Introducing a new Leading Causes of Death Data Application
Overview

- Lessons Learned from the static Leading Causes of Death reports
- Demo on a new Leading Causes of Death data application
- Questions?
Using Leading Causes of Death (LCD) Reports

To identify the most prevalent causes of all deaths or premature deaths among general population and among sub-populations

To assess the patterns of leading causes of all deaths or premature deaths over time

To track life expectancy over time
Static LCD report – State Table Selection

Statewide by Race/Ethnicity

Leading Causes of Death in New York State by Race/Ethnicity and Year

- Leading Causes of Death Among White Non-Hispanics by Year
- Leading Causes of Death Among Black Non-Hispanics by Year
- Leading Causes of Death Among Hispanics by Year
- Leading Causes of Death Among Asian/Pacific Islander Non-Hispanics by Year
- Leading Causes of Death Among American Indian/Alaska Native by Year

Statewide by Gender

Leading Causes of Death in New York State Among Females by Race/Ethnicity and Year

- Leading Causes of Death Among White Non-Hispanic Females by Year
- Leading Causes of Death Among Black Non-Hispanic Females by Year
- Leading Causes of Death Among Hispanic Females by Year
- Leading Causes of Death Among Asian/Pacific Islander Non-Hispanic Females by Year
- Leading Causes of Death Among American Indian/Alaska Native Females by Year

Leading Causes of Death in New York State Among Males by Race/Ethnicity and Year

- Leading Causes of Death Among White Non-Hispanic Males by Year
- Leading Causes of Death Among Black Non-Hispanic Males by Year
- Leading Causes of Death Among Hispanic Males by Year
- Leading Causes of Death Among Asian/Pacific Islander Non-Hispanic Males by Year
- Leading Causes of Death Among American Indian/Alaska Native Males by Year
# Static Tables for State Data

## Leading Causes of Death, New York State

<table>
<thead>
<tr>
<th>Year and # of Deaths</th>
<th>#1 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#2 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#3 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#4 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#5 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Heart Disease 42,408 175 per 100,000</td>
<td>Cancer 34,790 149 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 6,594 29 per 100,000</td>
<td>Stroke 6,035 25 per 100,000</td>
<td>Unintentional Injury 5,561 26 per 100,000</td>
</tr>
<tr>
<td>2014 Total: 147,440</td>
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<tr>
<td>2013 Total: 147,419</td>
<td>Heart Disease 43,112 181 per 100,000</td>
<td>Cancer 35,074 153 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 6,977 30 per 100,000</td>
<td>Stroke 5,959 25 per 100,000</td>
<td>Unintentional Injury 5,552 26 per 100,000</td>
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</tr>
<tr>
<td>2012 Total: 147,366</td>
<td>Heart Disease 43,256 184 per 100,000</td>
<td>Cancer 35,598 158 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 6,986 31 per 100,000</td>
<td>Stroke 6,028 26 per 100,000</td>
<td>Unintentional Injury 5,451 26 per 100,000</td>
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</tr>
<tr>
<td>2011 Total: 147,078</td>
<td>Heart Disease 43,959 191 per 100,000</td>
<td>Cancer 35,032 159 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 6,902 31 per 100,000</td>
<td>Stroke 6,152 27 per 100,000</td>
<td>Unintentional Injury 5,246 25 per 100,000</td>
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<tr>
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</tr>
<tr>
<td>2010 Total: 144,894</td>
<td>Heart Disease 44,563 198 per 100,000</td>
<td>Cancer 35,092 162 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 6,775 31 per 100,000</td>
<td>Stroke 6,120 27 per 100,000</td>
<td>Unintentional Injury 4,718 23 per 100,000</td>
</tr>
</tbody>
</table>
# Leading Causes of Death Among Males, Ages 20-44, New York State

<table>
<thead>
<tr>
<th>Year and # of Deaths</th>
<th>#1 Cause of Death and # of Deaths Crude Death Rate</th>
<th>#2 Cause of Death and # of Deaths Crude Death Rate</th>
<th>#3 Cause of Death and # of Deaths Crude Death Rate</th>
<th>#4 Cause of Death and # of Deaths Crude Death Rate</th>
<th>#5 Cause of Death and # of Deaths Crude Death Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 Total: 4,181</td>
<td>Unintentional Injury 1,222 36 per 100,000</td>
<td>Suicide 469 14 per 100,000</td>
<td>Heart Disease 446 13 per 100,000</td>
<td>Cancer 408 12 per 100,000</td>
<td>Homicide and Legal Intervention 342 10 per 100,000</td>
</tr>
<tr>
<td>2013 Total: 4,148</td>
<td>Unintentional Injury 1,249 37 per 100,000</td>
<td>Heart Disease 501 15 per 100,000</td>
<td>Suicide 469 14 per 100,000</td>
<td>Cancer 419 12 per 100,000</td>
<td>Homicide and Legal Intervention 333 10 per 100,000</td>
</tr>
<tr>
<td>2012 Total: 4,256</td>
<td>Unintentional Injury 1,240 37 per 100,000</td>
<td>Suicide 487 15 per 100,000</td>
<td>Heart Disease 463 14 per 100,000</td>
<td>Cancer 457 14 per 100,000</td>
<td>Homicide and Legal Intervention 407 12 per 100,000</td>
</tr>
<tr>
<td>2011 Total: 4,264</td>
<td>Unintentional Injury 1,150 35 per 100,000</td>
<td>Suicide 513 15 per 100,000</td>
<td>Heart Disease 475 14 per 100,000</td>
<td>Cancer 425 13 per 100,000</td>
<td>Homicide and Legal Intervention 410 12 per 100,000</td>
</tr>
<tr>
<td>2010 Total: 4,250</td>
<td>Unintentional Injury 1,015 31 per 100,000</td>
<td>Heart Disease 555 17 per 100,000</td>
<td>Suicide 462 15 per 100,000</td>
<td>Homicide and Legal Intervention 470 14 per 100,000</td>
<td>Cancer 436 13 per 100,000</td>
</tr>
</tbody>
</table>
Static LCD report– County Table Selection

Leading Causes of Death for All Deaths in New York State

- Leading Causes of Death in New York State by Year
- Leading Causes of Death in New York City by Year
- Leading Causes of Death in New York State (Excluding New York City) by Year
- Leading Causes of Death in New York State - Gender and Age
- Leading Causes of Death in New York State - Race/Ethnicity by Gender and Age

- Leading Causes of Death in New York State by County
- Leading Causes of Death in New York State Among Females by County
- Leading Causes of Death in New York State Among Males by County
### Leading Causes of Death by County, New York State, 2014

<table>
<thead>
<tr>
<th>County and # of Deaths</th>
<th>#1 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#2 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#3 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#4 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
<th>#5 Cause of Death and # of Deaths Age-adjusted Death Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Albany</strong> Total: 2,537</td>
<td>Heart Disease 682 170 per 100,000</td>
<td>Cancer 582 155 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 119 30 per 100,000</td>
<td>Stroke 98 24 per 100,000</td>
<td>Unintentional Injury 69 19 per 100,000</td>
</tr>
<tr>
<td><strong>Allegheny</strong> Total: 455</td>
<td>Cancer 111 174 per 100,000</td>
<td>Heart Disease 96 150 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 27 42 per 100,000</td>
<td>Stroke 24 38 per 100,000</td>
<td>Diabetes 20 34 per 100,000</td>
</tr>
<tr>
<td><strong>Broome</strong> Total: 2,031</td>
<td>Heart Disease 508 170 per 100,000</td>
<td>Cancer 437 158 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 107 37 per 100,000</td>
<td>Unintentional Injury 92 43 per 100,000</td>
<td>Stroke 81 26 per 100,000</td>
</tr>
<tr>
<td><strong>Cattaraugus</strong> Total: 795</td>
<td>Heart Disease 260 247 per 100,000</td>
<td>Cancer 184 176 per 100,000</td>
<td>Chronic Lower Respiratory Diseases (CLRD) 39 37 per 100,000</td>
<td>Stroke 36 34 per 100,000</td>
<td>Diabetes 33 31 per 100,000</td>
</tr>
</tbody>
</table>
Poll question 1

• Have you ever used the NYS static LCD reports before?
Strengths

• Color-coded causes
• Easy visualization of changes in the patterns of leading causes over time in state tables
• Easy comparison of leading causes among counties

Areas for improvement

• Data availability at the regional and county levels
• Navigation across tables
• Easy export of data from tables
Major improvements in LCD application

Data improvements

Regional: NYC and the rest of state
Adding gender, age group data

County
Adding multiple-year data

Up to seven leading causes

Functional improvements

New interactive functions for selecting specific leading causes of death tables

Exporting data easily
Leading Causes of Death Data Application

Poll questions

1. Have you been to the new LCD data application
   – Yes
   – No

2. If you have used the LCD data application, please let us know what you think (check all that applied)
   – The new application is easier to use
   – The new application provides data that I need for my work.
   – I would recommend other to use the application.

3. Please provide your feedback
Thank you!