



Michigan PS LTE Data Collection Strategy

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Data Collection Strategy

Surveys

Mobile Data Survey & NG911

Call for Service Data

Over 7 Million calls annually
40% response rate

Geospatial Data

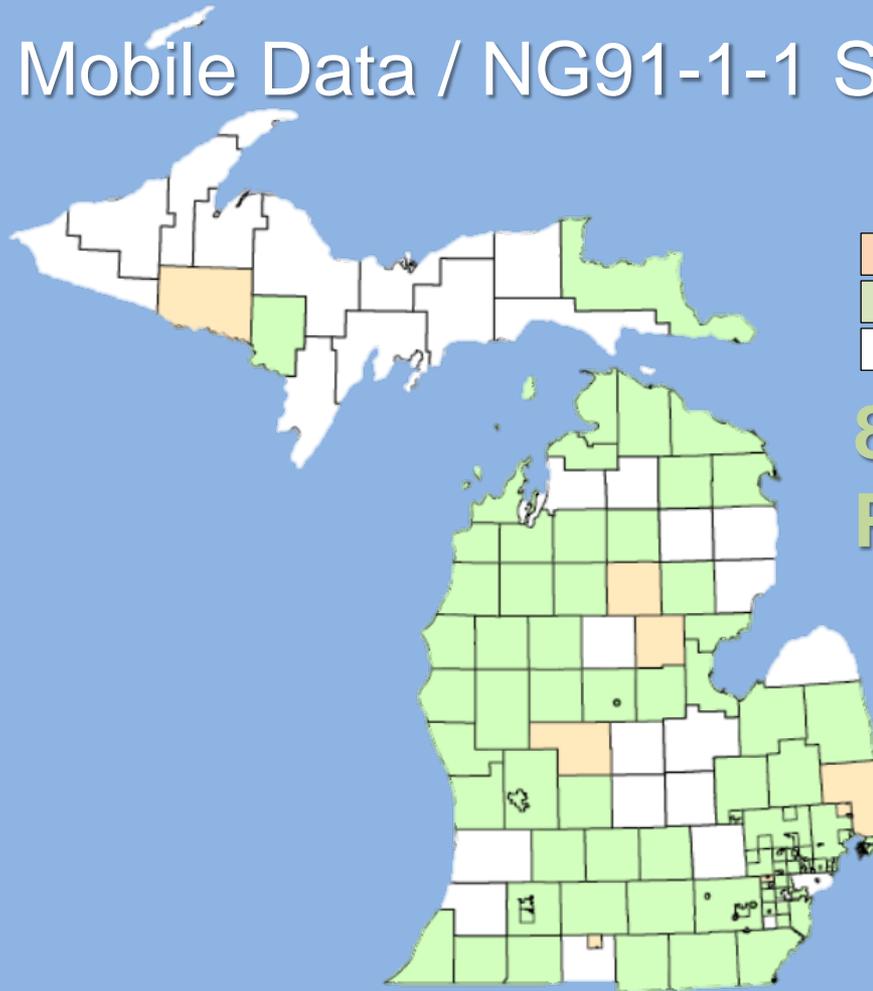
Population / Demographics
Roads, Civil Boundaries
Critical Infrastructure – Schools, Hospitals and Correctional Facilities
Waterbodies and Waterways
Parks and Recreation

Prioritization of Data Elements

Apply a priority to each elements
Data Driven Analysis to determine Phases



Michigan Mobile Data / NG91-1-1 Survey Status



- Started
- Completed
- Not Started

**85% PSAP
Participation!!!**



Coverage Objectives

"Targeted areas within a state/territory/district identifying where FirstNet coverage is needed" – **FirstNet Coverage Definition** data, critical infrastructure, etc. to establish coverage priorities.

This type of analysis will allow Michigan to prioritize rural areas that would otherwise be overlooked by including concentrations of 9-1-1 call volume and critical infrastructure in the analysis.



Additional Information Still Needed

Current Work GIS Data Driven Analysis

Next Step Gather Local Knowledge through Regional Workshops

- Tourist attractions
- Venues for large events
- Critical Infrastructure not identified by FirstNet
- Any area where local users need coverage that FirstNet is not planning on providing

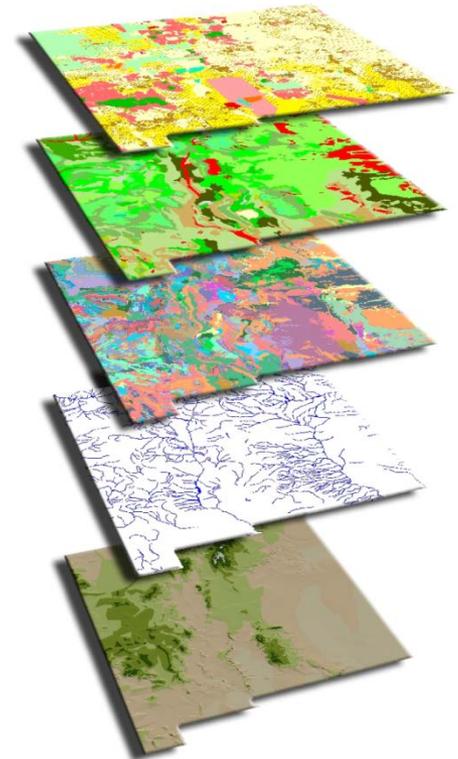


Phased Deployment

FirstNet is requiring each state to identify a phased build strategy.

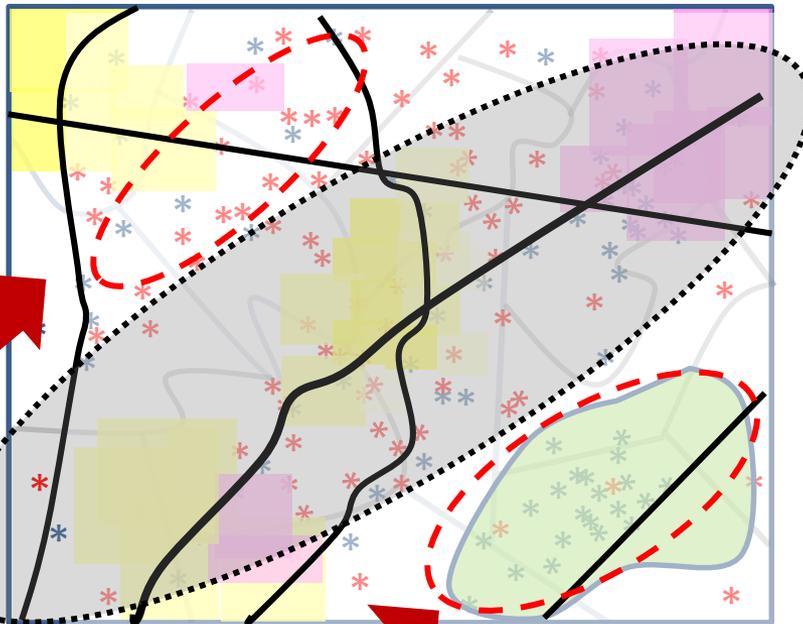
Michigan's approach is to assign importance at the data element level.

Priorities will clarify through the stacking of data levels.





Data in Action



FirstNet
proposed
coverage
area

Michigan-identified
coverage need

Hypothetical Michigan County

Population

911 Calls *

Officer Initiated Calls *

Roadways ---

Wilderness areas

Future Use of Data

- FirstNet Network Partner Coverage
- "Heat Map" to identify additional Michigan coverage needs