Geospatial data and analysis – NLCRT perspective

What's new and what's next?
GIS team, American Cancer Society
Outline

The new National Lung Cancer Atlas

Access to lung cancer screening

How are we telling the story of lung cancer in states and local communities

The power of people

What is next???
NLCRT Atlas – going through migration

http://cancer.maps.arcgis.com/apps/webappviewer/index.html?id=f9e8cf98f9054c3ca97a2cf4998413c4

https://nlcrt.org/lung-cancer-atlas/
Story Maps

http://cancer.maps.arcgis.com/apps/webappviewer/index.html?id=f9e8cf98f9054c3ca97a2cf4998413c4

- National and state story maps
  - From data sharing to story telling

- Data:
  - Statistics
  - Detection/Prevention
  - Lung Cancer Atlas
  - The Tobacco Atlas
  - Mortality Rates

- Sharing success stories
- Making local progress
- Connecting leaders in communities
- Providing tools for residents in states
Where do we need to support screening for lung cancer?

Estimated number of smokers aged 55-79 with no access to an LCSRs facility

Bivariate choropleth map of the estimated # of smokers aged 55-79 with no access to an LCSRs facility and mortality rates

Applying best techniques to identify gaps in screening services

Geo-analytics + Integration + Creativity support evidence-based decisions.

Now part of the Atlas
The power of geography and crowd sourcing:

• How can we apply that technology to:
  • Gather data - bridge gaps in data
  • Empower communities
  • Inform decision making

Any thoughts? Questions?
Please contact us:
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