Ovarian Cancer

• Ovarian cancer was the 18th most common cancer in Louisiana and the 13th most common cancer in the U.S. from 2009 to 2013.¹

• From 2009 to 2013, ovarian cancer was the 15th leading cause of cancer death in Louisiana, and the 6th leading cause of cancer death in the U.S¹.

• About 260 new ovarian cancers are expected to be diagnosed and about 180 patients are expected to die of ovarian cancer in Louisiana in 2016.²

1. Data source: NCI state cancer profile.
Ovarian Cancer: Age-Specific Incidence Rates\textsuperscript{1}, Louisiana and the U.S. \textsuperscript{2}, 2009-2013

\textsuperscript{1} Age-adjusted to the 2000 U.S. standard population. \textsuperscript{2} U.S. Data source: 18 SEER registries.
Ovarian Cancer Incidence Rates¹
Louisiana vs. U.S.², 2009-2013

1 Age-adjusted to the 2000 U.S. standard population.
2 Data source: 18 SEER registries.
* Incidence rate of Louisiana is significantly different from that of the U.S.
Average Annual Incidence Rates for Ovarian Cancer Cases, Louisiana, 2000-2013

Notes:
Created by Louisiana Tumor Registry on 12/8/2016.
Counties with less than 16 cases were merged with neighboring counties using NY State Geographic Aggregation Tool (GAT).
Ovarian Cancer Incidence Rates\textsuperscript{1,2} by Region: Louisiana, Whites, 2009-2013

\begin{figure}[h]
\centering
\includegraphics[width=\textwidth]{ovarian_cancer_incidence_rates.png}
\caption{Ovarian Cancer Incidence Rates by Region for Louisiana, Whites, 2009-2013.}
\end{figure}

\textsuperscript{1}Age-adjusted to the 2000 U.S. standard population. \textsuperscript{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.
Ovarian Cancer Incidence Rates\textsuperscript{1,2} by Region: Louisiana, Blacks, 2009-2013

\begin{figure}
\centering
\includegraphics[width=\textwidth]{ovarian_cancer_incidence_rates.png}
\end{figure}

\textsuperscript{1} Age-adjusted to the 2000 U.S. standard population. \textsuperscript{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.
Ovarian Cancer: Trends of Incidence Rates\textsuperscript{1}, Louisiana and the U.S. \textsuperscript{2}, 1988-2013

\textsuperscript{1} Age-adjusted to the 2000 U.S. standard population.
\textsuperscript{2} U.S. data source: 18 SEER registries.
Ovarian Cancer Mortality Rates\textsuperscript{1}
Louisiana vs. U.S.,\textsuperscript{2} 2009-2013

- Age-adjusted to the 2000 U.S. standard population.
- Mortality data source: National Center of Health Statistics (NCHS).
- The rate of Louisiana is significantly different from that of the U.S.
Death Rates for Louisiana
Ovary, 2009 - 2013
All Races (includes Hispanic), Female, All Ages

Notes:
Created by statecancerprofiles.cancer.gov on 09/22/2016 4:54 pm.
State Cancer Registries may provide more current or more local data.
Data presented on the State Cancer Profiles Web Site may differ from statistics reported by the State Cancer Registries (for more information).
Source: Death data provided by the National Vital Statistics System; public use data file. Death rates calculated by the National Cancer Institute using SEER*Stat. Death rates (deaths per 100,000 population per year) are age-adjusted to the 2000 US standard population (19 age groups: <1, 1-4, 5-9, ..., 80-84, 85+). The Healthy People 2020 goals are based on rates adjusted using different methods but the differences should be minimal.
Population counts for denominators are based on the Census 1969-2014 US Population Data File as modified by NCI.
* Data have been suppressed to ensure confidentiality and stability of rate estimates. Data is currently being suppressed if there are fewer than 16 counts for the time period.
** Data have been suppressed for states with a population below 50,000 per sex combination for American Indian/Alaska Native or Asian/Pacific Islanders because of concerns regarding the relatively small size of these populations in some states.
Ovarian Cancer: Trends of Mortality Rates\textsuperscript{1,2} Louisiana and the U.S., 1988-2013

\textsuperscript{1} Age-adjusted to the 2000 U.S. standard population.
\textsuperscript{2} Data source: National Center of Health Statistics (NCHS).
Ovarian Cancer: Louisiana
Trends of Incidence and Mortality Rates, 1988-2013

*APCs were calculated using weighted least squares method
Ovarian Cancer: Louisiana
5-Year Relative Survival by Stage\(^1\), Whites, 2006-2012

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

- Localized: 14.4%
- Regional: 19.2%
- Distant: 62.6%
- Unstaged: 3.8%

Percent of Cases by Stage

- Localized: 14.4%
- Regional: 19.2%
- Distant: 62.6%
- Unstaged: 3.8%
The stage distribution is based on Derived Summary Stage 2000. The 5-year Relative Survival rate for Unstaged could not be calculated.

Ovarian Cancer: Louisiana 5-Year Relative Survival by Stage¹, Blacks, 2006-2012

- Localized: 84.2%
- Regional: 51.4%
- Distant: 21.2%
- Unstaged: 65.0%

¹ The stage distribution is based on Derived Summary Stage 2000. The 5-year Relative Survival rate for Unstaged could not be calculated.
Data Sources


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:

For Survival:
• Incidence - SEER 18 Regs Research Data + Hurricane Katrina Impacted Louisiana Cases, Nov 2015 Sub (1973-2013 varying)
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  • Pathology laboratories
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