



Delaware's Cancer Incidence & Mortality Report 2005-2009

- Most comprehensive report to date
- Delaware's cancer mortality ranking drops again: now ranked 14 nationwide
- Lung Cancer : 30% of all cancer deaths in Delaware are due to lung cancer
- Prevention is vital

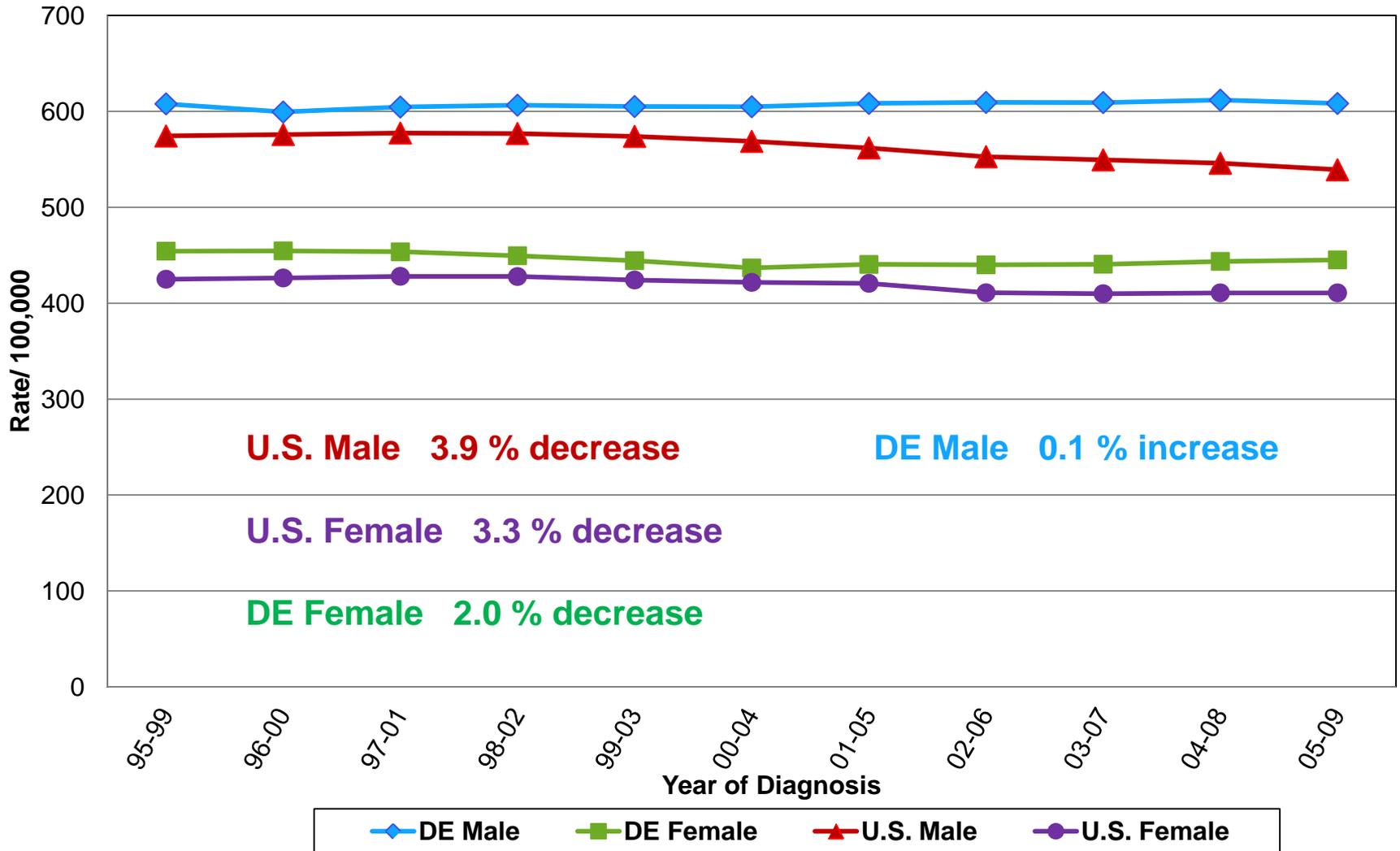


Cancer Incidence by Census Tract

- Approximately 5,014 cancer cases per year
- During the 2005-2009 time period: there were 25,068 cases eligible for analysis.
 - 214 Census Tracts – least populated tract had 694 residents and the most populated tract had 10,048 residents
 - 9 Census Tracts had significantly higher cancer incidence rates compared to state's average rate
 - 16 Census Tracts had significantly lower cancer incidence rates compared to state's average rate
 - 189 Census Tracts were not significantly different from state's average rate.

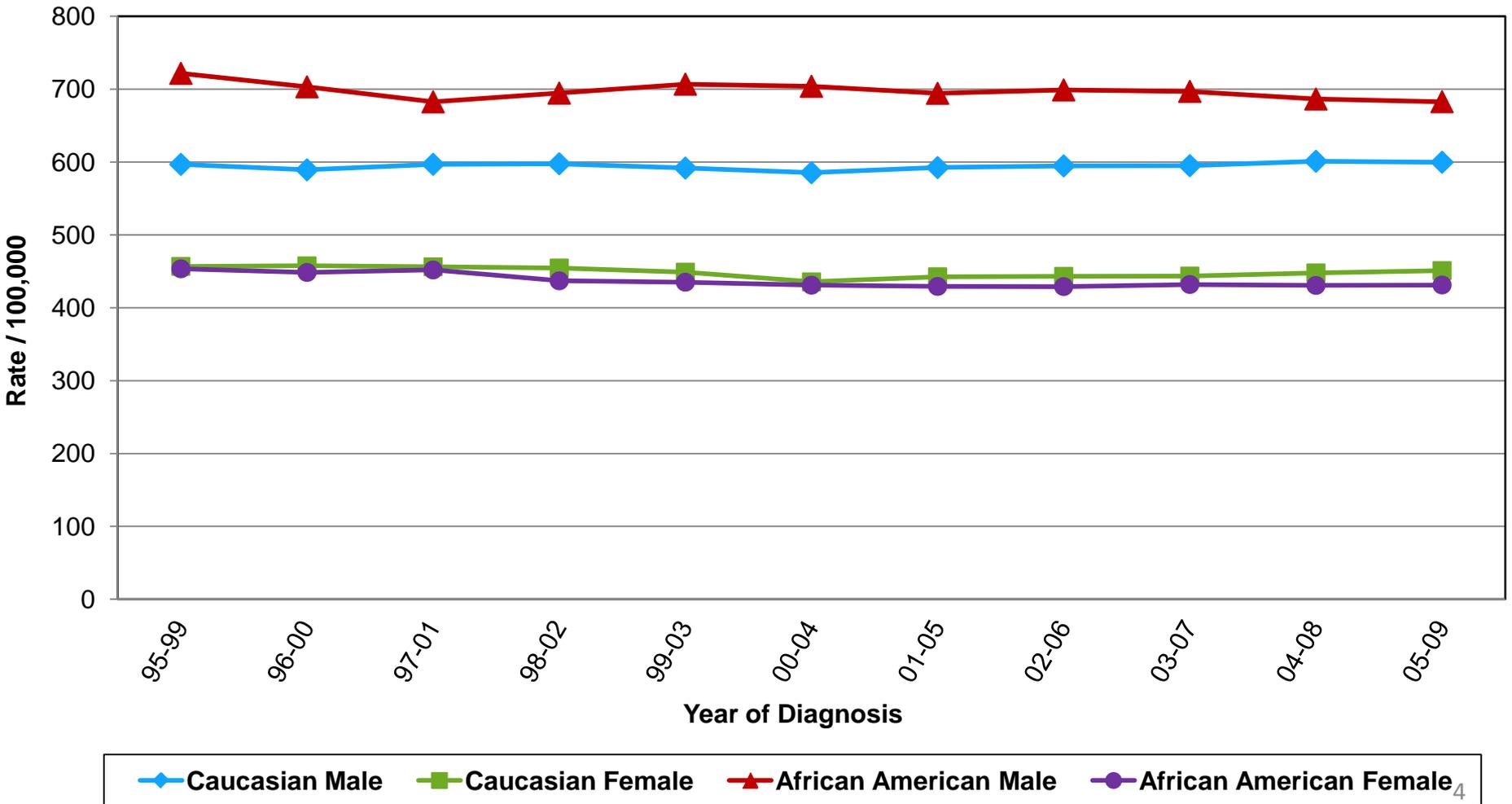


Five-Year Average Age-Adjusted All Site Cancer Incidence Rates, U.S. and Delaware by Sex, 1995–2009





Five-Year Average Age-Adjusted All Site Cancer Incidence Rates in Delaware by Race and Sex, 1995–2009





| Delaware's Incidence Rate Significantly Higher than U.S. |
|---|
| All site |
| Colorectal |
| Lung / bronchus |
| Melanoma of skin |
| Prostate |
| Thyroid |
| Urinary bladder |
| Uterus |

| Delaware's Incidence Rate Significantly Lower than U.S. |
|--|
| Liver and bile duct |
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Cancer Sites with Dramatic Increases in Incidence from 1995-1999 through 2005-2009 both in Delaware and U.S.

| | Delaware Percent Change 1995-99 to 2005-09 | United States Percent Change 1995-99 to 2005-09 |
|-----------------------|--|---|
| Kidney / renal pelvis | 32.2% | 33.6% |
| Liver and bile duct | 75.3% | 70.5% |
| Pancreas | 18.5% | 7.1% |
| Thyroid | 56.5% | 70.6% |
| Melanoma of skin | 63.7% | 20.0% |

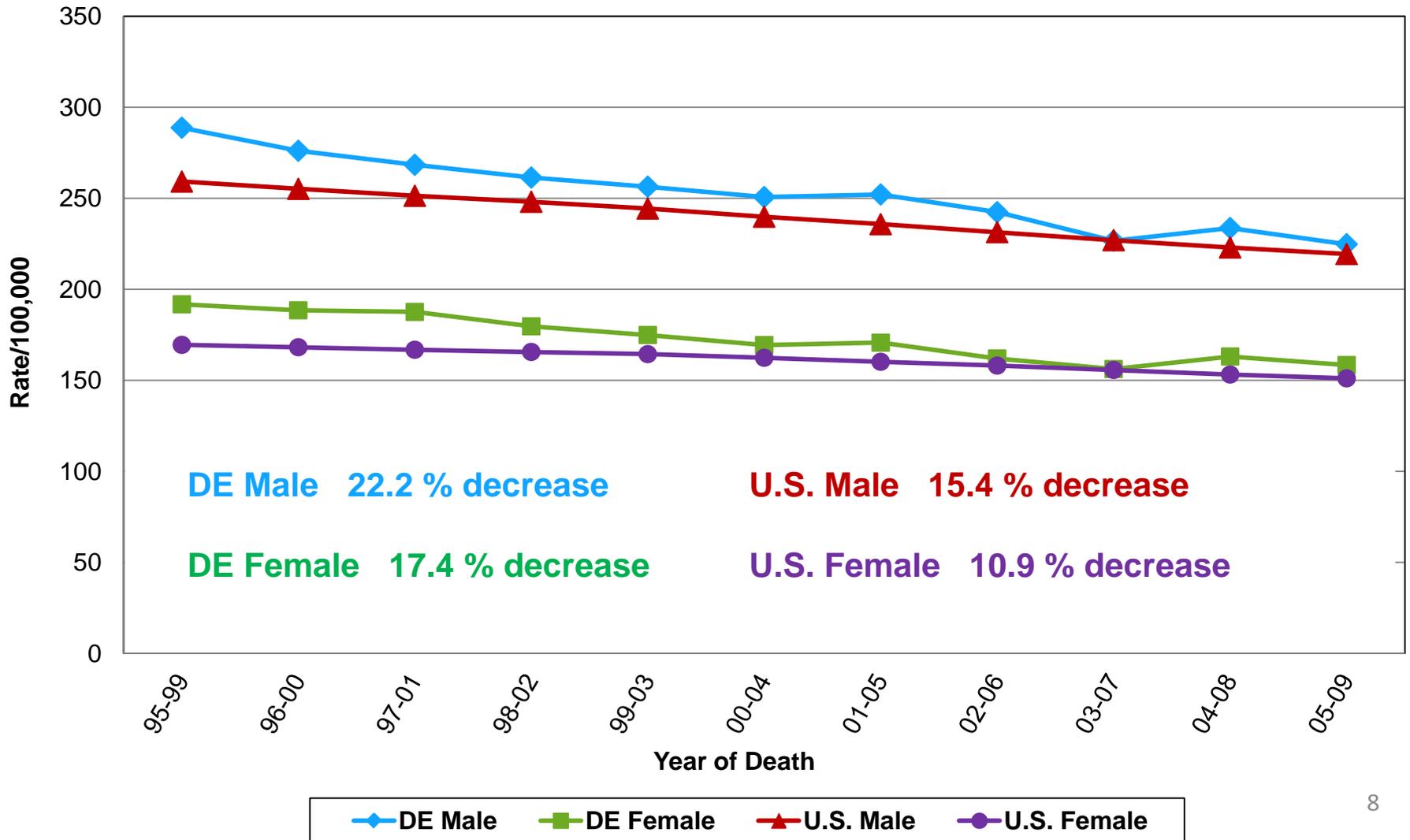


Cancer Sites with Declines in Incidence from 1995-1999 through 2005-2009 both in Delaware and U.S.

| | Delaware Percent Change 1995-99 to 2005-09 | United States Percent Change 1995-99 to 2005-09 |
|------------------|---|--|
| Cervix | -18.7% | -10.0% |
| Colorectal | -19.8% | -16.6% |
| Esophagus | -16.7% | -4.3% |
| Larynx | -27.7% | -19.0% |
| Ovary | -31.5% | -12.4% |
| Stomach | -15.7% | -10.6% |
| Hodgkin lymphoma | -14.5% | 0.0% |

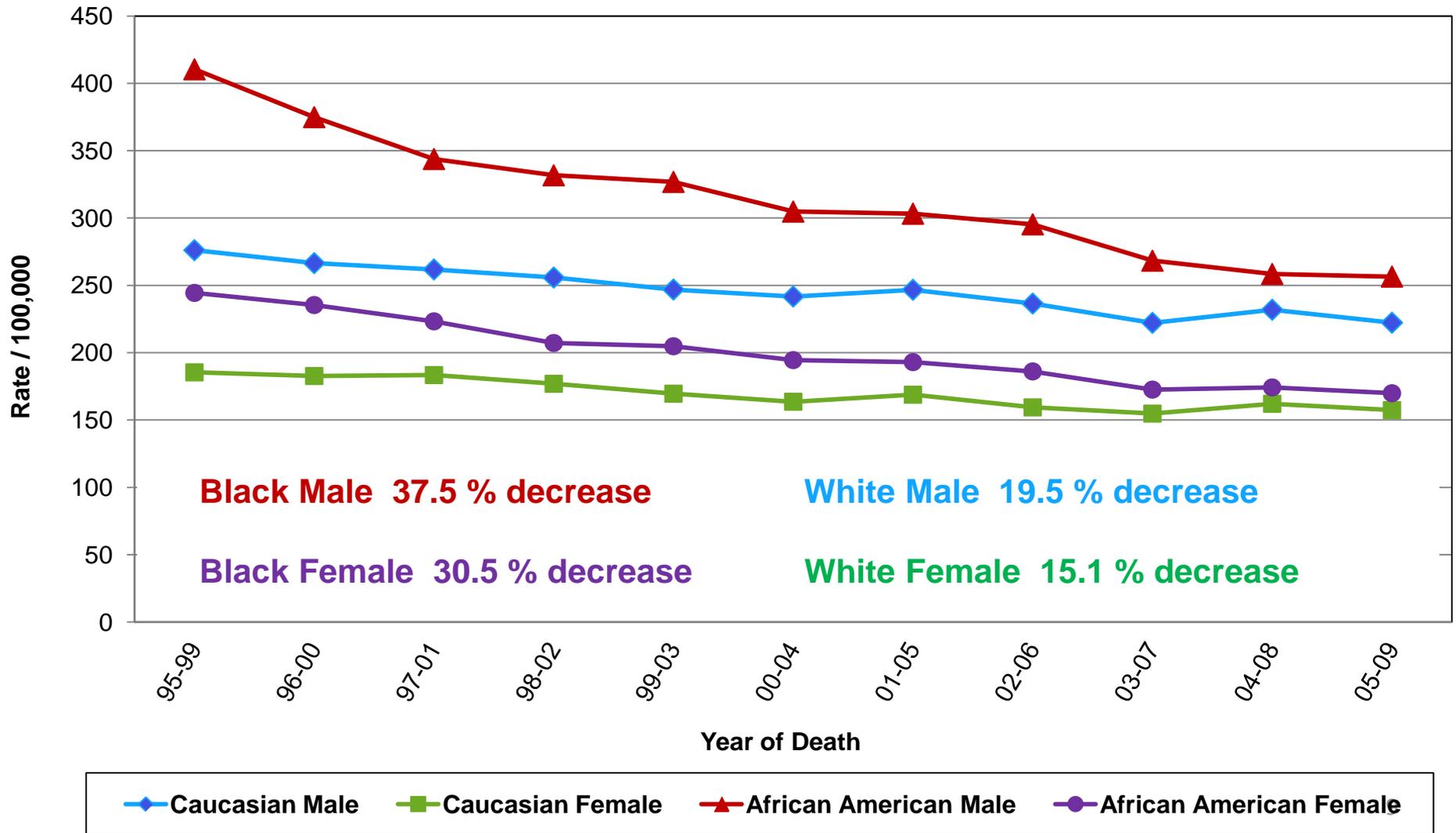


Five-Year Average Age-Adjusted All Site Cancer Mortality Rates, U.S. and Delaware by Sex, 1995–2009





Five-Year Average Age-Adjusted All Site Cancer Mortality Rates by Race and Sex, Delaware, 1995–2009





Cancer Sites with Considerable Improvements in Mortality from 1995-1999 through 2005-2009; both in Delaware and U.S.

| | Delaware Percent Change 1995-99 to 2005-09 | United States Percent Change 1995-99 to 2005-09 |
|-----------------------|--|---|
| Female breast | -29.0% | -19.0% |
| Cervix | -54.3% | -22.6% |
| Colorectal | -29.0% | -22.7% |
| Larynx | -22.0% | -20.0% |
| Lung | -16.8% | -11.5% |
| NHL | -22.2% | -24.1% |
| Oral cavity / pharynx | -25.2% | -16.7% |
| Prostate | -35.0% | -31.2% |
| Stomach | -25.5% | -28.0% |



Other Cancer Sites with Improvements in Mortality from 1995-1999 through 2005-2009; both in Delaware and U.S.

| | Delaware Percent Change 1995-99 to 2005-09 | United States Percent Change 1995-99 to 2005-09 |
|------------------|--|---|
| Leukemia | -12.9% | -7.8% |
| Lung | -16.8% | -11.5% |
| Multiple myeloma | -14.1% | -12.8% |
| Ovary | -17.1% | -7.9% |



Cancer Prevention

- **Tobacco use** is the leading risk factor
 - Users and those exposed are at risk for cancers of the lung, esophagus, larynx (voice box), mouth, throat, kidney, bladder, pancreas, stomach and cervix.
- **Lack of Physical Activity, Unhealthy Eating and Obesity** are associated with increased risks of multiple types of cancers:
 - Prevention Strategy: 5-2-1 Almost None
- **Alcohol abuse** is a risk factor for cancer of the digestive tract and liver.



Thank you!

- Delaware Cancer Consortium and Cancer Program
- Health Care partners
- State and federal partners
- Screening for Life and CHAP programs