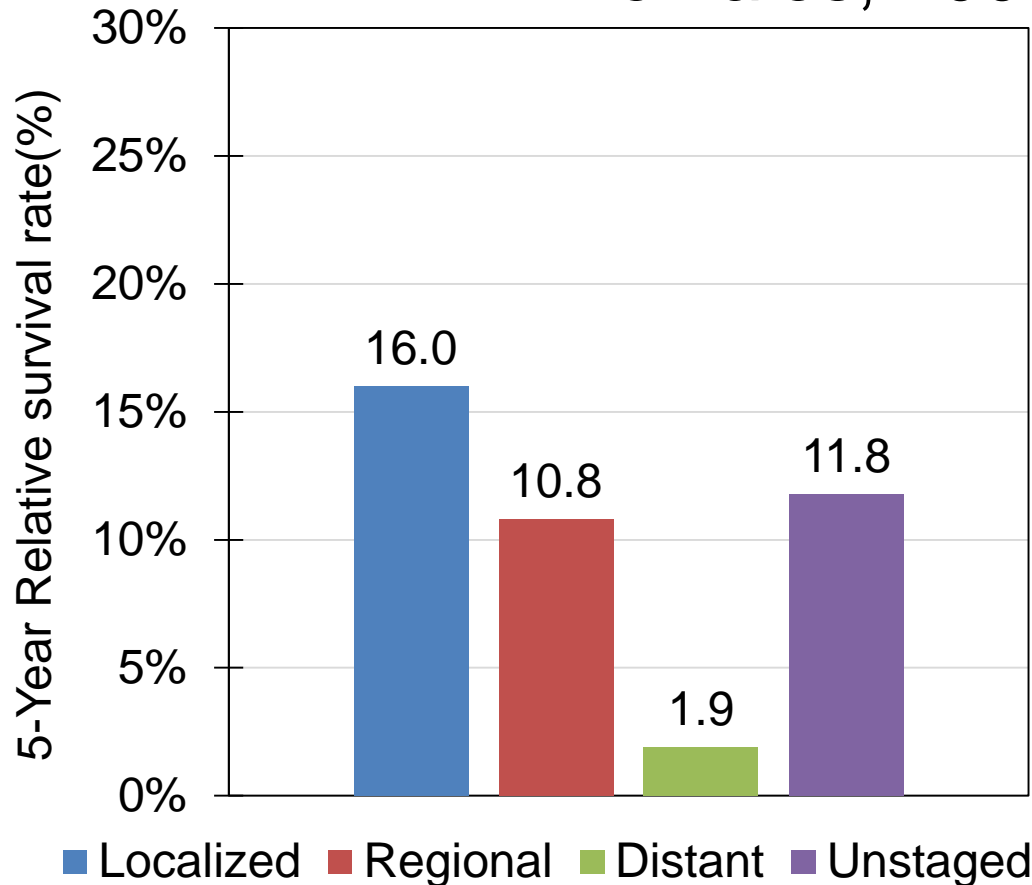
Pancreatic Cancer: Louisiana

5-Year Relative Survival by Stage¹, White Males, 2006-2012



¹ The stage distribution is based on Derived Summary Stage 2000.

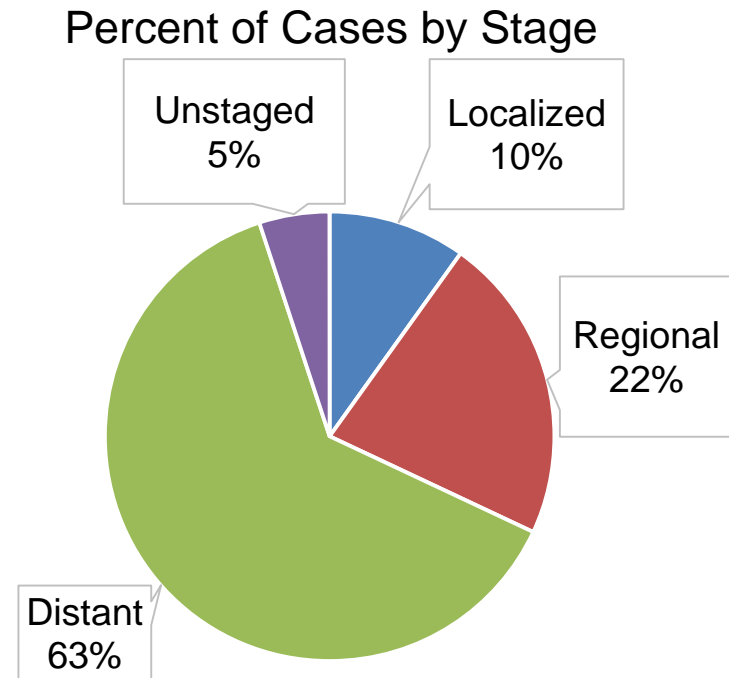
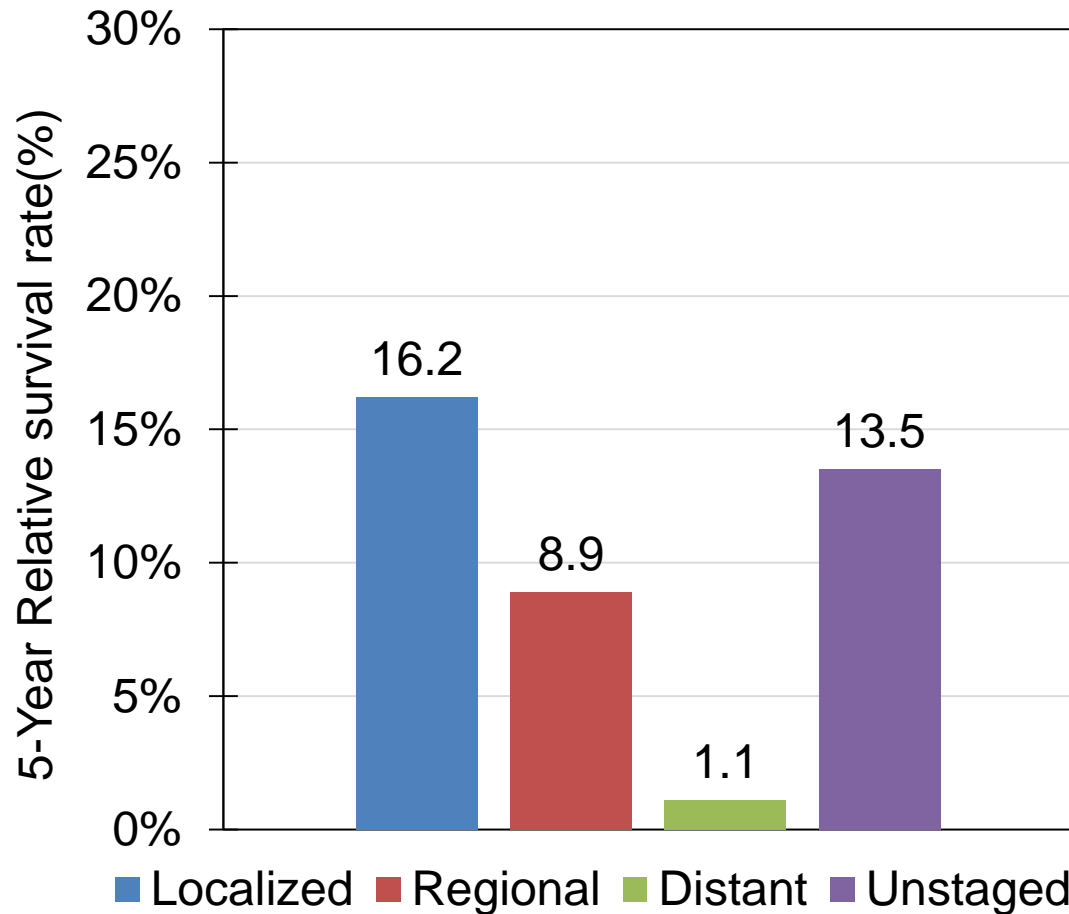
Pancreatic Cancer: Louisiana 5-Year Relative Survival by Stage¹, White Females, 2006-2012



¹ The stage distribution is based on Derived Summary Stage 2000.

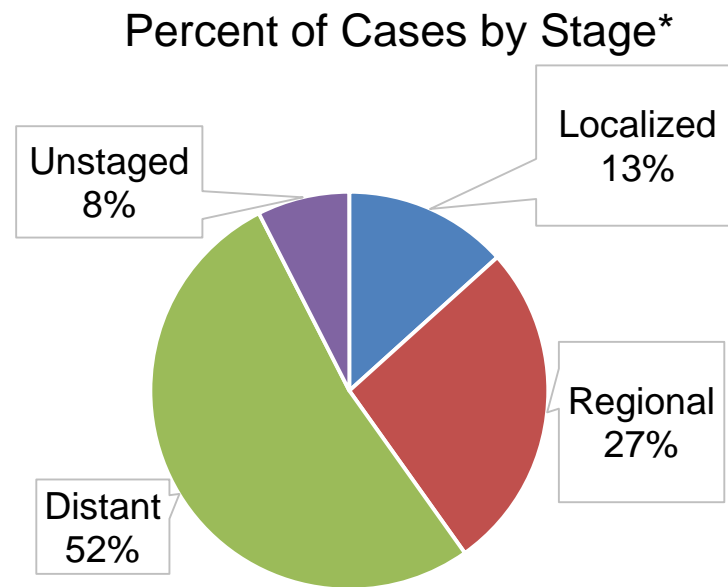
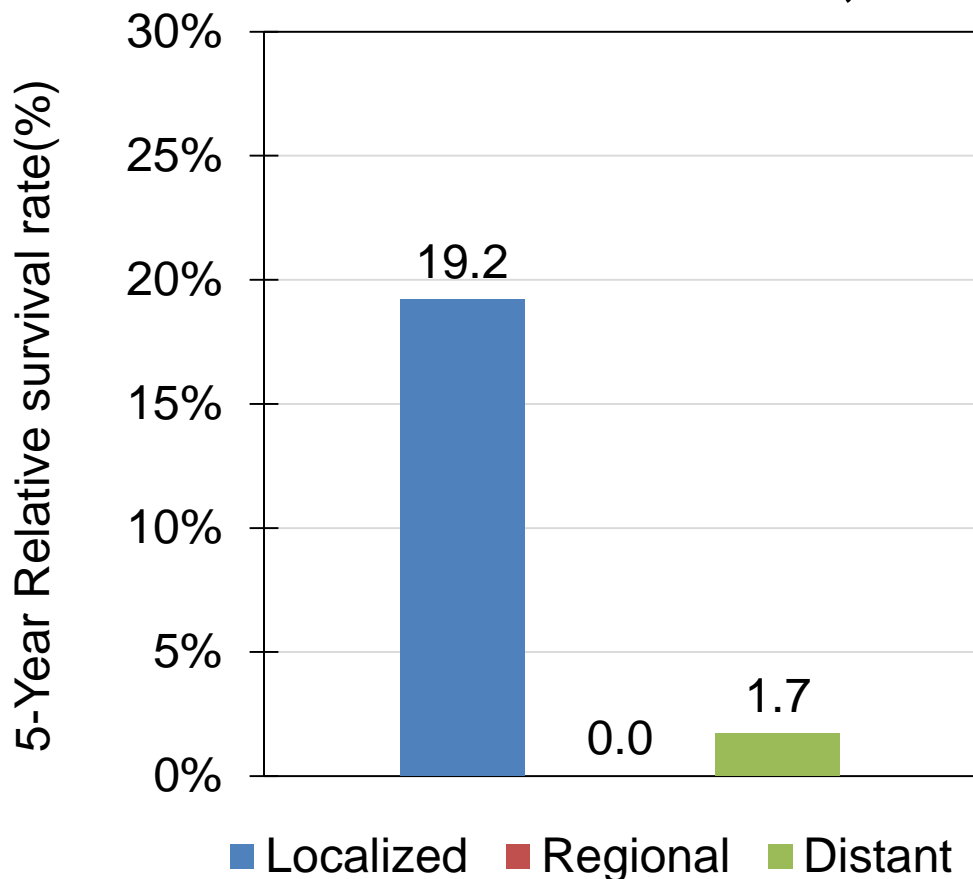
Pancreatic Cancer: Louisiana

5-Year Relative Survival by Stage¹, Black Males, 2006-2012



¹ The stage distribution is based on Derived Summary Stage 2000.

Pancreatic Cancer: Louisiana 5-Year Relative Survival by Stage¹, Black Females, 2006-2012



¹ The stage distribution is based on Derived Summary Stage 2000.

* The survival rate of unstaged cases could not be calculated due to small case counts.

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** (<http://louisianatumorregistry.lsuhs.edu/>)
- **Louisiana Cancer Registrars' Association** (<http://www.lcra-usa.org/>)
- **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**
(<http://louisianatumorregistry.lsuhs.edu/regionalregistries.html>)
- **School of Public Health, LSU Health Sciences Center–New Orleans**
- **Louisiana Cancer and Lung Trust Fund Board**
- **Coroners' offices**

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- Louisiana Health Care Services Division

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