

# Louisiana Cancer Facts & Figures, Female Breast Cancer, 2013

Louisiana Tumor Registry

Xiang-Rong Li, MD, MSPH

October, 2013

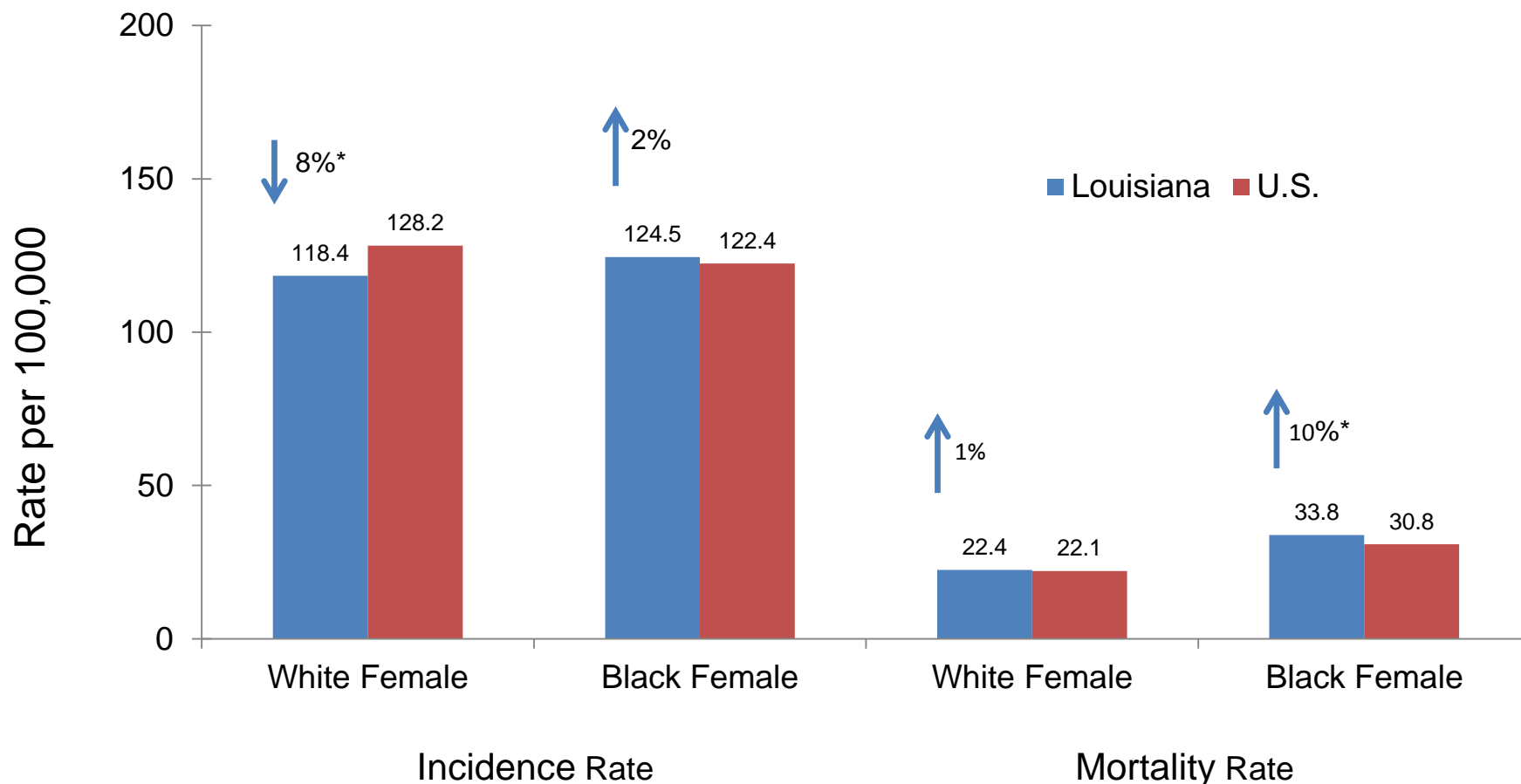
# Female Breast Cancer

Female breast Cancer was the first most common cancer and the second leading cause of cancer death in Louisiana women.

About 3,630 new female breast cancers are expected to be diagnosed and about 650 female are expected to die of breast cancer in Louisiana in 2013<sup>1</sup>.

<sup>1</sup>. Data source: American Cancer Society, Cancer Facts & Figures 2013

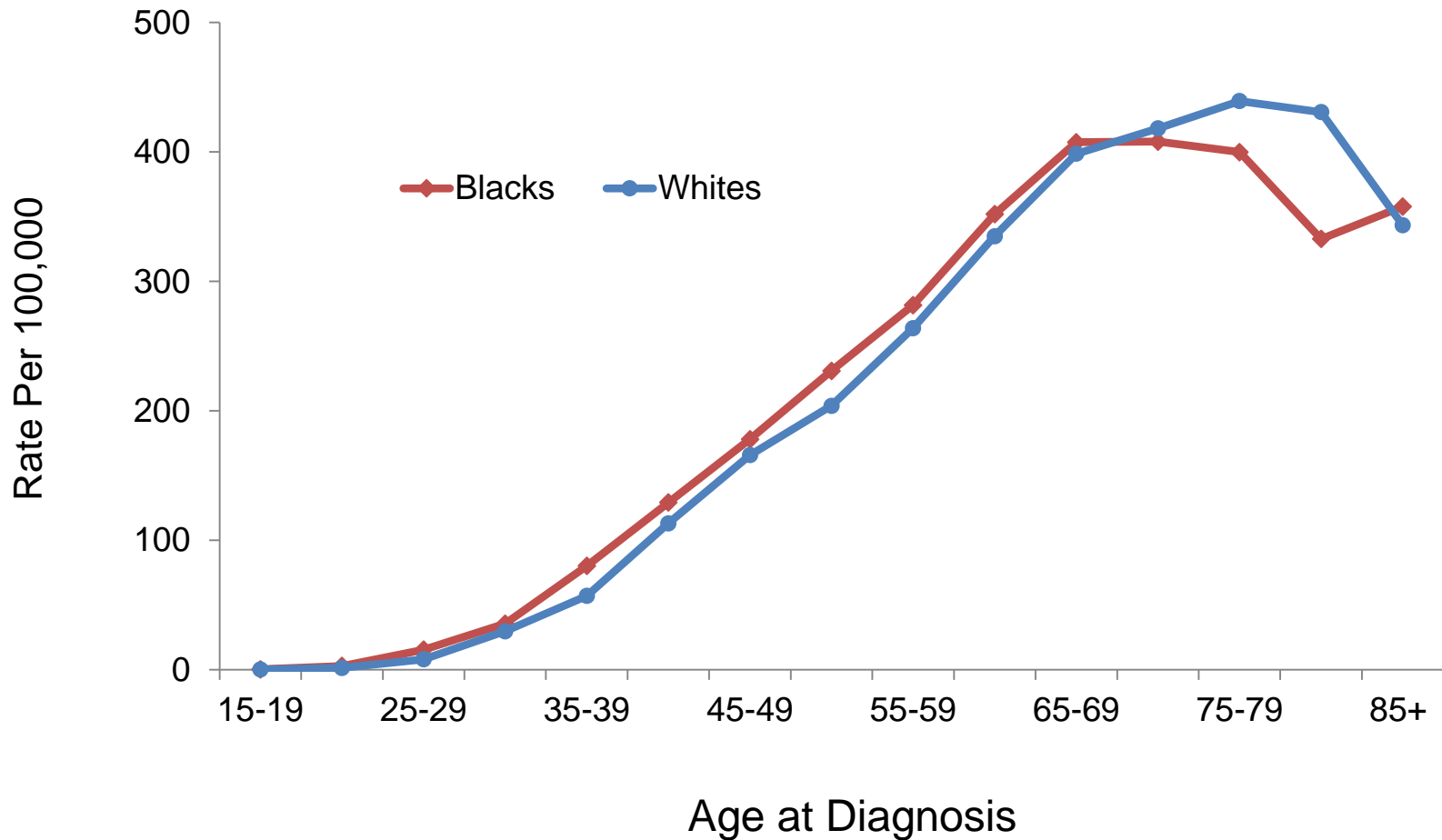
# Cancer Incidence and Mortality Rates<sup>1,2</sup> Female Breast Cancer, 2006-2010



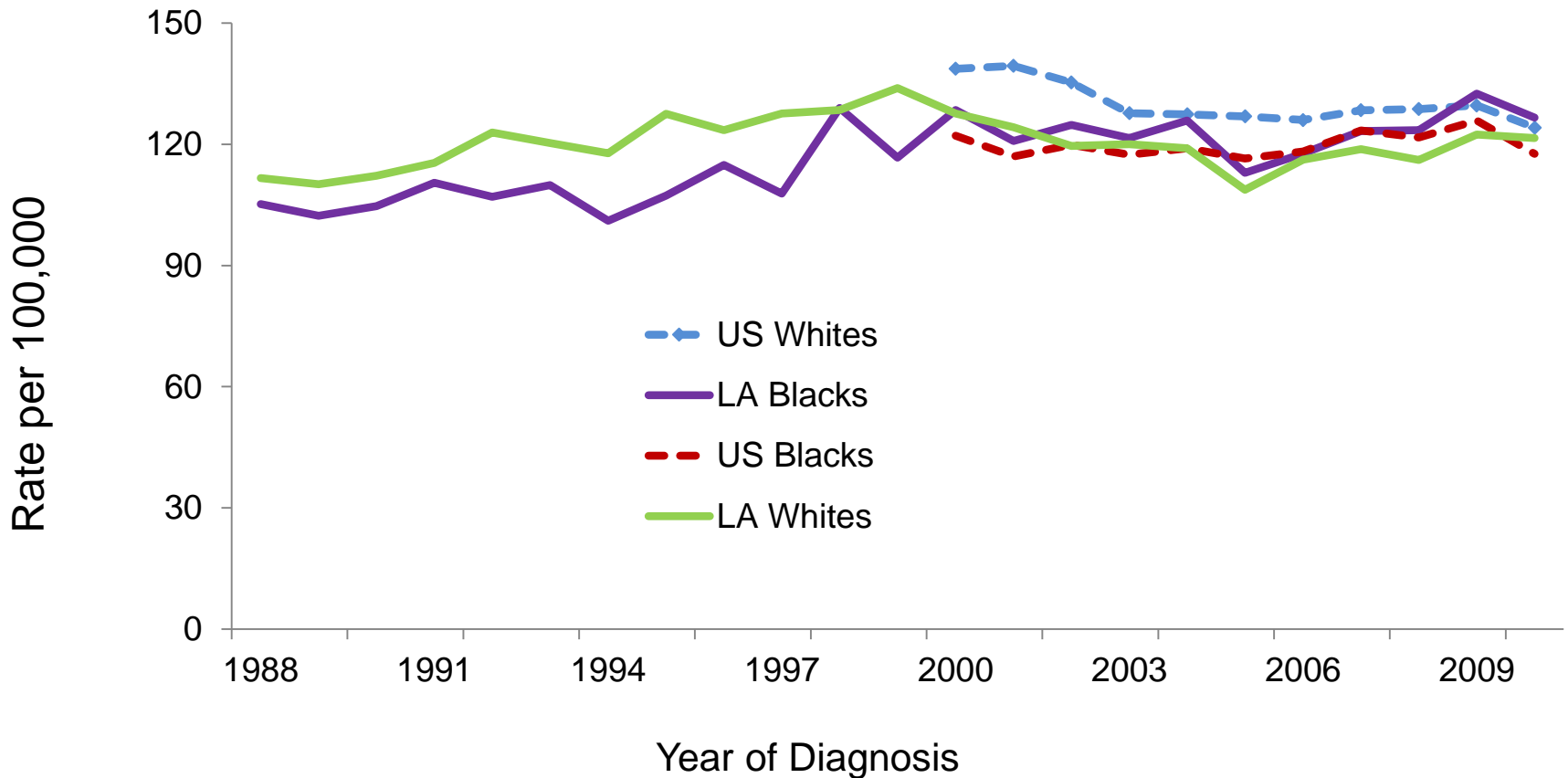
<sup>1</sup> Age-adjusted to the 2000 US standard population; <sup>2</sup> US incidence data source: SEER 18 registries; Mortality data source: National Center for Health Statistics (NCHS).

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

# Age-Specific Cancer Incidence Rates<sup>1</sup> of Female Breast Cancer, Louisiana, 2006-2010

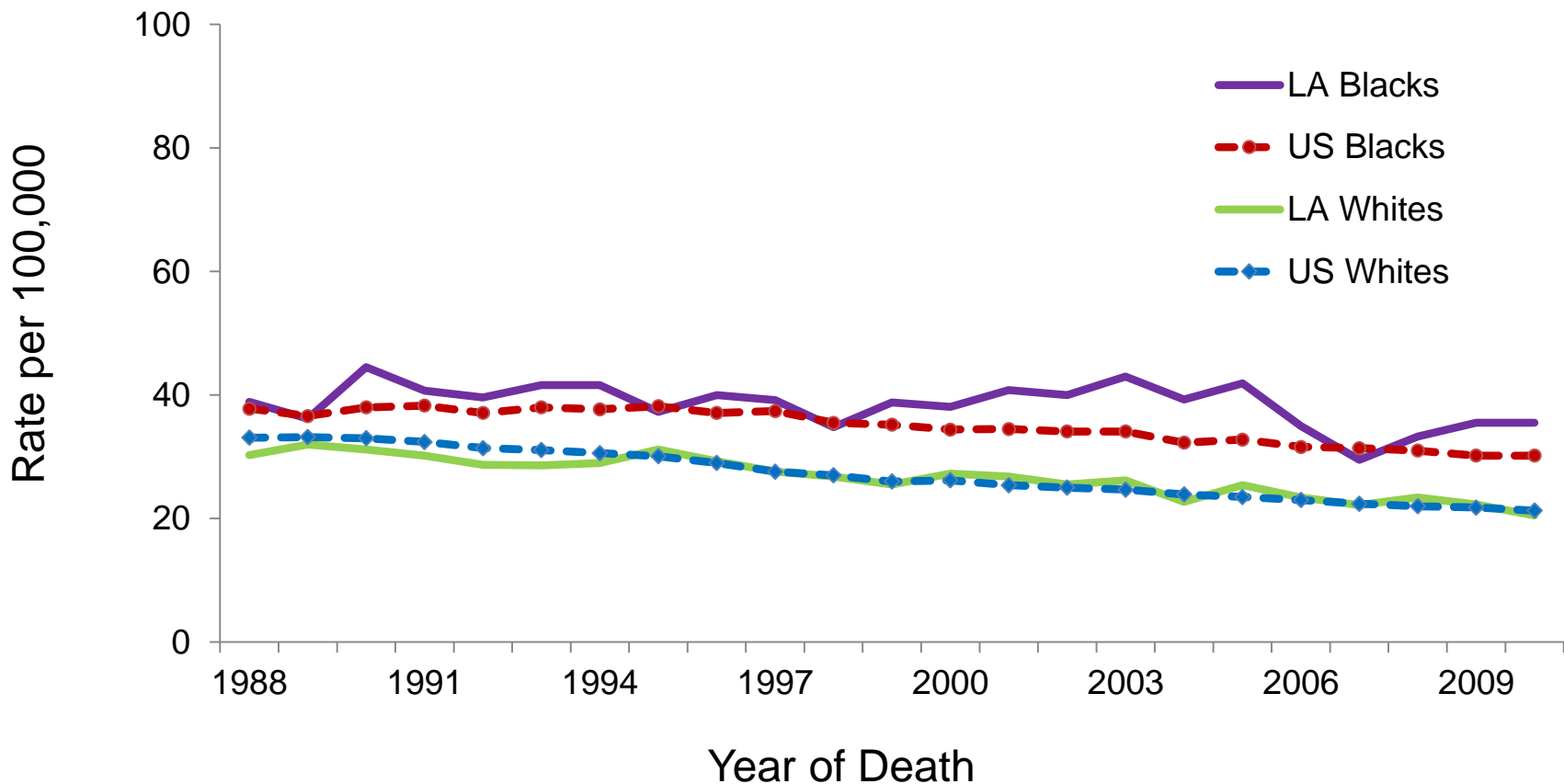


# Trends of Cancer Incidence Rates<sup>1,2</sup>: Female Breast, 1988-2010



<sup>1</sup> Age-adjusted to the 2000 US standard population. <sup>2</sup> US incidence data source was the 18 SEER registries.

# Trends of Cancer Mortality Rates<sup>1,2</sup>: Female Breast, 1988-2010

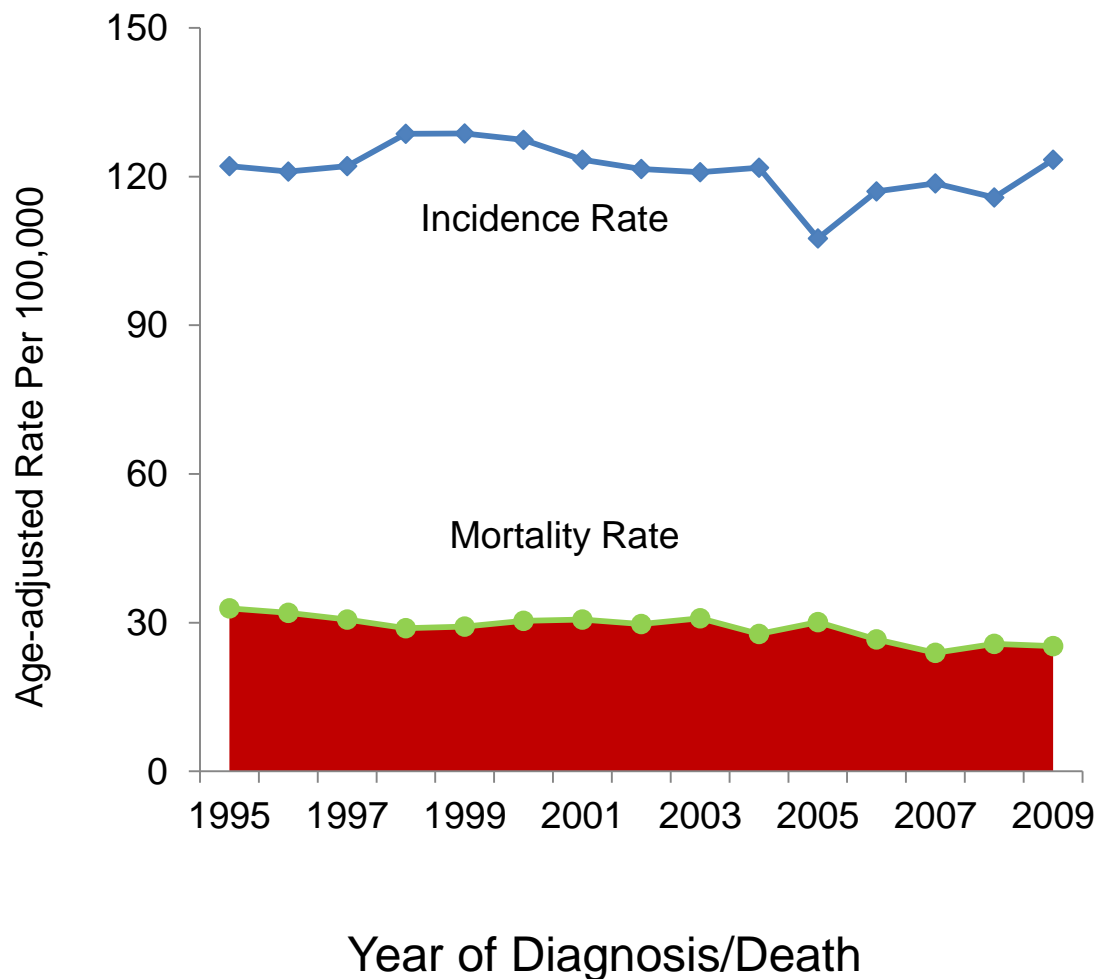


1. Age-adjusted to the 2000 US standard population.

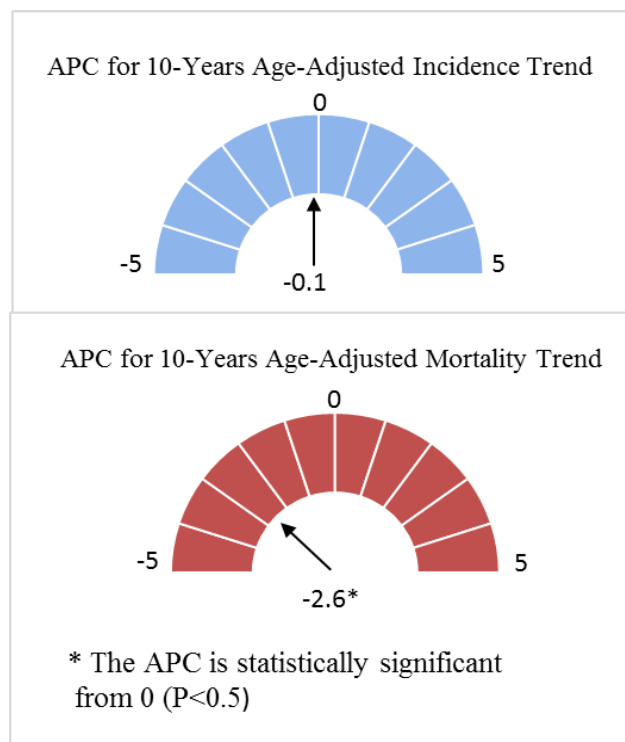
2. US Mortality data source was National Center of Health Statistics (NHCS).

# Female Breast Cancer: Louisiana

## Trends of Incidence and Mortality Rates; 1988-2010



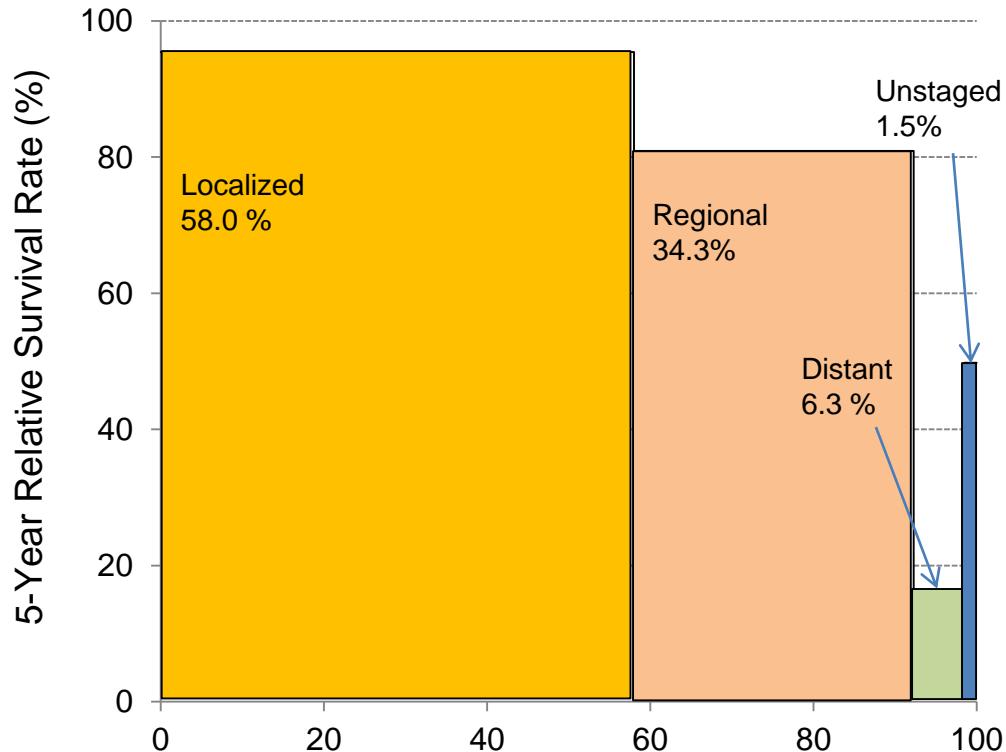
2001-2010



APCs were calculated using weighted least squares method.

# Female Breast Cancer<sup>1</sup>: Louisiana

## 5-Year Relative Survival by Stage<sup>2</sup>; 2003-2009



Stage Distribution (%), 2003-2009

### 5-year relative survival

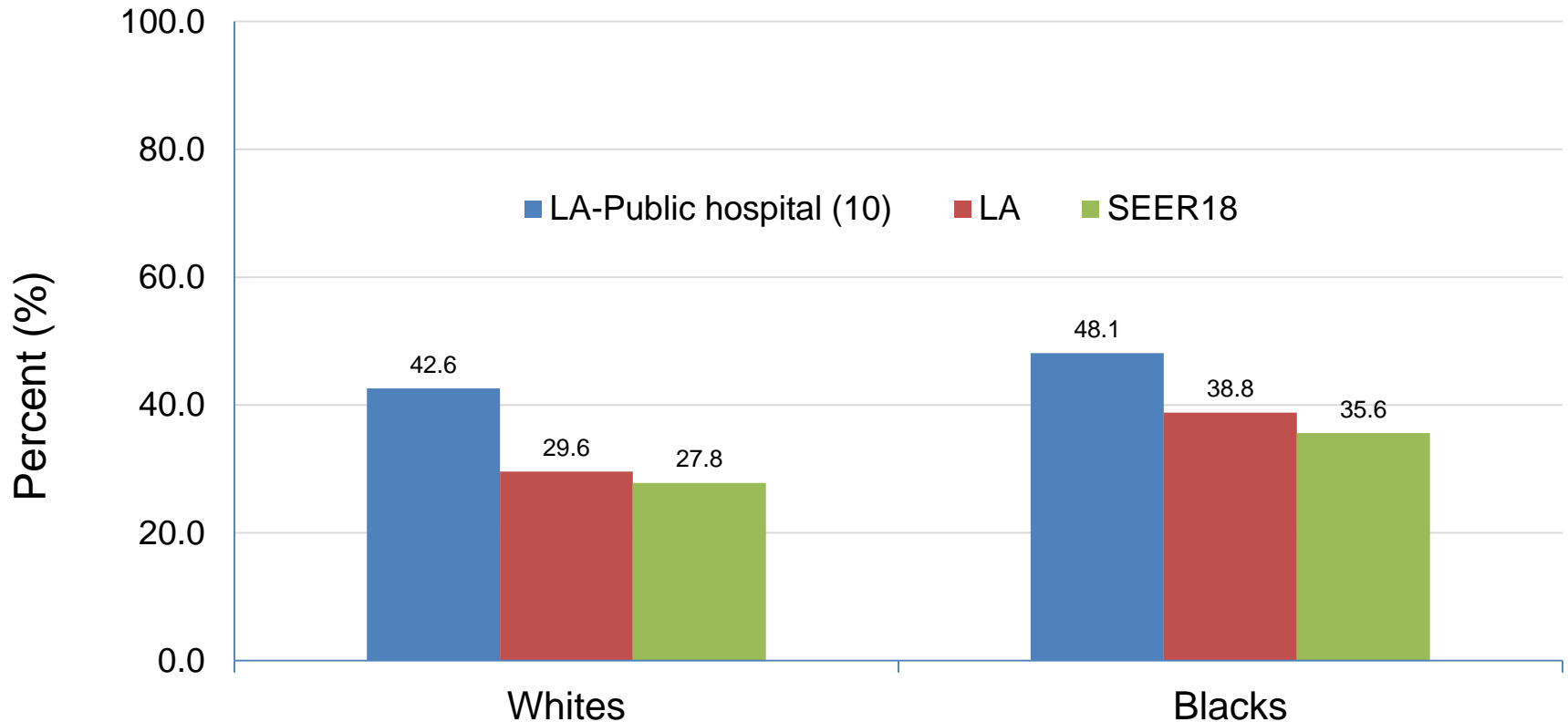
- All races: 84.7%
- Whites: 88.1%
- Blacks: 76.6%

1. Breast cancer includes first primary only (sequence number 0 or 1).

2. The stage distribution is based on Summary Stage 2000



# Percent of Cases Diagnosed at Late Stage<sup>1</sup>, Female Breast Cancer<sup>2</sup>, 2006-2010



1. Late stage include Regional & Distant.

2. Female breast cancer include in situ, localized, regional and distant cases.

# Editors

- Patricia A. Andrews, MPH, CTR
- Mei-Chin Hsieh, MSPH, CTR
- Brent A. Mumphrey, BS
- Beth Schmidt, MSPH
- Vivien W. Chen, PhD
- Xiang-Cheng Wu, MD, MPH, CTR

# 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

# Questions?

- Contact:
  - [LTR-info@lsuhsc.edu](mailto:LTR-info@lsuhsc.edu)
    - or
    - 504/568-5757