

ORRAI
OFFICE OF REPORTING, RESEARCH
ANALYTICS AND IMPLEMENTATION



Stakeholder Meeting

Becoming a Data-Informed Organization



Utilizing predictive analytics and data-informed decision making to strengthen our organization, support our workforce and improve outcomes for our communities.



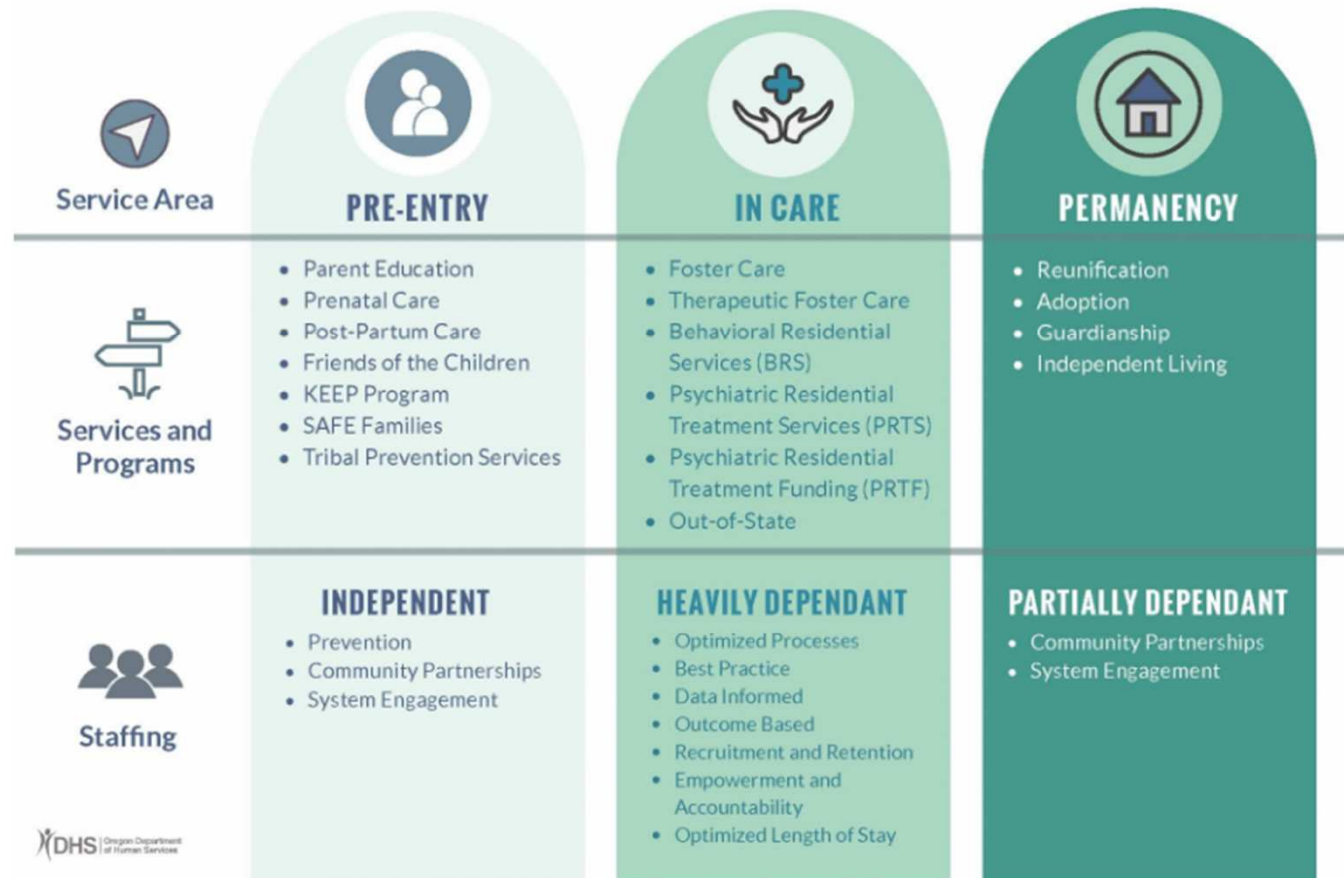
To be better tomorrow than we are today.

Rise

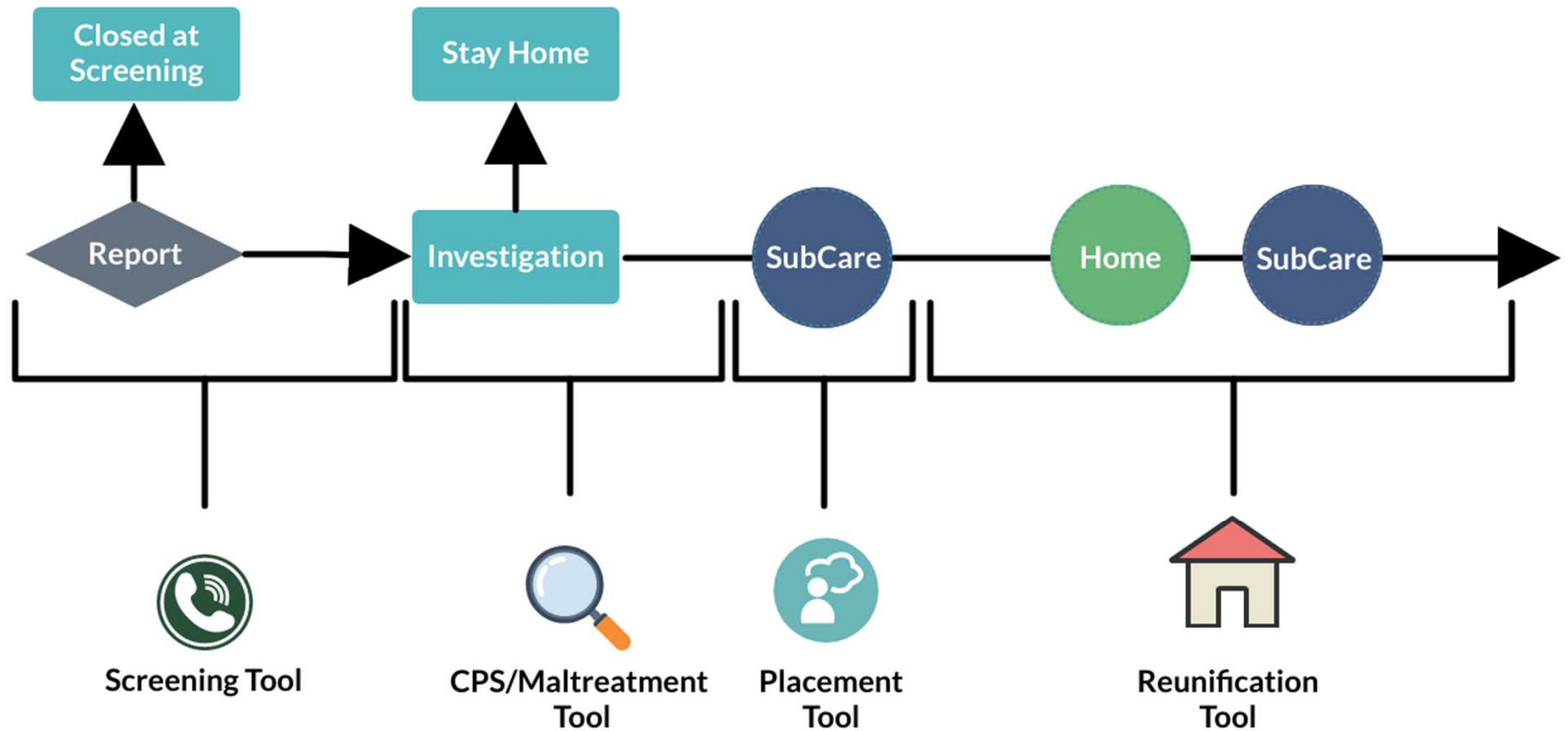
Oregon's Child Welfare System

To improve outcomes for children and families, the Child Welfare system must:

- **Utilize data-informed decision making**
- **Focus on prevention**
- **Align services**
- **Foster Community Engagement**



Becoming a Data-Informed Organization



CP3 Achieving Permanency

Objectives, Goals and Intent



Improved outcomes for children and families by strengthening the foster care system through the use of data-informed decision making and strategic community partnerships



CP3 (Children's Public Private Partnership) to invest in and support local programs and services needed to improve timeliness and success for achieving permanency



Successful reunification of children currently in care with a low probability of returning to care within one year



Improved collaboration and commitment amongst internal and external stakeholders

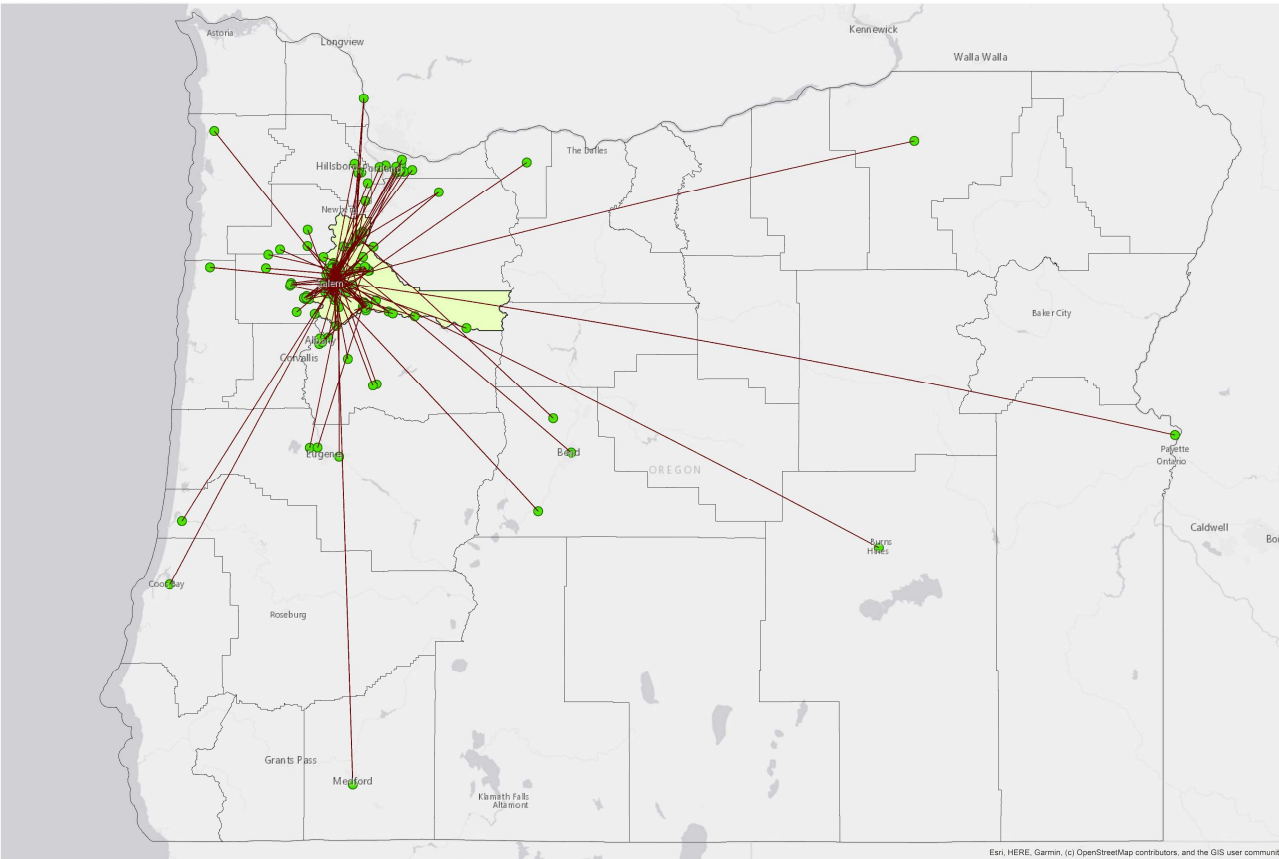


Identification and development of sustainable and effective community-based services for children and families



Reduce the number of children currently in foster care

Geospatial Mapping



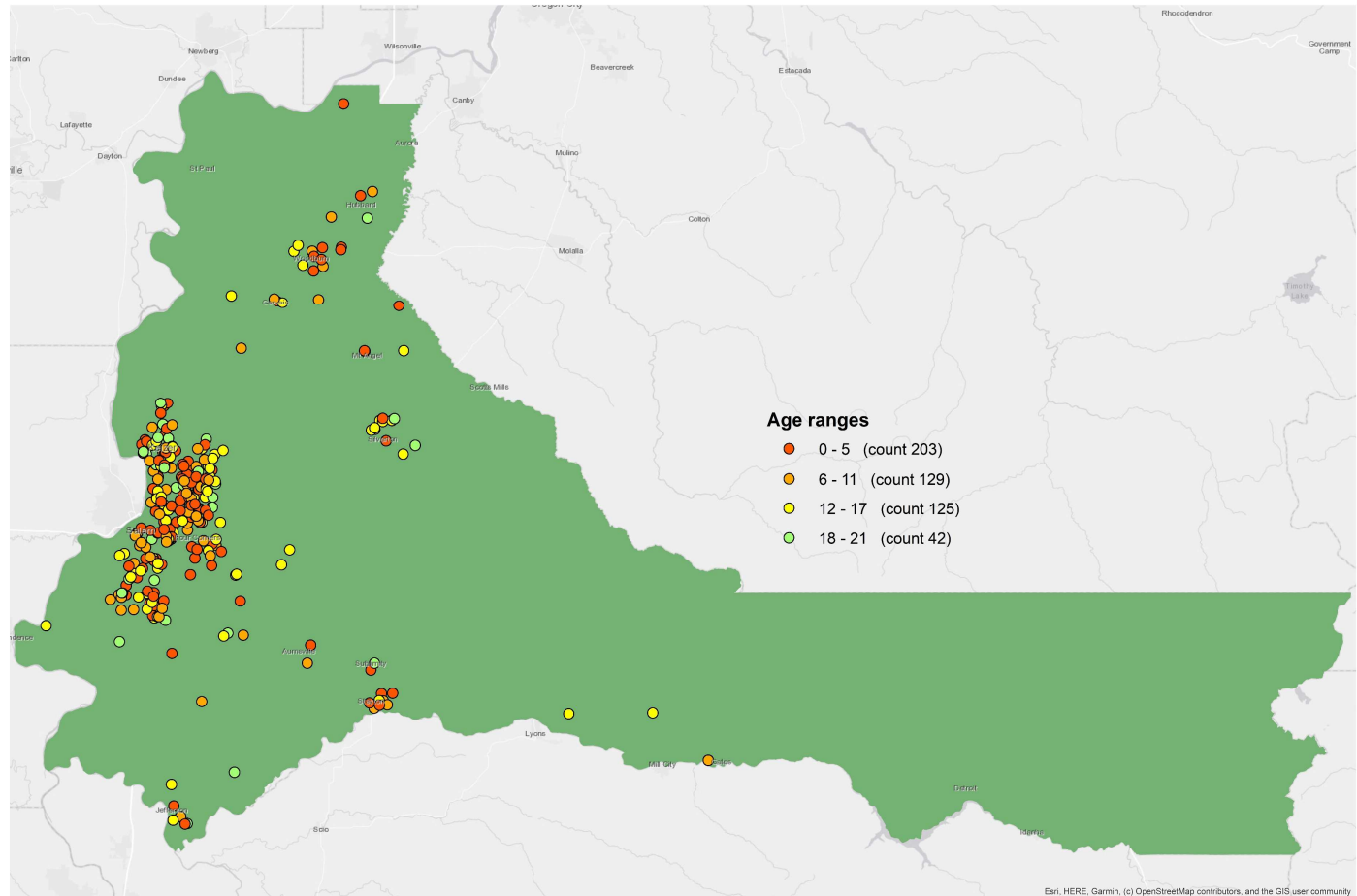
Current-case locations for Marion County removals
that are not identical to removal locations

Foster Care removals inside Marion County in the past three years

- 1011 removals (obtained through geocoding removal addresses)
- 938 current-case geocoded addresses corresponding to the Marion County removals
- 101 current-case addresses are now outside Marion County
- 536 addresses are identical for removal and current-case

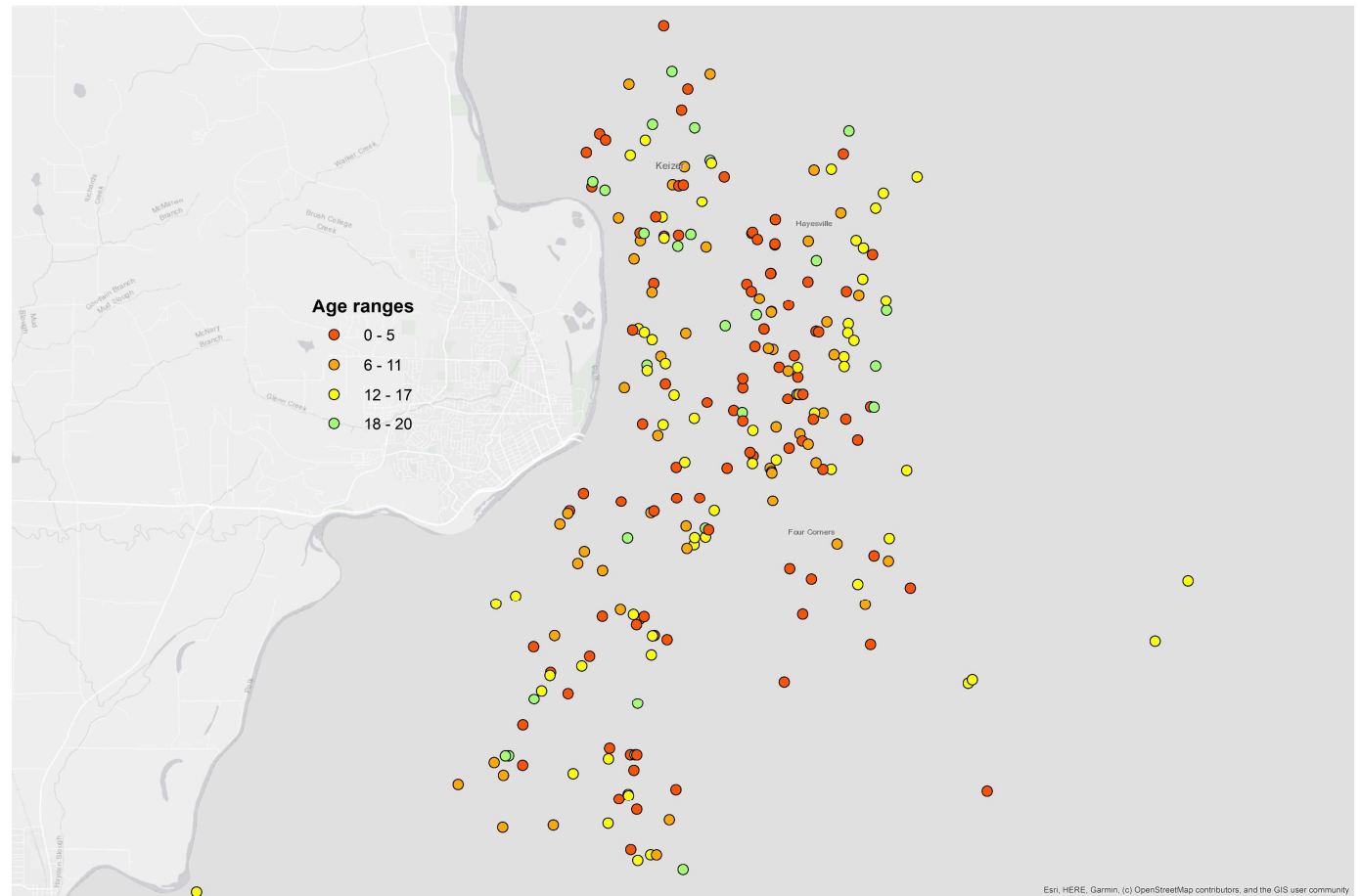
Geospatial Mapping

Marion County
current children in care



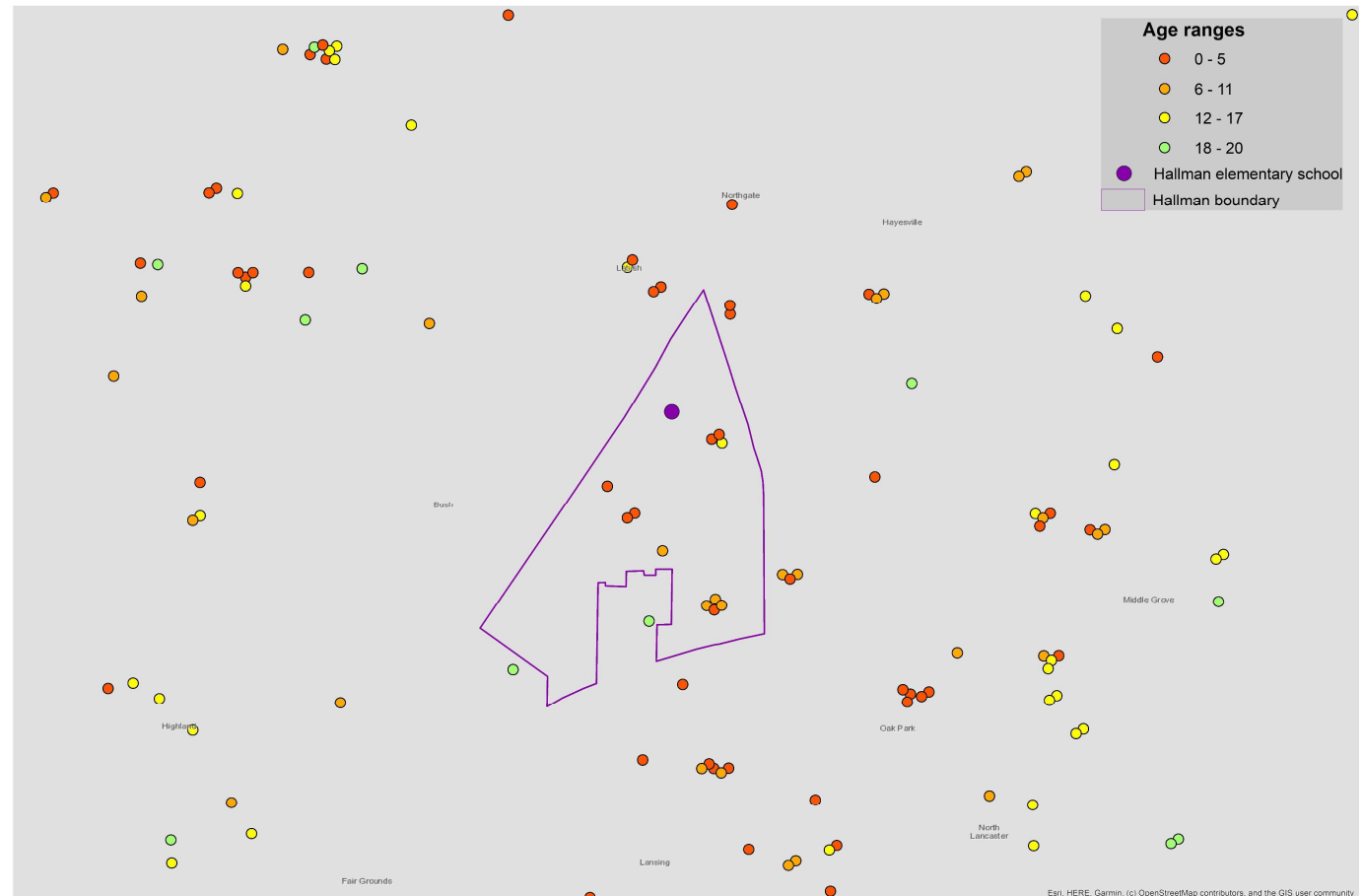
Geospatial Mapping

Salem – Keizer area, Marion County
current children in care



Geospatial Mapping

Hallman elementary school area,
current children in care



Longitudinal Dataset

ADVANTAGES

- Outcomes result from many lifespan events and a person's movement toward an outcome can generally be predicted before the outcome occurs
- Identifying where the negative trajectory diverts from the positive trajectory also recognizes when services should be offered
- Social service, education, and criminal justice data are available to identify factors associated with both positive and negative child/family outcomes. Designing services, quantifying their effectiveness, and assuring service matching algorithms are used should make the service delivery system more efficient and effective

APPROACH

- Differentiate two groups before the negative outcome occurs
- Move "upstream" until the two groups cannot be accurately and meaningfully differentiated - this is where the two trajectories begin to separate

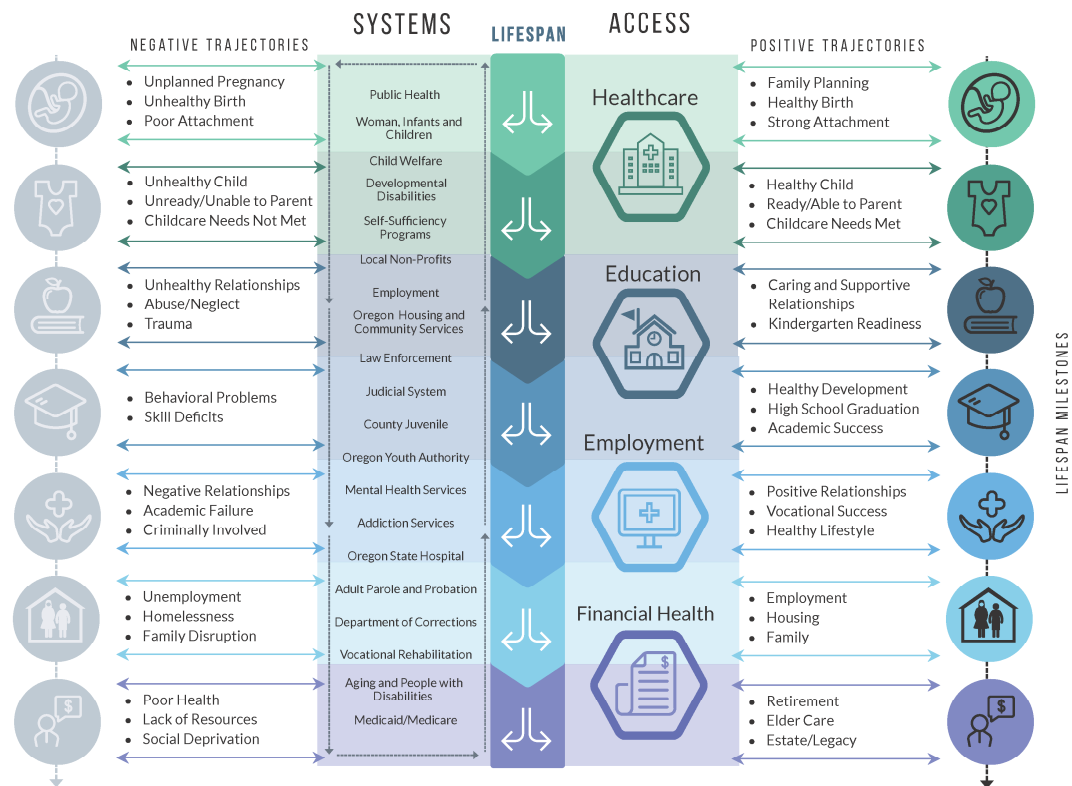
CONTACT

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LONGITUDINAL DATASET

Understanding the social determinants associated with positive and negative family outcomes



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Questions