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GeoAl for Health Summit

monday, june 27 session time: 10am - 11:30 US EST



- Welcome & Introduction
- Panelists
 - Stephen MacFeely, PhD, WHO
 - > Jay R Etherton, Data Scientist/Epidemiologist, HSR.health
 - Serene Ong, GIS Analyst & Anthony Arce, Data Coordinator, San Bernardino Co Dept of Public Health
- Q&A
- Networking





Leverage Actionable Insights from Health, Social, & Environmental Data to:

SOLUTION BENEFITS CLIENT Disease Global Public Health, WHO Guide efforts to safely reopen economies Health Departments and resume normal activities. Surveillance & National CDCs Enable effective allocation of resource to Intervention Hedae Funds combat health disasters. Airlines Solution Identify early signals of potential human-Cruise Lines Hotels to-human transmission. Real Estate School Systems Logistics Health Enable Organizations to anticipate and take advantage of health risks. **Risk Data** Assess the current and future health & & Indices medical needs of a population. Stratify patients for risk of adverse outcomes. Hospitals Leverage insights from broad sets of Health Departments SDOH social & environmental determinants of Community Service Organizations health.



How We Help

Leverage Actionable Insights from Health, Social, & Environmental Data to:





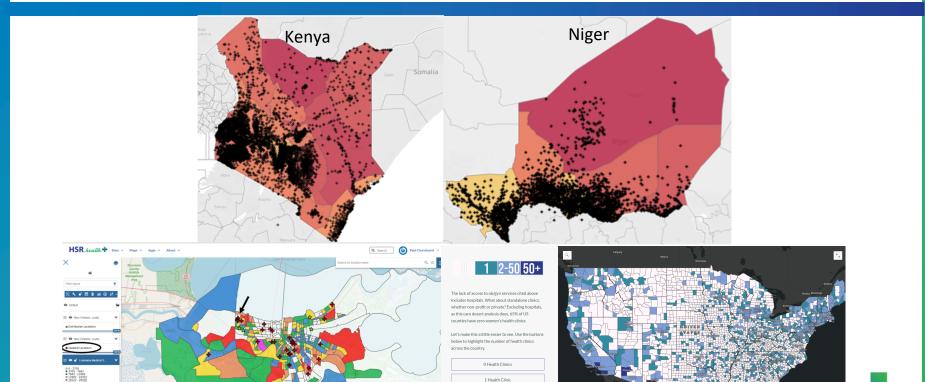
GeoAl At Work In Healthcare



Healthcare Access: Facility Location

New Orleans, LA

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50+ Health Clinics



Novel Data Sources





EARTH OBSERVATION

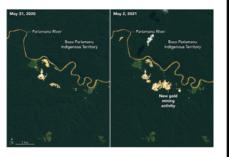
CLIMATE-CHANGE INDUCED MOUNTAIN ICE MELTING IN ROCKIES

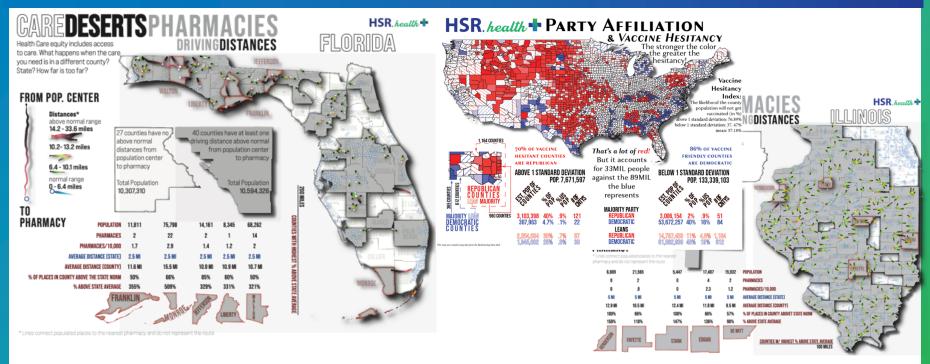
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FLASH FLOODS FROM HURRICANE IN NORTHEAST



GOLD-MINING RELATED FOREST LOSS IN PERU

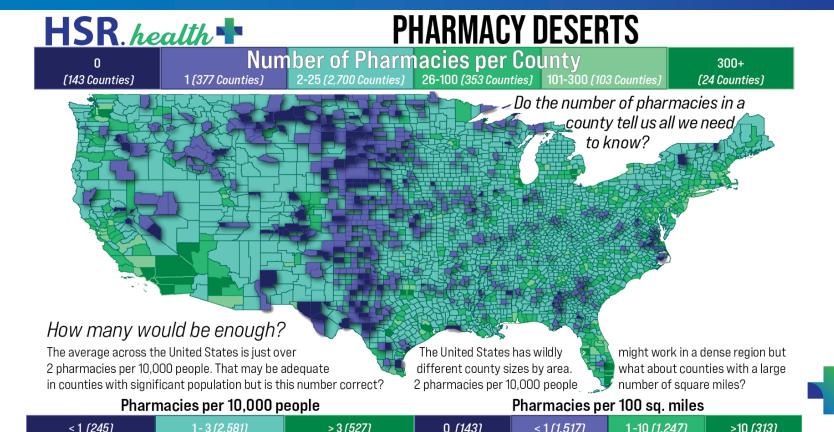






Informing Policy Makers



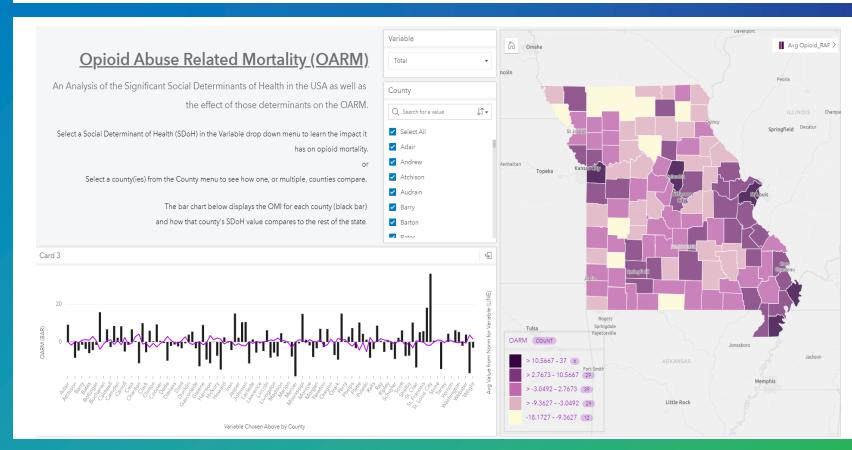


Identifying Solutions to Health Challenges

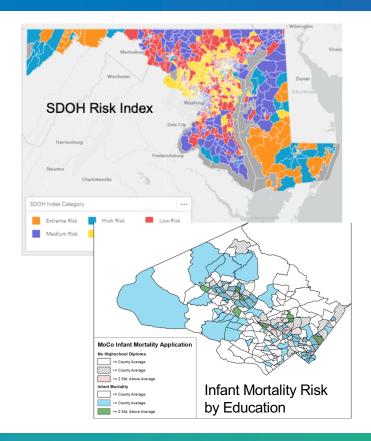
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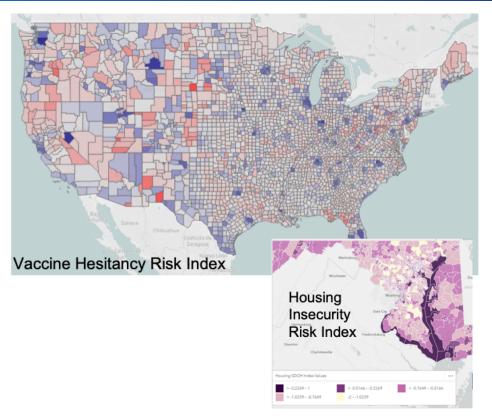
- 1. Who/which populations & communities are at greater risk of a specific health issue?
- 2. What are the underlying factors that contribute to this risk?
- 3. How can those populations best be served / treated to overcome those risks?
- 4. Where should interventions be launched to have the greatest impact at lowering the risk?





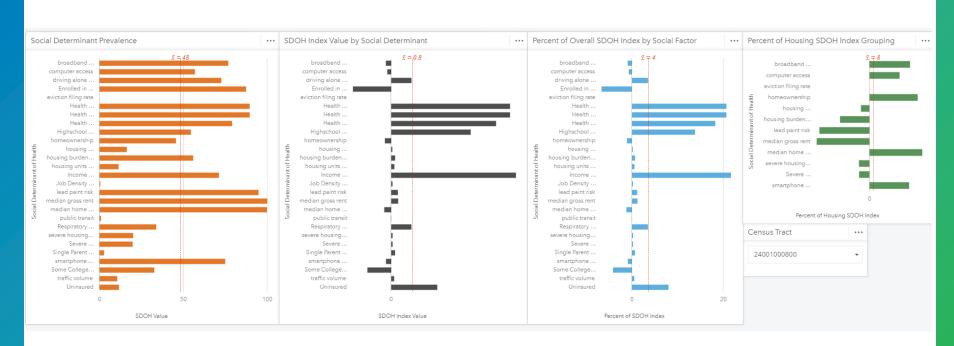






Analysis of Underlying Factors

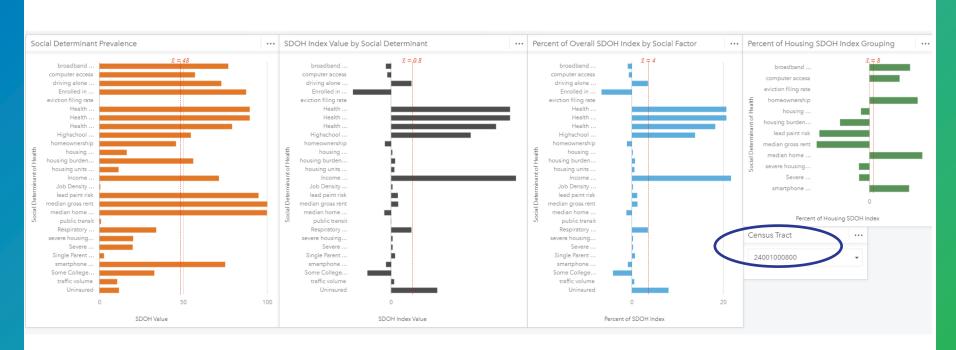
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Analysis of Underlying Factors at a Granular Level

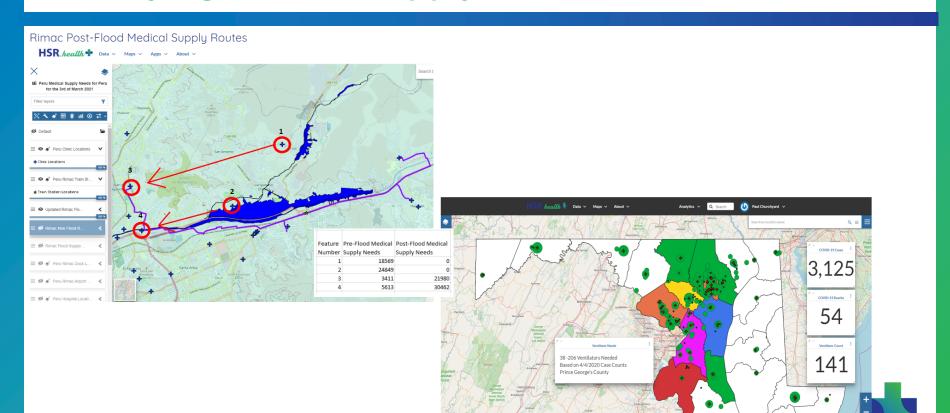
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Identifying Medical Supply Needs

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