

What Does Predict Align Prevent Do?

(bite-sized version)



Knowing that there is limited and/or unreliable funding for child maltreatment prevention and related social services, Predict-Align-Prevent (PAP) aims to leverage existing funding, local expertise, and community-wide participation in prevention activities with accountability to objective measures of population health and safety. PAP implements a novel continuous quality improvement cycle with jurisdictions committed to the prevention of child abuse and neglect. PAP is at work on a national scale seeking the combination(s) of programs, services, and infrastructure that reliably prevents child maltreatment and related fatalities across jurisdictions.

Predict: Geospatial machine learning predictions identify the places where children are at greatest risk of maltreatment, ranking the most important risk features by correlation to child maltreatment events.

Align: Information regarding community voice, the spatial allocation of prevention resources, protective assets, prevention coalitions, and population psychographics are gathered in collaboration with community partners for the purpose of developing and executing a data-driven strategic plan for prevention.

Prevent: Over time, the effectiveness of aligned prevention efforts are evaluated using objective, population-level measures of child health and safety. This quality improvement cycle is intended to uncover, strengthen, and replicate effective prevention initiatives.