



Council of State and Territorial Epidemiologists

CSTE Workshop on Small-Area Estimates of Life Expectancy
March 7-8, 2018
Claremont, CA (Los Angeles County)
DoubleTree Claremont

The Council of State and Territorial Epidemiologists (CSTE), in collaboration with the Claremont University, invite you to participate in the 2018 Workshop on Small-Area Estimates of Life Expectancy. The Workshop will convene on March 7-8, 2018 in Claremont, CA (Los Angeles County). Invited participants include epidemiologists from state, territorial and local health departments across the country, along with partners from CDC, other federal agencies, academic institutions, non-governmental organizations, and international participants.

The CSTE Sub-County Assessment of Life Expectancy (SCALE) Project Committee will bring together speakers to address a range of topics (reference pages 2-3). The goals of the workshop are to:

- Solicit input on potential solutions to several methodological challenges (e.g., large standard errors and confidence intervals, minimum number of zero cells, etc.)
- Share best practices for effective messaging and visualization of the local life expectancy estimates, and to share lessons learned from previous applications of small area life expectancy and related indicators to drive public health actions.

CSTE is an organization of member states and territories representing public health epidemiologists. CSTE works to establish more effective relationships among state and other health agencies across a wide range of public health disciplines. The CSTE SCALE Project was initiated in September 2014 to facilitate the development and adoption of small-area life expectancy (LE) methods.

For more information about the SCALE Project, including resources and past presentations, please visit:

<http://www.cste.org/page/SCALE/Sub-County-Assessment-of-Life-Expectancy-SCALE-Project.htm>.

For questions, please contact Hayleigh McCall at hmccall@cste.org.



Spring 2018 CSTE Workshop on Small-Area Estimates of Life Expectancy Agenda

Wednesday, March 7, 2018

- | | |
|----------|--|
| 8:00 AM | Welcome, Introductions, Goals of the Meeting |
| 8:15 AM | SCALE Project – Status and Methodological Challenges <ul style="list-style-type: none">• Presentation from Maine on Sparse Populations, Zero Cells• Presentation from New York State on Group Quarters and Geographic Aggregation• Presentation from Florida on Combining LE with Zip Code Indicators and Small Populations• Q & A |
| 9:15 AM | United States Small Area Life Expectancy Estimates Project (USALEEP): Geocoding the Nation's Mortality Data – Loraine <ul style="list-style-type: none">• Presentation topics may include but are not limited to: data acquisition and completeness, geocoding, record layout of data going back to the states, descriptive statistics• Q & A |
| 10:00 AM | Break |
| 10:15 AM | Status and Methodological Challenges and Strategies – Elizabeth <ul style="list-style-type: none">• Presentation topics may include but are not limited to: data acquisition and completeness, zero death counts, ACS vs Census Population Estimates, standard error estimation, minimum total and age-specific death counts, statistical modeling, development of rules/guidelines for small area life table estimation• Q & A |
| 11:00 AM | Case Study: Public Health England (PHE) Life Expectancy LE at the Local Ward Authority Level Minimum Number of Zero Cells – Allan Baker, Public Health England <ul style="list-style-type: none">• Presentation topics may include but are not limited to: minimum number of total deaths, maximum acceptable SE and CI, improbable LE value cut points (e.g., LE < 66yrs or > 99yrs), maximum percentage of population living in group quarters, suppression vs flagged results, direct estimates vs modeling: advantages and limitations, the 2017 change of the upper age category from 85+ to 90+, need/rationale for annual releases of local LE, Healthy Life Expectancy, tool for decomposition of causes of LE disparities (cause-specific mortality) |
| 12:15 PM | Lunch and Networking (<i>Lunch provided</i>) |
| 1:15 PM | Q & A and Facilitated Discussion |

Spring 2018 CSTE Workshop on Small-Area Estimates of Life Expectancy Agenda

- 2:00 PM **Methods for Reducing ACS SE in Population Estimates**
- Perspective from Massachusetts
 - Perspective from Florida
 - Discussion
- 3:00 PM **Break**
- 3:15 PM **Visualization and Messaging – Allan Baker, Public Health England**
- Presentation topics may include but are not limited to: best practices for mapping, cut points, color scheme, visualizing uncertainty, and PHE Tools
- 4:00 PM **Q & A and Facilitated Discussion**
- 5:00 PM **Adjourn for the day**

Thursday, March 8, 2018

- 8:00 AM **Virginia Commonwealth University (VCU) LE Visualization and Messaging – Dr. Derek Chapman, Associate Director for Research, VCU Center on Society and Health**
- Discussion
- 8:45 AM **Case Study: Map of Local Mortality Disparities to Drive Major National Initiative – Dr. Paul Johnstone, Public Health England**
- Presentation topics may include but are not limited to: several case studies of how local LE drove action (London, North England, etc), overview of data/maps that attracted support from Conservative Party Leaders
 - Discussion
- 10:00 AM **Break**
- 10:15 AM **Case Studies: SCALE Application – SCALE Project Participants**
- Shelby County, Tennessee
 - Seattle-King County, Washington
 - Alameda County, California
 - Discussion
- 11:30 AM **Opportunities for future coordination/collaboration**
- 12:30 PM **Next Steps and Summary of Action Items**
- 1:00 PM **Adjourn meeting**