



***26th Annual Maryland State Council on Cancer Control
Cancer Conference***

**Mapping Cancers by County and Census
Tract: Opportunities and Challenges
for Cancer Control**

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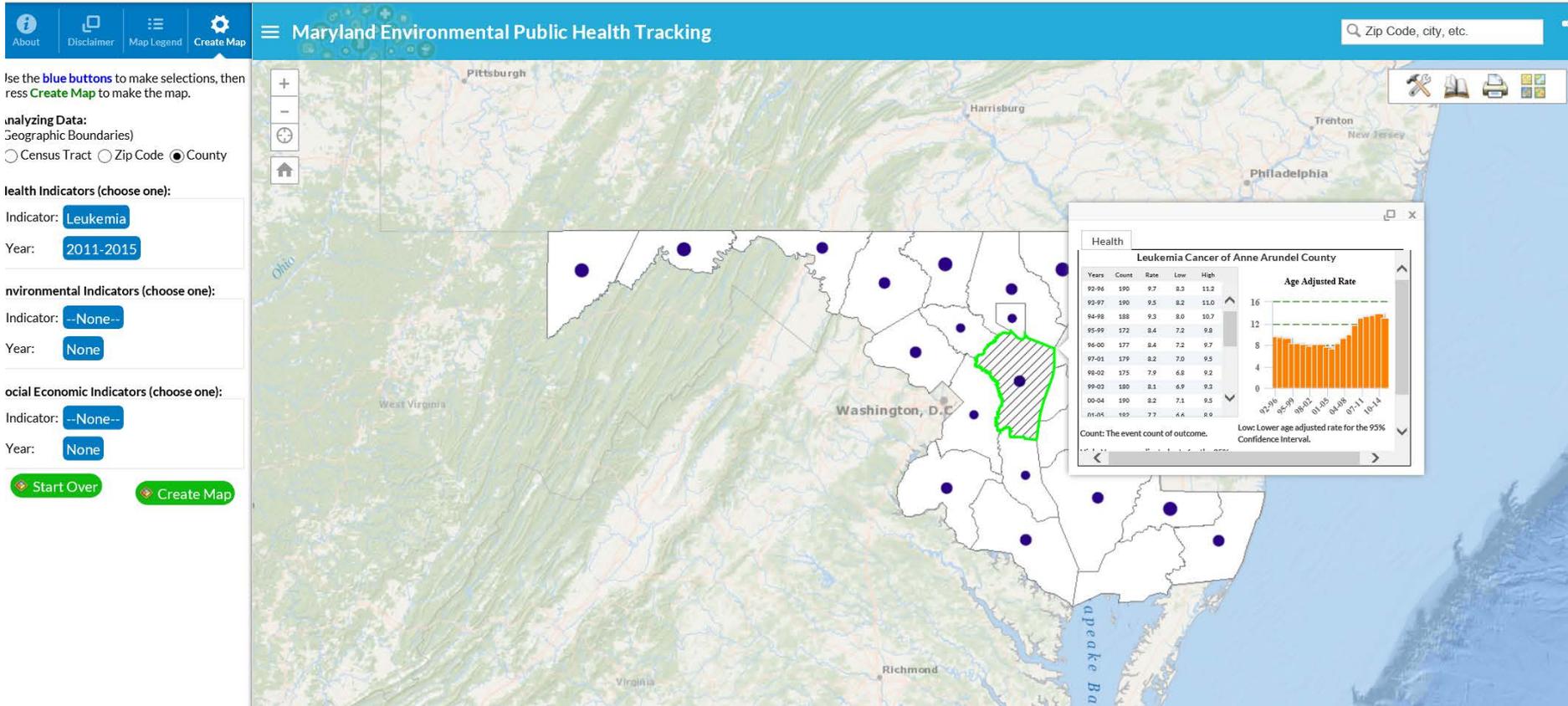
November 14, 2019

Environmental Public Health Tracking and Cancer

The screenshot shows the Maryland Department of Health website. At the top left is the Maryland state logo and the text 'MARYLAND DEPARTMENT OF HEALTH .gov'. To the right is a search bar with the placeholder text 'Enter search term' and a magnifying glass icon. Below the search bar is a blue navigation bar with the following links: HOME, A-Z INDEX, FACT SHEETS, REPORTABLE DISEASES, TRAINING, and REPORTS. The main content area is divided into three columns. The left column has sections for 'Environmental Health Lists' and 'Helpful Links' (with links to DHMH Home, A-Z Index, Environmental Health Home, Environmental Public Health Tracking, and Local Health Departments) and 'State Resources' (with links to MD Department of the Environment (MDE), MD Department of Agriculture, MD State Department of Education (MSDE), and MD Department of Natural Resources). The middle column has a section titled 'Cancer and the Environment' with a sub-section 'Maryland Cancer Investigations' (listing Poolesville and Frederick County) and 'Mapped Cancer Data for Maryland' (listing Environmental Public Health Tracking Portal). The right column has a section titled 'Resources' (listing DHMH Center for Cancer Prevention and Control, Maryland Cancer Registry, and Final Report of the Maryland Workgroup on Cancer Clusters and Environmental Causes of Cancer (PDF)).



Mapping of County-Level Data



Project: Prepare Census Tract-Level Cancer Maps with Maryland Cancer Registry

- Created maps of cancer (all causes) for 2006 to 2014 by 5 year aggregations

Mapping of Census Tract-Level Data

Map Legends

Census Tract

Cancer (Census Tract)

(Year: 2009-2013)

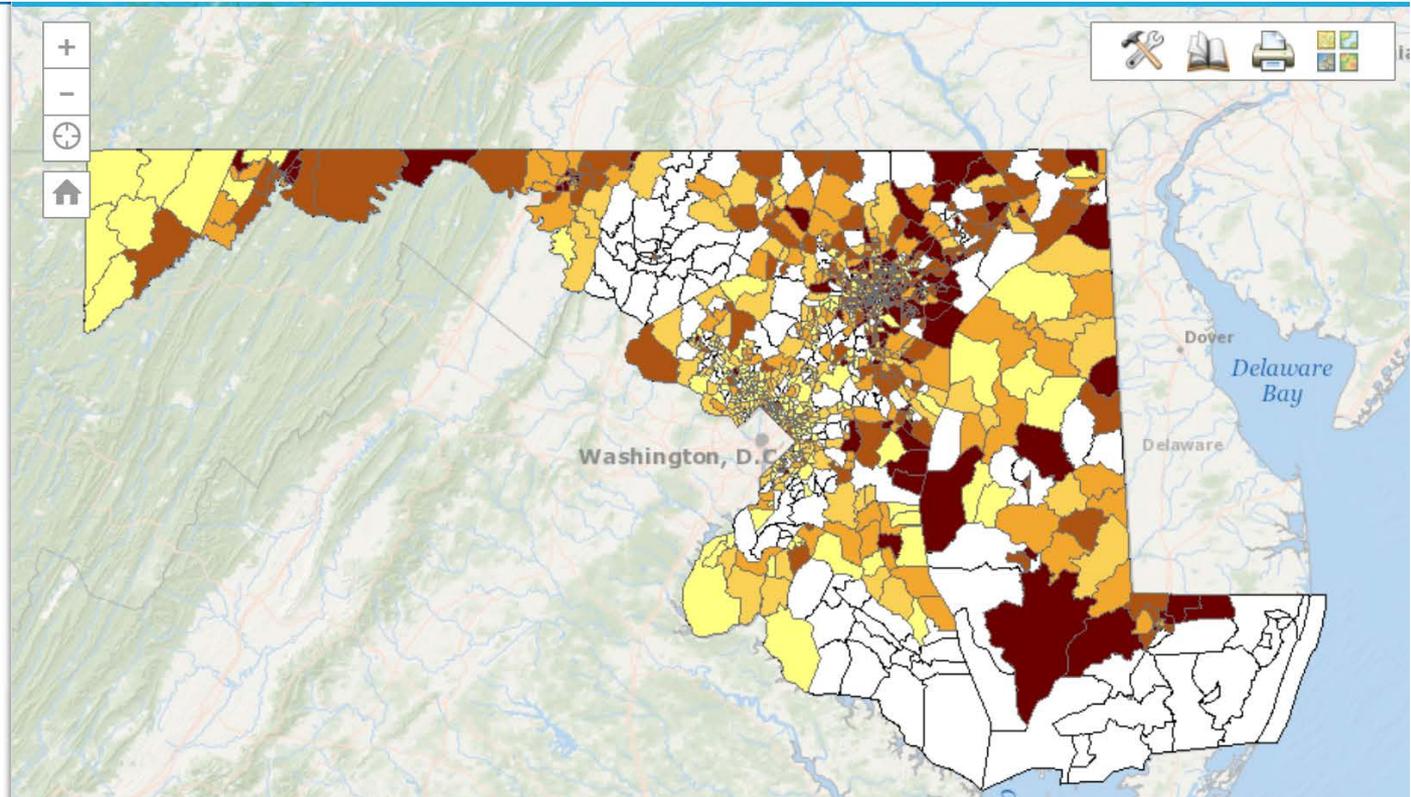
- less than 346
- 348 - 393
- 394 - 433
- 434 - 479
- 480 and more

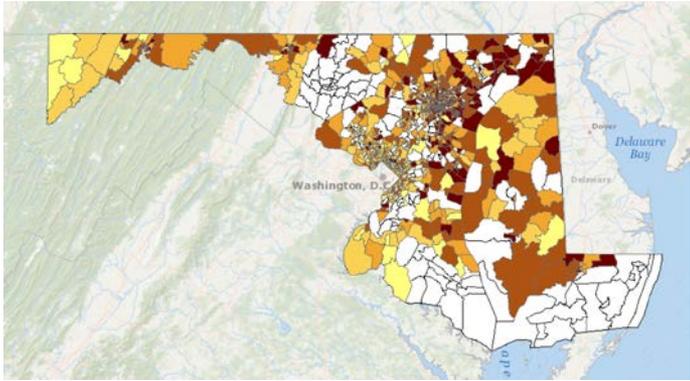
Age-Adjusted Rates Per 100,000

Census Tract 2000

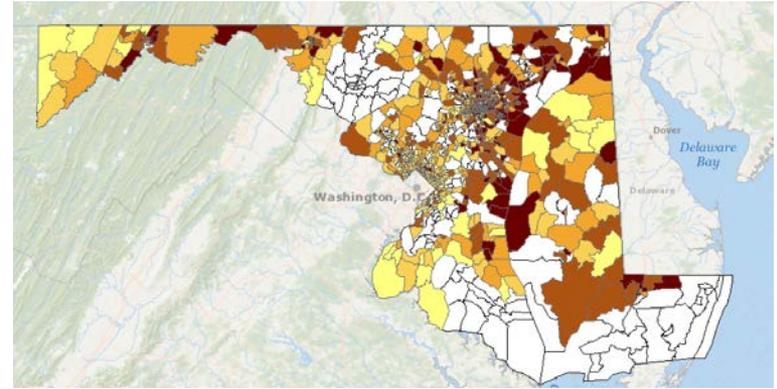


[Tracking Glossary](#)

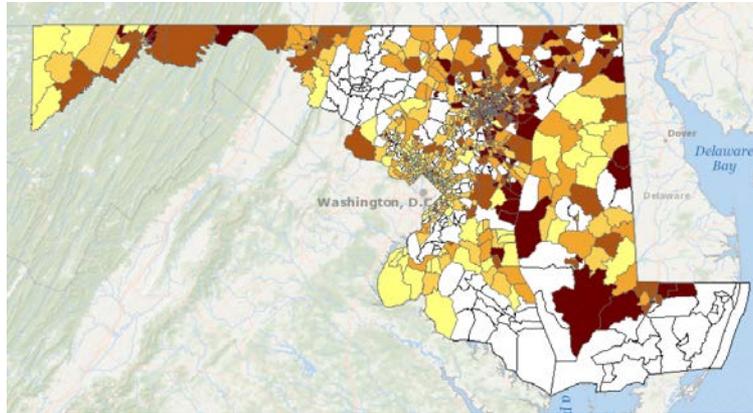




2006 - 2010

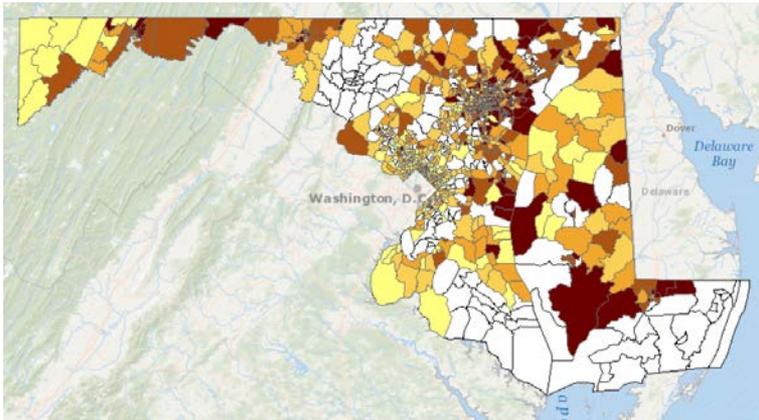


2007 - 2011

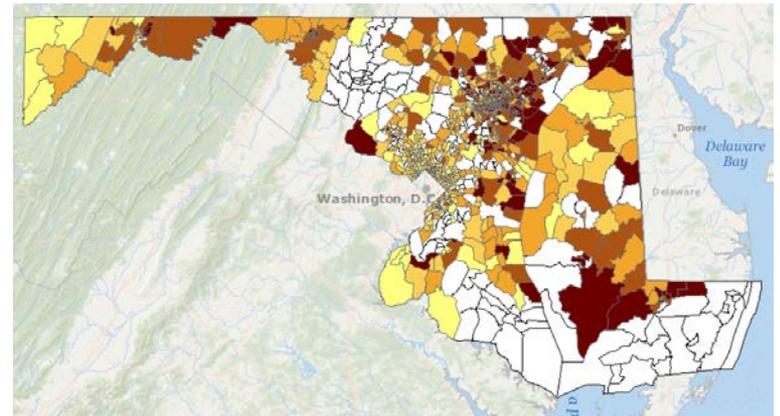


2009 - 2013

2010 - 2014



2008 - 2012



Presenting Local Cancer Data

- When presenting local cancer data, some complex questions:
- Which cancers should be presented?
 - Risk messaging/interpretation of data (maps, tables)
 - Significance testing/rate stability
 - Breakpoints (natural versus calculated)



For more information about cancer data in Maryland, please visit the Maryland Cancer Registry: https://phpa.health.maryland.gov/cancer/Pages/mcr_home.aspx

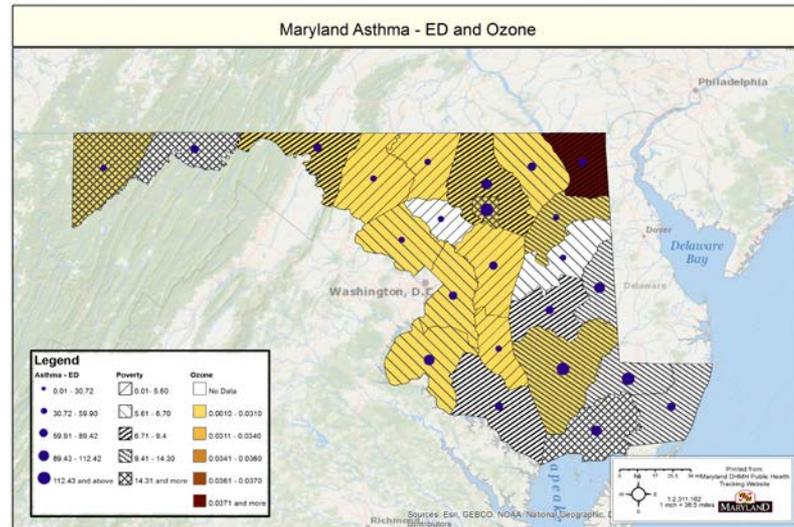


Or visit the Maryland EPHT Cancer and the Environment website: <https://phpa.health.maryland.gov/OEHFP/EH/Pages/cancer.aspx>



bit.ly/MdEnviroHealth

- Use the tool to view interactive maps, tables and charts
- View information by location for county and zip code level snapshots



Questions? Call Environmental Health: 1-866-703-3266 or Email: mdh.envhealth@maryland.gov