North County Land Trust

Creating Connections

January 28, 2019

"…Retaining an intact landscape is the single most important step that we can take to ensure the continuous flow of benefits from nature to society in the face of mounting environmental threats."

–Wildlands and Woodlands, Harvard Forest

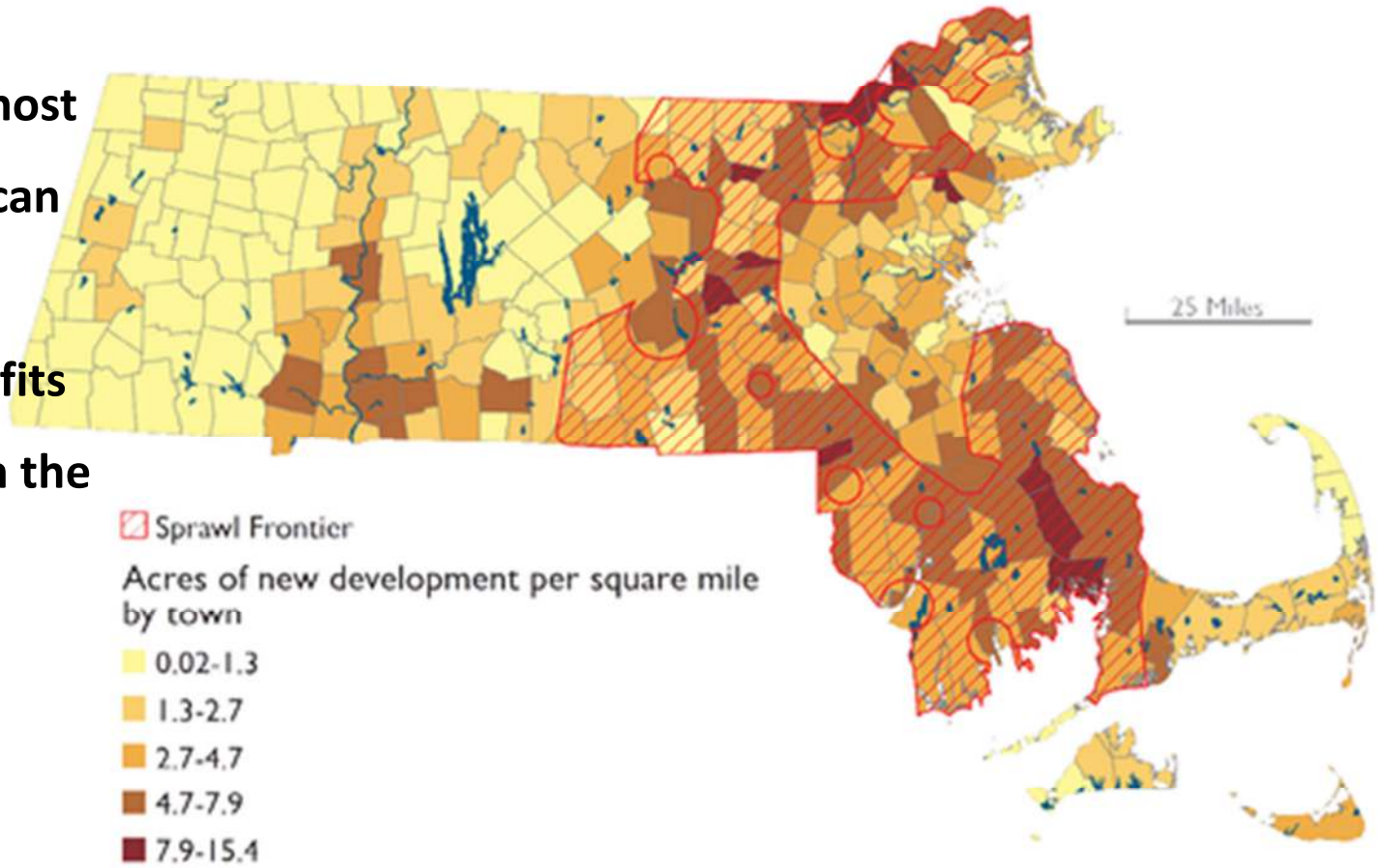
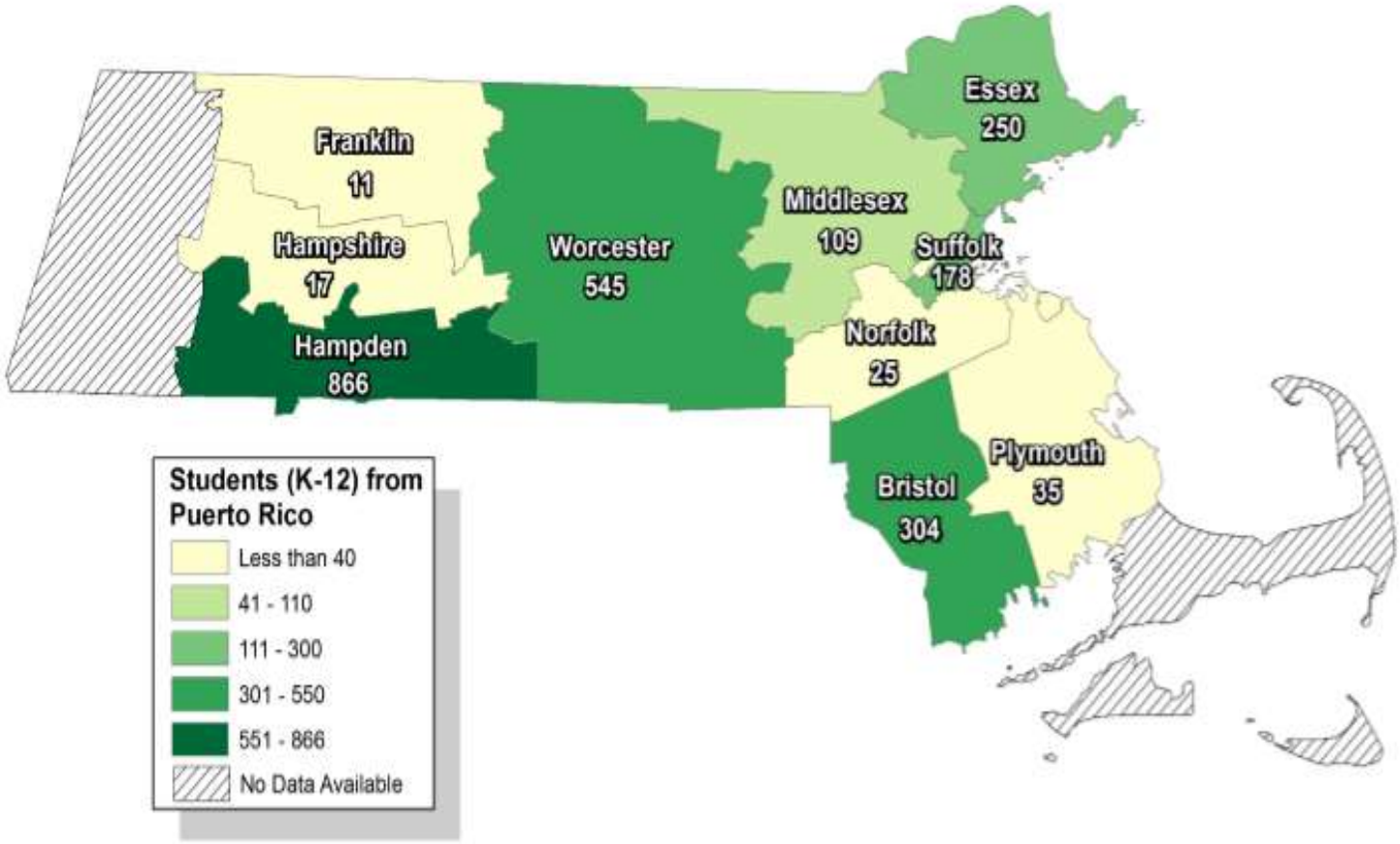


Figure 2. Post-Hurricane Maria Puerto Rican Student Enrollment (K-12) in Massachusetts School



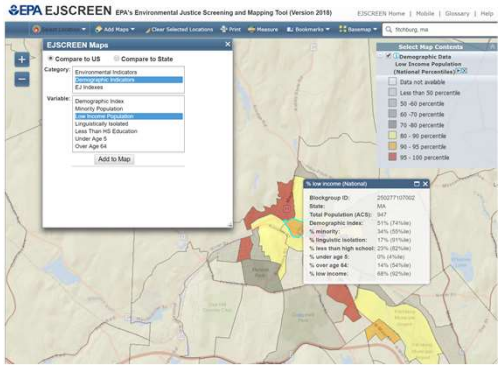
Source: Pennsylvania Deparment of Education

Projects, Prioritization, and Resources

"This project is so important that we can't let anything more important interfere with it."

Stakeholder Identified Values

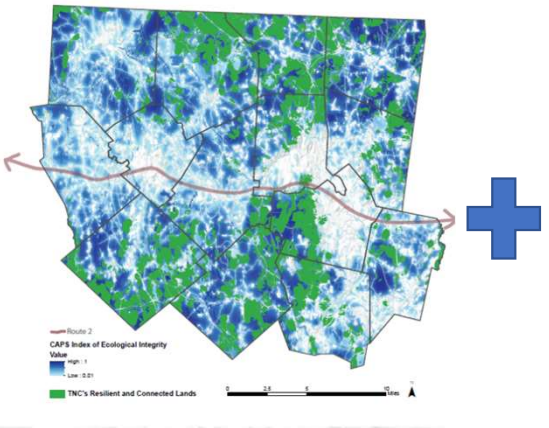
- Landscape Connectivity
- Farmlands
- Water Resources
- Trails



Weighted Scoring Matrix

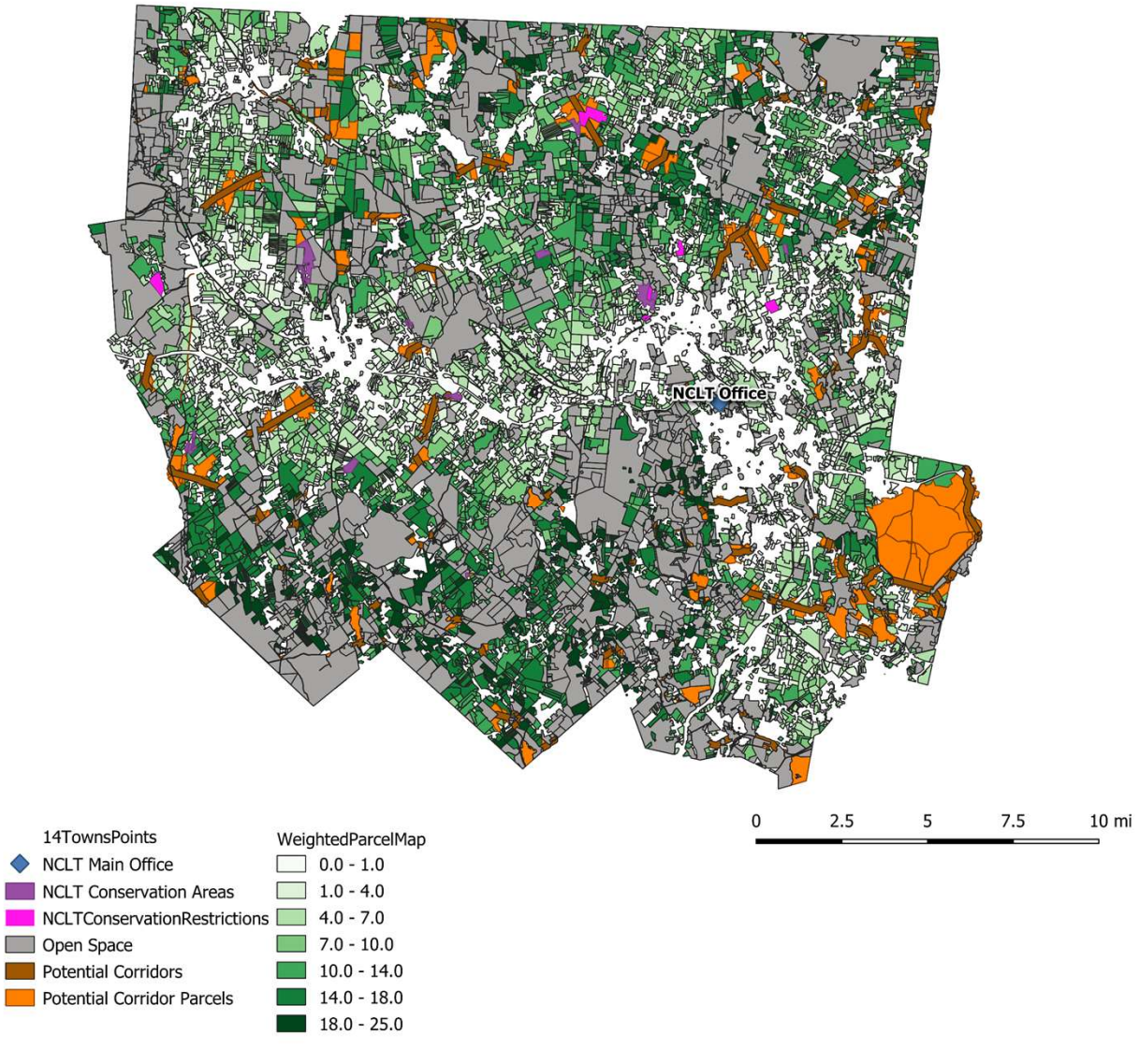
Criteria	Indicators	Indicator Overlap With Parcel	Score
Ecological Value	Index for Ecological Integrity (CAPS)	0 very low 1 medium 3 highest 5	0 1 3 5
Connectivity	Contiguous to Open Space preserved in perpetuity	No Yes	0 3
Connectivity	Conductance (ecological permeability)	0 very low 1 medium 3 highest 5	0 1 3 5
Climate Change Resilience	The Nature Conservancy's Resilient and Connected Landscapes	0% 0-50% 50-100%	0 3 5
Farmlands	Agricultural Land (using Tuft's Data Lab process for identifying prime agricultural lands)	0% 1-33% 33-66% 66-100%	0 1 3 5
Water Resources	Drinking Water (Surficial drinking water protection, Zones A and B; groundwater protection, Zones I and II; and IWPAs)	Does not intersect with feature Intersects with feature	0 3
Water Resources	Surface Water (Wetlands, Perennial Streams, Lakes, Ponds, Reservoirs)	Does not intersect with feature Intersects with feature	0 3

Total Score Per Parcel



Ecological Integrity and Climate Resilience

The Weighted Parcel Map



"…history shows that the concentrated effort of many individuals can transform an entire region in ways that shape the land and benefit communities for centuries to come."

-*Wildlands and Woodlands, Harvard Forest*