

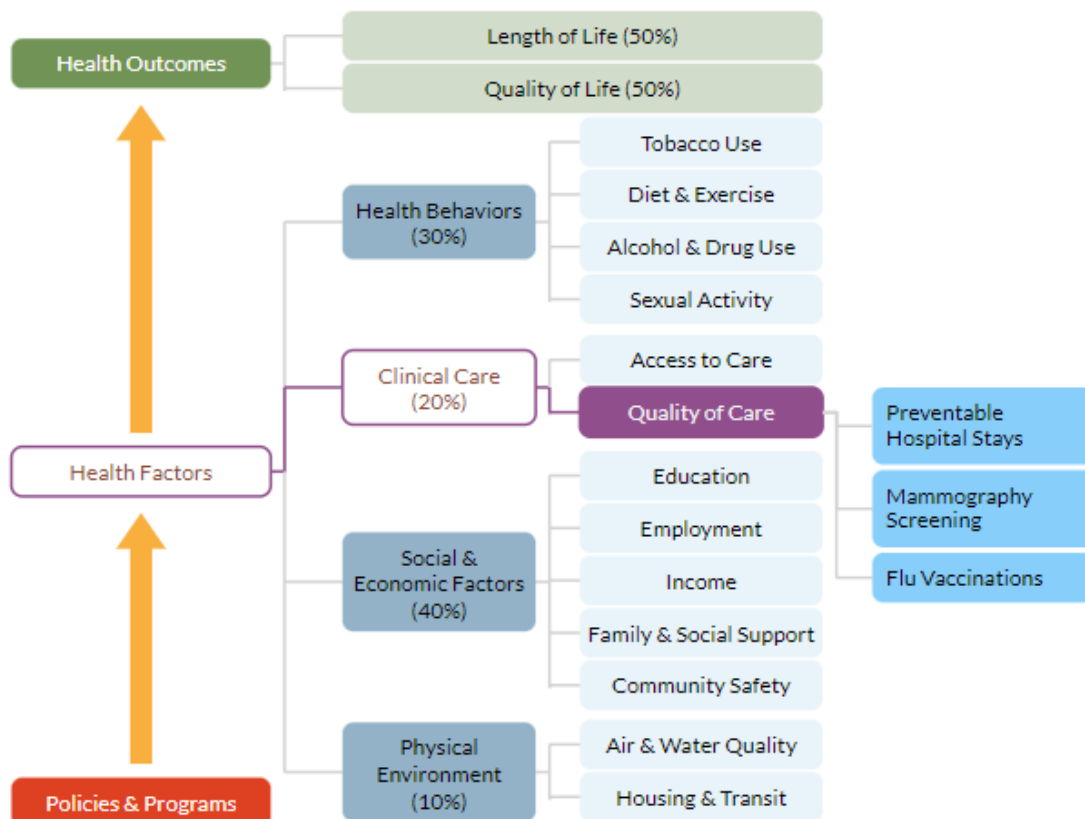
MLGSCA/NCNMLG 2023 Virtual Spring Symposium

The Proximity Project: Using Spatial Thinking and Social Psychology to Develop Collaborations and Partnerships

Presenter: Dana Abbey, MLS, AHIP, Engagement Specialist, Network of
the National Library of Medicine Region 4



How Long We Live and How Well We Live



County Health Rankings model © 2014 UWPHI



Network of the
National Library of Medicine

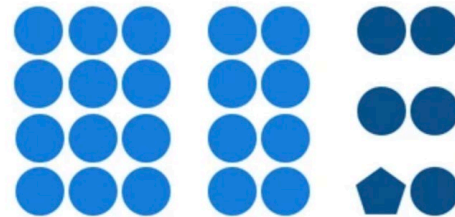
Spatial Thinking and Proximity

Spatial Thinking



Uses the properties of space to communicate, reason, and solve problems.

Proximity Principle



Predicts that organizations closer together in a physical environment are more likely to form a relationship.

Proximity Mapping Example: Region 4

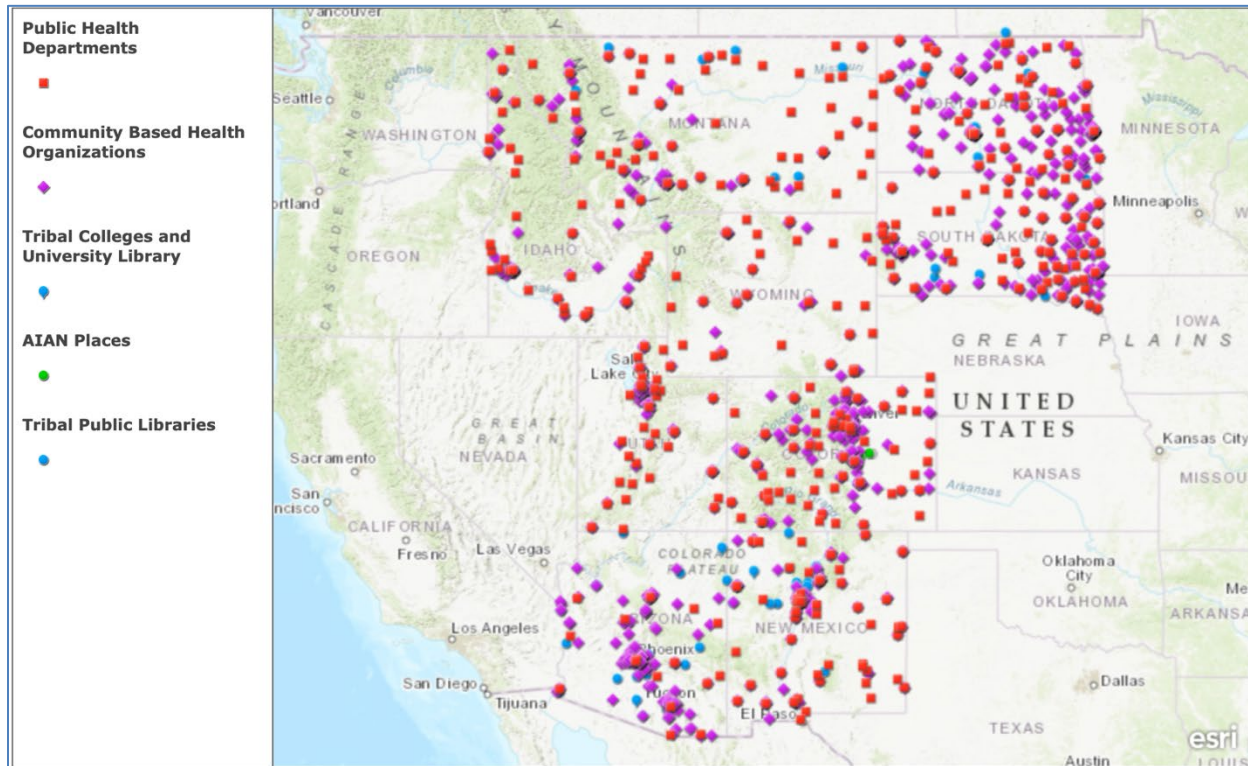


Image: This is an [open access map](#) in ArcGIS created with sources Esri, HERE, Garmin, FAO, NOAA, USGS, EPA.

Proximity Mapping Example: New Mexico

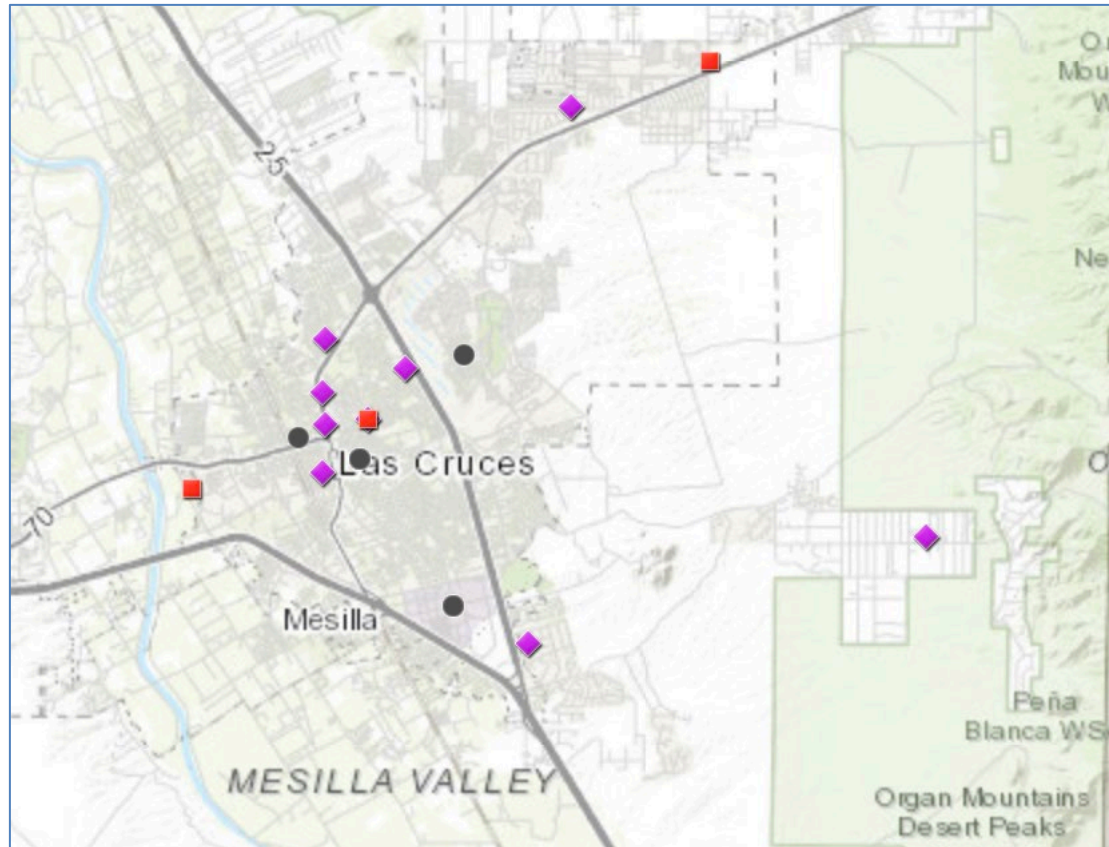


Image: This is an [open access map](#) in ArcGIS created with sources Esri, HERE, Garmin, FAO, NOAA, USGS, EPA.

Data Sources

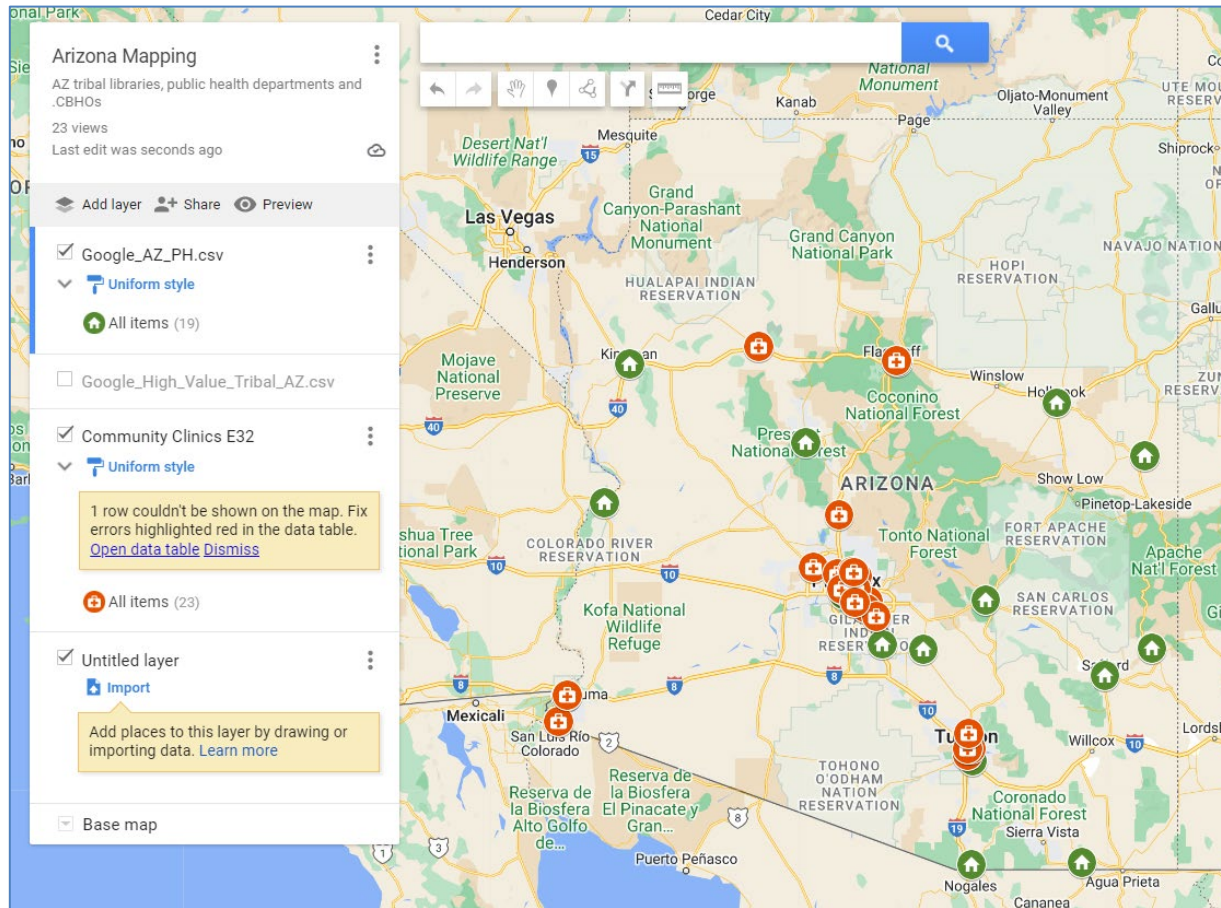
- Homeland Infrastructure Foundation-Level Data
- National Taxonomy of Exempt Entities System
- Public Library Survey
- NNLM Institutional Member Data



Creating Maps with GIS

- Our project used ArcGIS, but there are other free mapping tools:
 - ArcGIS has a free public account for personal, noncommercial use
 - Google My Maps
 - PolicyMap Public Edition
 - Esri Maps for Public Policy

Example: Google My Maps



Future Use of Maps



Acknowledgment of Authors

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