



## Delaware's Cancer Incidence & Mortality Report 2005-2009

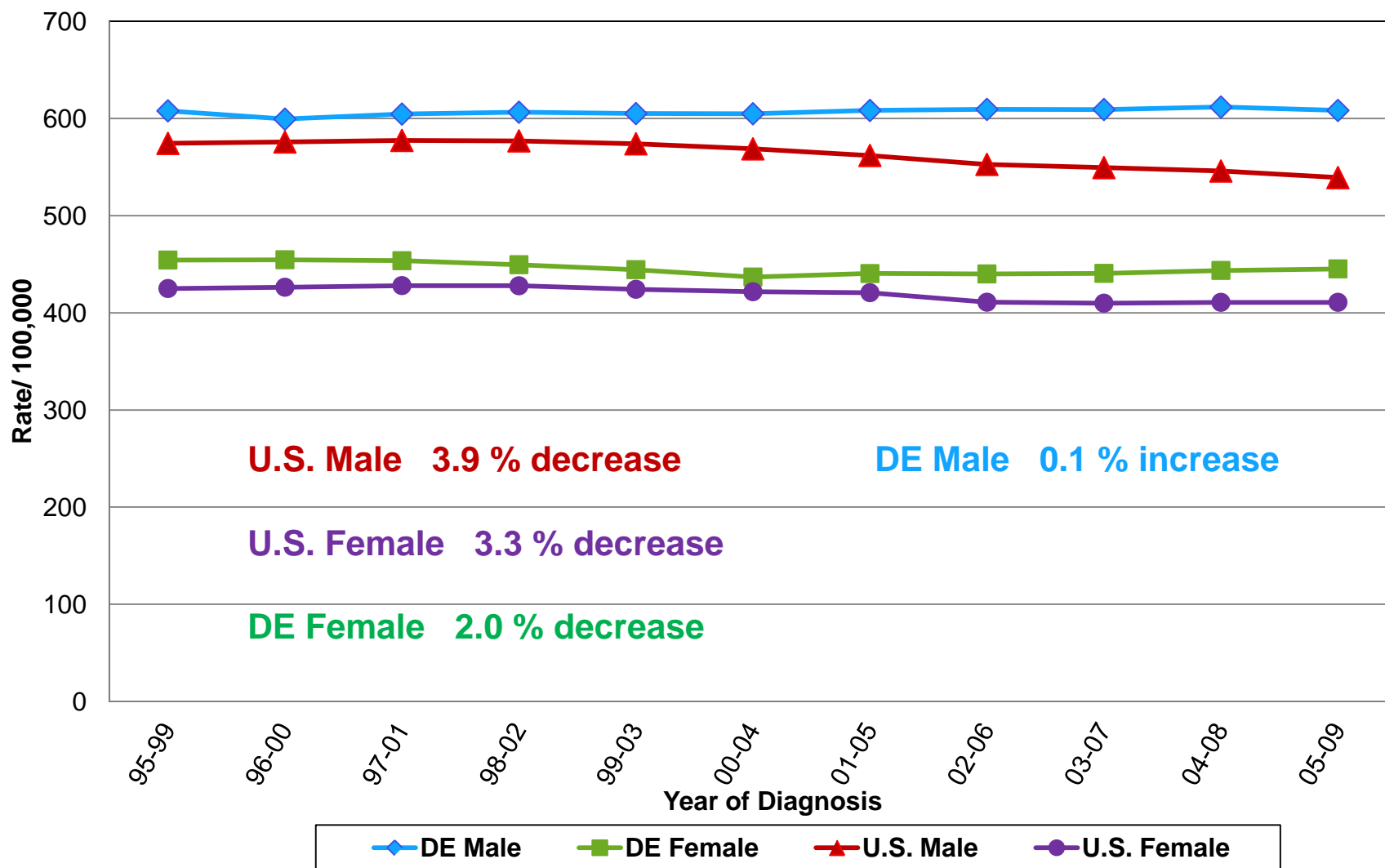
- Most comprehensive report to date
- Delaware's cancer mortality ranking drops again: now ranked 14 nationwide
- Lung Cancer : 30% of all cancer deaths in Delaware are due to lung cancer
- Prevention is vital



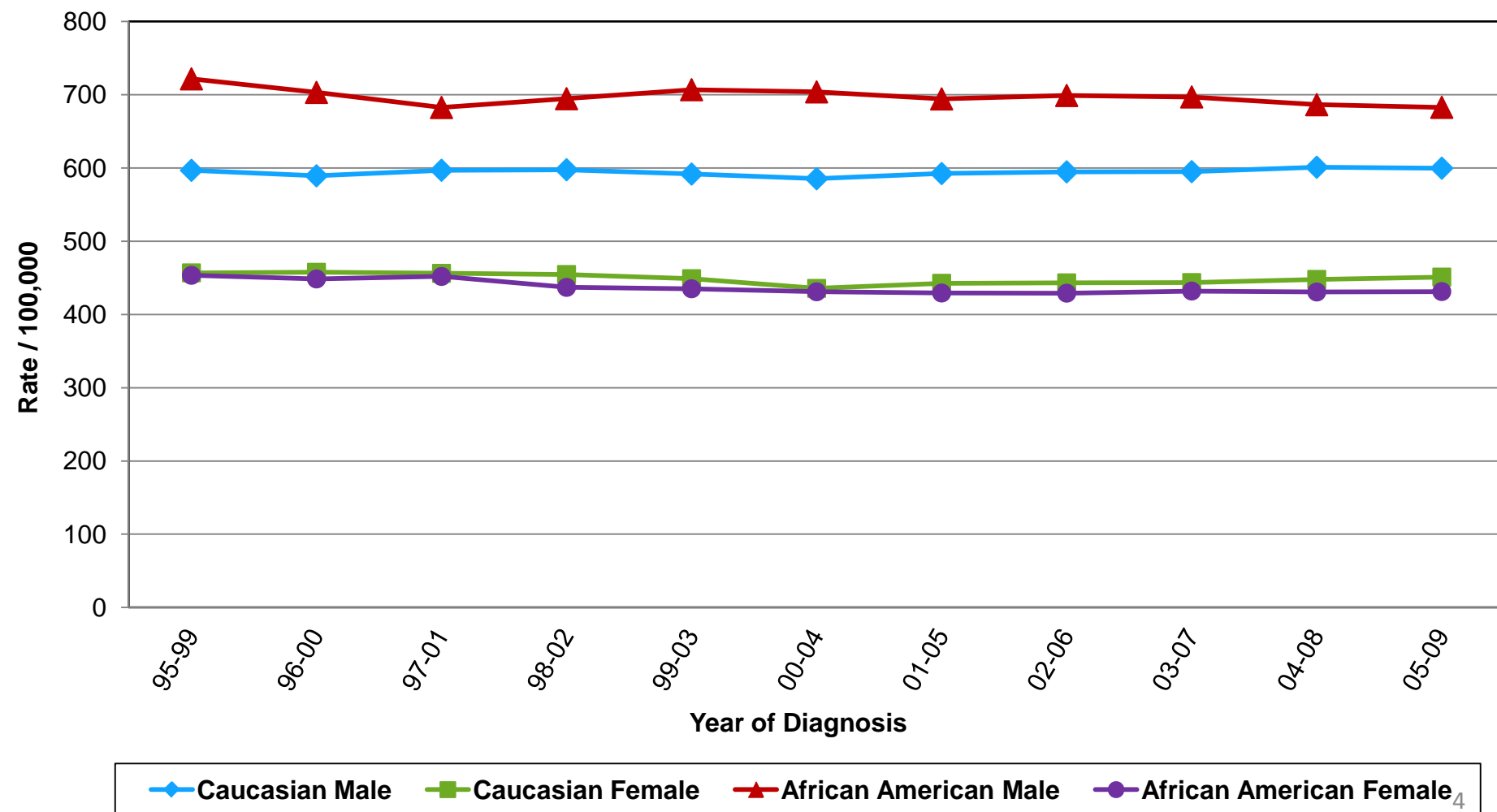
# Cancer Incidence by Census Tract

- 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.	Delaware's Incidence Rate Significantly Lower than U.S.
All site	Liver and bile duct
Colorectal	
Lung / bronchus	
Melanoma of skin	
Prostate	
Thyroid	
Urinary bladder	
Uterus	

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

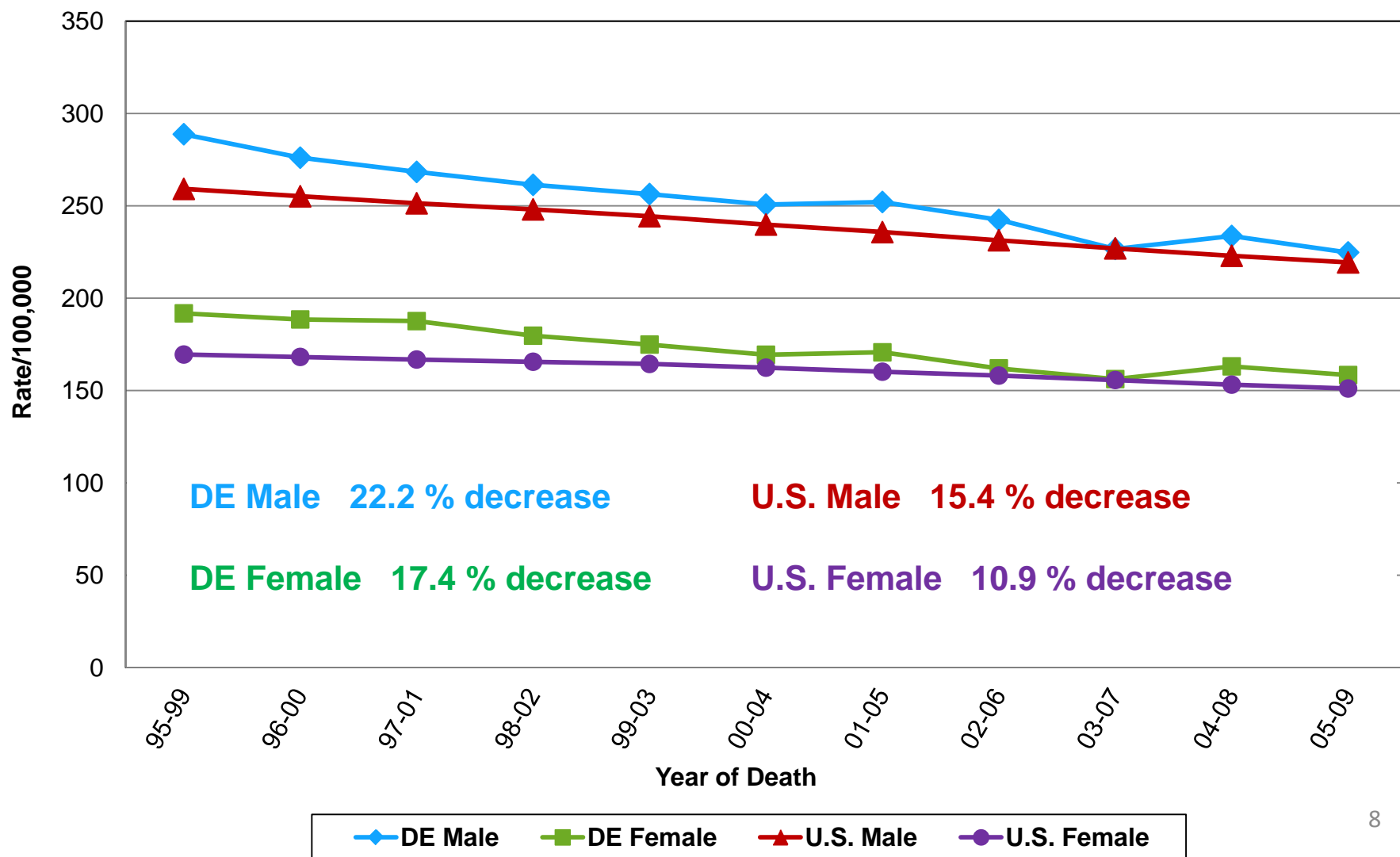
	Delaware Percent Change 1995-99 to 2005-09	United States Percent Change 1995-99 to 2005-09
Kidney / renal pelvis	32.2%	33.6%
Liver and bile duct	75.3%	70.5%
Pancreas	18.5%	7.1%
Thyroid	56.5%	70.6%
Melanoma of skin	63.7%	20.0%



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

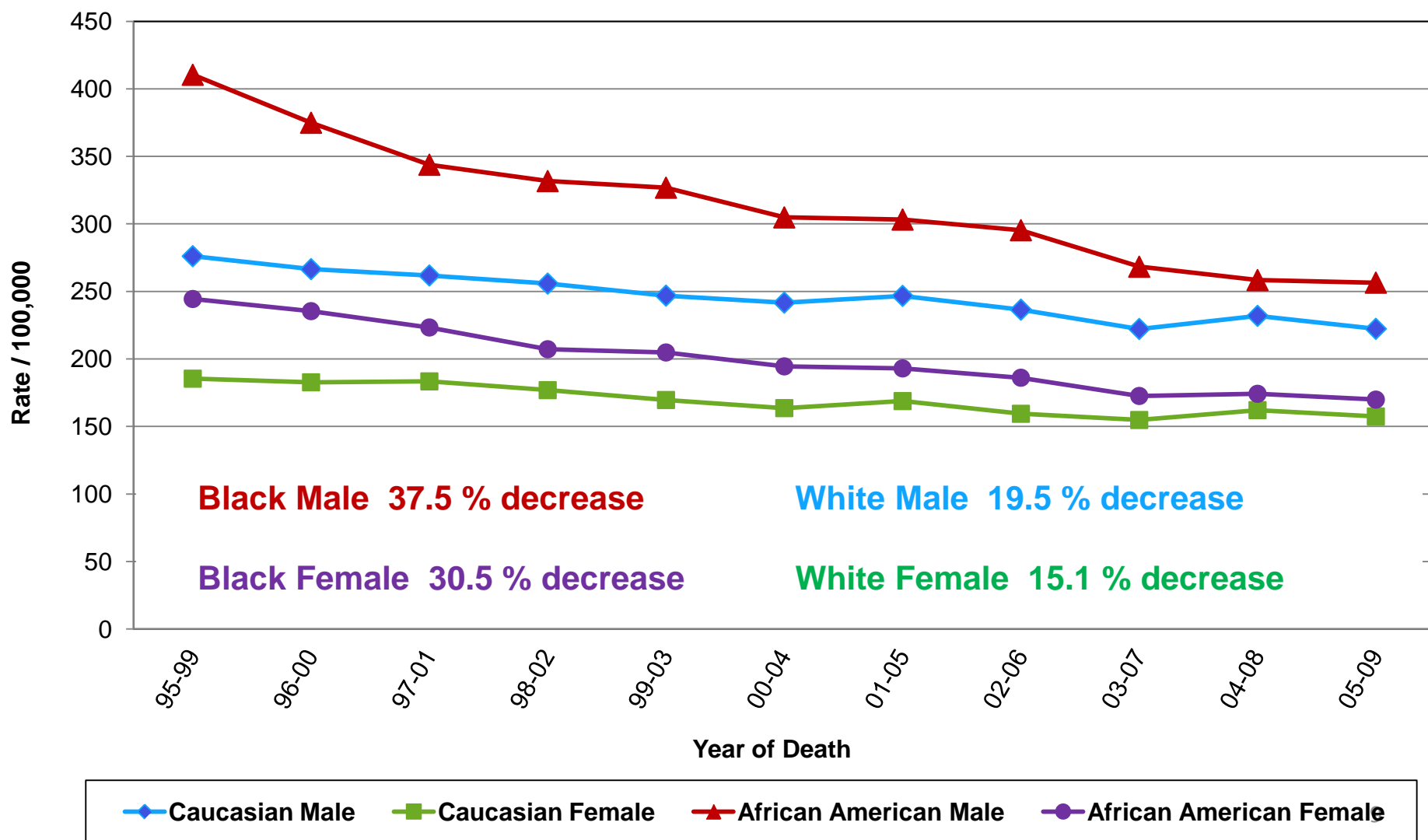
	Delaware Percent Change 1995-99 to 2005-09	United States Percent Change 1995-99 to 2005-09
Cervix	-18.7%	-10.0%
Colorectal	-19.8%	-16.6%
Esophagus	-16.7%	-4.3%
Larynx	-27.7%	-19.0%
Ovary	-31.5%	-12.4%
Stomach	-15.7%	-10.6%
Hodgkin lymphoma	-14.5%	0.0%

## 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.**

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