

GeoGov Summit

Deep Dive Session Healthcare



Lain Graham, Ph.D., RPA
Lgraham@esri.com

*National Government Health & Sciences
Solution Engineer Team Lead*



Esri Health and Human Services Focus Areas



GIS

Enables The
Geographic Approach

Providing a Process
and Framework . . .

. . . For Applying Geographic
Knowledge Widely



Measuring

Data

Assessing

Visualization &
Mapping

Predicting

Analysis &
Modeling

Understanding

Planning &
GeoDesign

Applying

Decision
Making

Action

Census, Population and Demographics and Social Equity

Mapping

Retirement Affordability



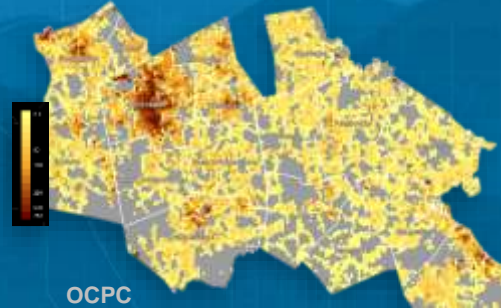
RPM Consulting
New York City, New York

Extreme Poverty



Map Ideation
Mississippi

Population Density
(Hex Bins)



OCPC
Massachusetts

Black Women and
Healthcare Access



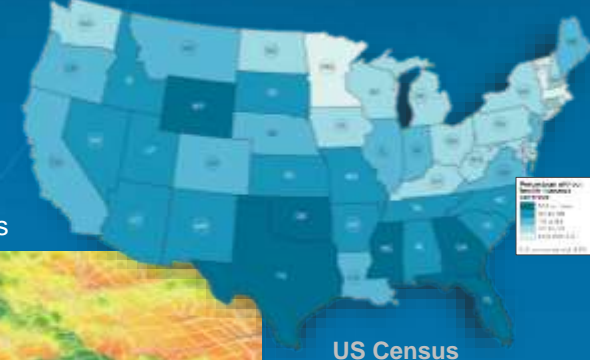
W.K. Kellogg Foundation
Louisiana

Targeting Low
Income Schools



National Center for
Education Statistics
Texas

Uninsured Rate by State



US Census

Boundary Management

Administrative Boundary
Management



Congressional Districts
of the 118th Congress



US Census Bureau
US | Puerto Rico

Redistricting
(Using 2020 Census)



City of Wheaton
Illinois

Environmental
Justice
Areas



CalEnviroScreen
California



Alamo Area MPO
San Antonio, Texas

Social Equity

Racial Equity
& Social Justice



City of Raleigh

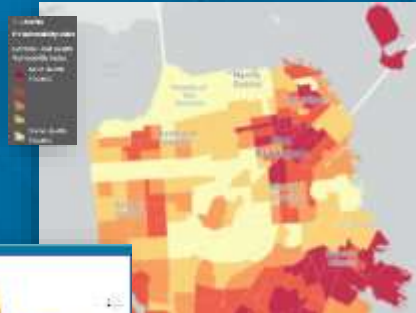
Health and Human Services

Stroke Patients



San Bernardino County
California

Heat and
Vulnerable Population



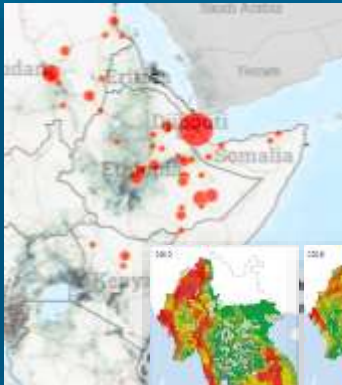
City of San Francisco
California

COVID-19
Monitoring



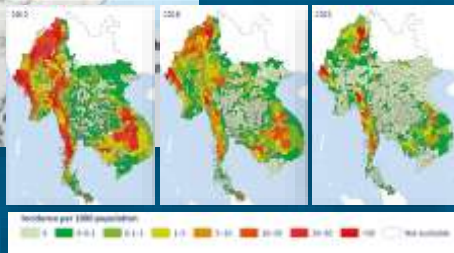
Washoe County
Nevada

Malaria and Population



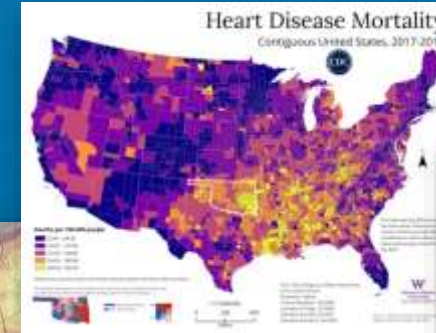
UC Irvine
East Africa

Malaria Incidence



WHO
Southeast Asia

Heart Disease Mortality



Western Illinois University
US

Resources
for Victims of
Domestic Violence



Mid-Shore Council
on Family Violence
Maryland

Access to
Health Facilities



Columbia University
Gombe District, Zambia

Homeless Point-
In-Time Survey



Los Angeles
Homeless Services
Authority
California

Homeless
Dashboard



City of Bakersfield
California

Community Profile



YMCA of the USA
Dallas, Texas

Acute Malnutrition



WHO
Ethiopia

Drought
Hot Spots

