Louisiana Cancer Facts & Figures, Prostate Cancer, 2016

Louisiana Tumor Registry

February, 2017
Prostate Cancer

• Prostate cancer was the most common cancer and the 2nd leading cause of cancer deaths in Louisiana men from 2009 to 2013.¹

• Between 2009 and 2013, the incidence rate of prostate cancer in Louisiana was the 2nd highest and the mortality rate was the 7th highest in the U.S.¹

• About 2,950 new prostate cancers are expected to be diagnosed and about 360 males are expected to die of prostate cancer in Louisiana in 2016.²

1. Data source: NCI state cancer profile.
Prostate Cancer: Age-Specific Incidence Rates by Race, 2009-2013

Rate Per 100,000


LA Blacks
U.S. Blacks
LA Whites
U.S. Whites

Age at Diagnosis

U.S. data source: 18 SEER registries.
Prostate Cancer: Incidence and Mortality Rates\(^1,2\), 2009-2013

1. Age-adjusted to the 2000 U.S. standard population;
2. Incidence data source: SEER 18 registries; Mortality data source: National Center for Health Statistics (NCHS).

* Rate of Louisiana is significantly different from that of the U.S.
Prostate Cancer Incidence\textsuperscript{1,2} by Region: Louisiana, Whites, 2009-2013

1 Age-adjusted to the 2000 U.S. standard population.
2 Data source for the U.S. was the 18 SEER registries.
* Incidence rate of regions/Louisiana is significantly different from that of the U.S.
Prostate Cancer Incidence\textsuperscript{1,2} by Region: Louisiana, Blacks, 2009-2013

\begin{itemize}
\item \textsuperscript{1} Age-adjusted to the 2000 U.S. standard population.
\item \textsuperscript{2} Data source for the U.S. was the 18 SEER registries.
\item * Incidence rate of regions/Louisiana is significantly different from that of the U.S.
\end{itemize}
Prostate Cancer: Trends of Incidence Rates$^{1,2}$, 1988-2013

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

\begin{itemize}
\item \textsuperscript{1} Age-adjusted to the 2000 U.S. standard population.
\item \textsuperscript{2} U.S. Mortality data source was the National Center of Health Statistics (NHCS).
\end{itemize}
Prostate Cancer: Louisiana, Trends of Incidence and Mortality Rates; 1988-2013

*APCs were calculated using weighted least squares method

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Prostate Cancer\textsuperscript{1,2}: Louisiana
5-Year Relative Survival by Stage\textsuperscript{2}, White Males, 2006-2012

\begin{itemize}
\item Localized: 100.00%
\item Regional: 100.00%
\item Distant: 32.30%
\item Unstaged: 80.50%
\item Distant: 3%
\item Regional: 12%
\item Unstaged: 1%
\item Localized: 84%
\end{itemize}

\textsuperscript{1} Prostate Cancer includes first primary only (sequence number 0 or 1).
\textsuperscript{2} The stage distribution is based on Summary Stage 2000
Prostate Cancer\textsuperscript{1,2}: Louisiana 5-Year Relative Survival by Stage\textsuperscript{2}, Black Males, 2006-2012

\begin{itemize}
\item \textbf{Localized:} 98.80\%
\item \textbf{Regional:} 99.70\%
\item \textbf{Distant:} 28.40\%
\item \textbf{Unstaged:} 69.40\%
\end{itemize}

1 Prostate Cancer includes first primary only (sequence number 0 or 1).
2 The stage distribution is based on Summary Stage 2000
Data Sources


For Incidence:
- 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)
Acknowledgements

Hospital cancer registries ([http://louisianatumorregistry.lsuhsc.edu/](http://louisianatumorregistry.lsuhsc.edu/))


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.lsuhsc.edu/regionalregistries.html](http://louisianatumorregistry.lsuhsc.edu/regionalregistries.html))

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