

GIS in gov...

Where to from here?

NATIONAL GEOSPATIAL ADVISORY COMMITTEE

SEPTEMBER 28, 2016

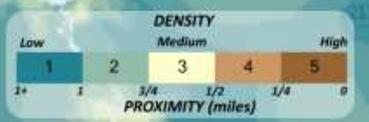
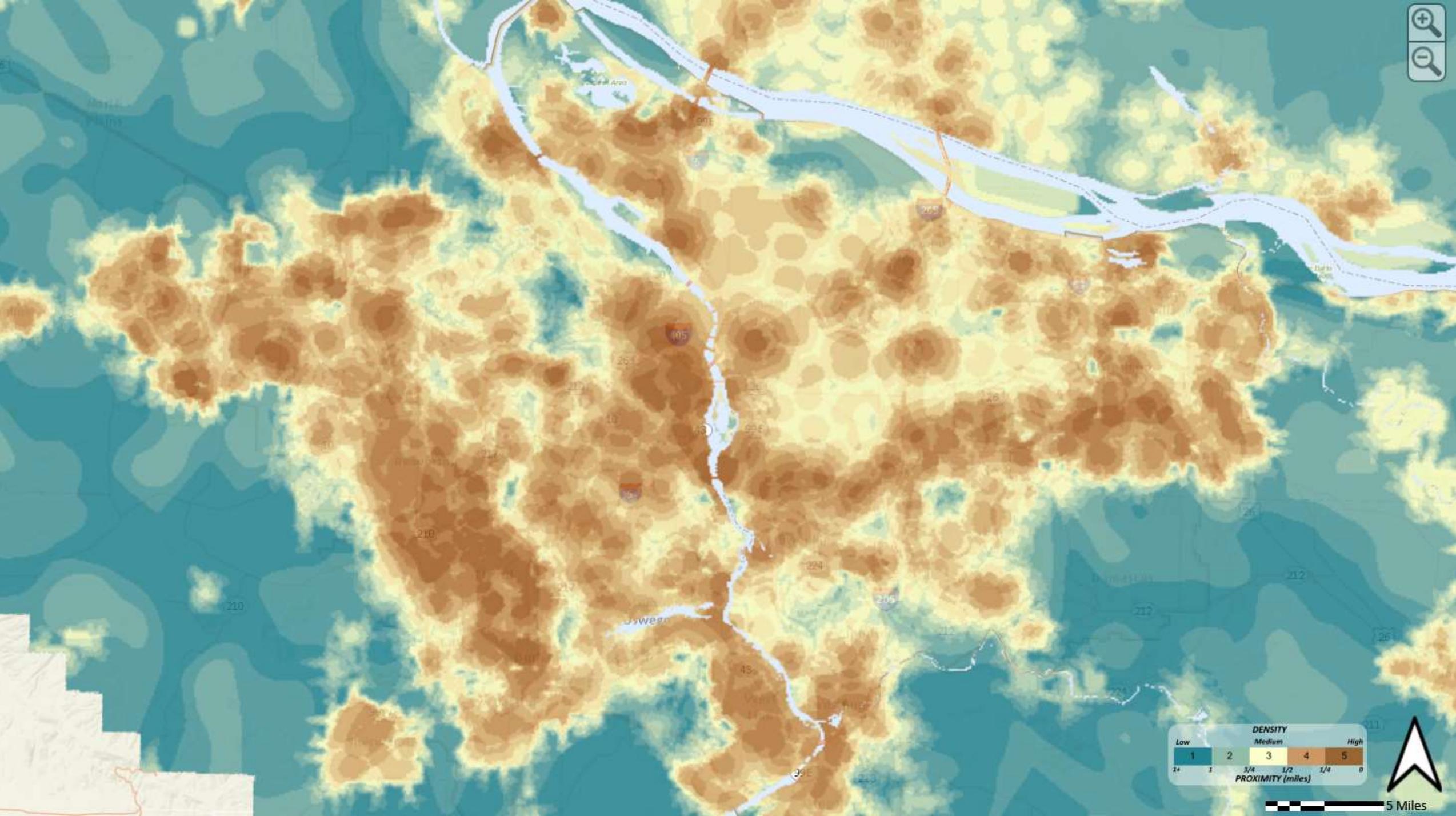
MOLLY VOGT



The First Law of Geography

Everything is related to
everything else, but...

near things are more
related than distant
things.

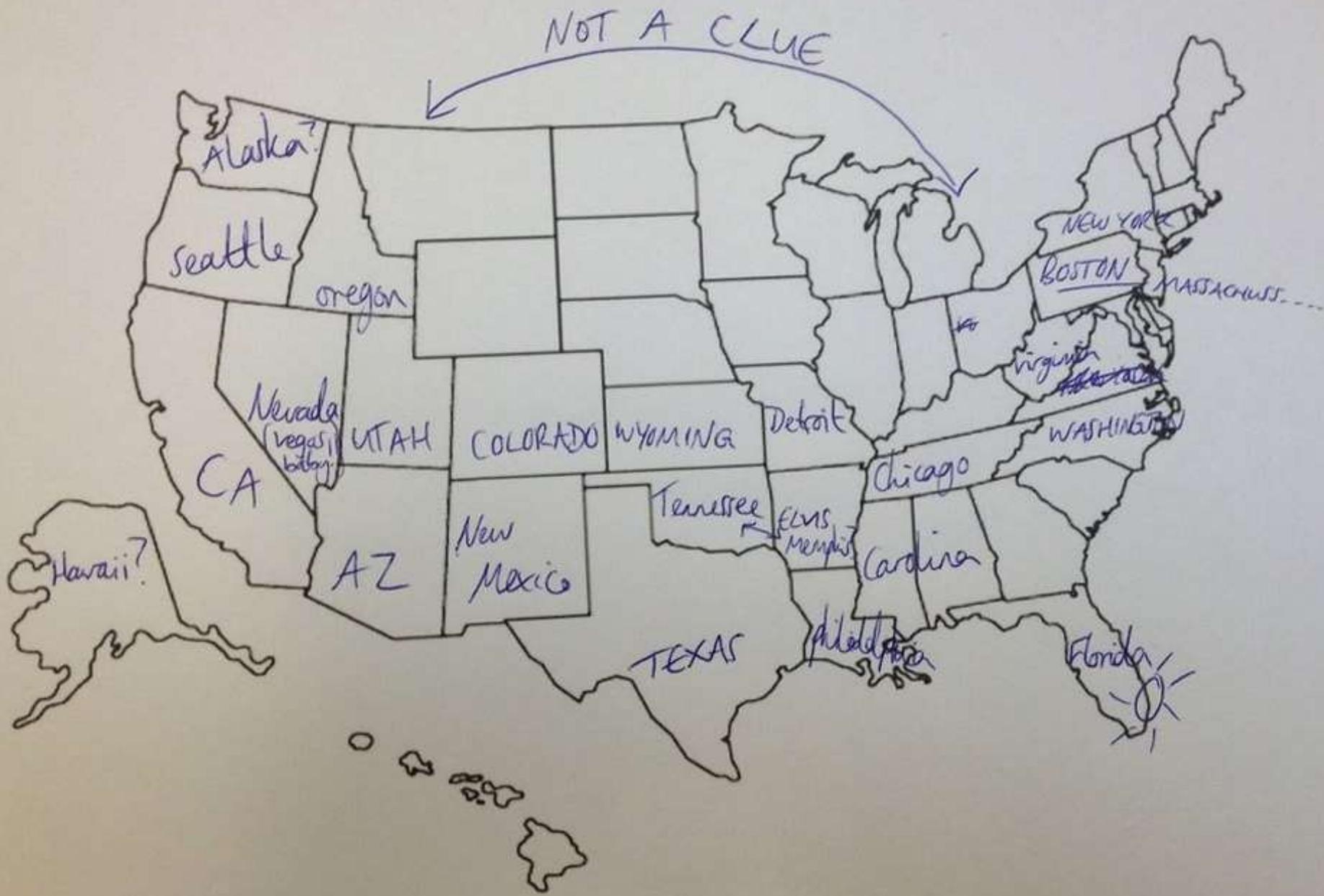


5 Miles



For some, GIS is...





GRESHAMVIEW

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Site Address

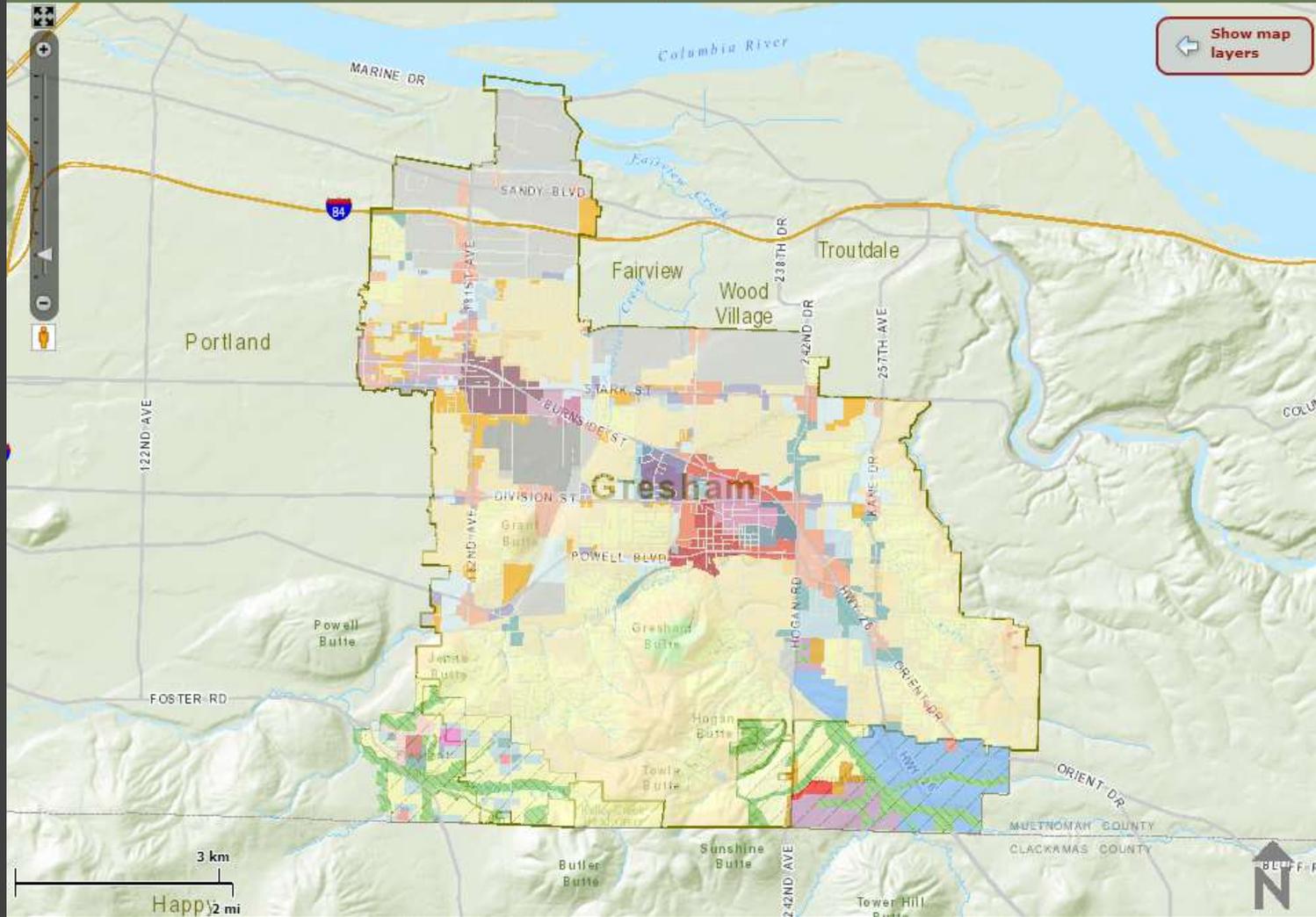
Search

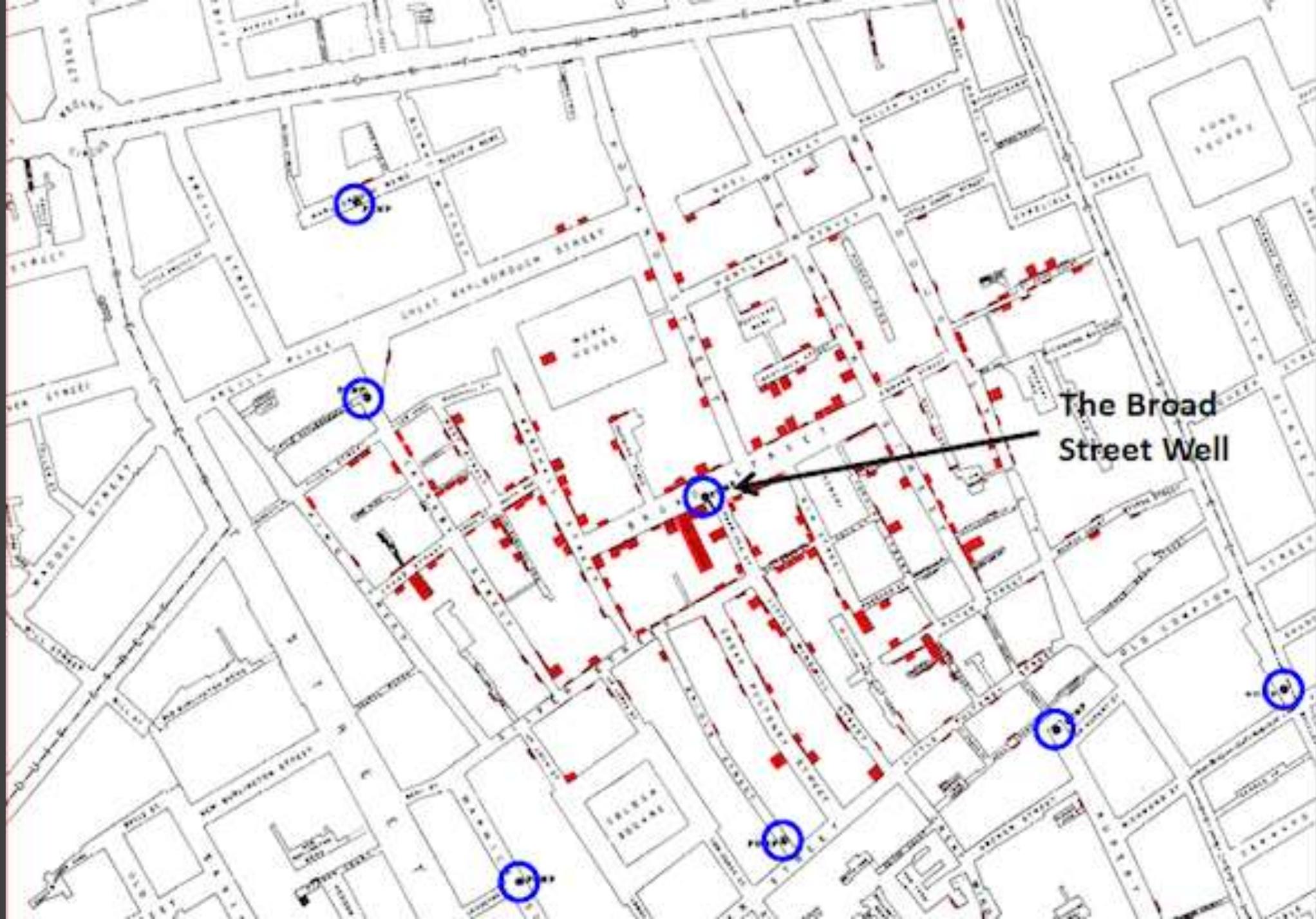
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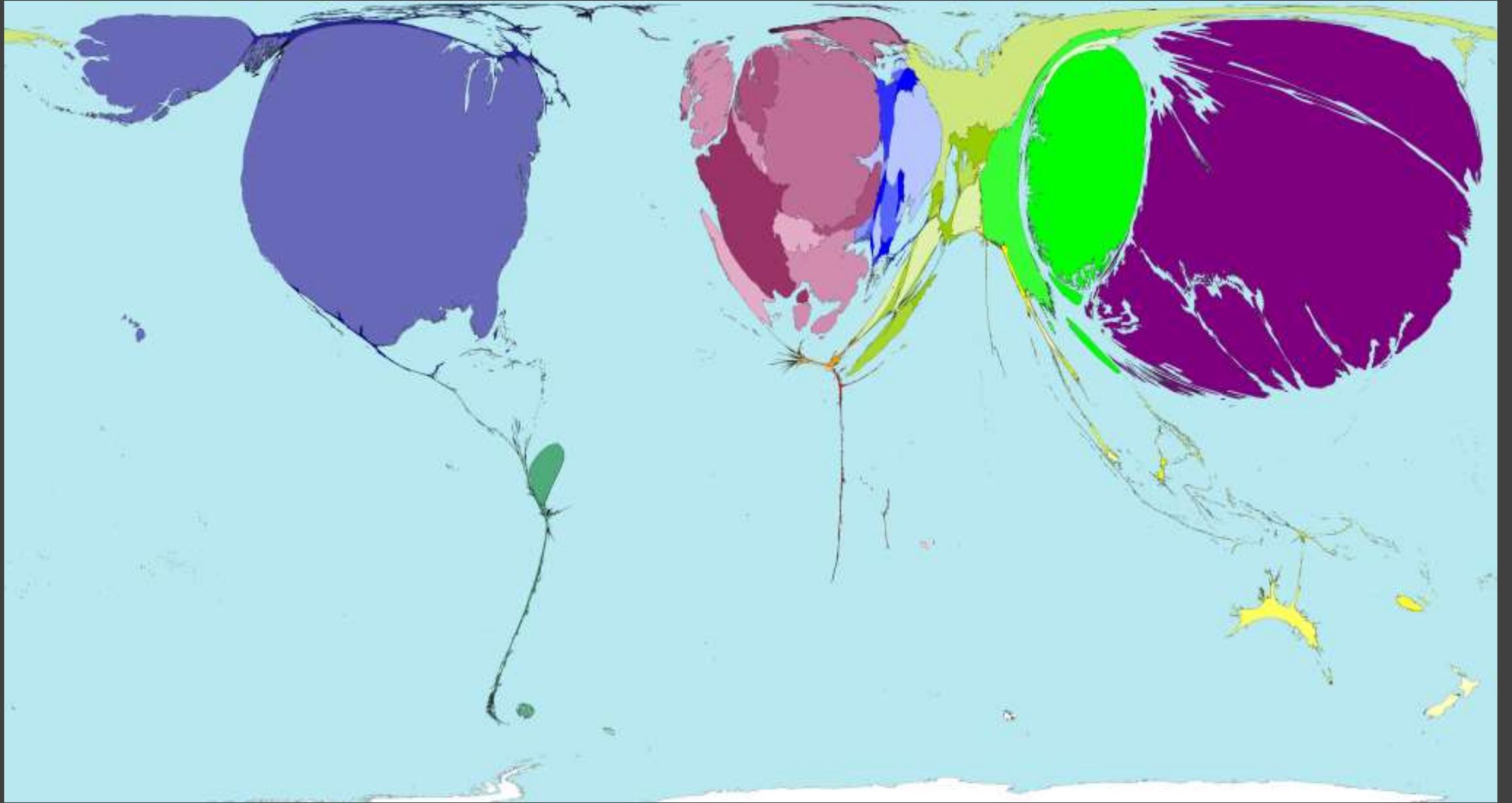
The Broad Street Well

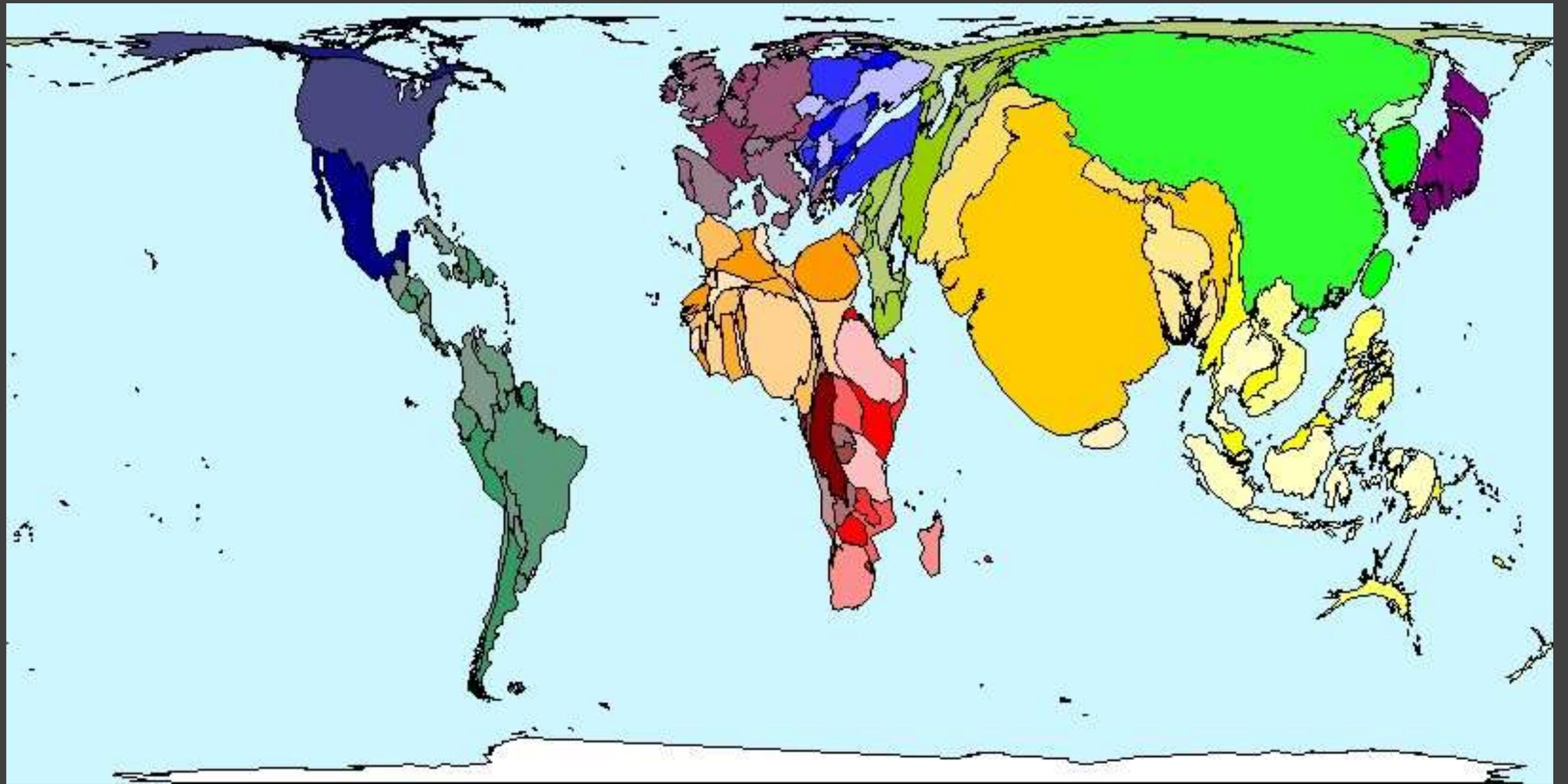
Enter What Works Cities



“What Works Cities is designed to accelerate cities’ use of data and evidence to improve people’s lives.”

- Ask good questions.



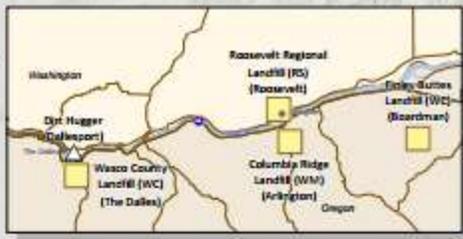
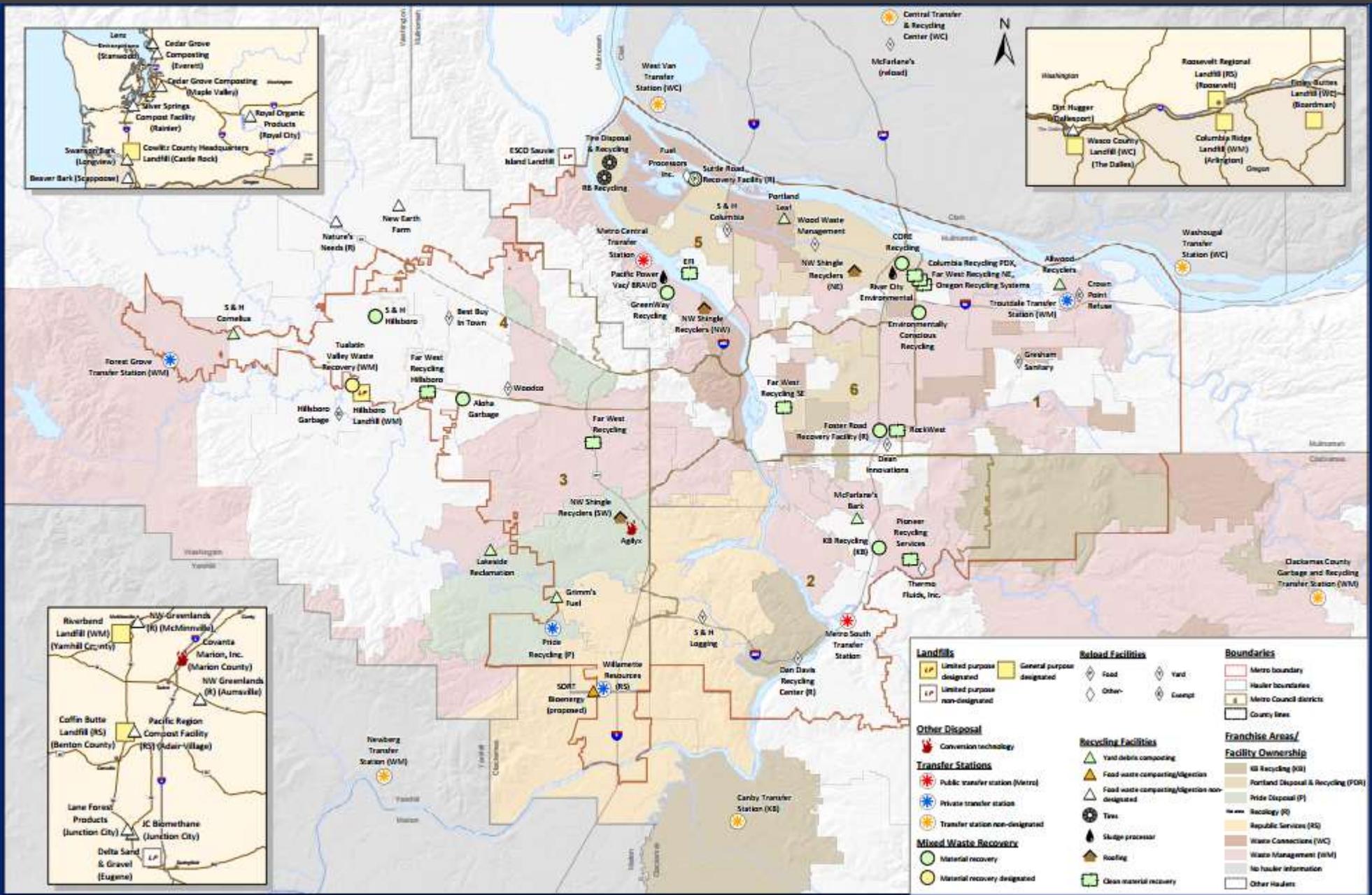




- How much will response time improve?
- Where, when, for whom?
- Are we healthier because of the QRV?
- Can we keep it?



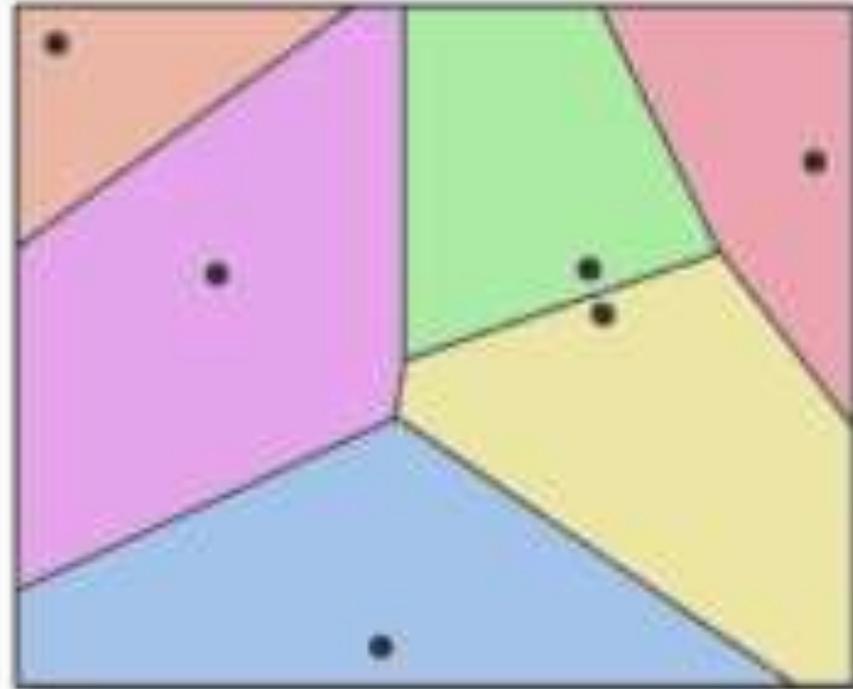




Landfills	Reload Facilities	Boundaries
<ul style="list-style-type: none"> LP Limited purpose designated LP Limited purpose non-designated 	<ul style="list-style-type: none"> Food Yard Other Compost 	<ul style="list-style-type: none"> Metro boundary Hauler boundaries Metro Council districts County lines
Other Disposal	Recycling Facilities	Franchise Areas/ Facility Ownership
<ul style="list-style-type: none"> Conversion technology 	<ul style="list-style-type: none"> Yard debris composting Food waste composting/digestion Food waste composting/digestion non-designated Tires Sludge processor Roofing Clean material recovery 	<ul style="list-style-type: none"> KB Recycling (KB) Portland Disposal & Recycling (PDR) Pride Disposal (P) Recology (R) Republic Services (RS) Waste Connections (WC) Waste Management (WM) No hauler information Other Haulers
Transfer Stations	Mixed Waste Recovery	
<ul style="list-style-type: none"> Public transfer station (Metro) Private transfer station Transfer station non-designated 	<ul style="list-style-type: none"> Material recovery Material recovery designated 	



Transfer Stations



Wastesheds?

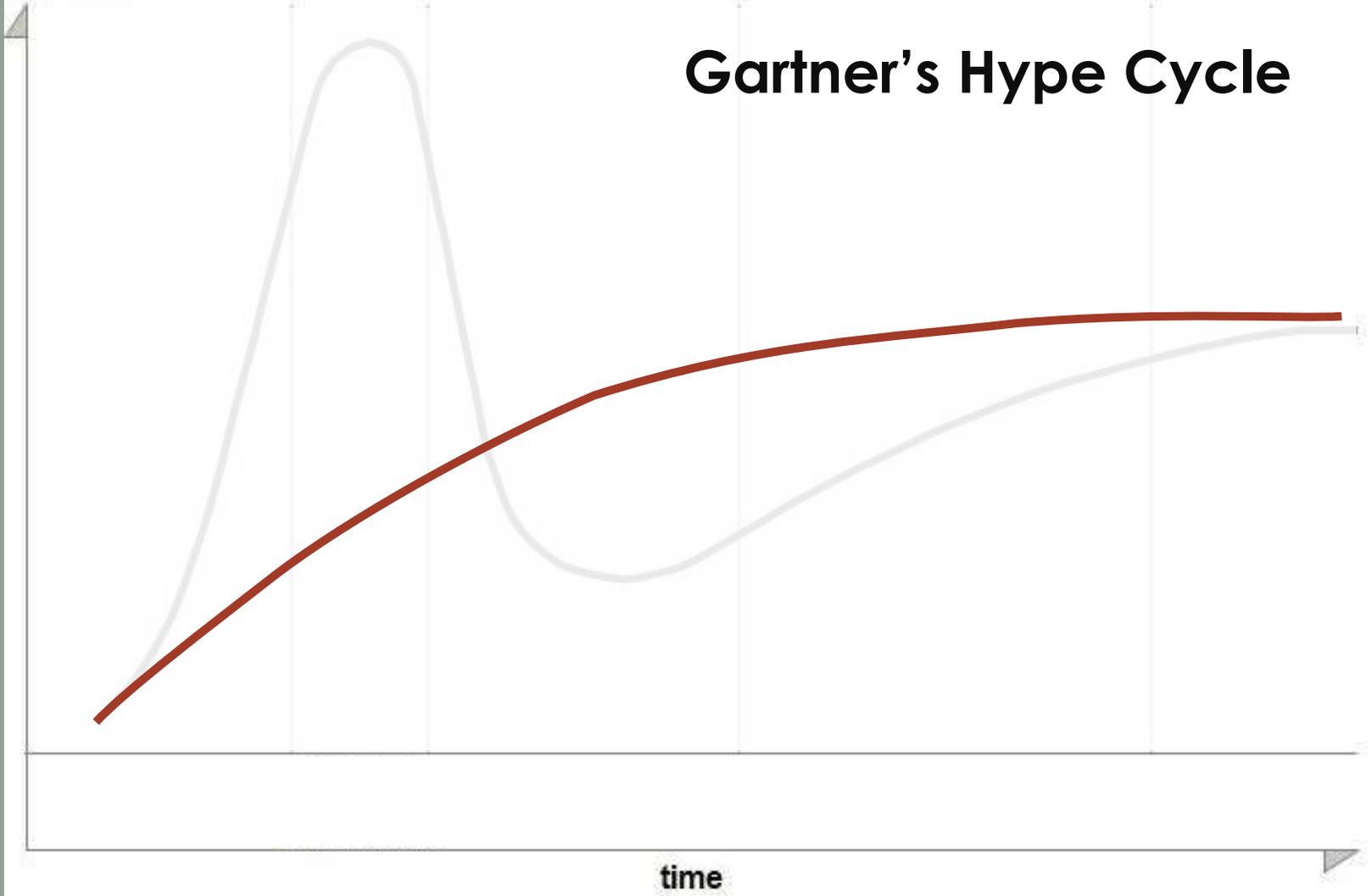
- Set reasonable expectations.

BIG DATA

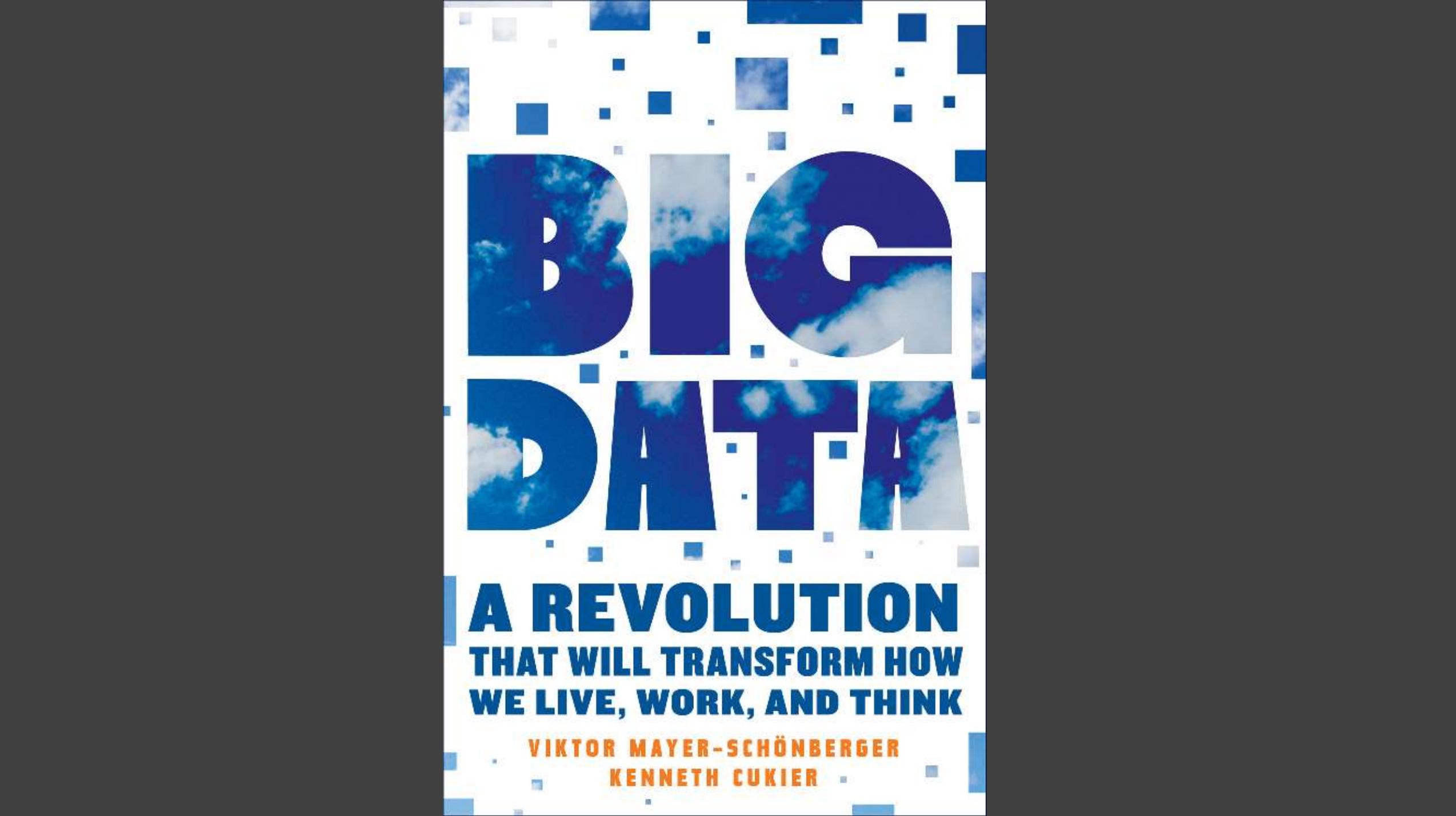
**A REVOLUTION
THAT WILL TRANSFORM HOW
WE LIVE, WORK, AND THINK**

**VIKTOR MAYER-SCHÖNBERGER
KENNETH CUKIER**

Gartner's Hype Cycle





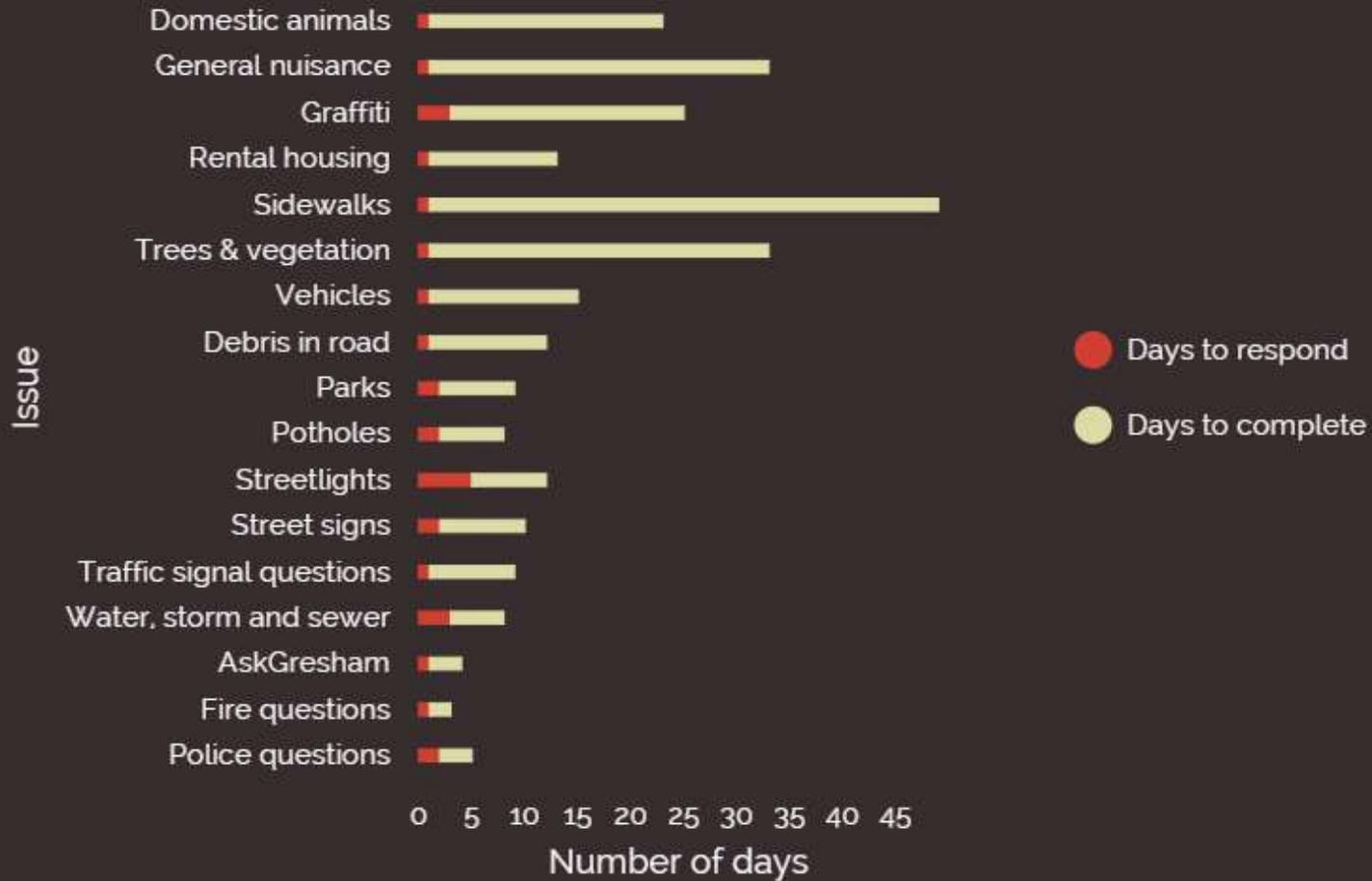


BIG DATA

**A REVOLUTION
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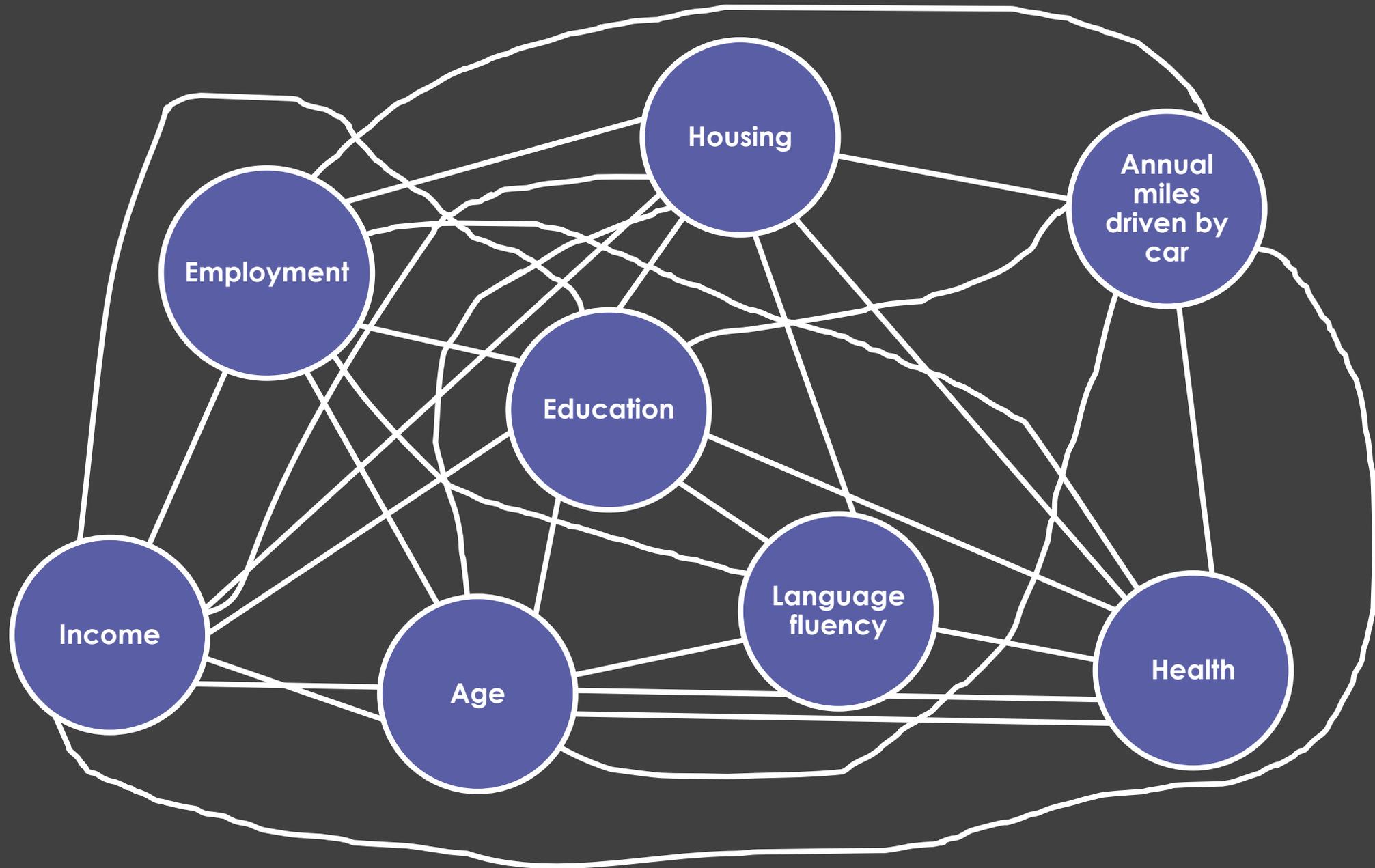
**VIKTOR MAYER-SCHÖNBERGER
KENNETH CUKIER**

My Gresham Response and Completion Time



Everything is related to
everything else, but...

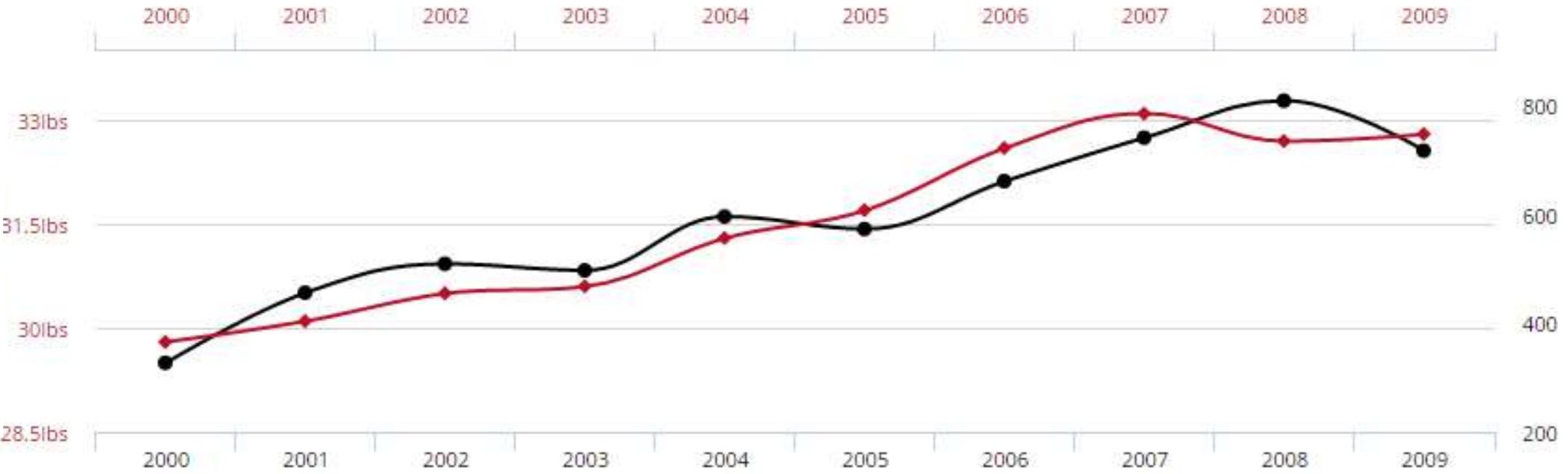
near things are more
related than distant
things.



Per capita cheese consumption correlates with



Correlation: 94.71% (r=0.947091)



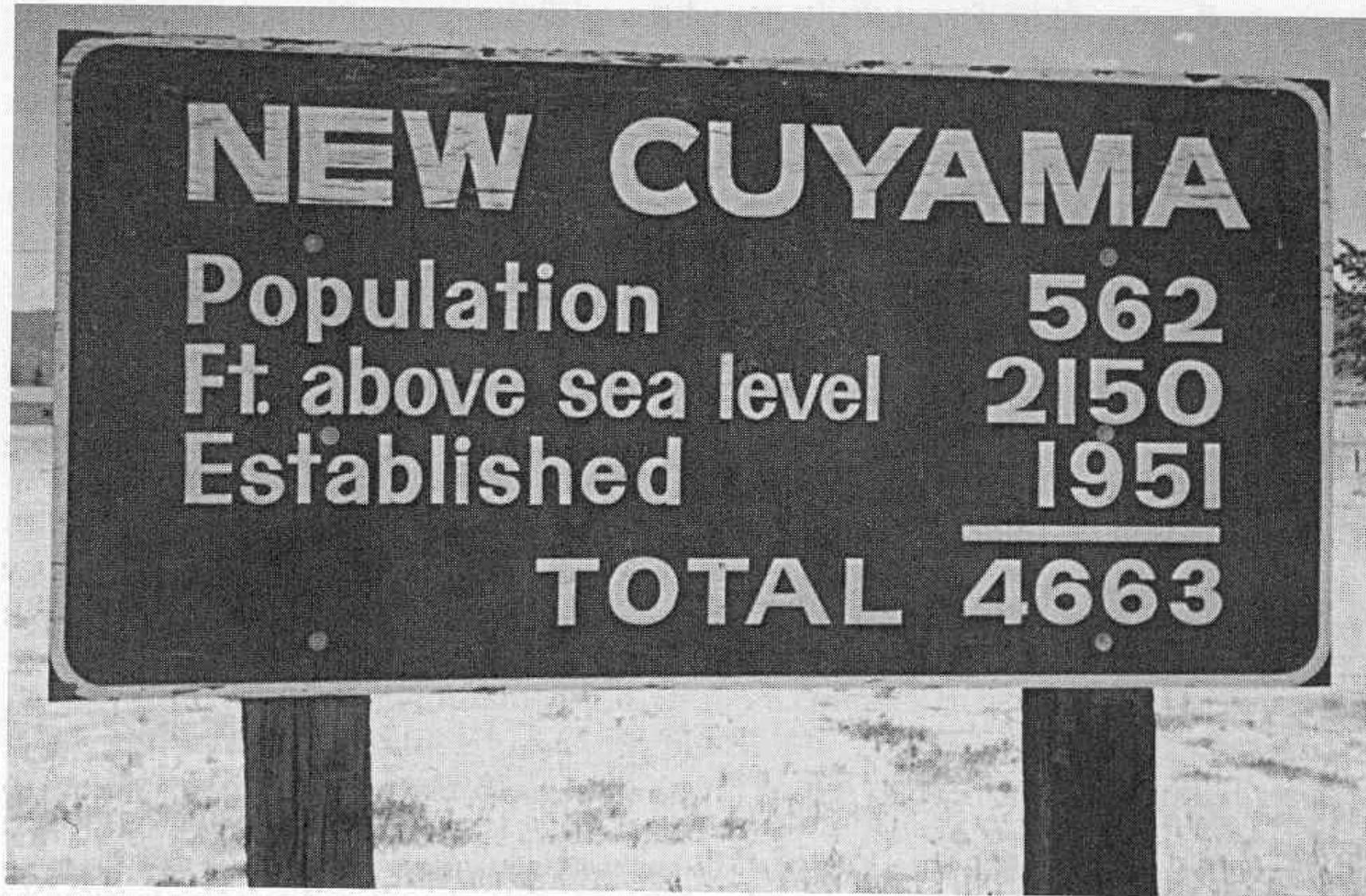


Figure 1-8: Sign posted at the entry to New Cuyama, California.

Coalition for a Livable Future - Equity Atlas 2.0

- File
- Export
- Locate
- Options
- Indicators
- Tables and Charts
- Windows
- Help

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Analysis Units

- 2010 Census Tracts

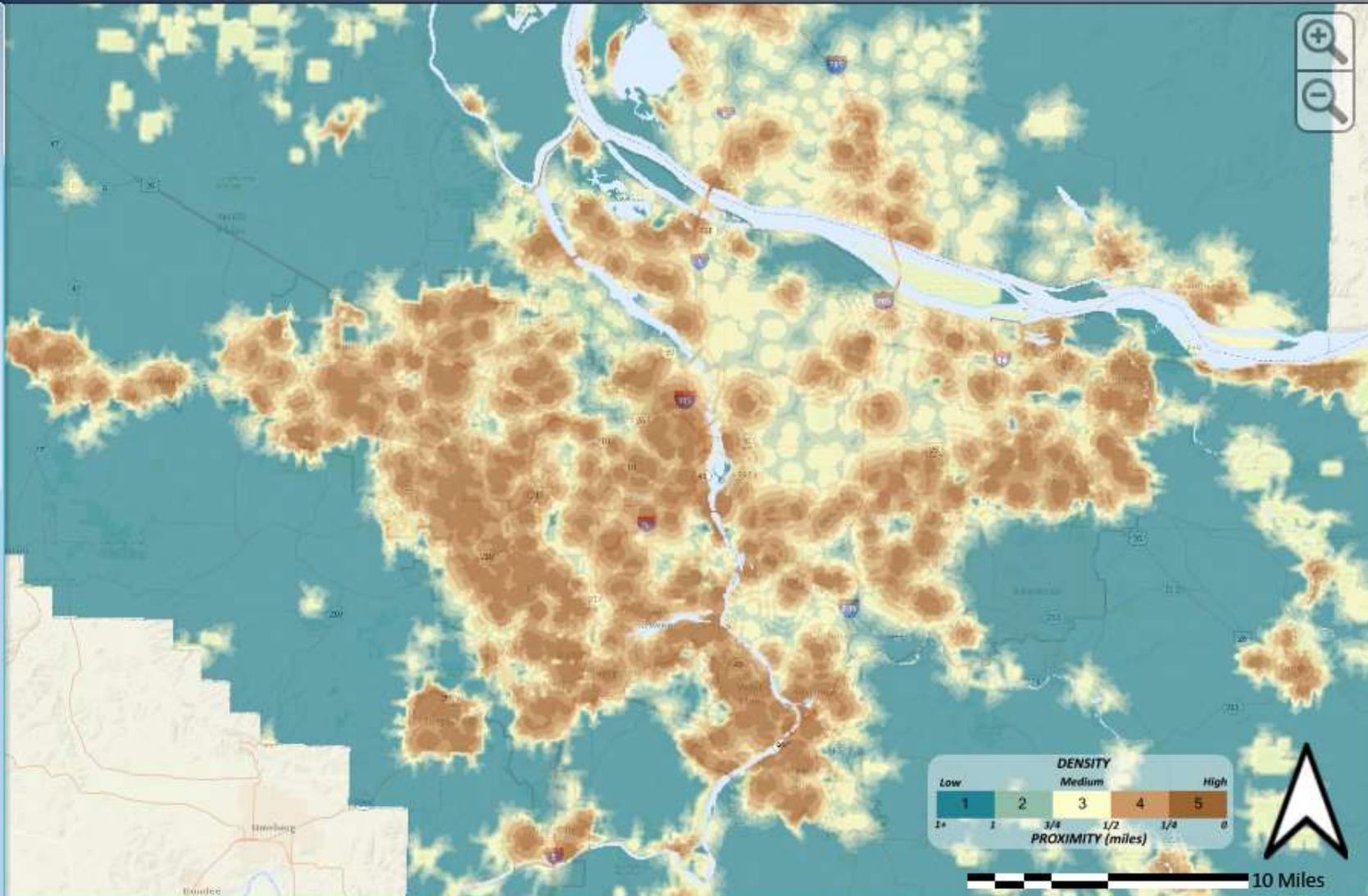
Indicators

- Proximity to Publicly Accessible Parks
- Proximity to Publicly Accessible Natural Areas

Map Layers

- Oregon Metro Regional Basemap

Opacity



~~STUPID~~



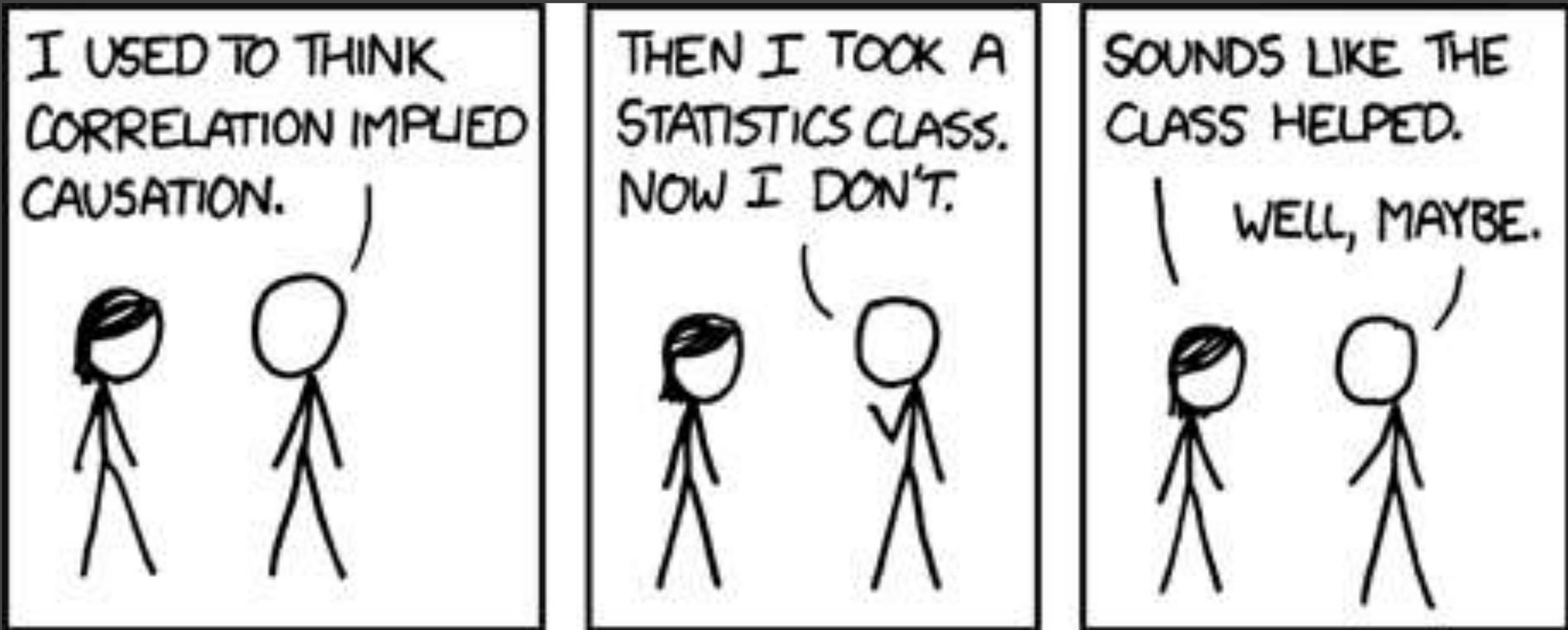
- Try. Learn. Improve.

Evidence-based decisions



REPLY
HAZY. TRY
AGAIN LATER.

- Ask good questions.
- Set reasonable expectations.
- Try. Learn. Improve.



COMMENTS & QUESTIONS?



HIGH STANDARD OF LIVING

MERRY

OLD

ENGLAND

IRELAND

FRENCH FRIES

GERMANY

POLAND, MAYBE

LATVIA/ESTONIA

GOOD GYMNASTS

RUSSIA

KAMCHATKA!

LE FRANCE

SWITZ.

I

AM

VERY

SORRY

YOU

ARE

ALL

GREAT

RAFA NADAL?

PORTUGAL

SPAIN

ITALY

TOMATOES

GREECE (!?)