



**Department
of Health**

Introducing a new Leading Causes of Death Data Application

June 8, 2018

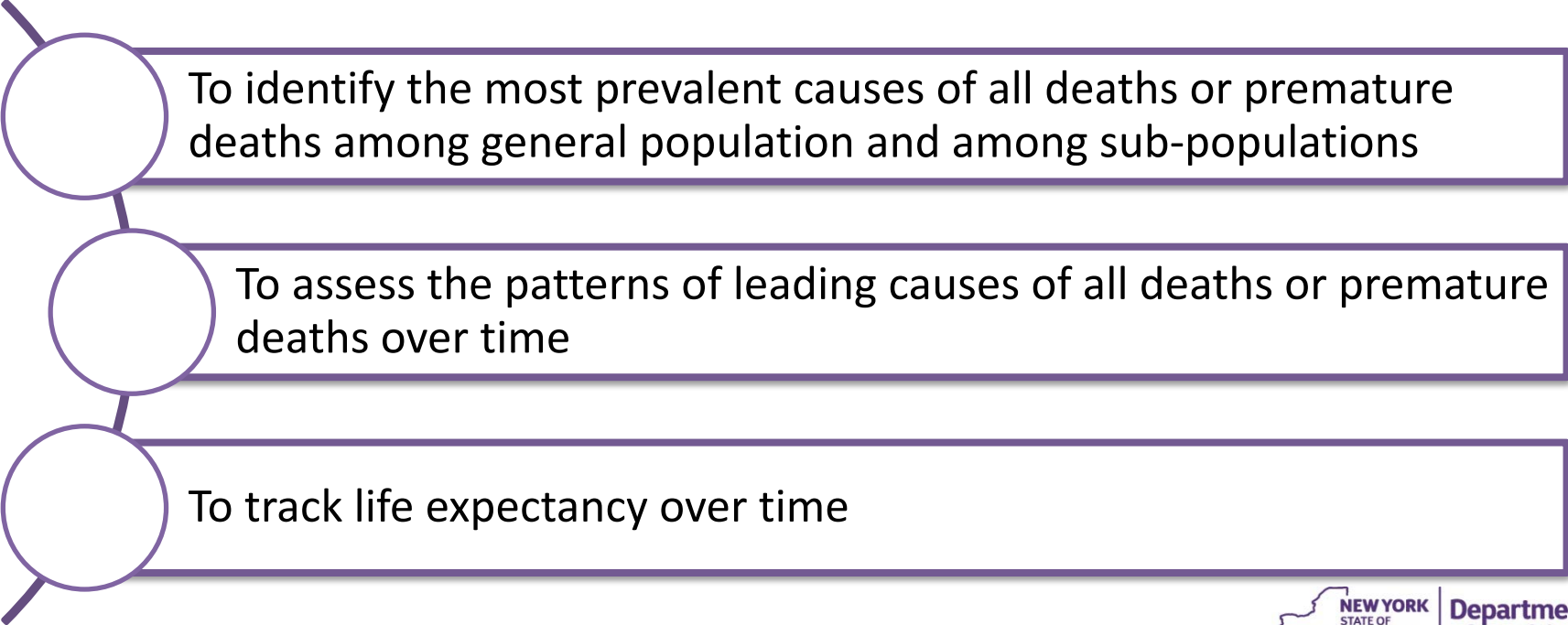
Overview

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/PI Non-Hispanics by Year](#)
- [Leading Causes of Death, Among American Indian/Alaska Natives 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/PI 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/PI 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

Year and # of Deaths	#1 Cause of Death and # of Deaths Age-adjusted Death Rate	#2 Cause of Death and # of Deaths Age-adjusted Death Rate	#3 Cause of Death and # of Deaths Age-adjusted Death Rate	#4 Cause of Death and # of Deaths Age-adjusted Death Rate	#5 Cause of Death and # of Deaths Age-adjusted Death Rate
2014 Total: 147,440	Heart Disease 42,408 175 per 100,000	Cancer 34,790 149 per 100,000	Chronic Lower Respiratory Diseases (CLRD) 6,694 29 per 100,000	Stroke 6,035 25 per 100,000	Unintentional Injury 5,561 26 per 100,000
2013 Total: 147,419	Heart Disease 43,112 181 per 100,000	Cancer 35,074 153 per 100,000	Chronic Lower Respiratory Diseases (CLRD) 6,977 30 per 100,000	Stroke 5,959 25 per 100,000	Unintentional Injury 5,552 26 per 100,000
2012 Total: 147,366	Heart Disease 43,256 184 per 100,000	Cancer 35,598 158 per 100,000	Chronic Lower Respiratory Diseases (CLRD) 6,986 31 per 100,000	Stroke 6,028 26 per 100,000	Unintentional Injury 5,451 26 per 100,000
2011 Total: 147,078	Heart Disease 43,959 191 per 100,000	Cancer 35,032 159 per 100,000	Chronic Lower Respiratory Diseases (CLRD) 6,902 31 per 100,000	Stroke 6,152 27 per 100,000	Unintentional Injury 5,246 25 per 100,000
2010 Total: 144,894	Heart Disease 44,553 198 per 100,000	Cancer 35,092 162 per 100,000	Chronic Lower Respiratory Diseases (CLRD) 6,775 31 per 100,000	Stroke 6,120 27 per 100,000	Unintentional Injury 4,718 23 per 100,000

Static Tables for State Data

Leading Causes of Death Among Males, Ages 20-44, New York State

Year and # of Deaths	#1 Cause of Death and # of Deaths Crude Death Rate	#2 Cause of Death and # of Deaths Crude Death Rate	#3 Cause of Death and # of Deaths Crude Death Rate	#4 Cause of Death and # of Deaths Crude Death Rate	#5 Cause of Death and # of Deaths Crude Death Rate
2014 Total: 4,181	Unintentional Injury 1,222 36 per 100,000	Suicide 469 14 per 100,000	Heart Disease 446 13 per 100,000	Cancer 408 12 per 100,000	Homicide and Legal Intervention 342 10 per 100,000
2013 Total: 4,148	Unintentional Injury 1,249 37 per 100,000	Heart Disease 501 15 per 100,000	Suicide 469 14 per 100,000	Cancer 419 12 per 100,000	Homicide and Legal Intervention 333 10 per 100,000
2012 Total: 4,256	Unintentional Injury 1,240 37 per 100,000	Suicide 487 15 per 100,000	Heart Disease 463 14 per 100,000	Cancer 457 14 per 100,000	Homicide and Legal Intervention 407 12 per 100,000
2011 Total: 4,264	Unintentional Injury 1,150 35 per 100,000	Suicide 513 15 per 100,000	Heart Disease 475 14 per 100,000	Cancer 425 13 per 100,000	Homicide and Legal Intervention 410 12 per 100,000
2010 Total: 4,250	Unintentional Injury 1,015 31 per 100,000	Heart Disease 555 17 per 100,000	Suicide 482 15 per 100,000	Homicide and Legal Intervention 470 14 per 100,000	Cancer 436 13 per 100,000

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](#)



County Tables with single year data

Leading Causes of Death by County, New York State, 2014

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

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

https://www.health.ny.gov/statistics/leadingcauses_death/

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!