

Cancer Facts & Figures Louisiana, 2013

Louisiana Tumor Registry

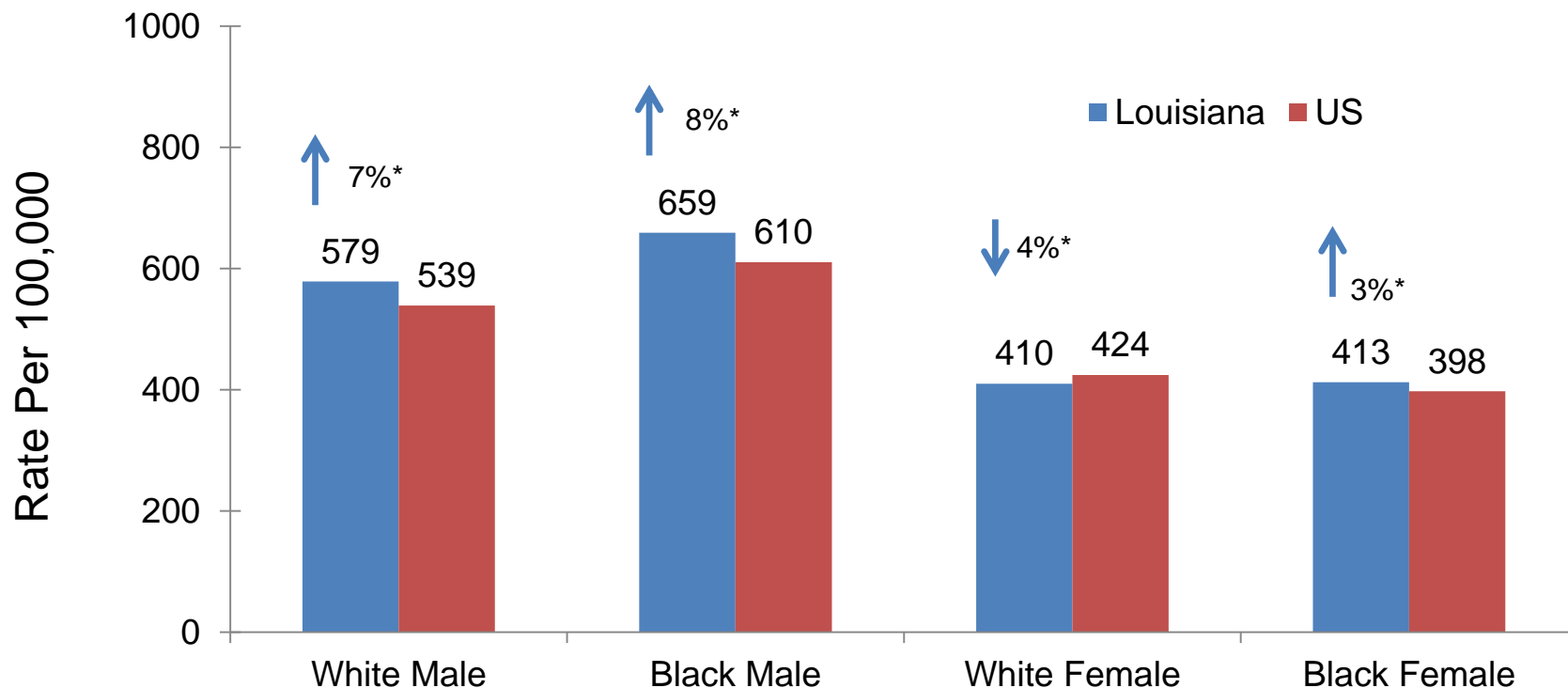
Xiang-Rong Li, MD, MSPH

October, 2013

- About 24,930 new cancer cases are expected to be diagnosed in Louisiana 2013. This estimate does not include carcinoma in situ of any site except urinary bladder, and does not include basal cell and squamous cell skin cancers, which are non-reportable cancer; almost 68 cases per day.
- About 9,040 persons are expected to die of cancer in Louisiana in 2013; almost 25 deaths per day.

¹. Data source: American Cancer Society, Cancer Facts & Figures 2013.

Incidence Rates¹ of All Cancers Combined, Louisiana vs. US,² 2006-2010

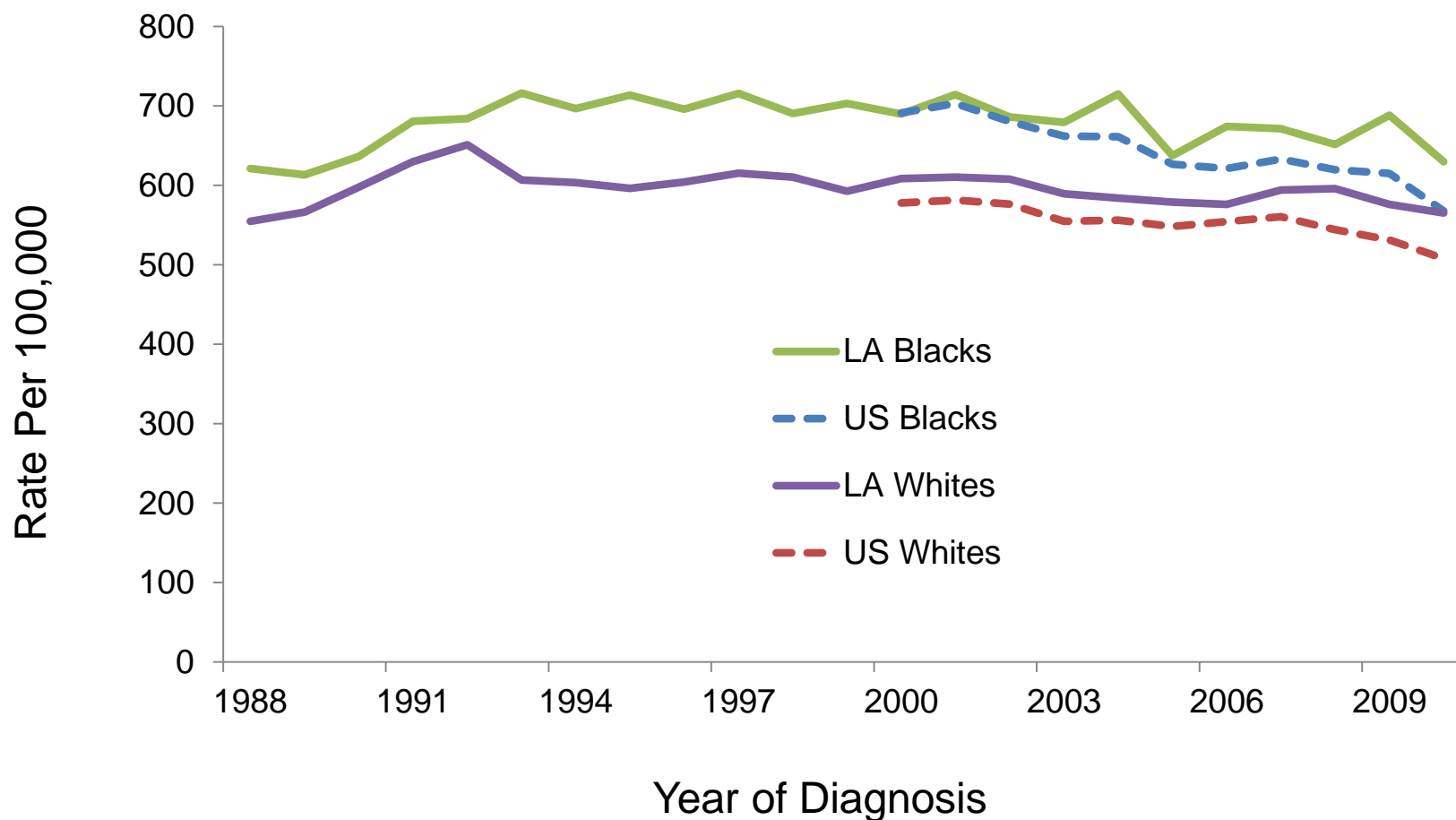


¹Age-adjusted to the 2000 US standard population.

²US Incidence data source: Surveillance, Epidemiology and End Results (SEER), 18 registries.

*Incidence rate of Louisiana was significantly different from that of SEER18.

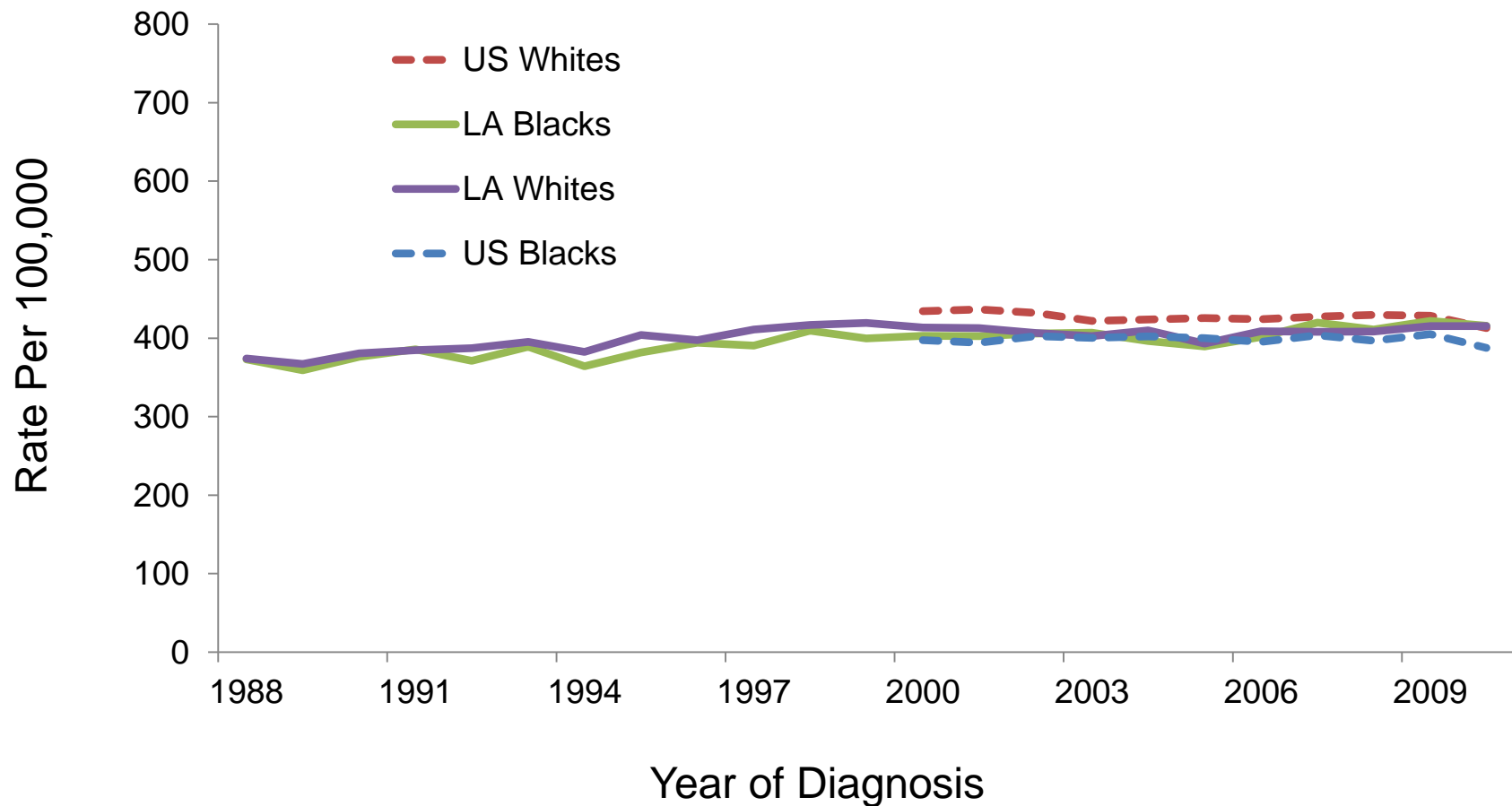
Trend of Incidence Rates¹ of all Cancers Combined, Louisiana vs. US², Male, 1988-2010



1. Age-adjusted to the 2000 US Standard Population.

2. US incidence data source: 18 SEER registries.

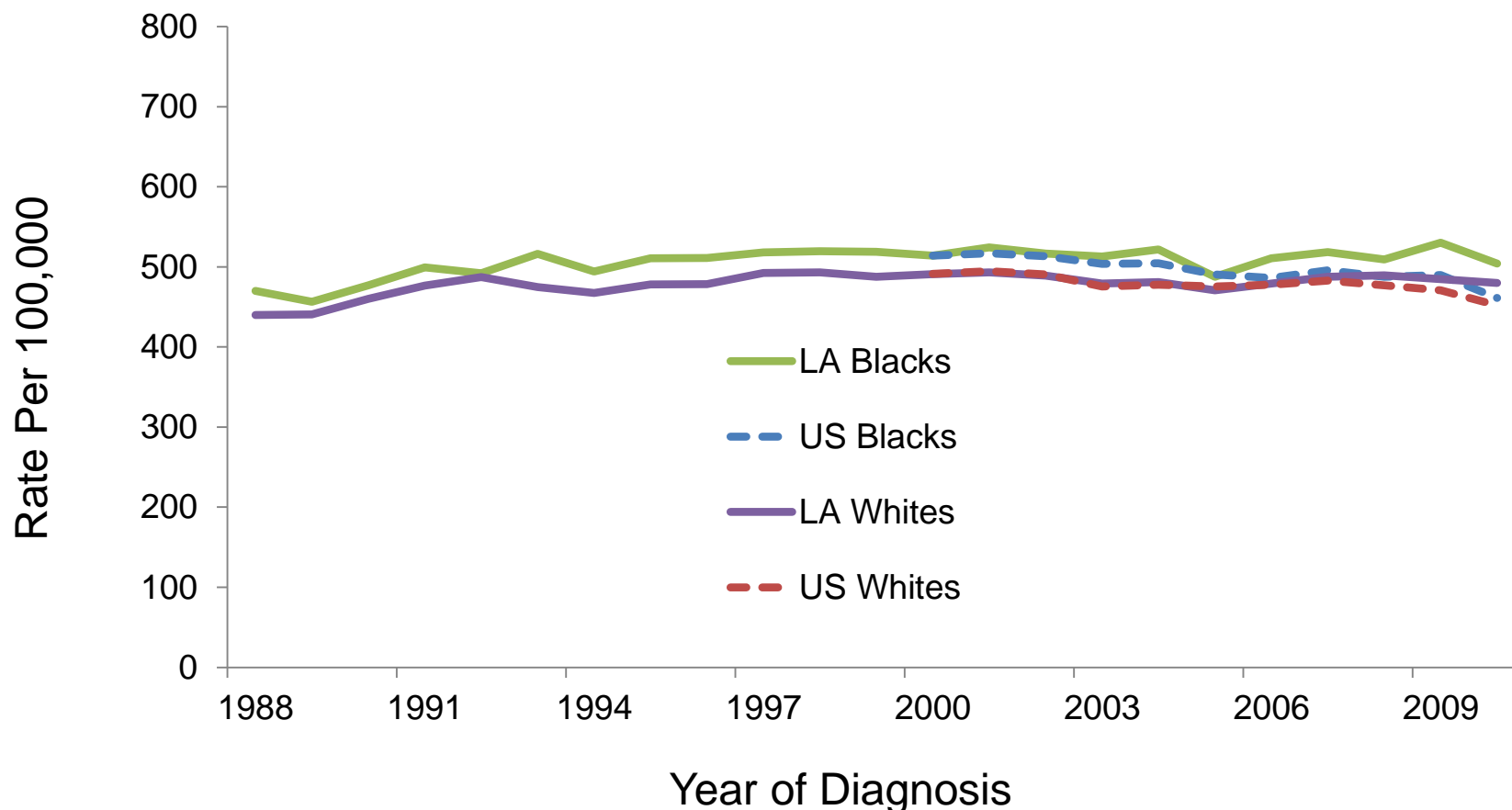
Trend of Incidence Rates¹ of all Cancers Combined, Louisiana vs. US², Female, 1988-2010



¹. Age-adjusted to the 2000 US Standard Population.

². US incidence data source: 18 SEER registries.

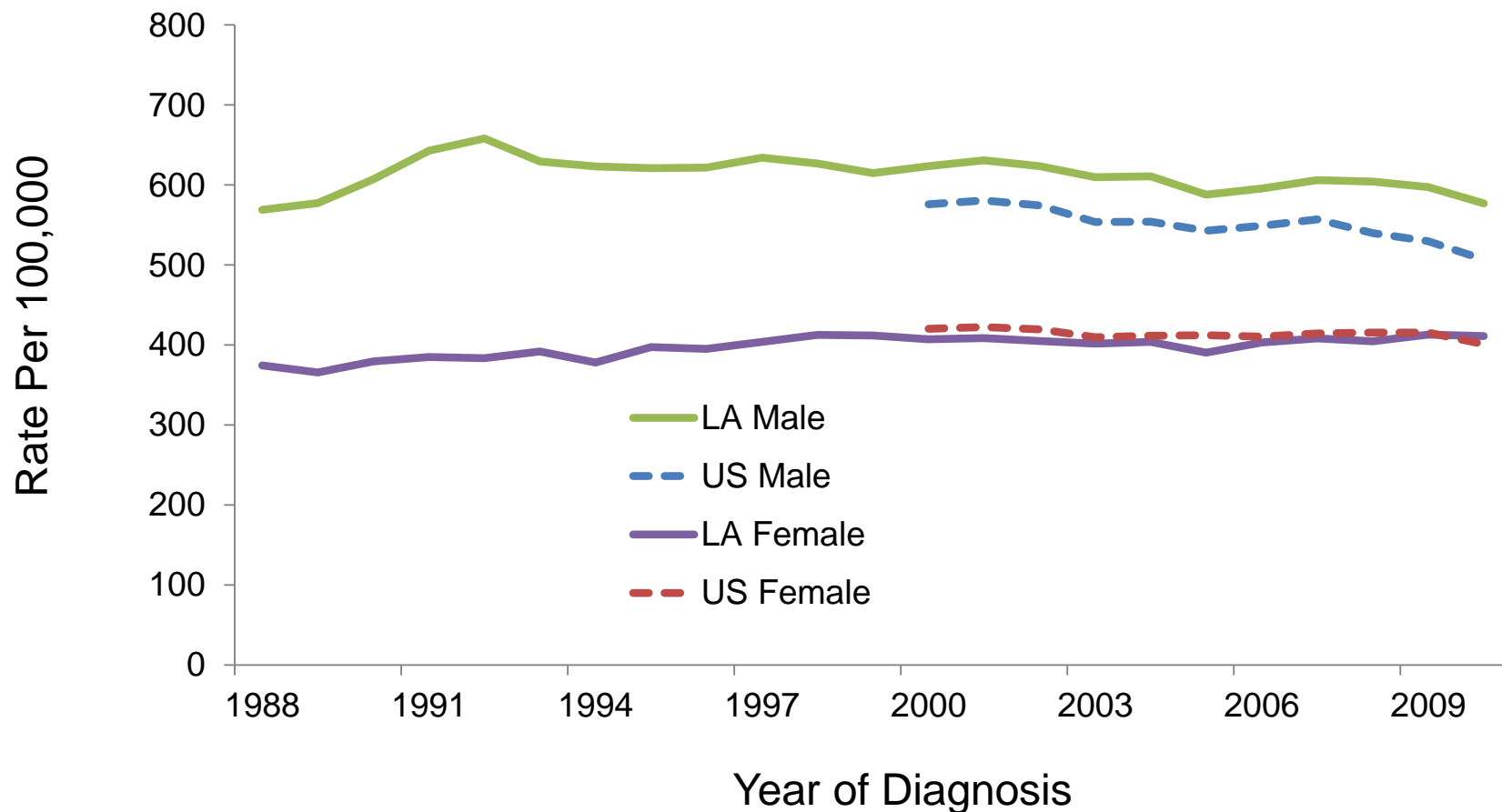
Trend of Incidence Rates¹ of all Cancers Combined, Louisiana vs. US² by Race, 1988-2010



1. Age-adjusted to the 2000 US Standard Population.

2. US incidence data source: 18 SEER registries.

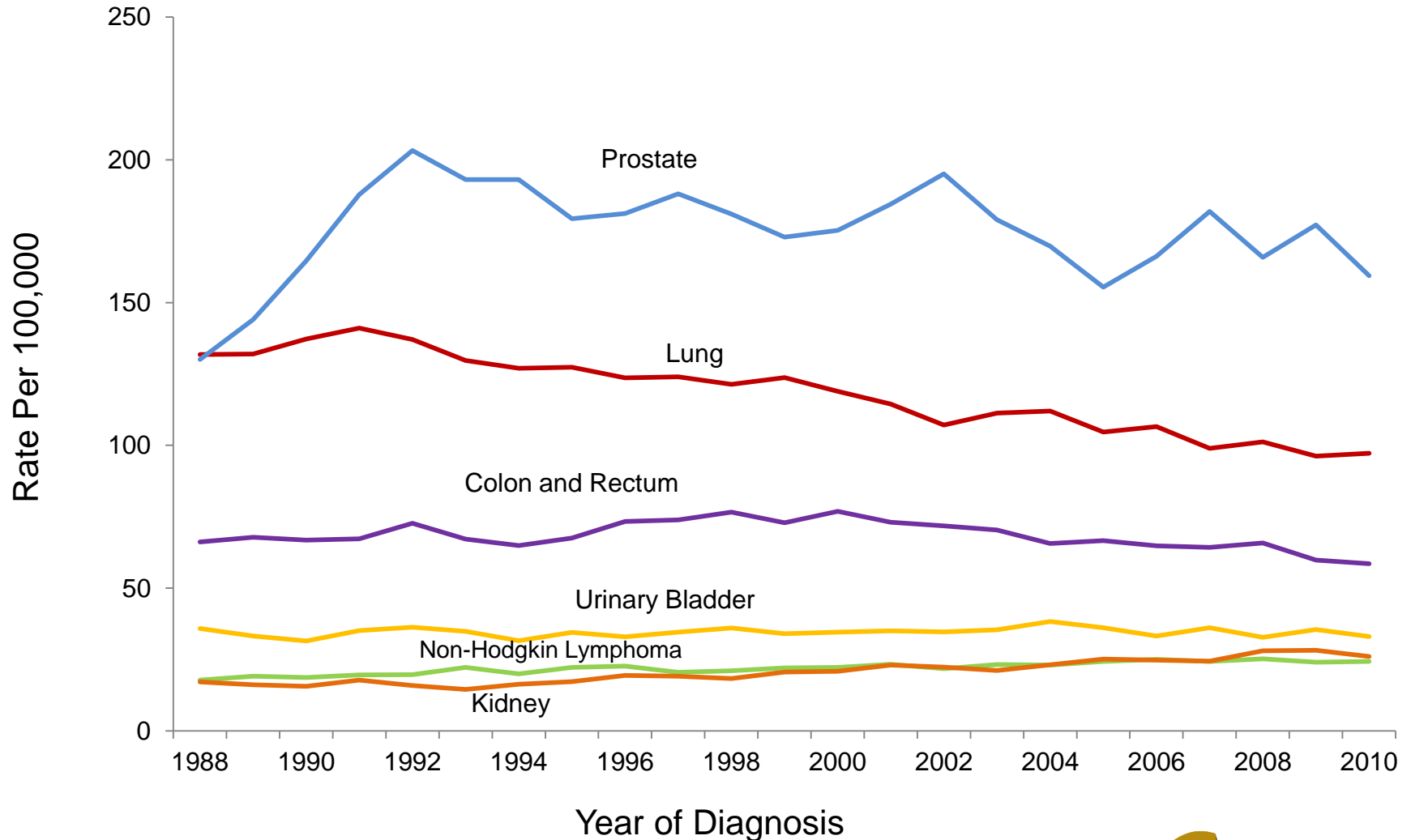
Trend of Incidence Rates¹ of all Cancers Combined, Louisiana vs. US² by Gender, 1988-2010



¹. Age-adjusted to the 2000 US Standard Population.

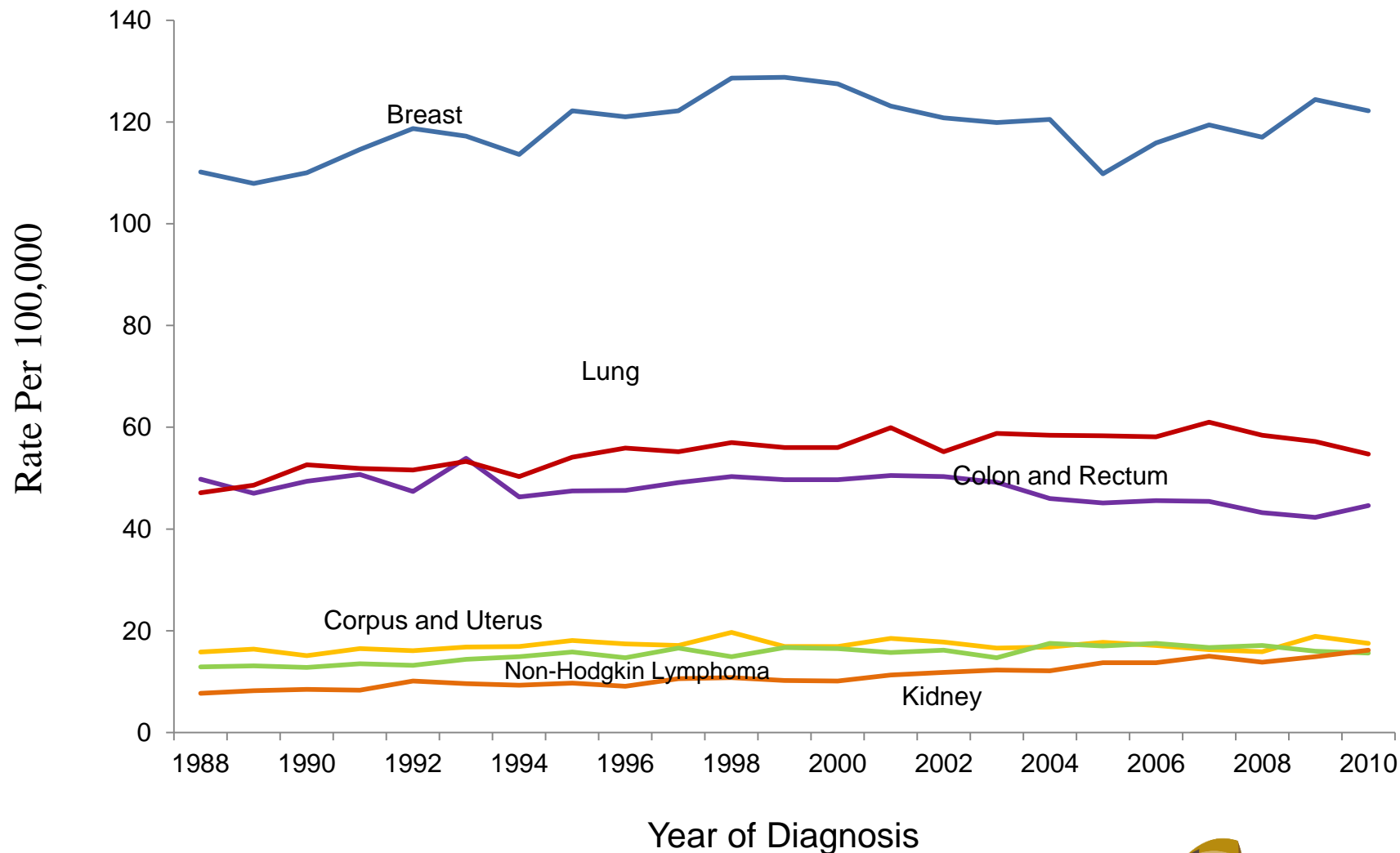
². US incidence data source: 18 SEER registries.

Cancer Incidence Rates¹ among Males, Louisiana, 1988-2010



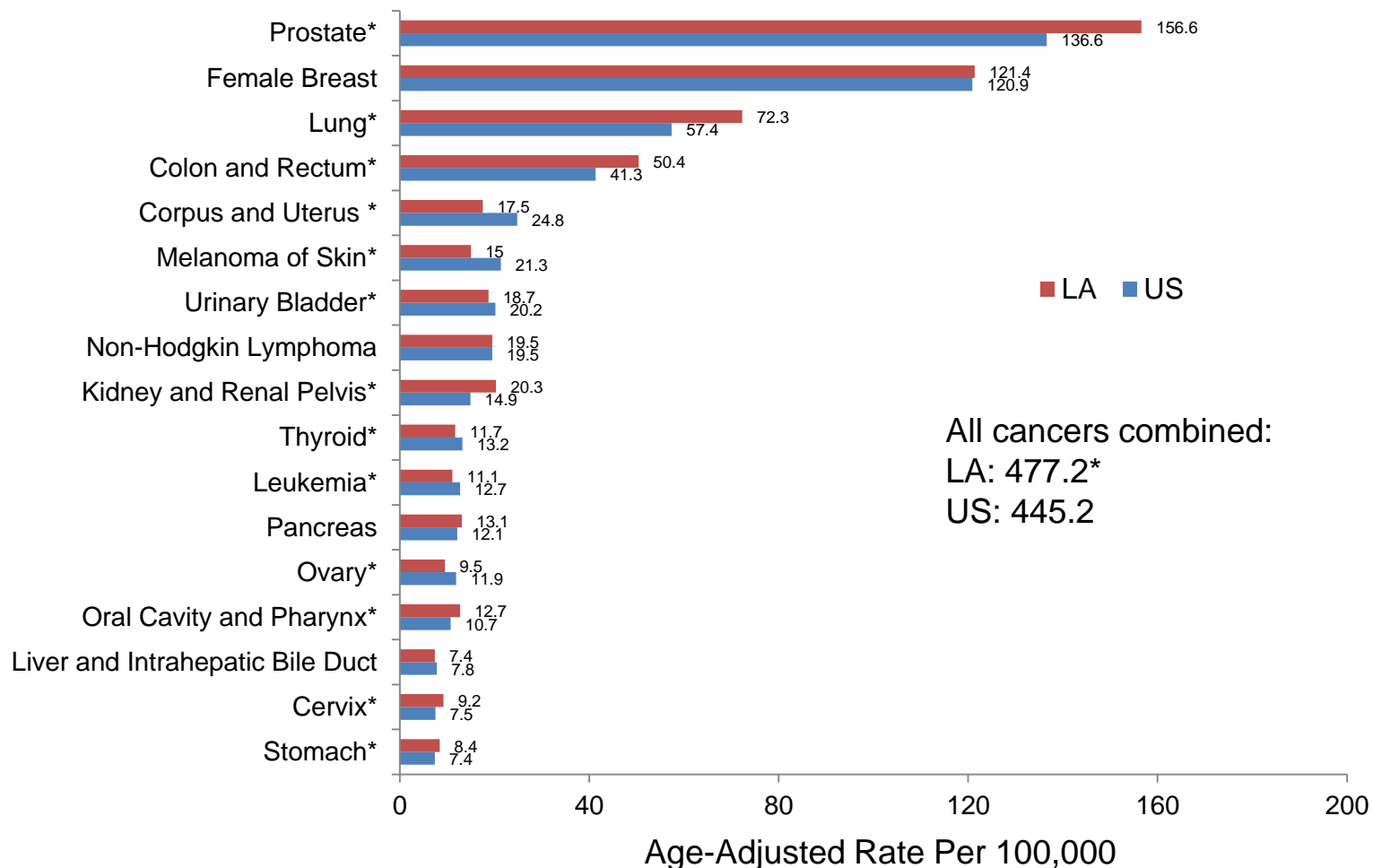
¹Age-adjusted to the 2000 US Standard Population.

Cancer Incidence Rates¹ among Females, Louisiana, 1988-2010



¹Age-adjusted to the 2000 US Standard Population.

Incidence Rates¹ of Common Cancer Sites, Louisiana vs. US,² 2010

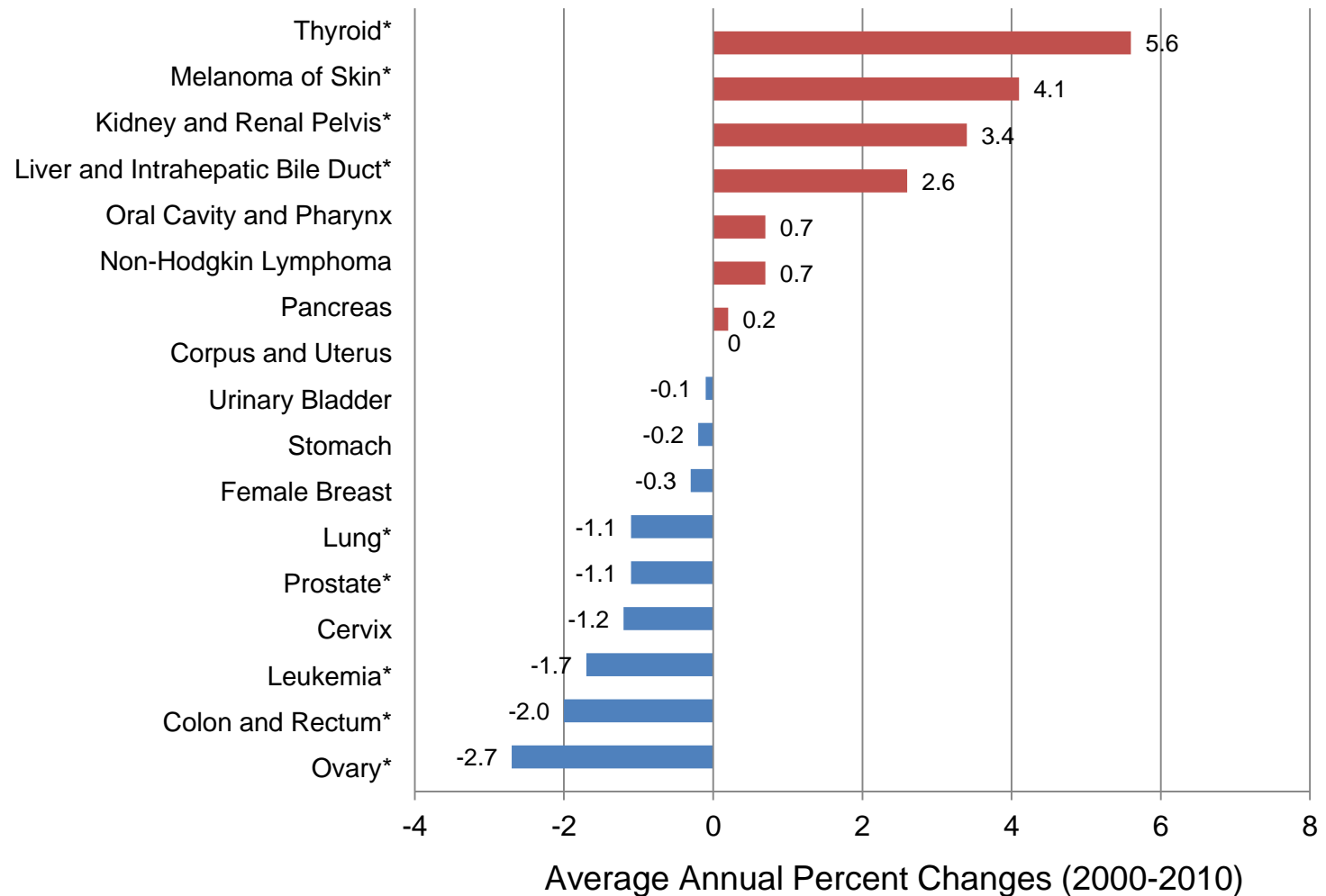


¹ Age-adjusted to the 2000 US Standard Population.

² US incidence data source: 18 SEER registries.

* Incidence rate of Louisiana is significantly different from that of SEER18 ($p \leq 0.05$)

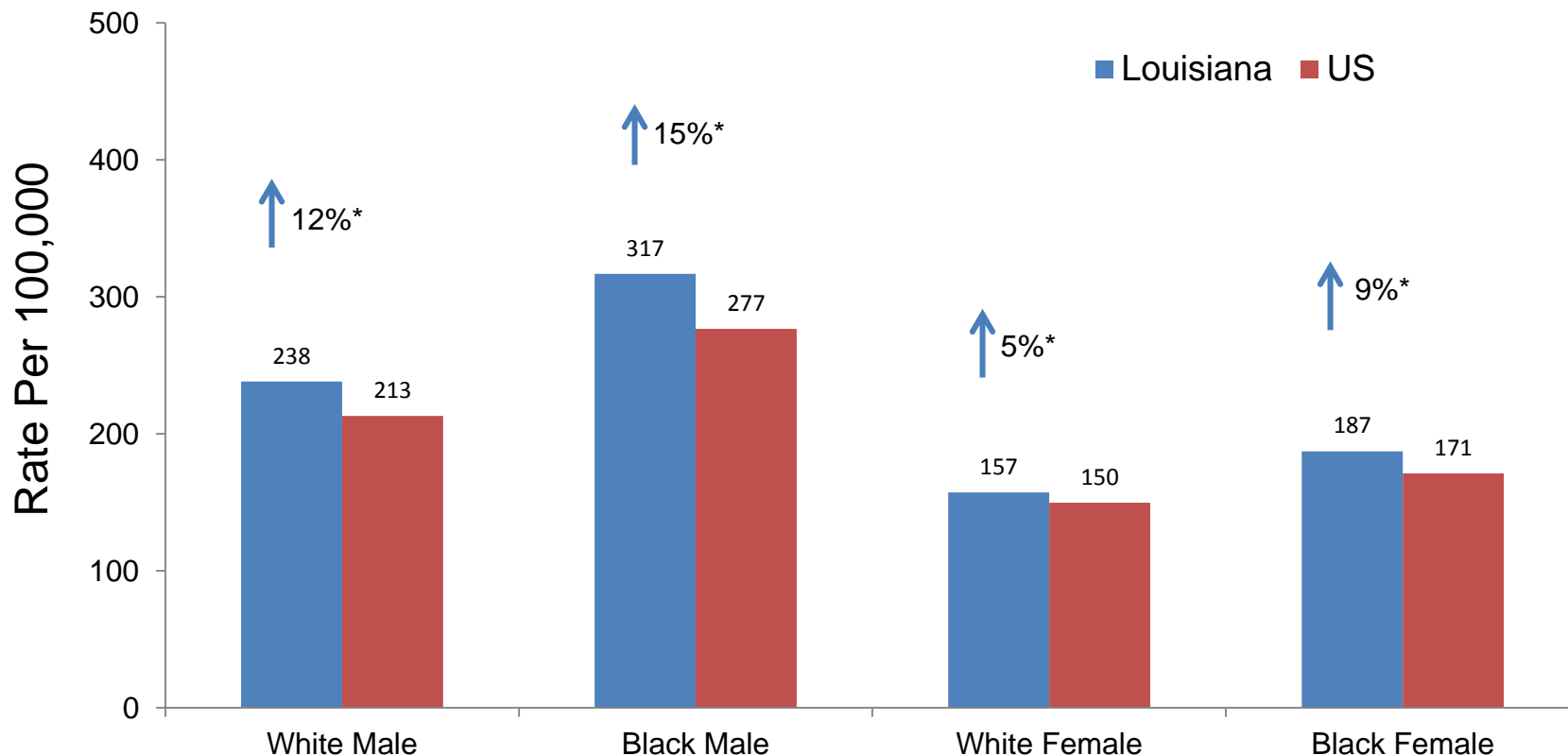
Incidence Rate of Common Cancer in Louisiana,¹ Average Annual Percent Changes, 2000-2010



¹ Data source: 18 SEER registries

* Average Annual Percent Changes is significantly different from 0 ($p < 0.05$)

Mortality Rates¹ of All Cancers Combined Louisiana vs. US,² 2006-2010

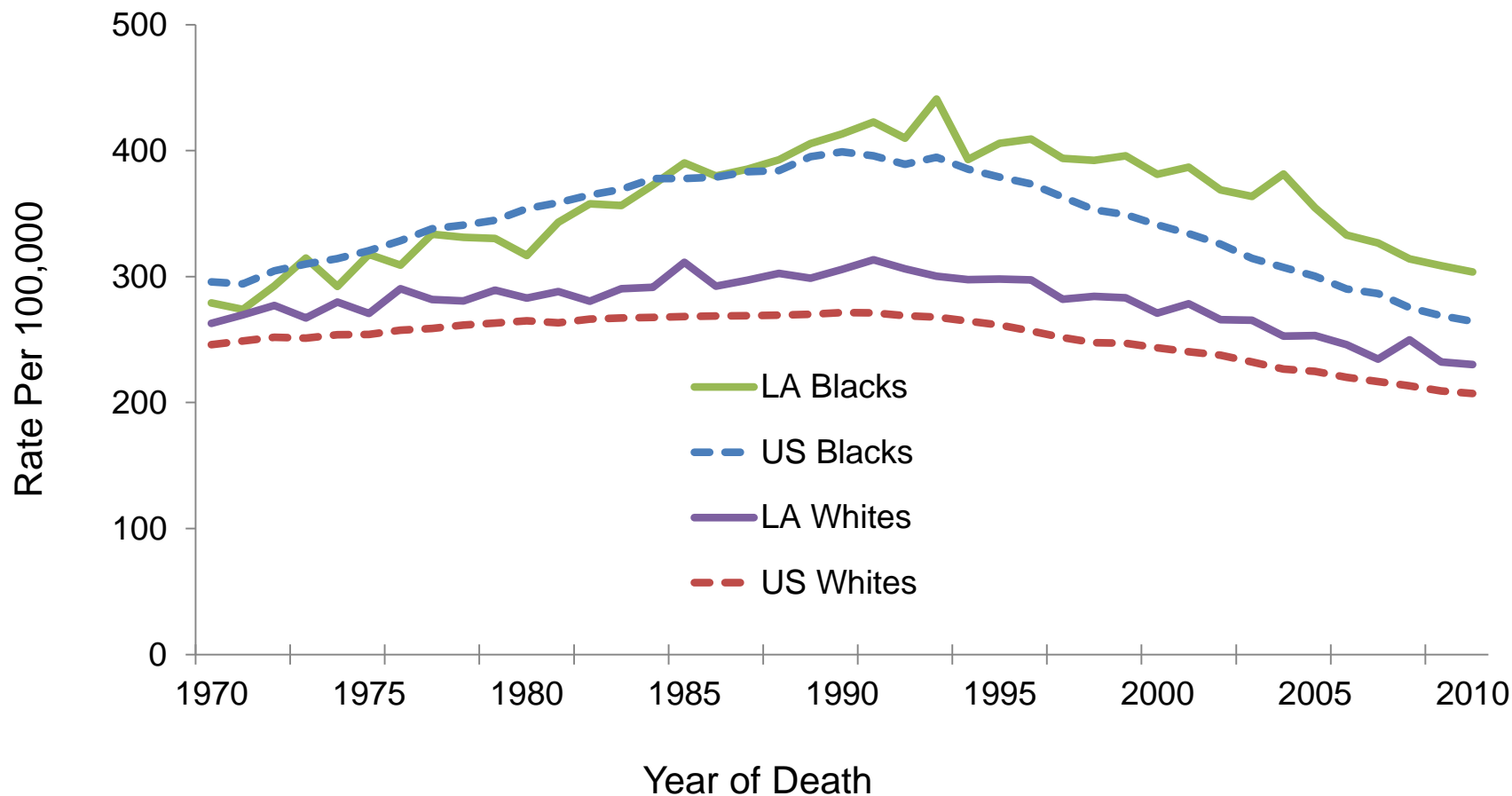


¹Age-adjusted to the 2000 US standard population.

²Mortality data source: National Center for Health Statistics (NCHS).

*Mortality rate of Louisiana was significantly different from that of US.

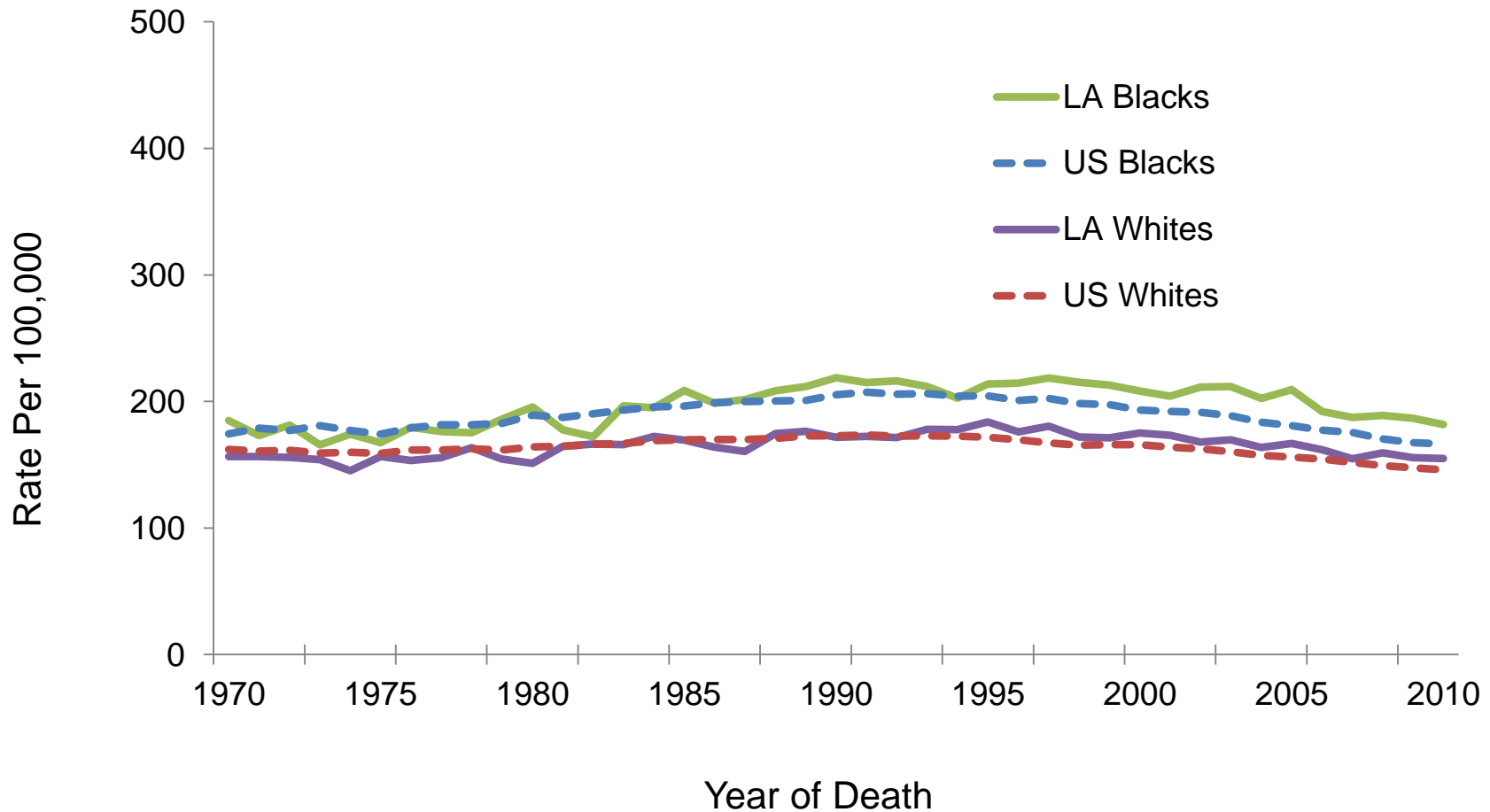
Trend of Mortality Rates¹ of all Cancers Combined Louisiana vs. US², Male, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

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

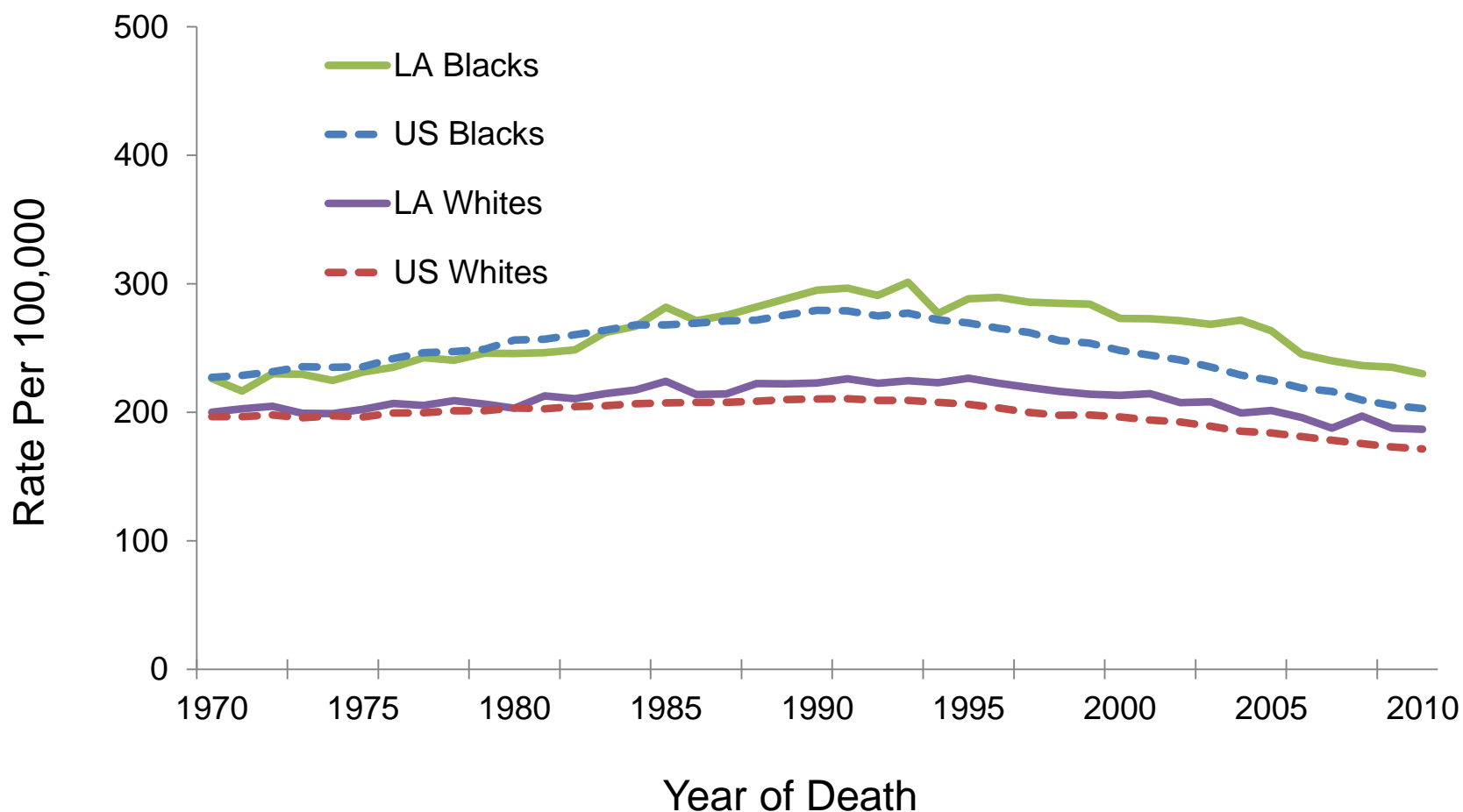
Trend of Mortality Rates¹ of all Cancers Combined Louisiana vs. US², Female, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

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

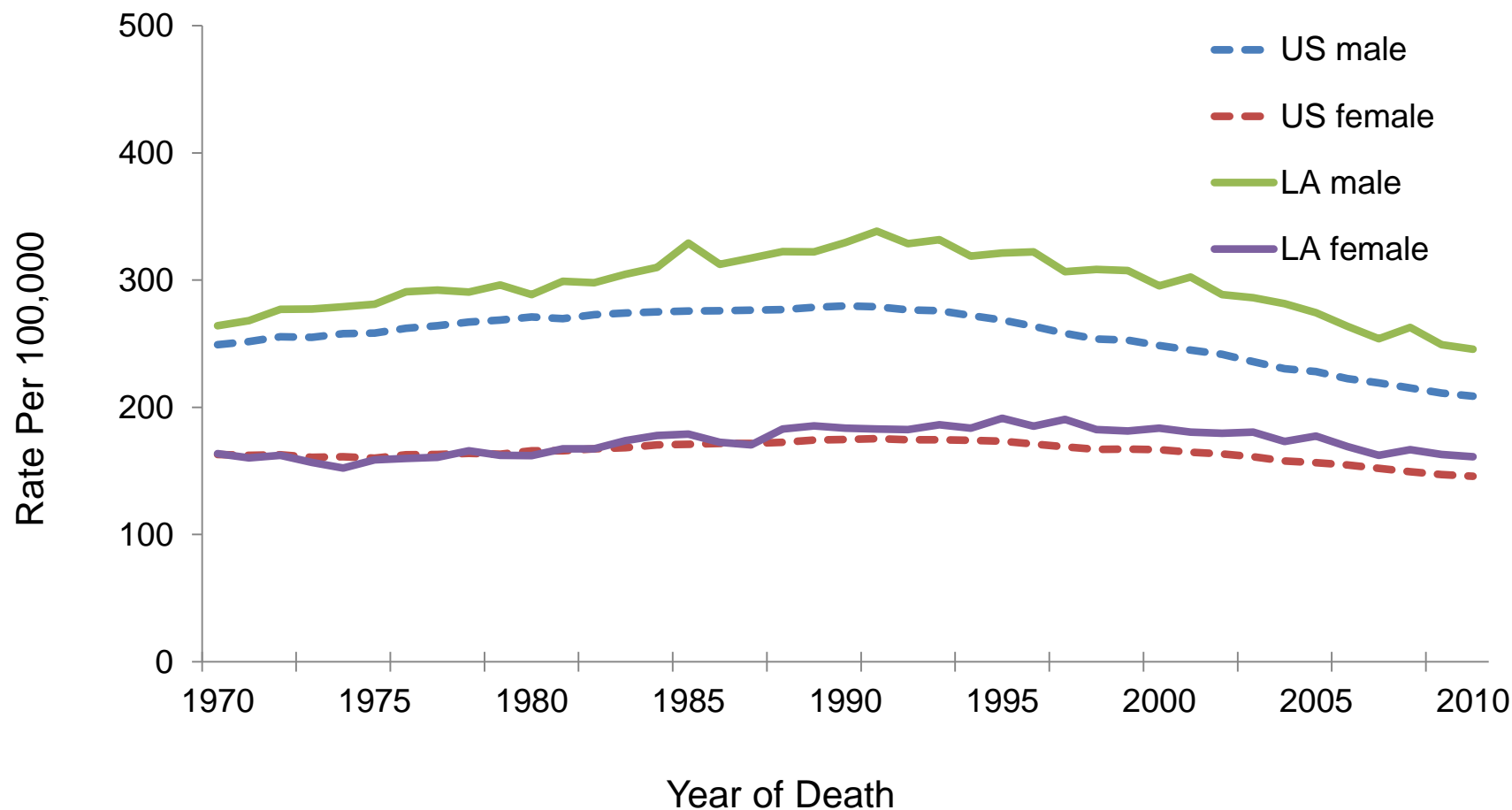
Trend of Mortality Rates¹ of all Cancers Combined Louisiana vs. US² by Race, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

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

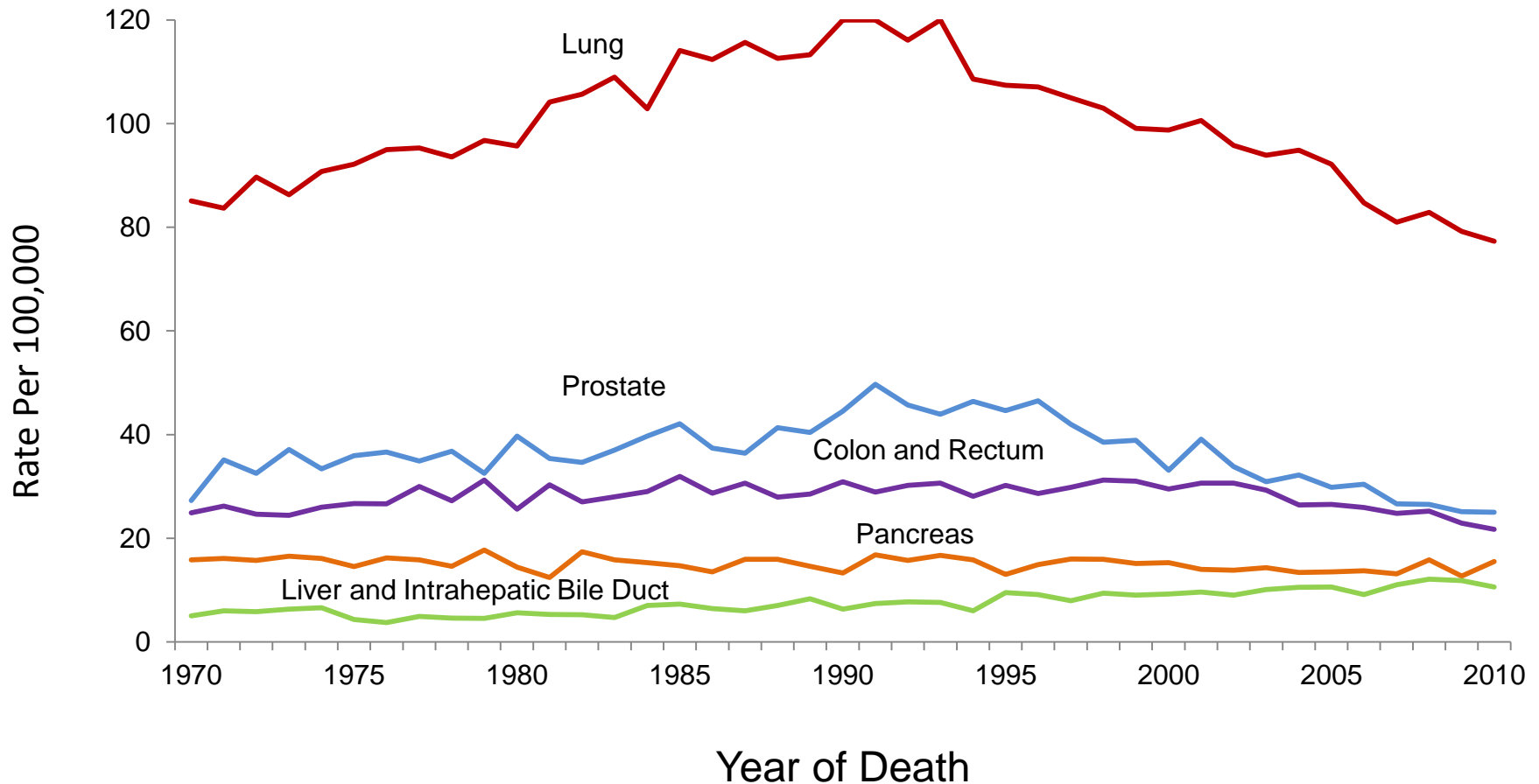
Trend of Mortality Rates¹ of all Cancers Combined Louisiana vs. US² by Gender, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

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

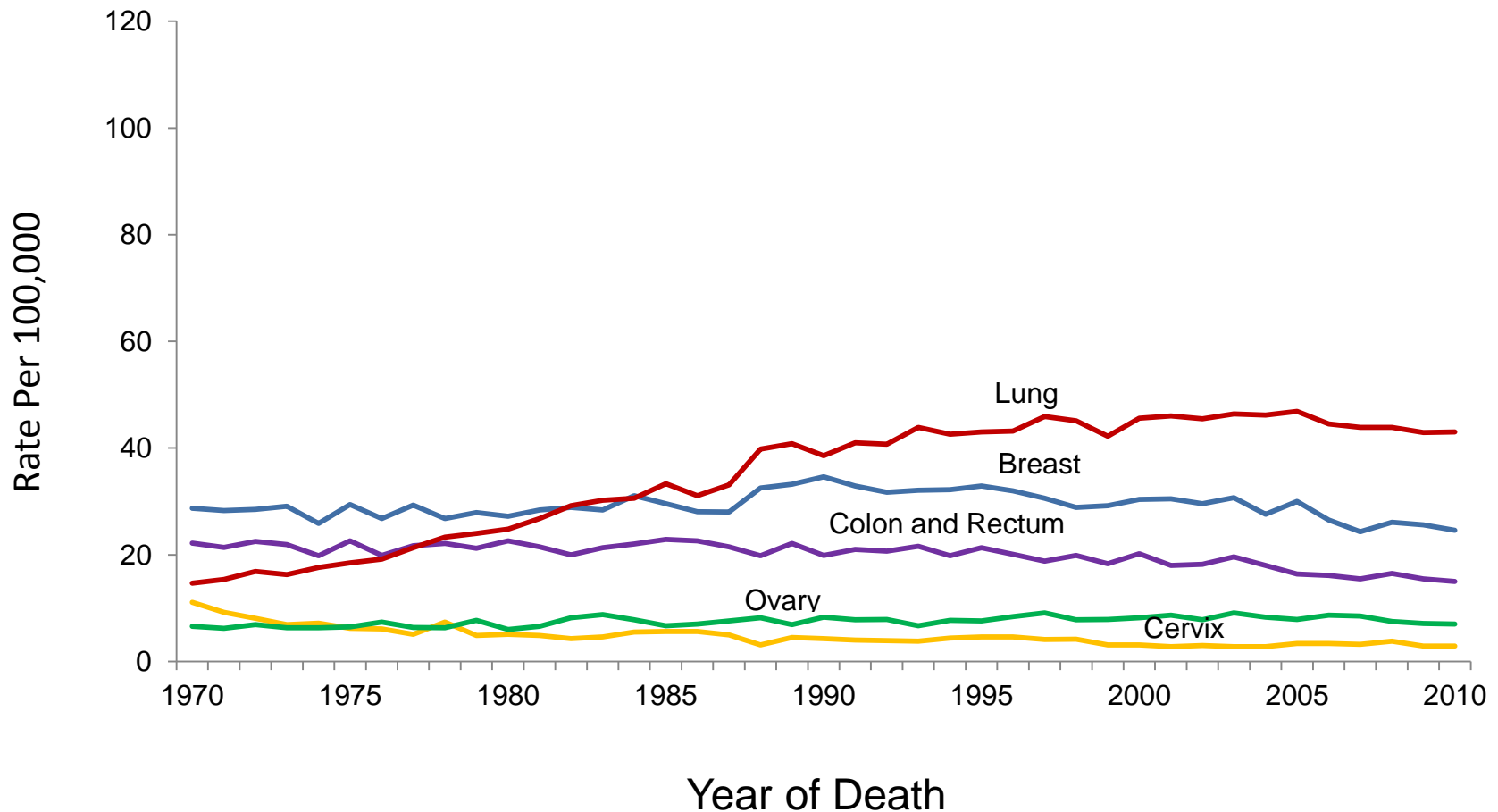
Cancer Mortality Rates^{1,2} among Males Louisiana, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

² Data source: National Center for Health Statistics (NCHS)

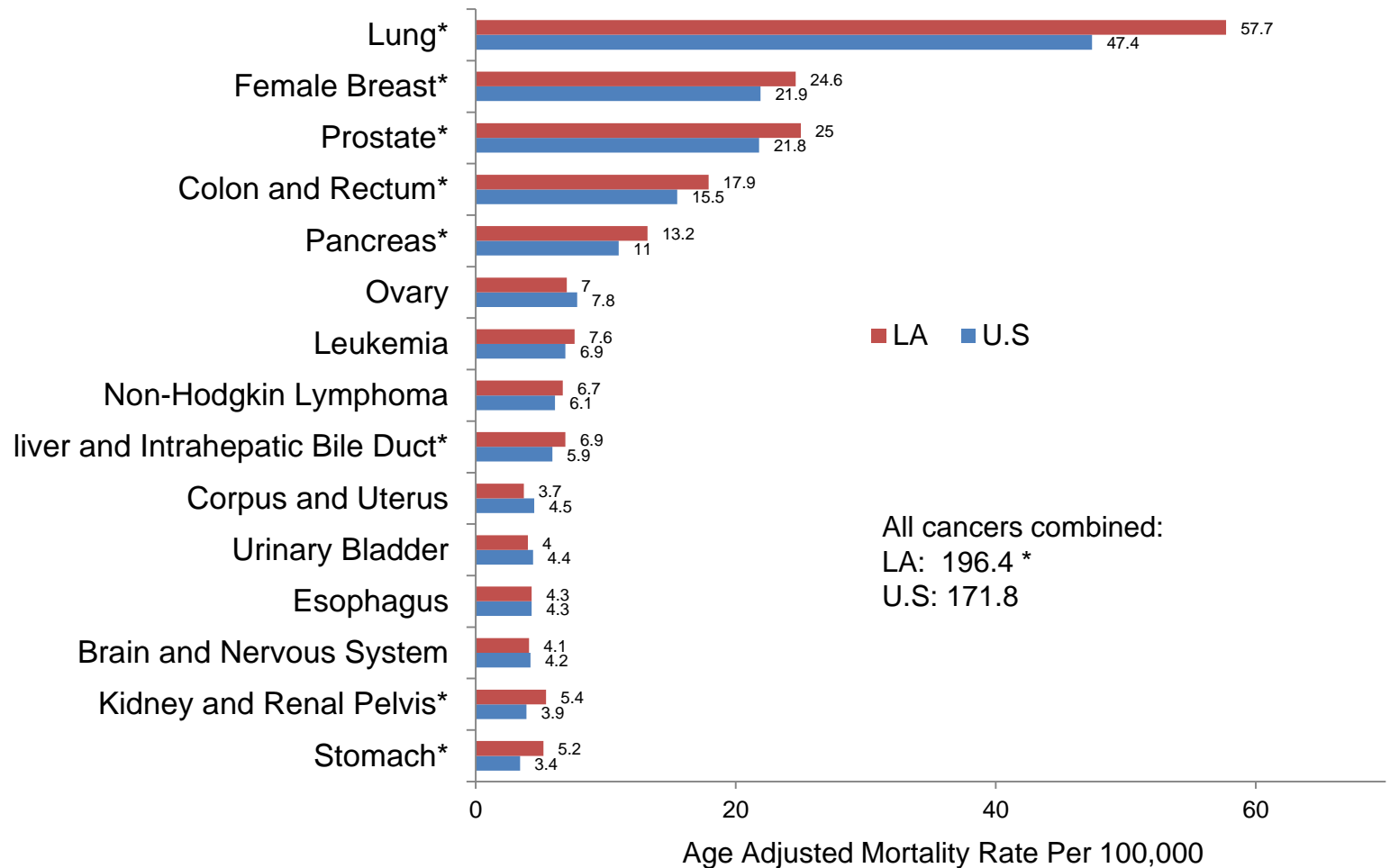
Cancer Mortality Rates^{1,2} among Females, Louisiana, 1970-2010



¹ Age-adjusted to the 2000 US Standard Population.

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

Mortality Rates¹ for Common Cancer Sites Louisiana vs. US,² 2010

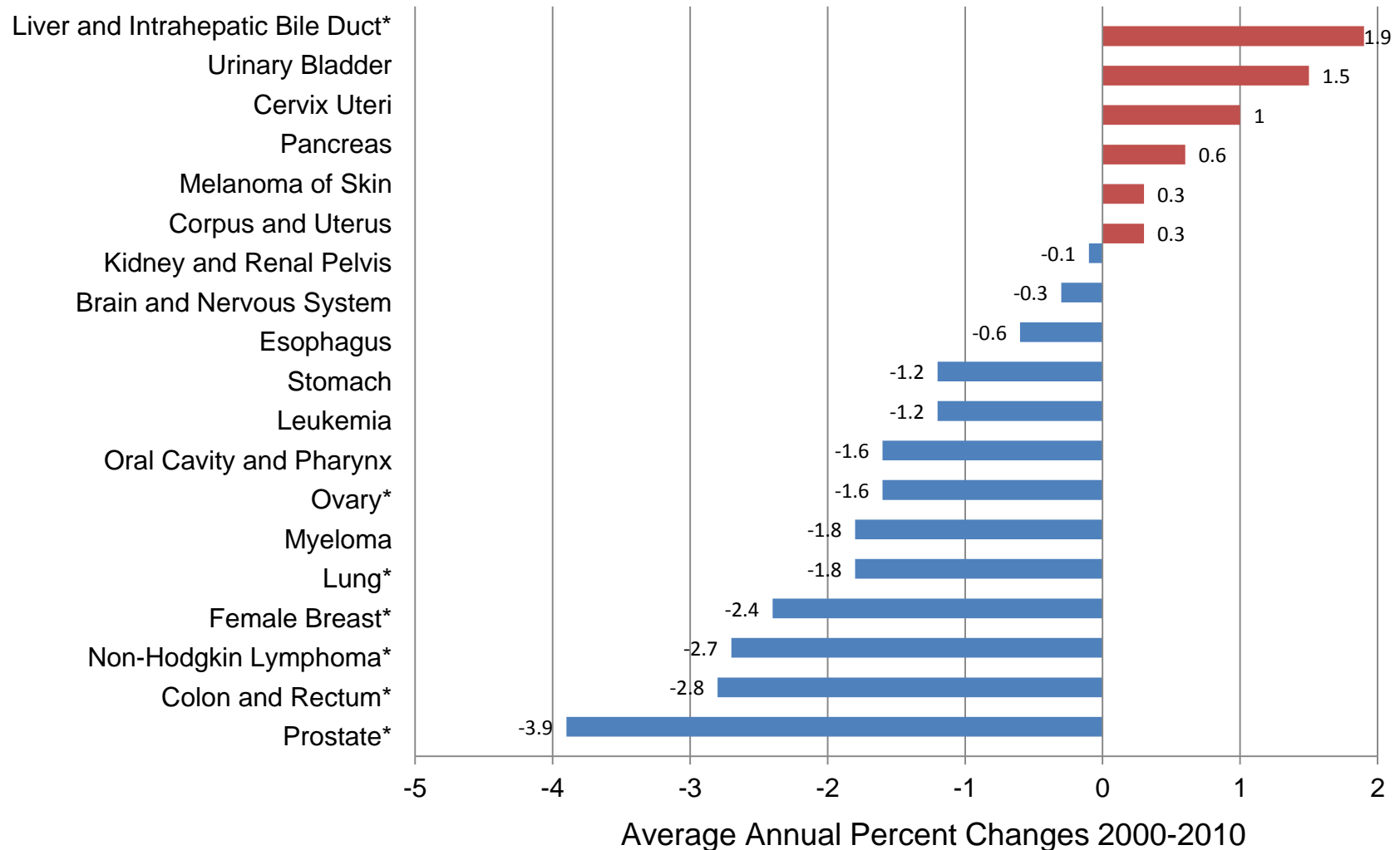


¹Age-adjusted to the US 2000 standard population.

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

*Mortality Rate of Louisiana is significantly different from that of US.

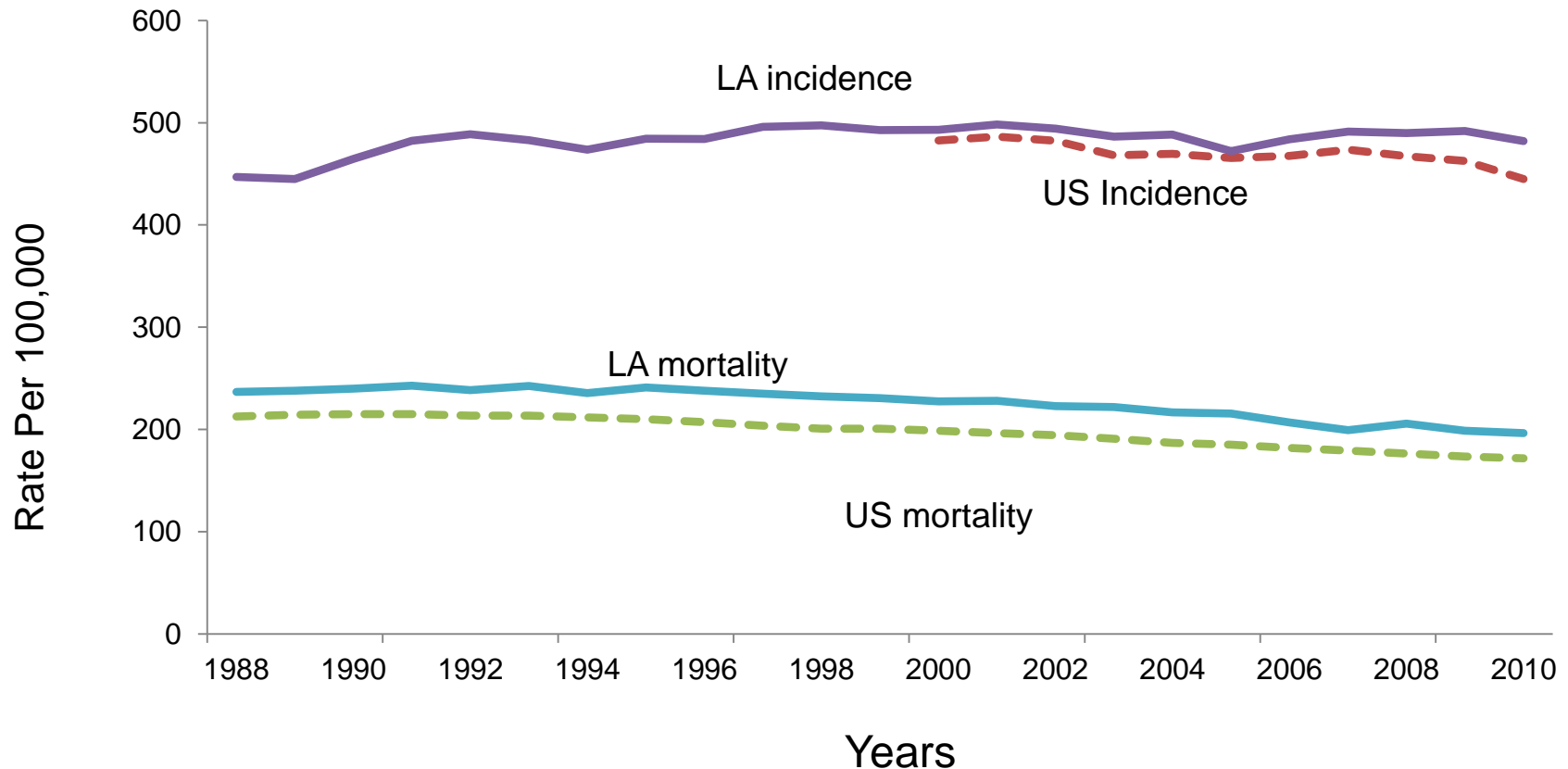
Mortality Rates of Common Cancers in Louisiana,¹ Average Annual Percent Changes, 2000-2010



¹ Data Source: National Center of Health Statistics (NCHS)

* Average Annual Percent Changes is significantly different from 0 ($p < 0.05$)

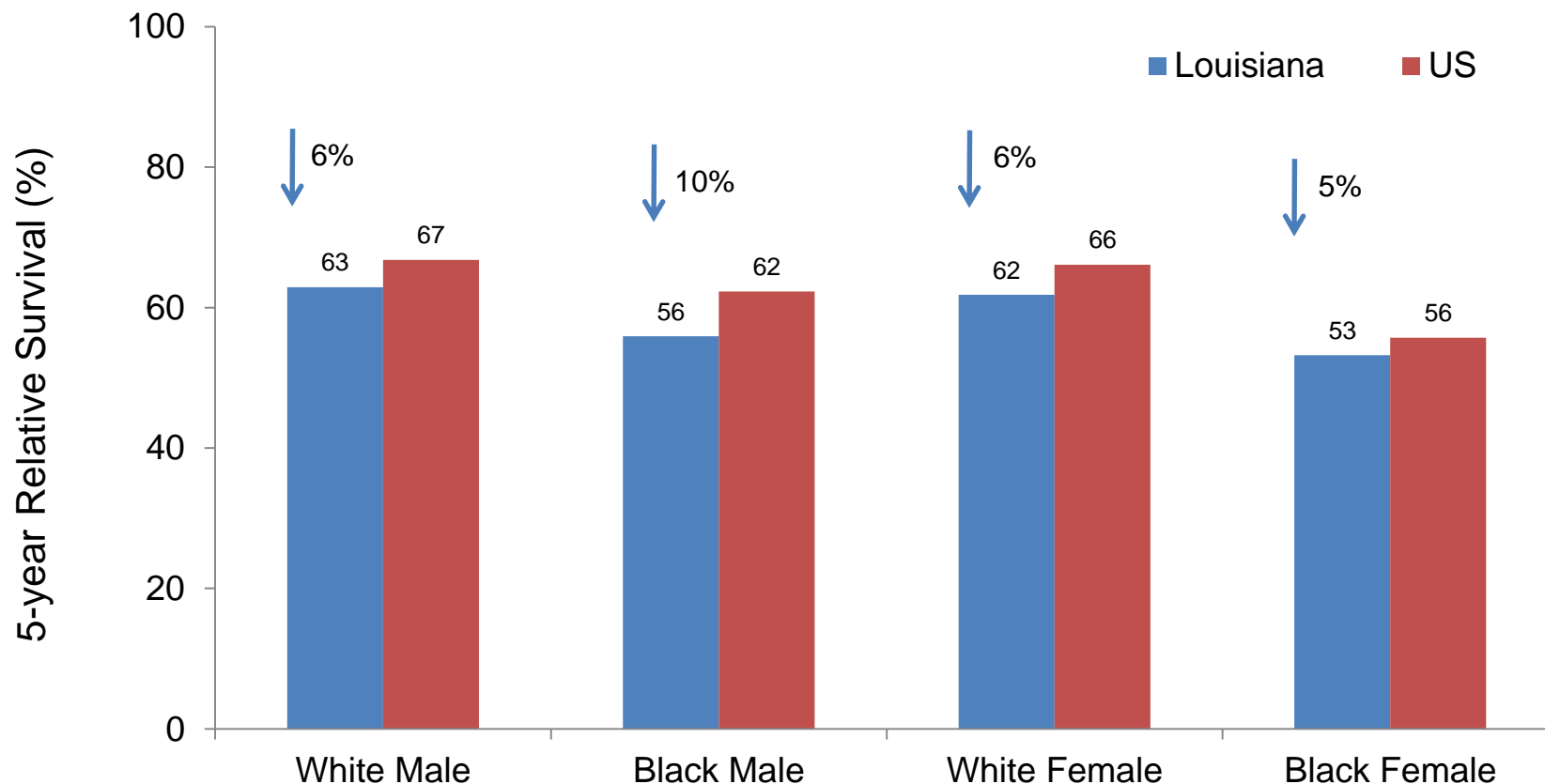
Trend of Incidence and Mortality Rates^{1,2} for All Cancers Combined, 1988-2010



¹Age-adjusted to the 2000 US standard population.

²Incidence data source: 18 SEER registries and Mortality data source: National Center for Health Statistics (NCHS).

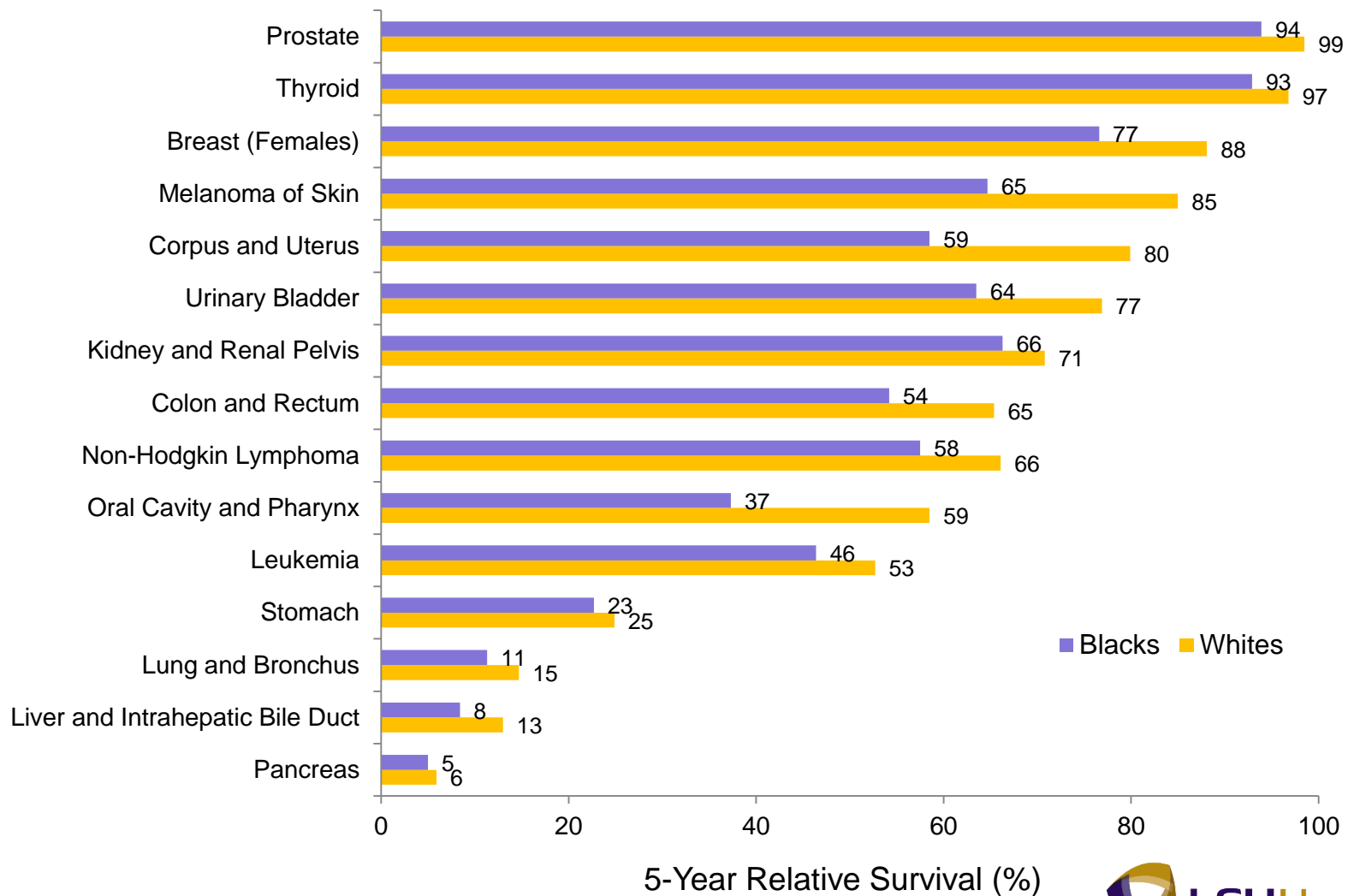
5-Year Relative Survival (%) of all Cancers¹ Louisiana vs. US,² 2003-2009



¹First primary only (sequence number 0 or 1), cut-off year is 2010.

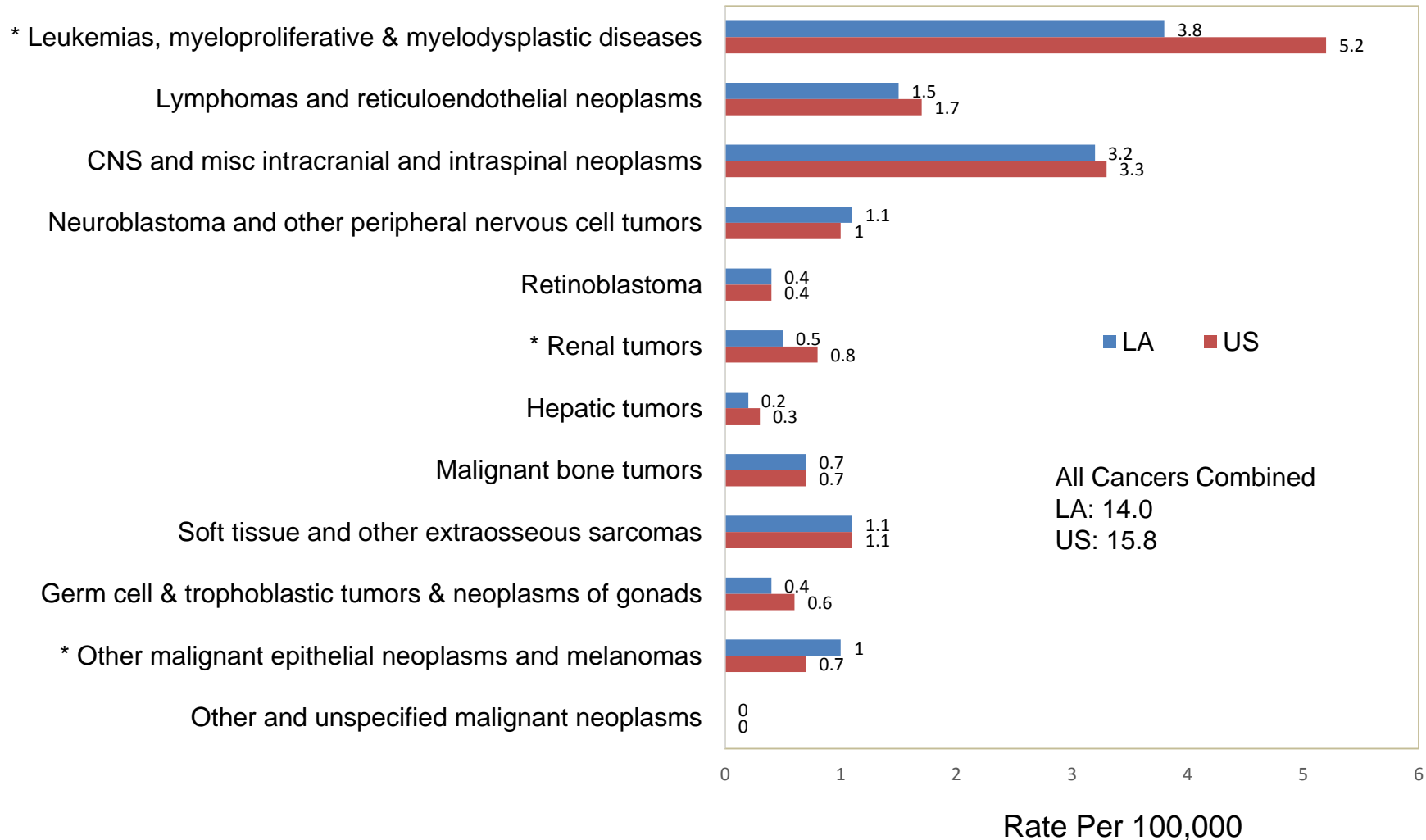
²Data source: 18 SEER registries.

5-Year Relative Survival (%) for Common Cancers,¹ Louisiana 2003-2009



¹First primary only (sequence number 0 or 1), cut-off year is 2010.

Cancer Incidence Rates¹ by ICCC Groups² Children Age 0-14, Louisiana vs.US,³ 2006-2010



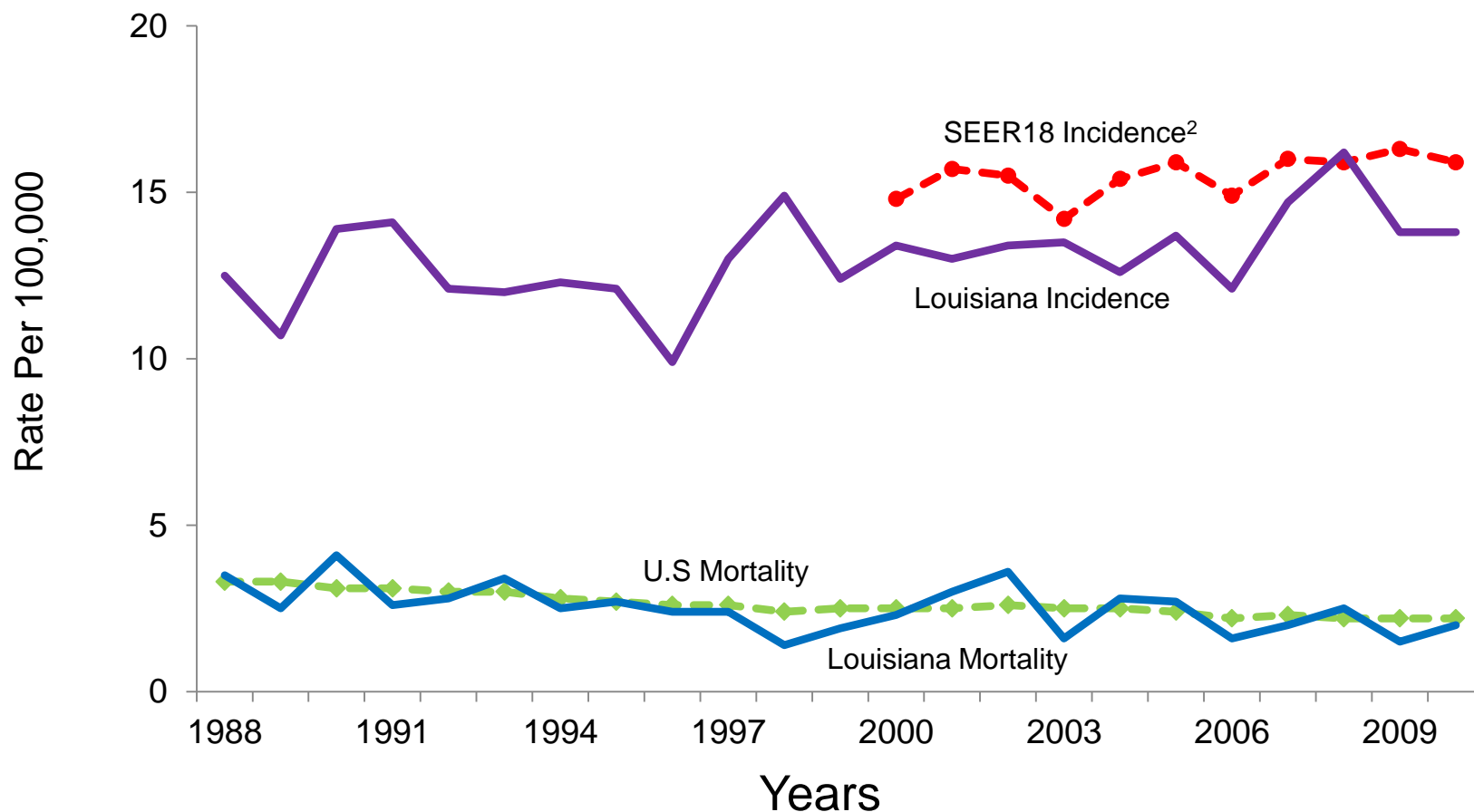
¹ Age-adjusted to the 2000 US Standard Population.

² International Classification of Childhood Cancer (ICCC)

³ US data source: SEER18 registries

* Incidence rate of Louisiana is significantly different from that of SEER18.

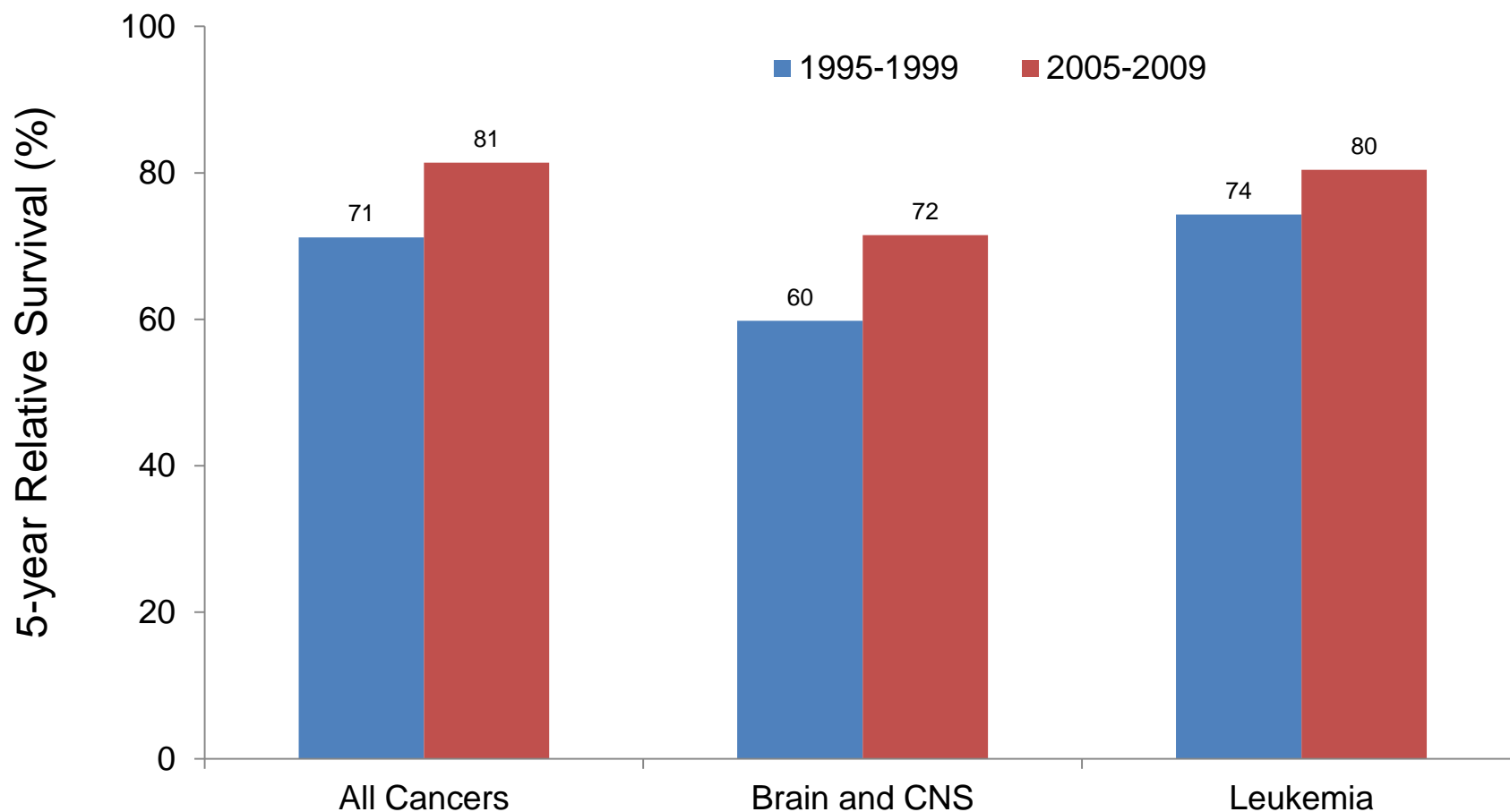
Trend of Incidence and Mortality Rates¹ (Children 0-14 Years), Louisiana, 1988-2010



¹ Age-adjusted to the 2000 US Standard Population.

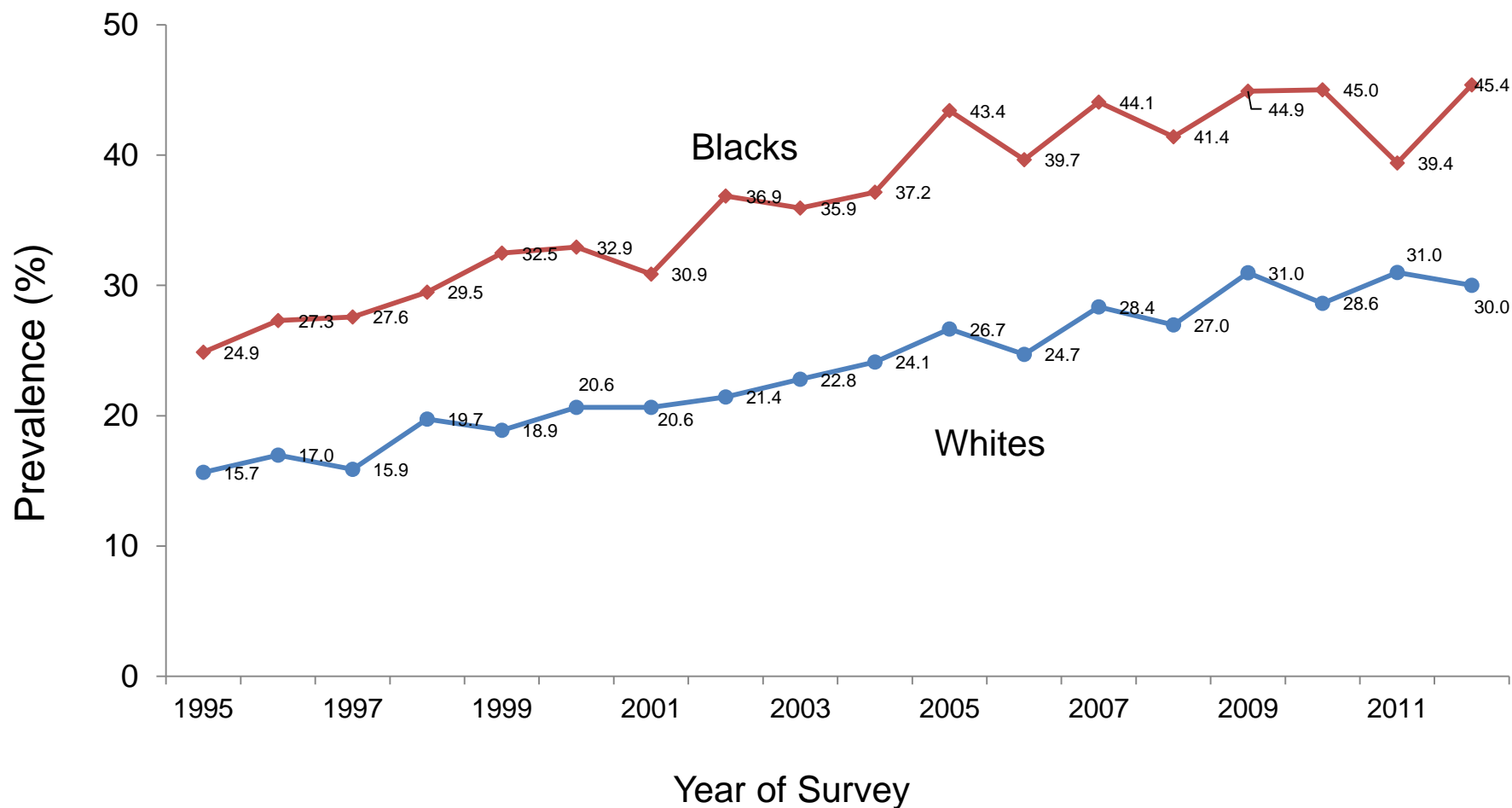
² Incidence data source was 18 SEER registries, and Mortality data source was National Center for Health Statistics (NCHS).

5-Year Relative Survival (%),¹ Childhood (Ages 0-14) Cancers, Louisiana, 1995-1999 vs.2005-2009



¹ First primary only (sequence number 0 or 1).

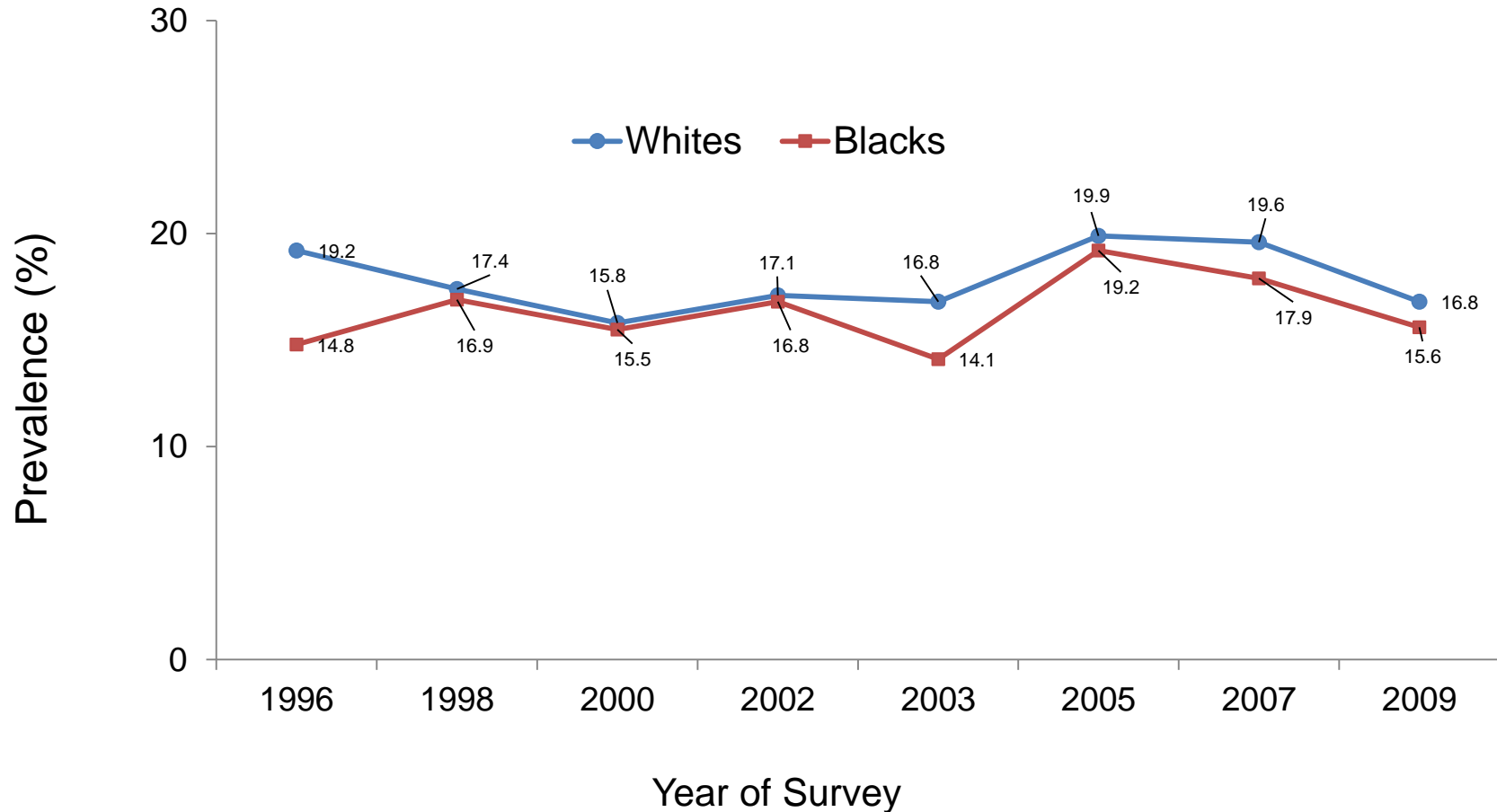
Prevalence(%) of Obesity^{1,2} for Adults 18+, Louisiana 1995-2012



¹ Obesity=body mass index ≥ 30 kg/m²

² Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Prevalence (%) of Fruit and Vegetable Consumption,^{1,2} Louisiana, 1996-2009

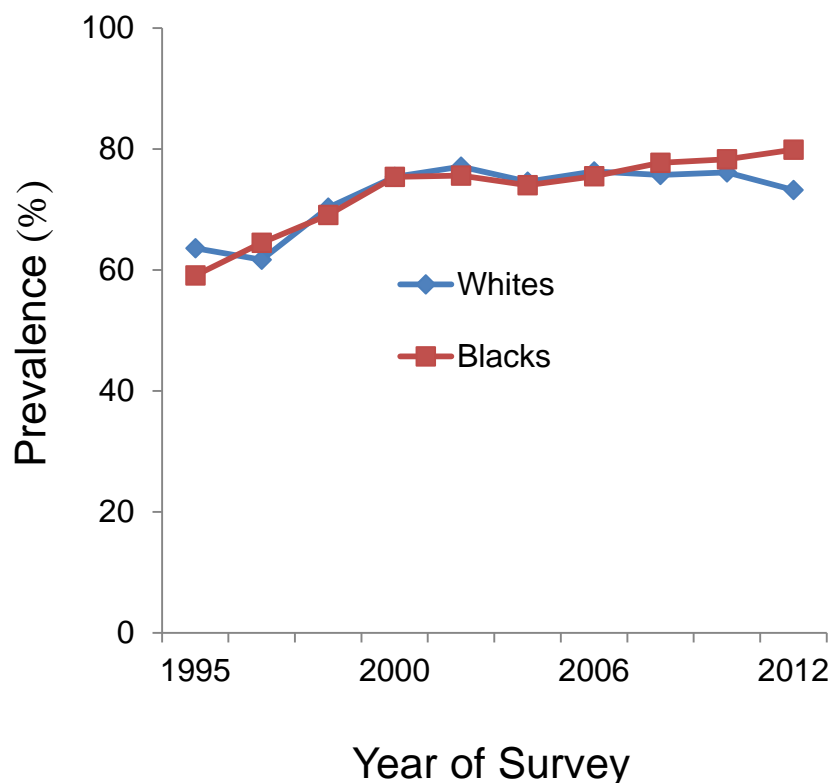


¹ Fruit and vegetable consumption five or more times per day

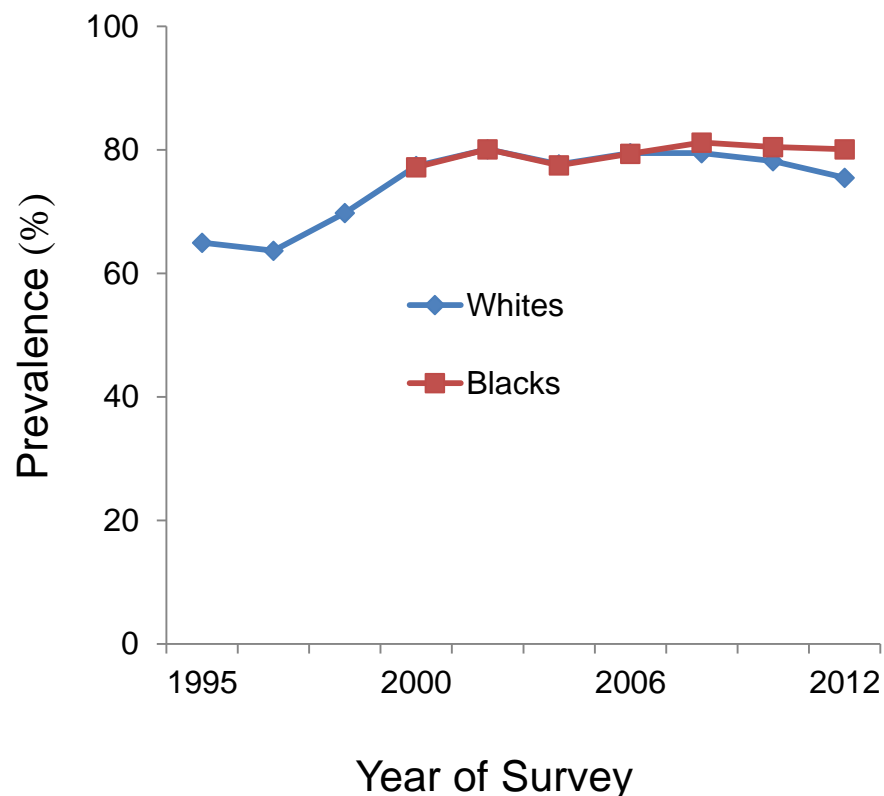
² Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Prevalence (%) of Having Mammogram,^{1,2} Louisiana, 1995-2012

Women Aged 40+



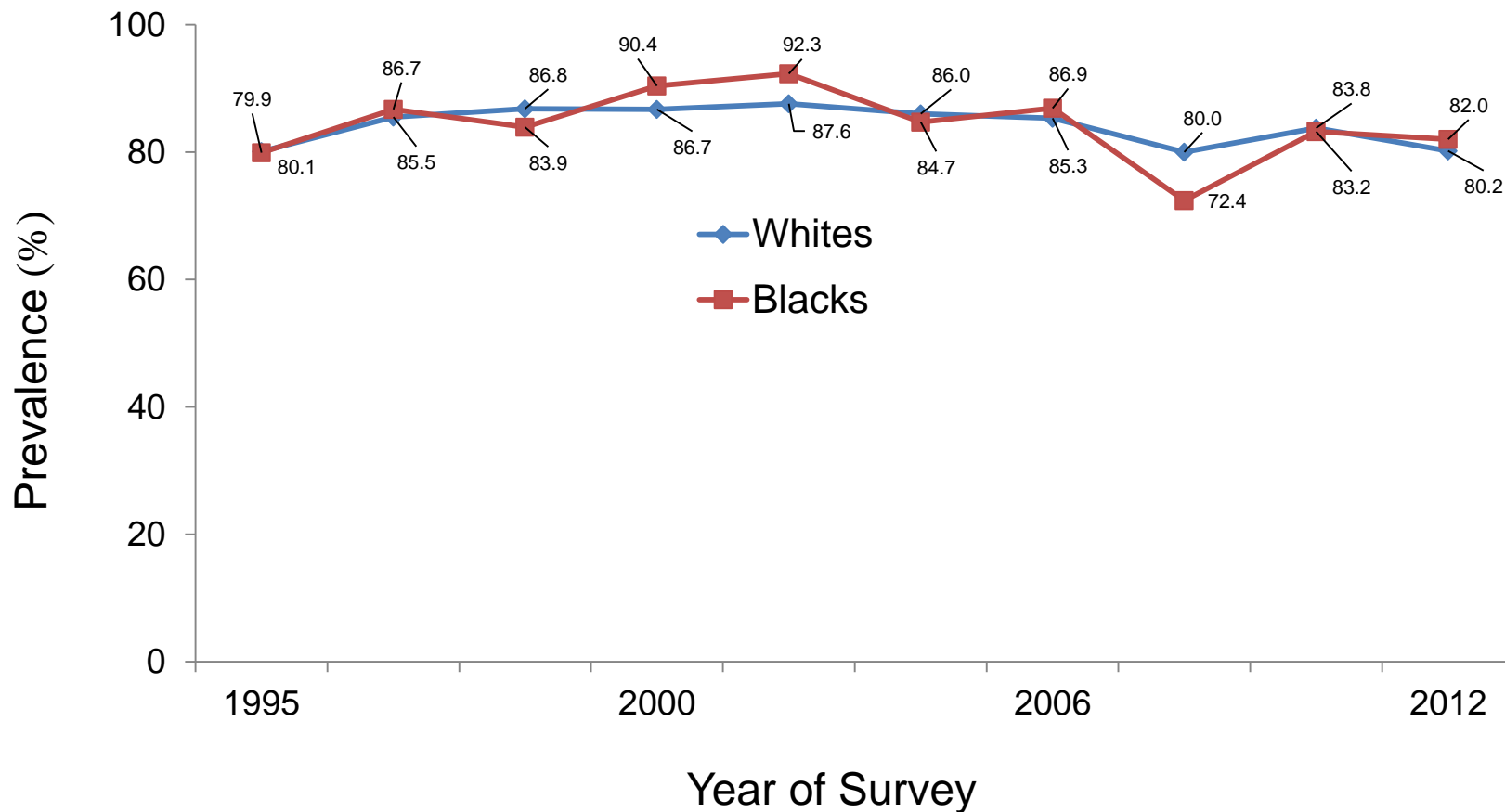
Women Aged 50+



¹ Have had Mammogram within the past two years.

² Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Prevalence of Having Pap Smear^{1,2} for Women Age 18+ Louisiana, 1995-2012

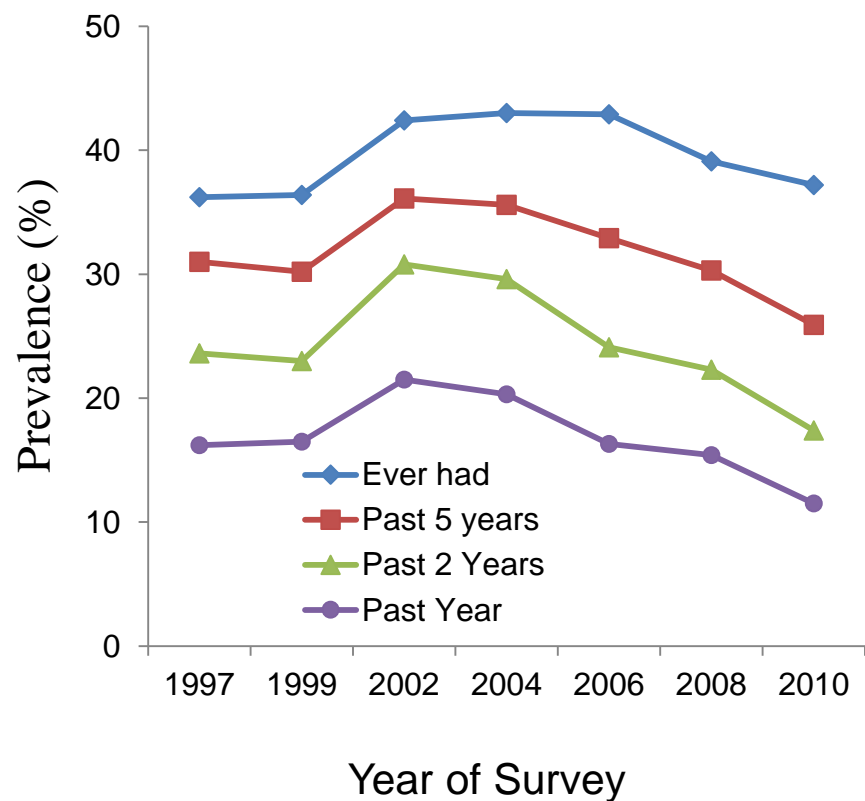


¹Have had Pap Smear test within the past three years.

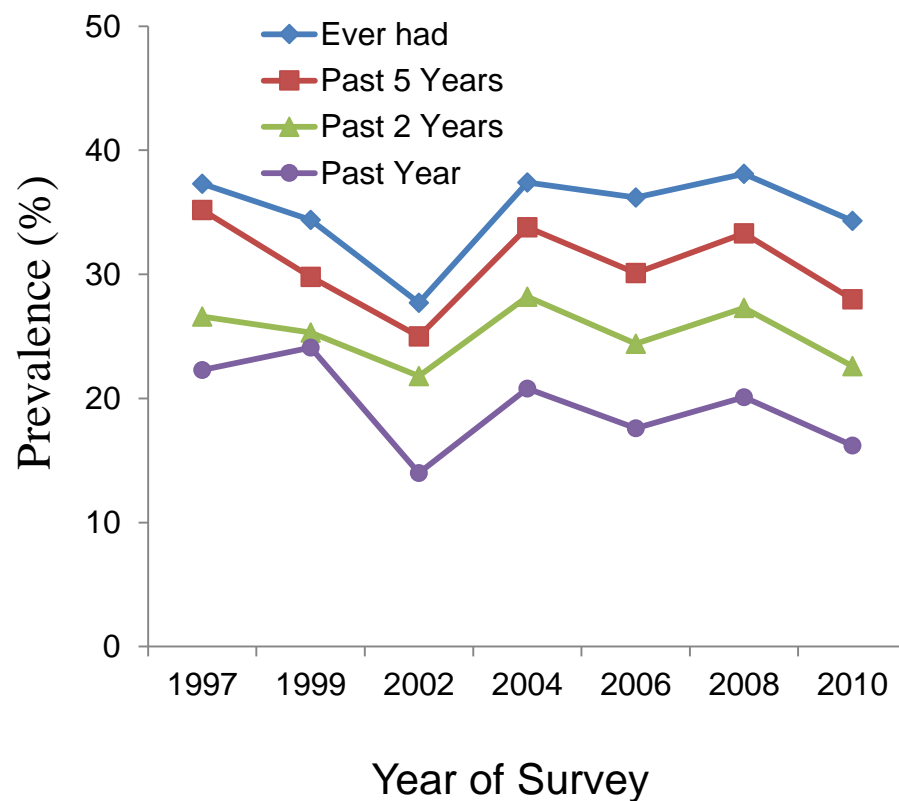
²Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Prevalence of Having Fecal Occult Blood Test¹ for Adult Age 50+, Louisiana 1997-2010

Whites



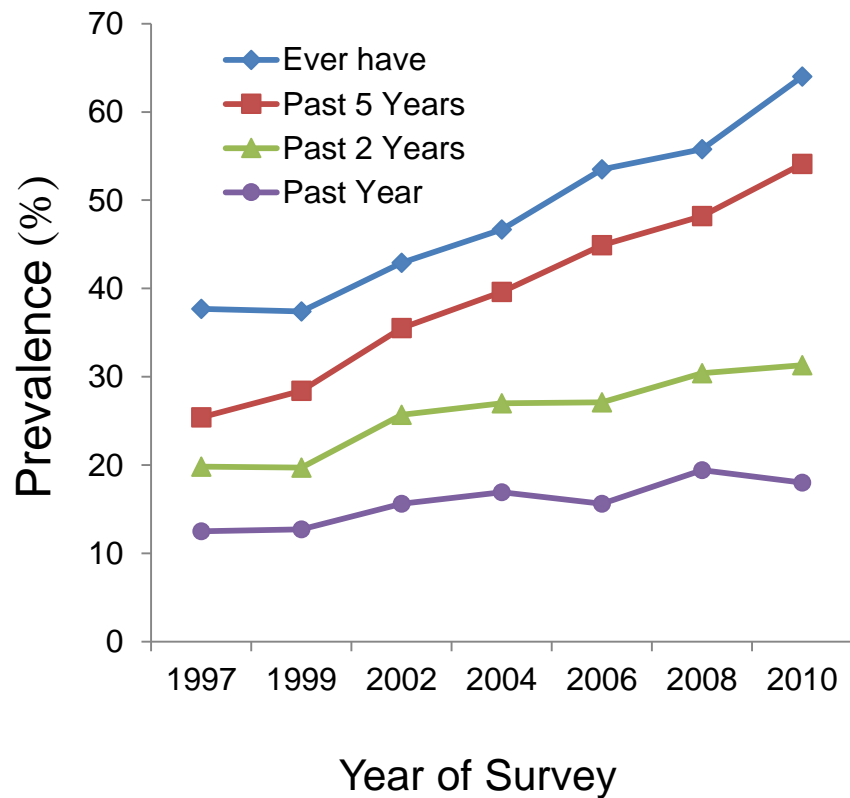
Blacks



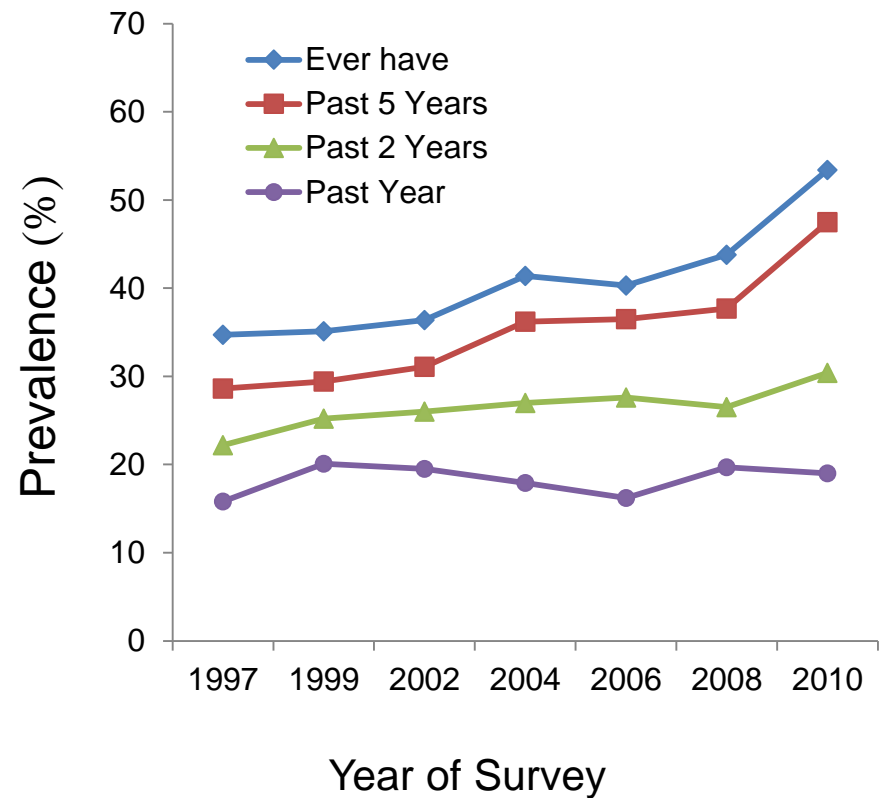
¹ Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Prevalence of Having a Sigmoidoscopy or Colonoscopy¹ For Adult Age 50+, Louisiana, 1997-2010

Whites



Blacks



¹ Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

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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**

Sources of LTR Funding

- National Cancer Institute, SEER Program
- National Program of Cancer Registries, CDC
- Louisiana Health Care Services Division

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