

# The Community Game

The Power of Many: How **Mathematics & Statistics** Strengthen Communities

Take a trip through your community and discover how statistics powers daily life. From hospitals to highways and schools to food banks, data keeps everything moving.

**START**

SCAN to read the rules of the game



**WINNER!**



**Public Health & Safety**  
Public health and safety rely on statistics to track disease outbreaks, monitor emergency response times, ensure water and food safety, and measure vaccination coverage.



**Infrastructure & Transportation**  
Infrastructure and transportation rely on data to optimize traffic flow, plan transit routes, prioritize road repairs, analyze utility use, and assess walkability and bike access.



**Education**  
Education relies on data to track student performance, allocate resources, monitor attendance, evaluate programs, and identify achievement gaps.



**Local Economy**  
The local economy relies on data to analyze small businesses, employment trends, housing markets, and tourism patterns to guide economic development.



**Environment & Sustainability**  
Environmental decisions rely on data, from air quality, climate patterns, and park and green space usage to recycling programs and urban heat mapping.



**Social Services**  
Social services rely on data to map food insecurity, track homelessness, monitor library and recreation use, and assess community needs.



**Civic Engagement**  
Civic engagement relies on data to analyze voter turnout, design community surveys, guide budget decisions, and measure equity across neighborhoods.