

# Mapping Data using ArcGIS Online

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# Agenda

- Beyond tabular data
- Representing spatial data
- Static maps, web maps
- Demo: ArcGIS Online [www.arcgis.com](http://www.arcgis.com)

## Table

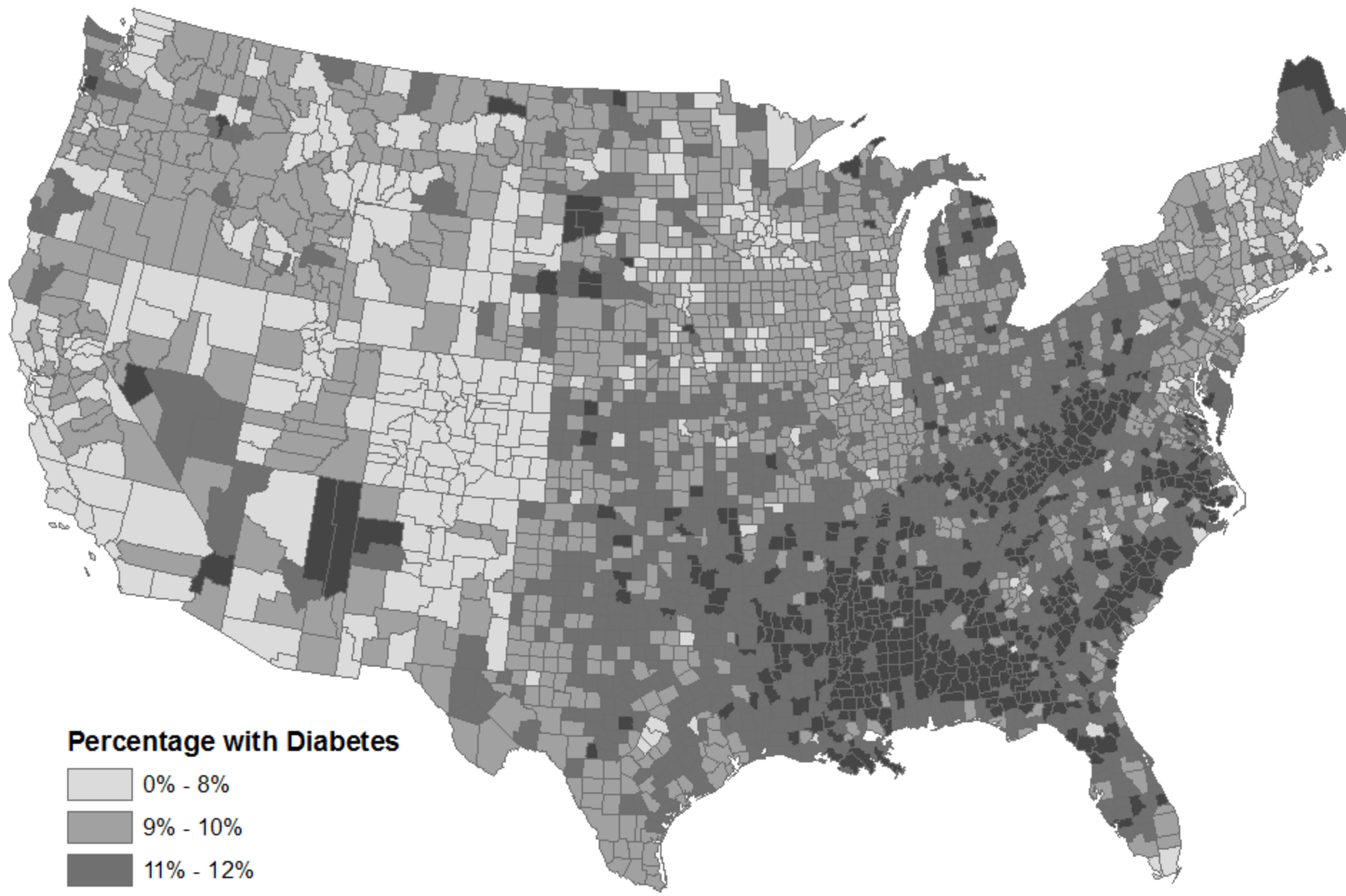


foodatlas

	NAME	STATE_NAM	PCT_DIABET	PCT_OBESE
▶	Lake of the Woods	Minnesota	9.5	28.3
	Ferry	Washington	8.1	25.7
	Stevens	Washington	9.5	27.3
	Okanogan	Washington	9.6	27.4
	Pend Oreille	Washington	9.8	30.8
	Boundary	Idaho	8.5	23.7
	Lincoln	Montana	9.2	25.6
	Flathead	Montana	6.4	21.8
	Glacier	Montana	12	31
	Toole	Montana	8.5	28.7
	Liberty	Montana	8.2	26.2
	Hill	Montana	7.7	32.4
	Sheridan	Montana	8.5	27.6
	Divide	North Dakota	9.3	29.8
	Burke	North Dakota	10.7	29.1
	Renville	North Dakota	9	26.5
	Bottineau	North Dakota	10.9	31.5
	Rolette	North Dakota	13.8	39.7
	Towner	North Dakota	10.1	29.8
	Cavalier	North Dakota	10.2	31.2
	Pembina	North Dakota	10.2	33
	Kittson	Minnesota	10.4	29.2
	Roseau	Minnesota	7.6	32.1
	Blaine	Montana	12.4	34.9
	Phillips	Montana	8.5	26.3
	Valley	Montana	10.2	27
	Daniels	Montana	9.1	23
	Whatcom	Washington	7	24.3
	Bonner	Idaho	7.9	22.7
	Ward	North Dakota	8.4	30.1
	Koochiching	Minnesota	10.3	29.7
	Skagit	Washington	7.7	27.3
	Williams	North Dakota	8.4	30.4
	McHenry	North Dakota	10.2	32.6
	St. Louis	Minnesota	8	27.8
	San Juan	Washington	6.7	19.2
	Roosevelt	Montana	13.1	34.8
	Mountrial	North Dakota	9.8	34.8
	Marshall	Minnesota	8.7	26.5
	Ramsey	North Dakota	8.3	31.7
	Walsh	North Dakota	8.6	32.6
	Beltrami	Minnesota	7.8	30.3
	Pierce	North Dakota	10.4	31.6

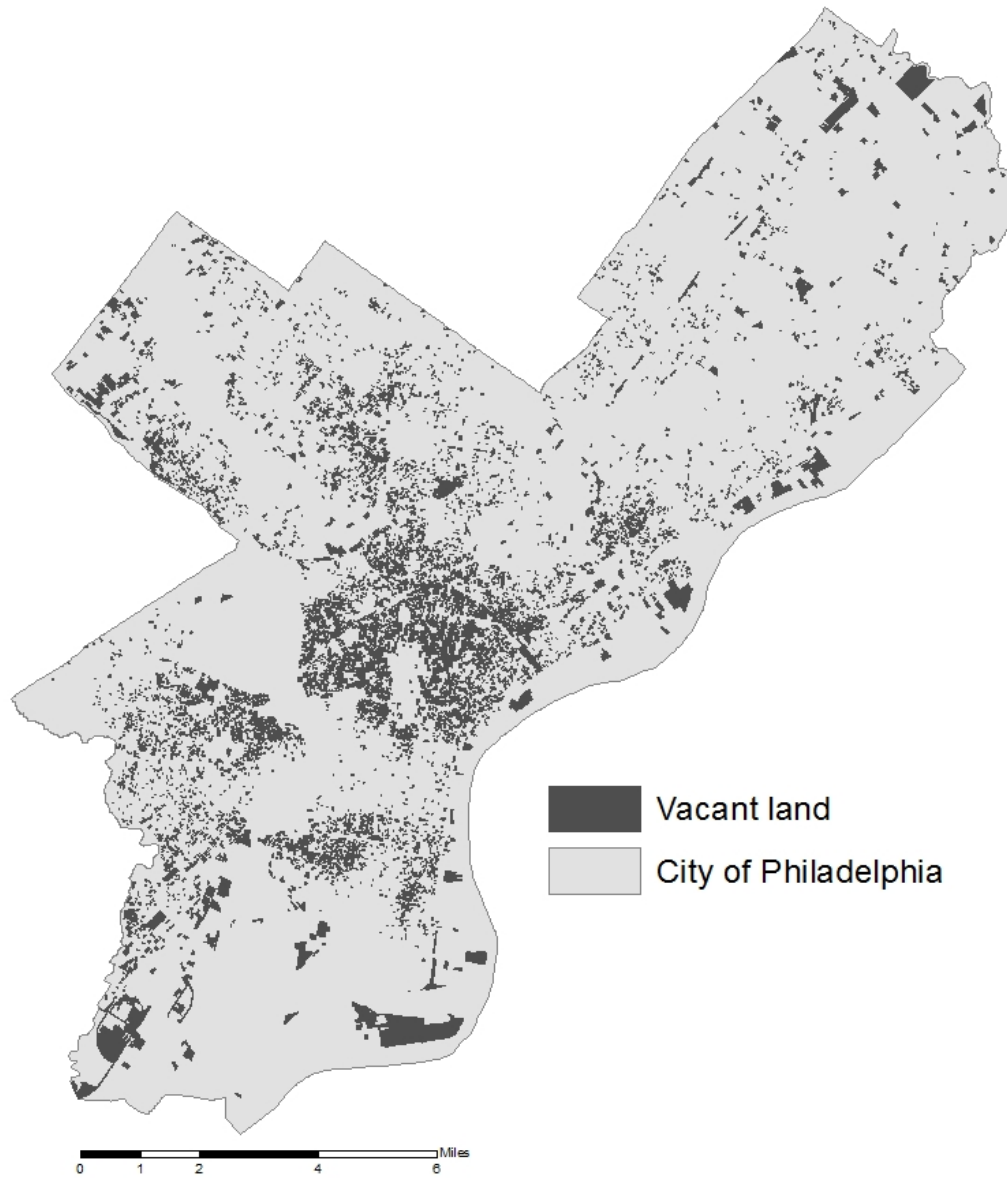
◀ ◁ 1 ▷ ▶ | | (0 out of 3141 Selected)

foodatlas

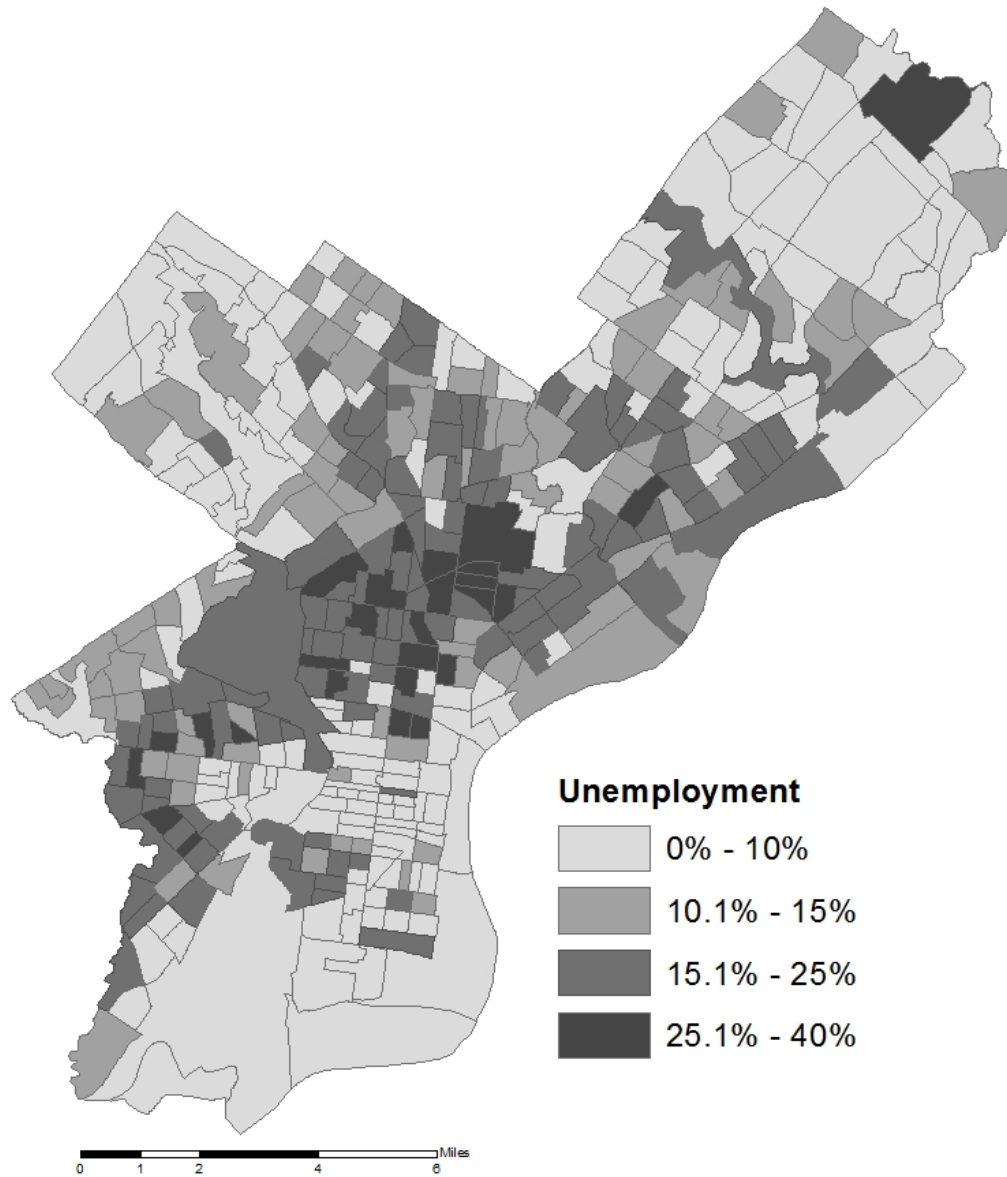


**Percentage with Diabetes**

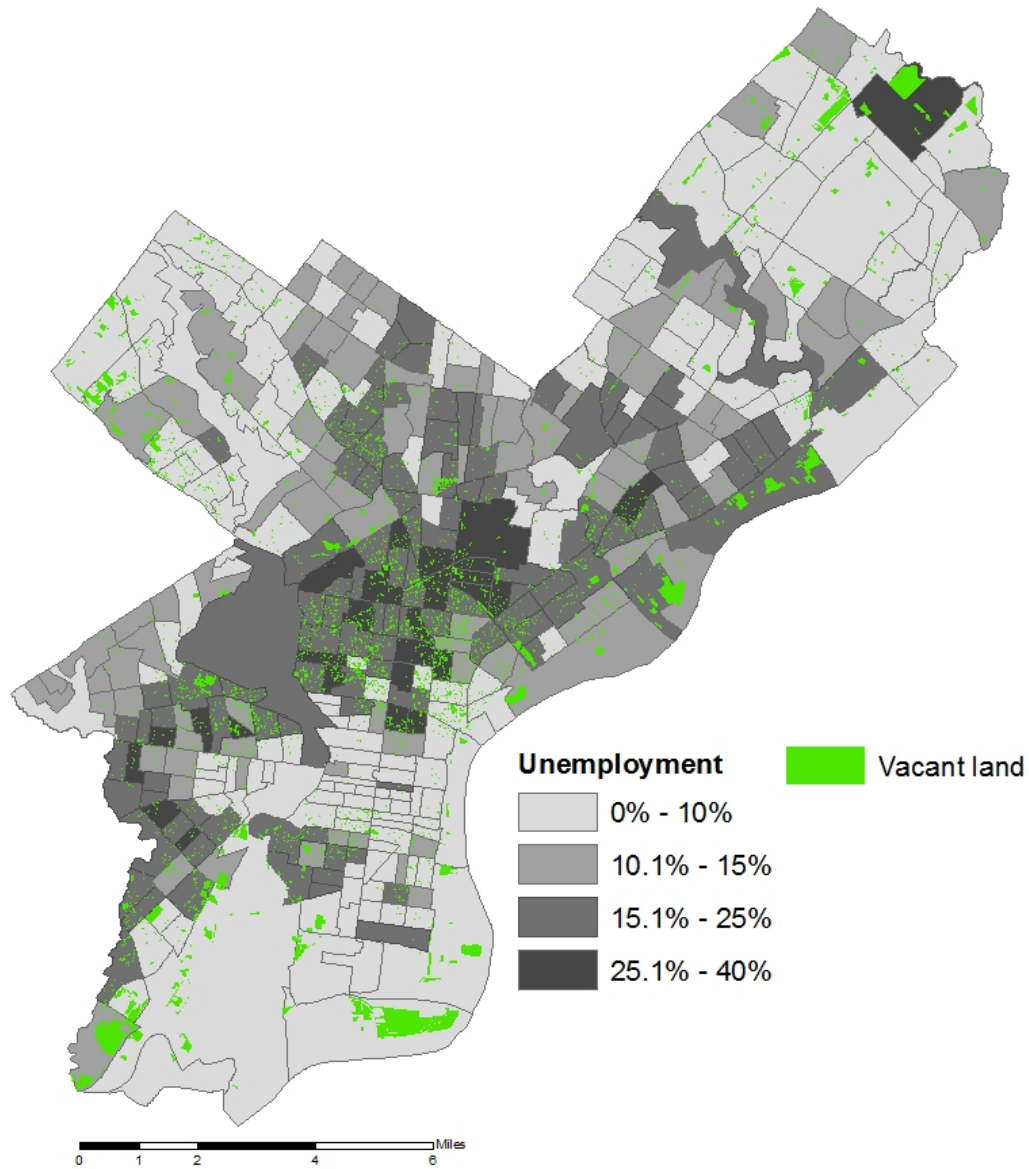
- 0% - 8%
- 9% - 10%
- 11% - 12%
- 13% - 20%



Data source: City of Philadelphia, 2011



Data source: 2010 ACS 5-year estimates

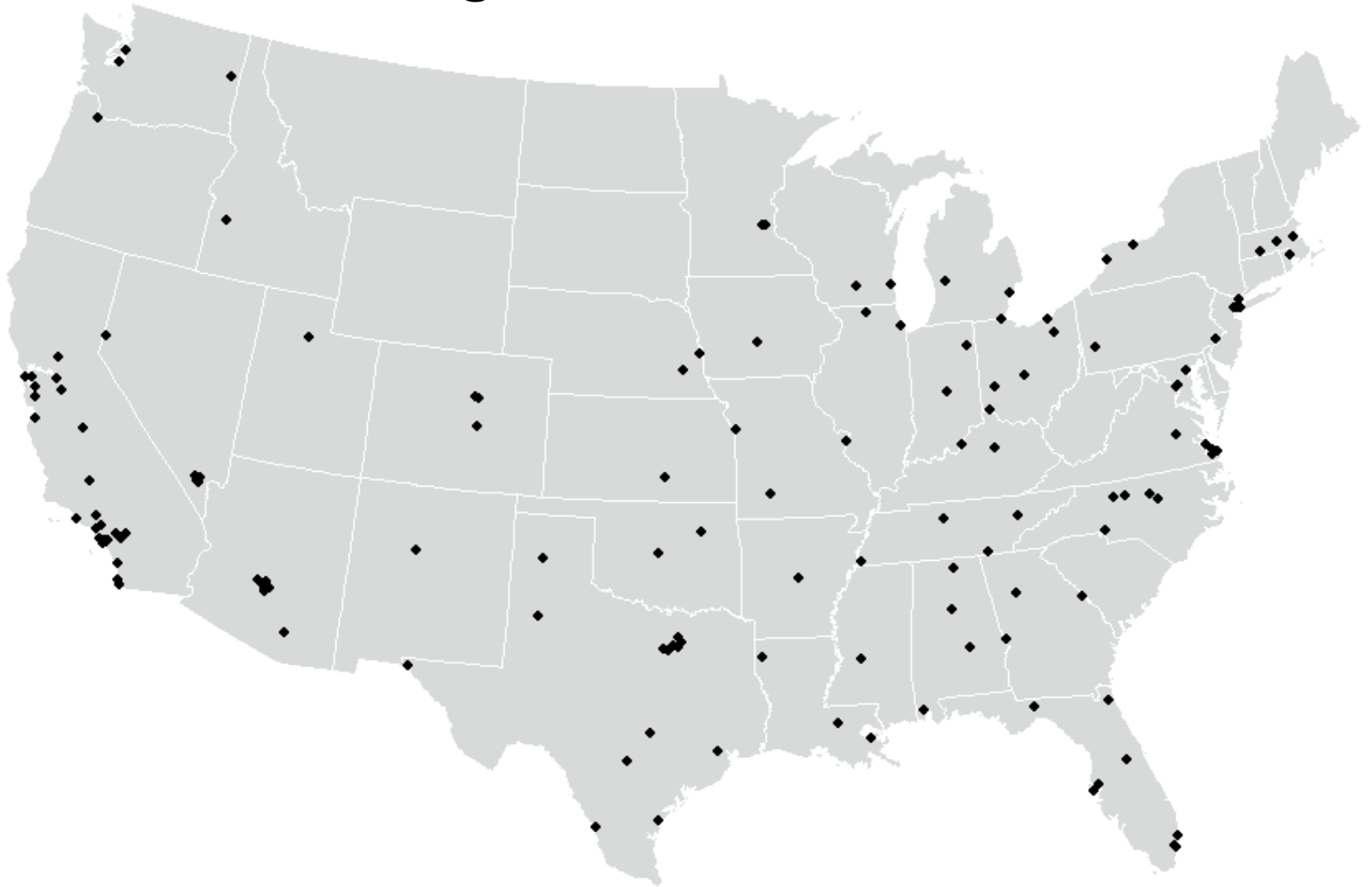


Data sources: 2010 ACS 5-year estimates, City of Philadelphia, 2011

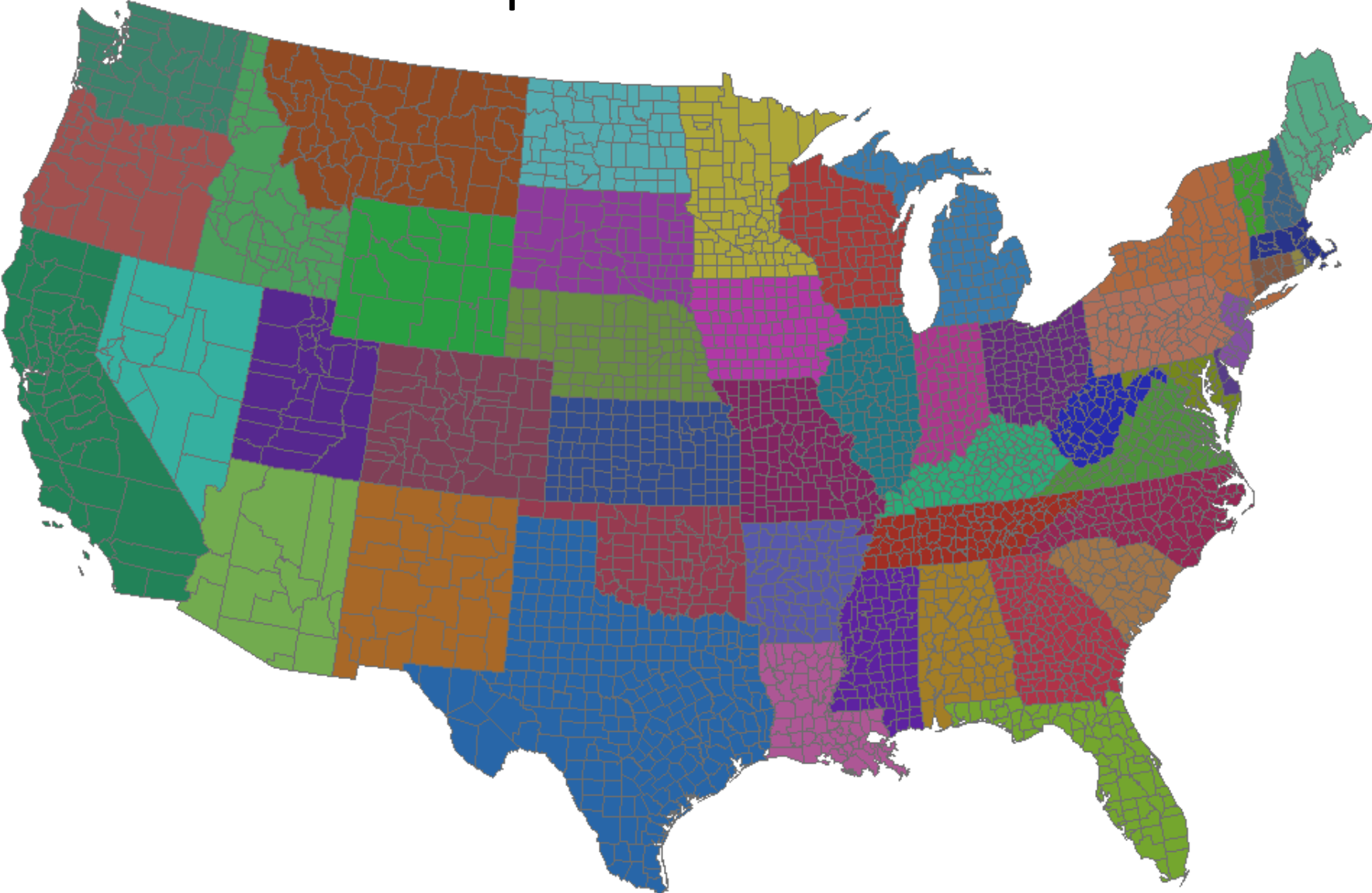
# Representing Spatial Data



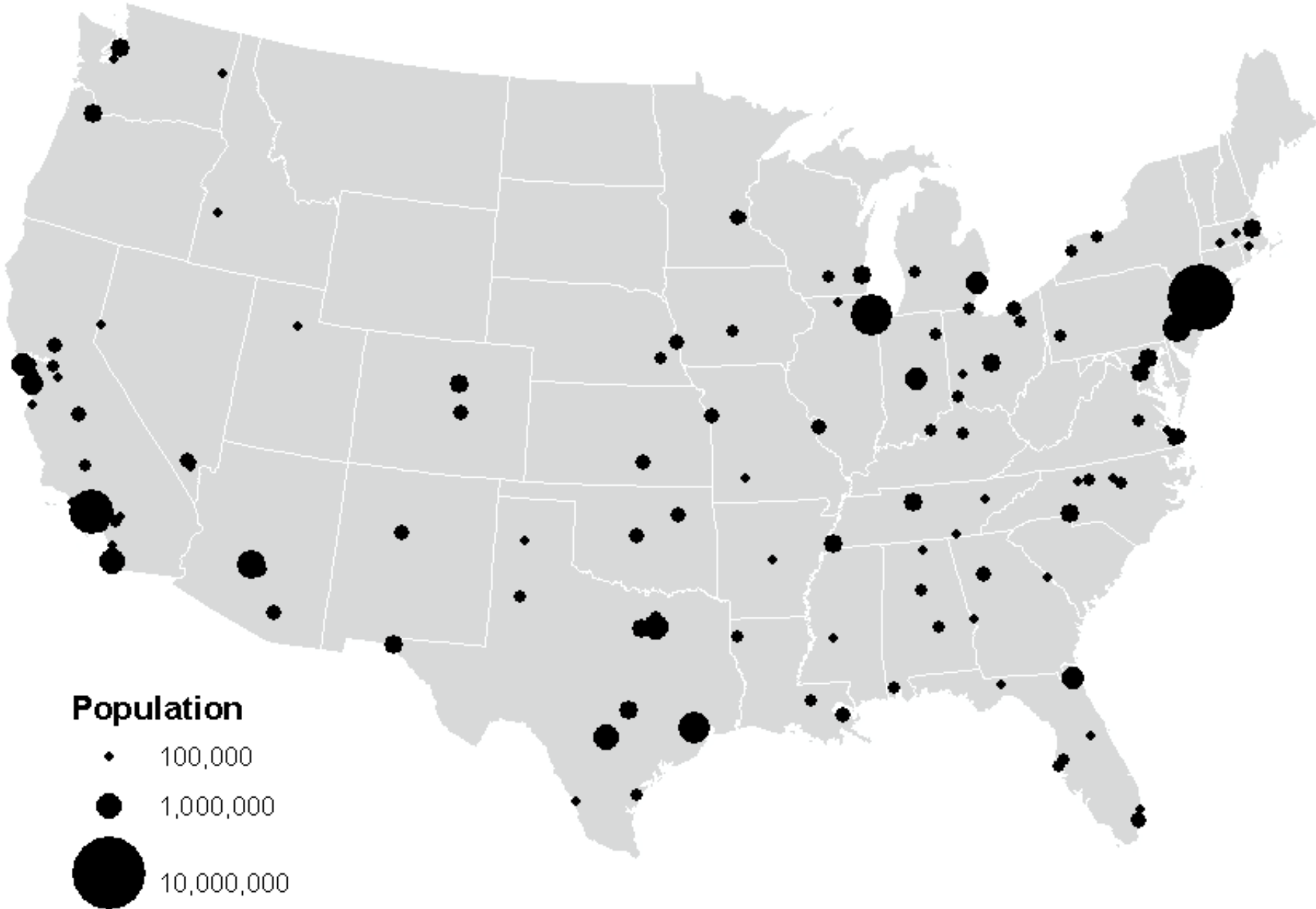
# Single Values



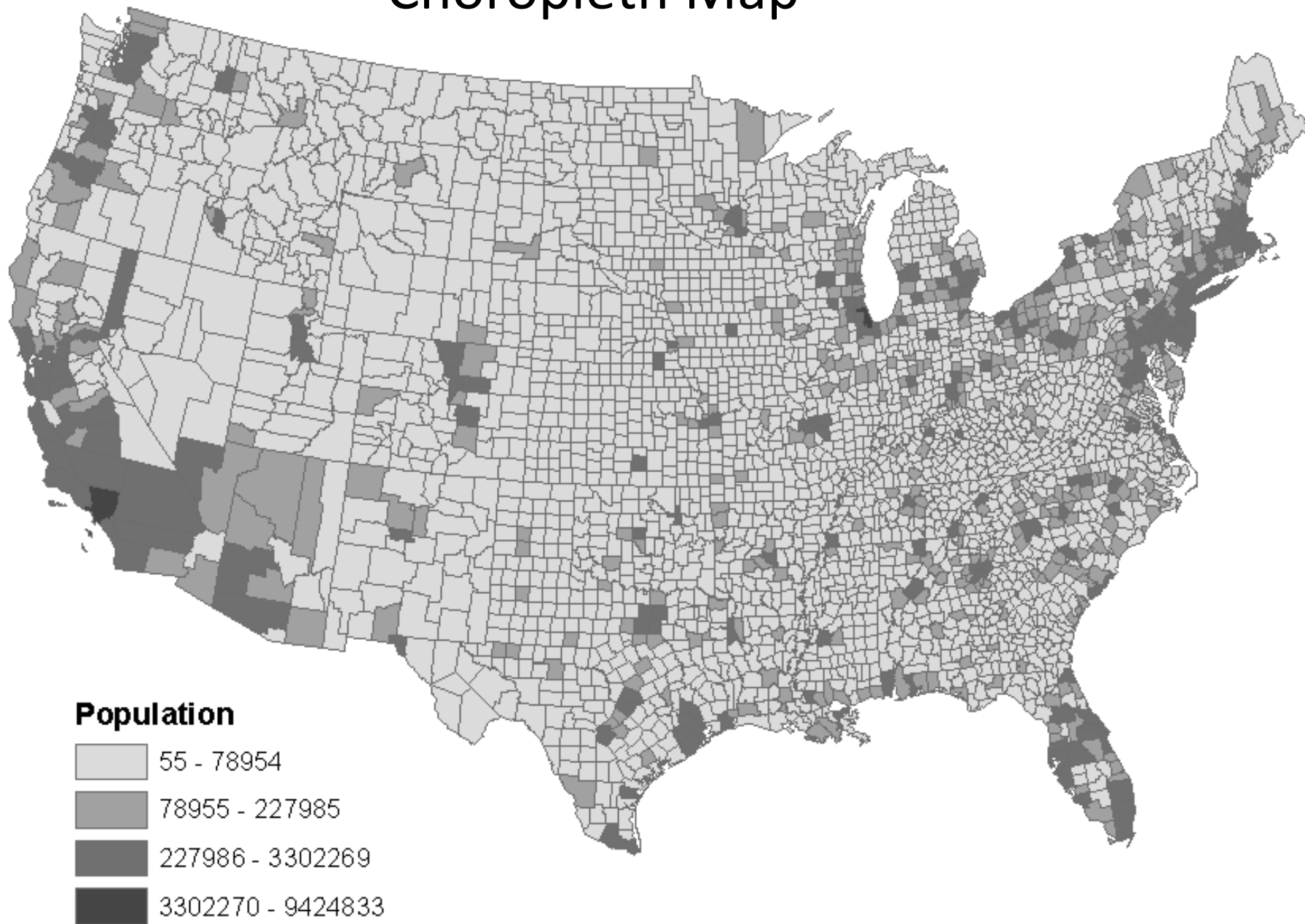
# Unique Values

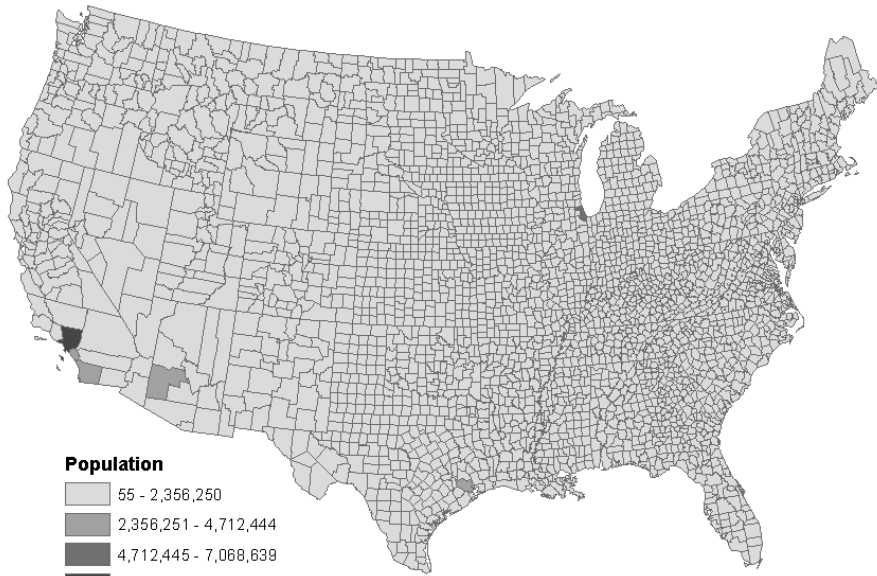


# Proportional Symbol



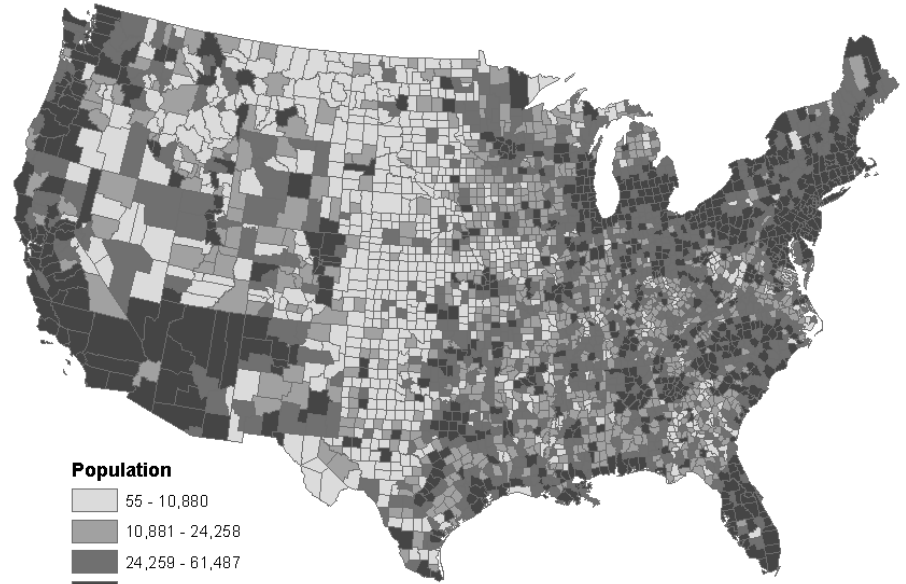
# Choropleth Map





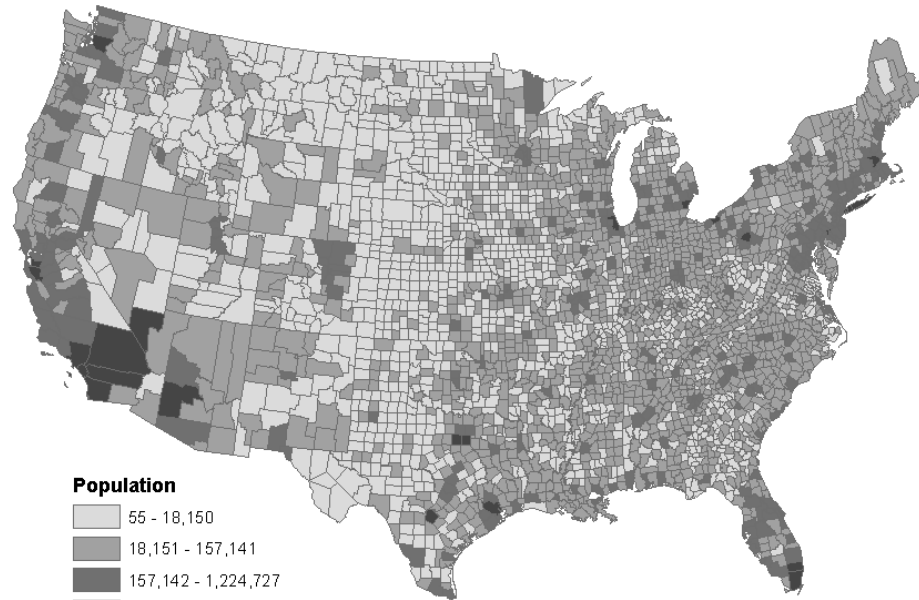
**Population**

- 55 - 2,356,250
- 2,356,251 - 4,712,444
- 4,712,445 - 7,068,639
- 7,068,640 - 9,424,833



**Population**

- 55 - 10,880
- 10,881 - 24,258
- 24,259 - 61,487
- 61,488 - 9,424,833

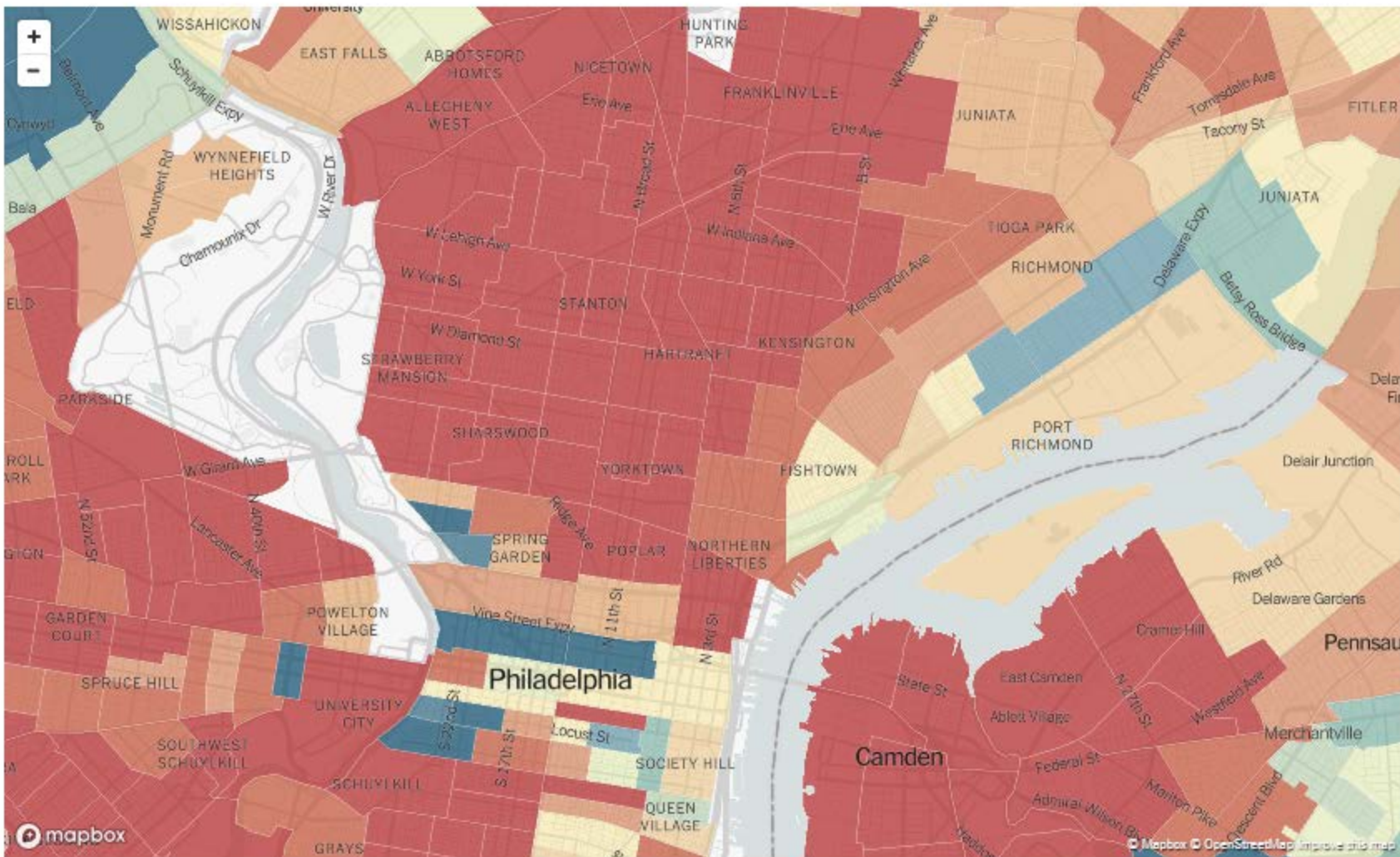


**Population**

- 55 - 18,150
- 18,151 - 157,141
- 157,142 - 1,224,727
- 1,224,728 - 9,424,833

**Data classification matters**

# Static Maps, Web maps



Lower income Higher income

Poor indicates families making about \$27,000 a year (in 2015 dollars), at the 25th percentile of the national income distribution. Adult incomes were measured when children were in their mid-30s.

Source: [The Opportunity Atlas](#)

<https://www.nytimes.com/2018/10/01/upshot/maps-neighborhoods-shape-child-poverty.html>



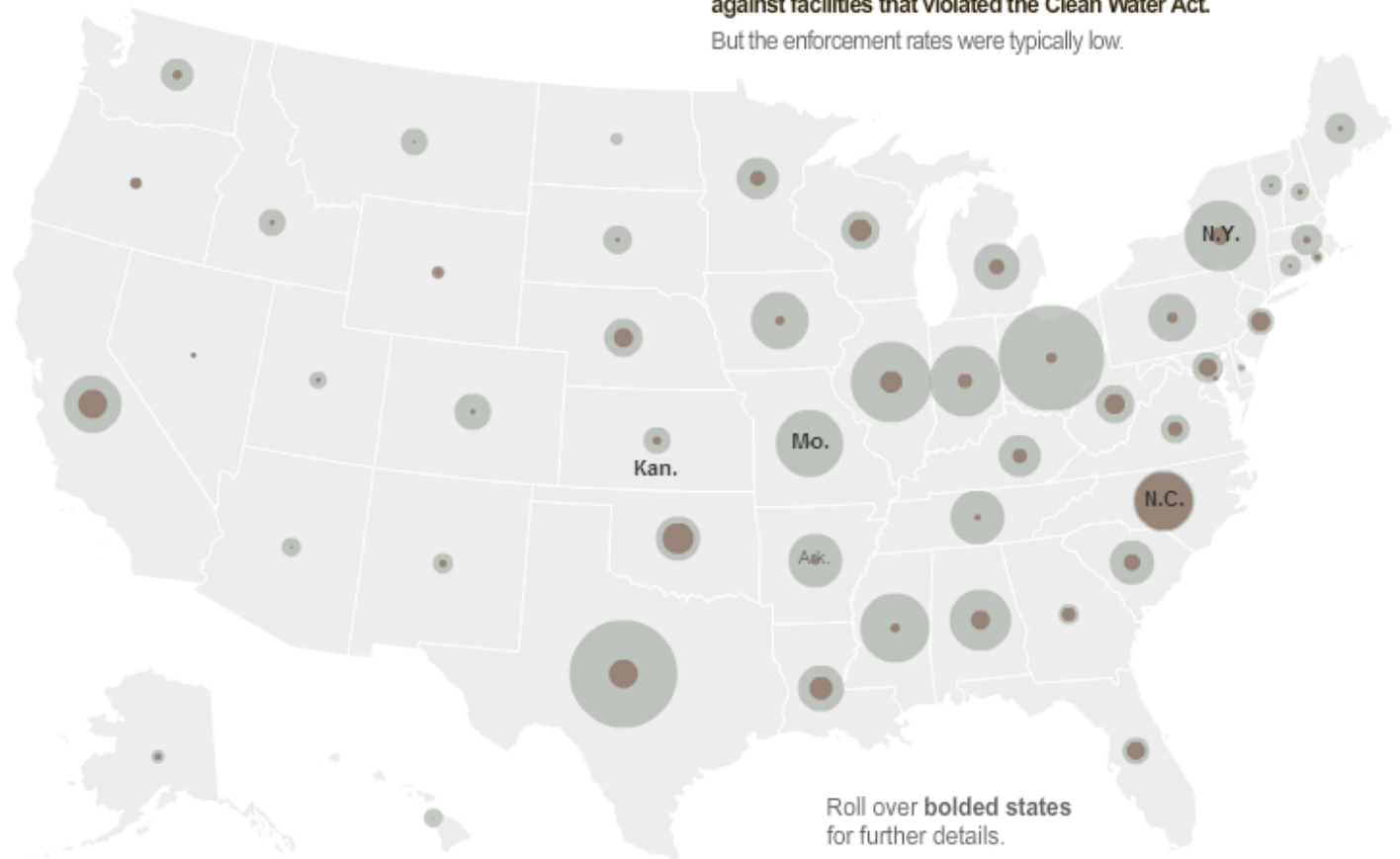
Published: September 13, 2009

## Clean Water Act Violations: The Enforcement Record

The New York Times surveyed violations of the Clean Water Act in every state. The survey found that in many states, more than 50 percent of regulated facilities violated the Clean Water Act, but enforcement actions against polluters were infrequent. | [Related Article »](#)

1 2 3 NEXT ▶

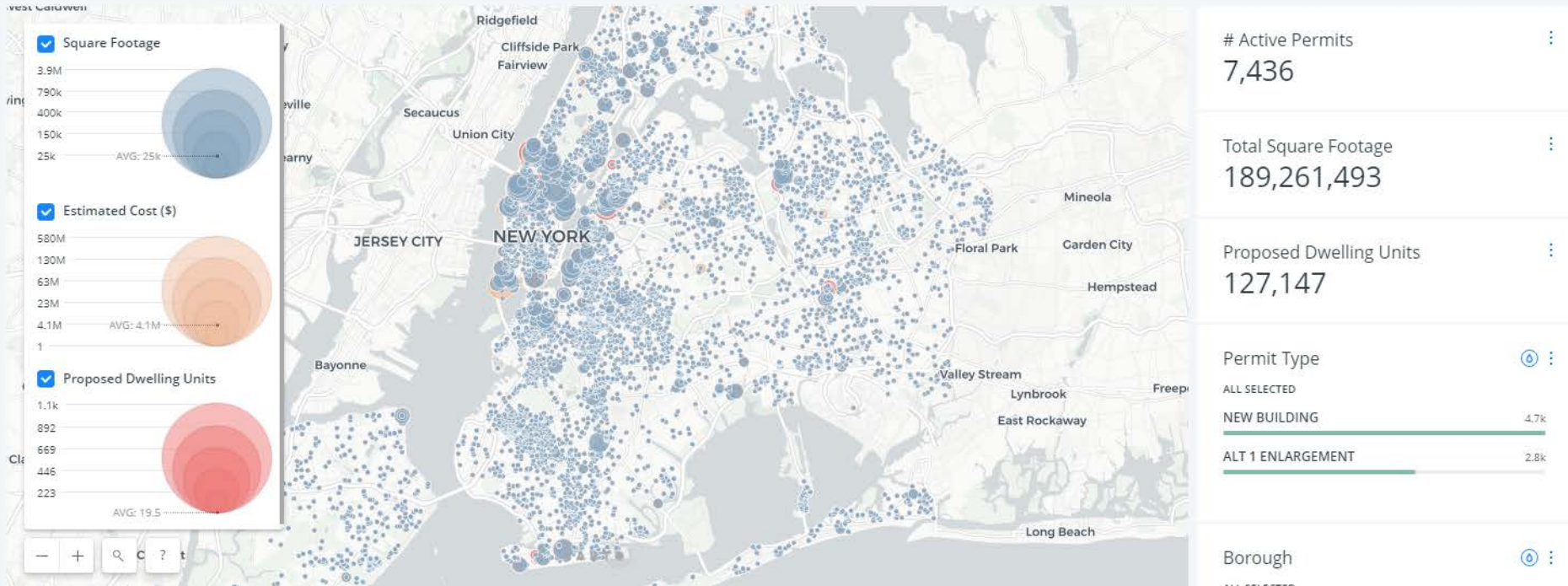
Darker circles show the enforcement actions taken against facilities that violated the Clean Water Act. But the enforcement rates were typically low.



# NYC Active Major Construction

About

updated on 10/2/2018



<https://www1.nyc.gov/assets/buildings/html/nyc-active-major-construction.html>