

Explore Your Neighborhood: Introducing Online Birth and Death-Related Data Maps

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PRESENTATION FORMAT: 15 minute oral presentation

TOPIC/TARGET AUDIENCE: Public health professionals interested in exploring online health indicator maps.

ABSTRACT: The Oregon Center for Health Statistics (CHS) has created online maps of selected Oregon State Health Indicators in response to growing demand for health indicator data at refined geographic levels. Using vital records for births, deaths, and abortions, CHS staff analyzed and mapped three birth-related indicators (low birthweight, initiation of first trimester prenatal care, and teen pregnancy) and two death-related indicators (age-adjusted mortality rate and age-adjusted years of potential life lost). Multiple years of data were combined for maps at county-level and census tract / ZIP code-level to protect confidentiality and improve data reliability.

This presentation showcases the online birth and death maps. Selected State Health Indicators were calculated from vital records data, organized into geographic files, and mapped using Esri software. All of the maps are displayed within one user-friendly application, where users can easily move between indicators and geographies. These maps may be useful for public health professionals, county and city officials, and the general public to explore and generate future research topics.

OBJECTIVE(S): Describe the state health indicators represented by the maps; Identify geographic areas of interest on the maps; Explain the data items listed in the pop-ups for each map and geographic extent; Compare differences between counties and census tracts/ZIP codes across the state for the health indicators and community assessment.

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