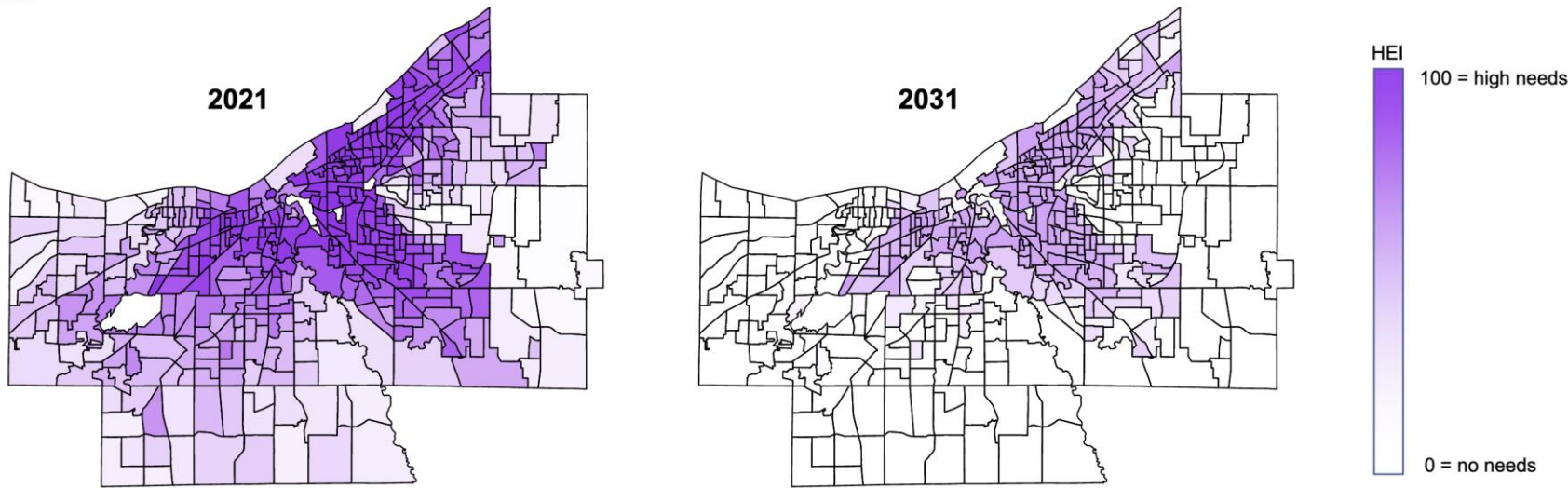


Regional Health Equity Simulation

Regional Equity Demonstration (build 1003)

This is a "proof of concept" simulation model illustrating the incorporation of spatial distribution of health inequities into a system dynamics simulation model. The model uses the initial distribution of the 2021 Health Equity Index (left map) for Cuyahoga County, Ohio census tracts from HealthyNeo (<https://www.healthyneo.org/indexsuite/index/healthequity>). The map on the right shows the simulated Health Inequity Index based on the policy set below.



Status Quo. In the status quo policy, no resources are allocated to reducing health inequities. Simulate the policy from 2021 to 2031 by clicking the button.

Run "status quo" simulation

Equality. In the equality policy, resources are allocated to reduced 25% of the total need per year with resources divided equally across census tracts. Simulate the policy from 2021 to 2031 by clicking the button.

Run "equality" simulation

Equity. In the equity policy, resources are allocated to reduced 25% of the total need per year with resources allocated proportional to need. Simulate the policy from 2021 to 2031 by clicking the button.

Run "equity" simulation



<https://tinyurl.com/ym4822bu>