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**THE PAPER**

**WARNING:**  
**THIS PRESENTATION IS FULL**  
**OF OBSCENITIES.**  
**IT ACCURATELY REPRESENTS**  
**THE LANGUAGE HEARD IN**  
**THE AVERAGE NEWSROOM.**



**Gideon Lichfield** ✓

@glichsfield



 Follow

Journalism comes in three kinds: "no shit," "oh, shit," and "holy shit." You want to be doing "holy shit." Like this. [wapo.st/1kGTeYR](http://wapo.st/1kGTeYR)



RETWEETS

**153**

FAVORITES

**94**



12:26 PM - 8 Apr 2014

NO SHIT JOURNALISM

Readers recognize them and will  
call them out.



**MaydnUSA** @MaydnUSA · Apr 23

**No shit, Sherlock!** "GOP Lawmakers On Keeping Campaign Promises: "To Date, We Haven't" [cnsnews.com/news/article/p...](https://cnsnews.com/news/article/p...) #Lynch

16 8

[View photo](#)



**David Scott Aubrey** @davidakaclean · Apr 12

"Wealthier Australians are more likely to support a GST hike than those on lower incomes" [smh.com.au/federal-politi...](https://smh.com.au/federal-politi...) **No Shit?** #auspol

2

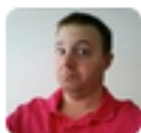
[View summary](#)



**Paul** @Checkalakh · 21h

Today's **No Shit Sherlock news story** - BBC News - Michael Gove: Justice system fails society's poorest [bbc.co.uk/news/uk-politi...](https://bbc.co.uk/news/uk-politi...)

[View summary](#)



**Justin Huebner** @JustinRH83 · 22 Jan 2013

**No shit** @DougC81 "@NFL\_ATL: Dolphins GM: We need to get more talent around QB Ryan Tannehill. [nfl.com/news/story/0ap...](https://nfl.com/news/story/0ap...)"



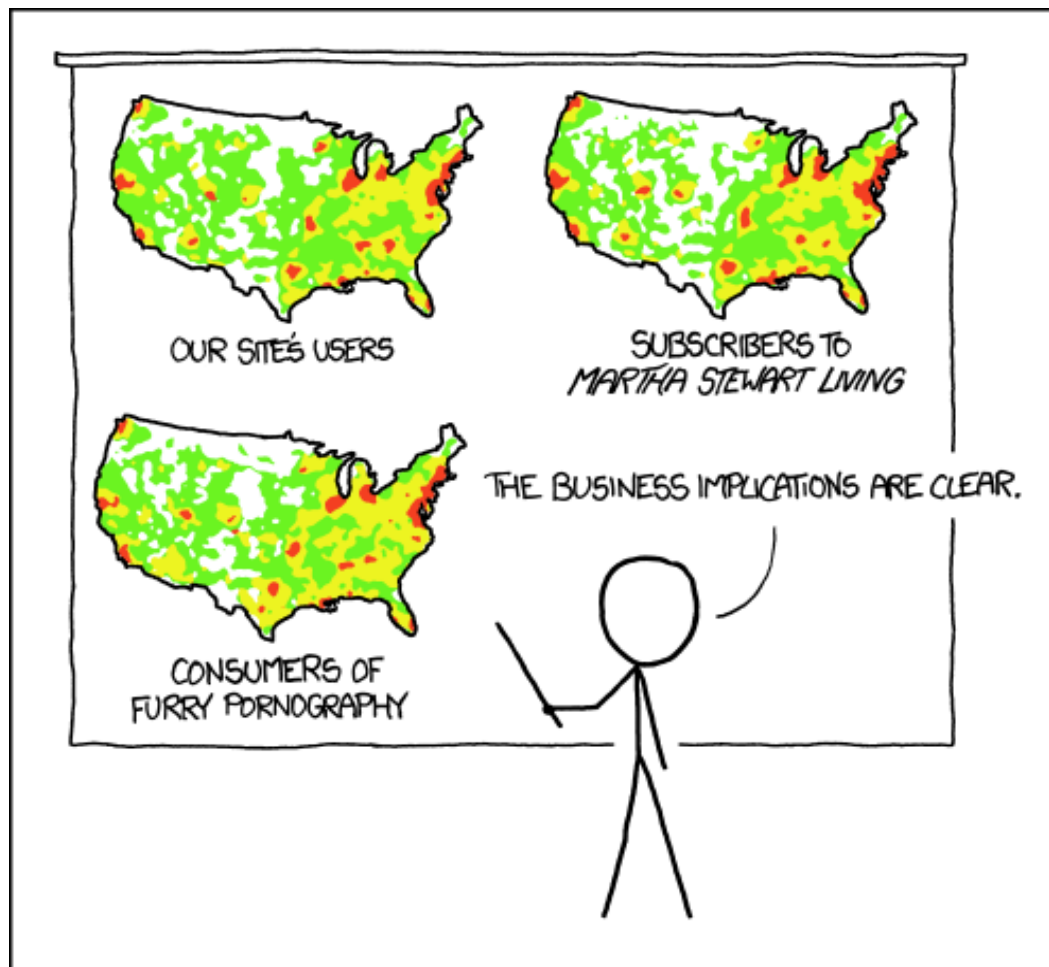
**Zhen** @ZhenYaoYin · 20 Sep 2012

**No shit, Sherlock!** RT @staronline: Bosses would rather hire grads who can converse well in English [bit.ly/S5ZI8r](https://bit.ly/S5ZI8r)

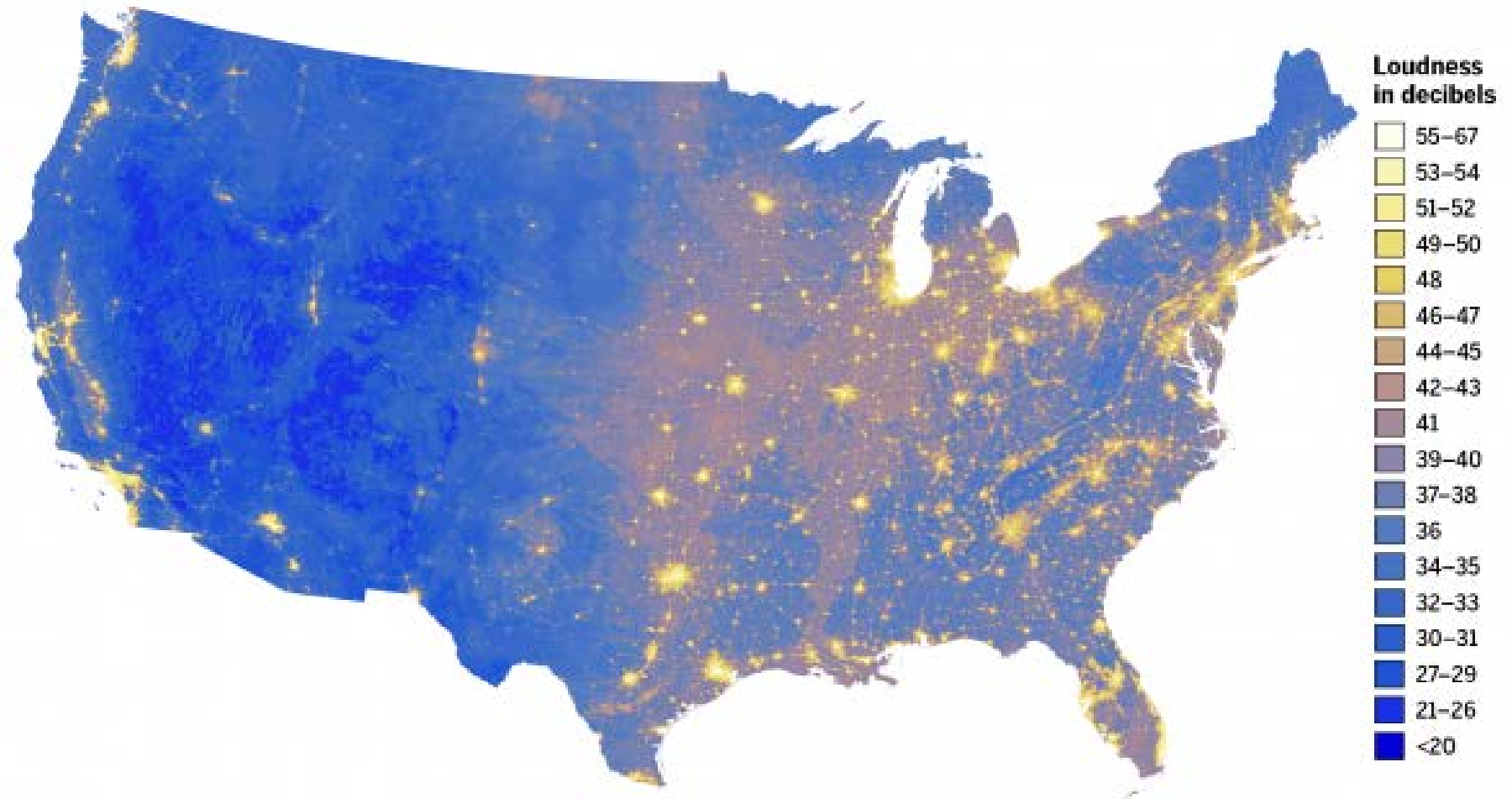
5 1

It's not just news reports.

Maps can be "no shit", too.

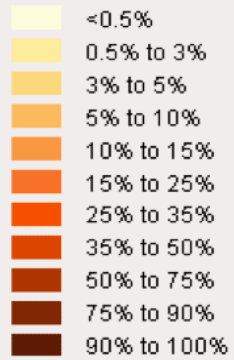


PET PEEVE #208:  
GEOGRAPHIC PROFILE MAPS WHICH ARE  
BASICALLY JUST POPULATION MAPS

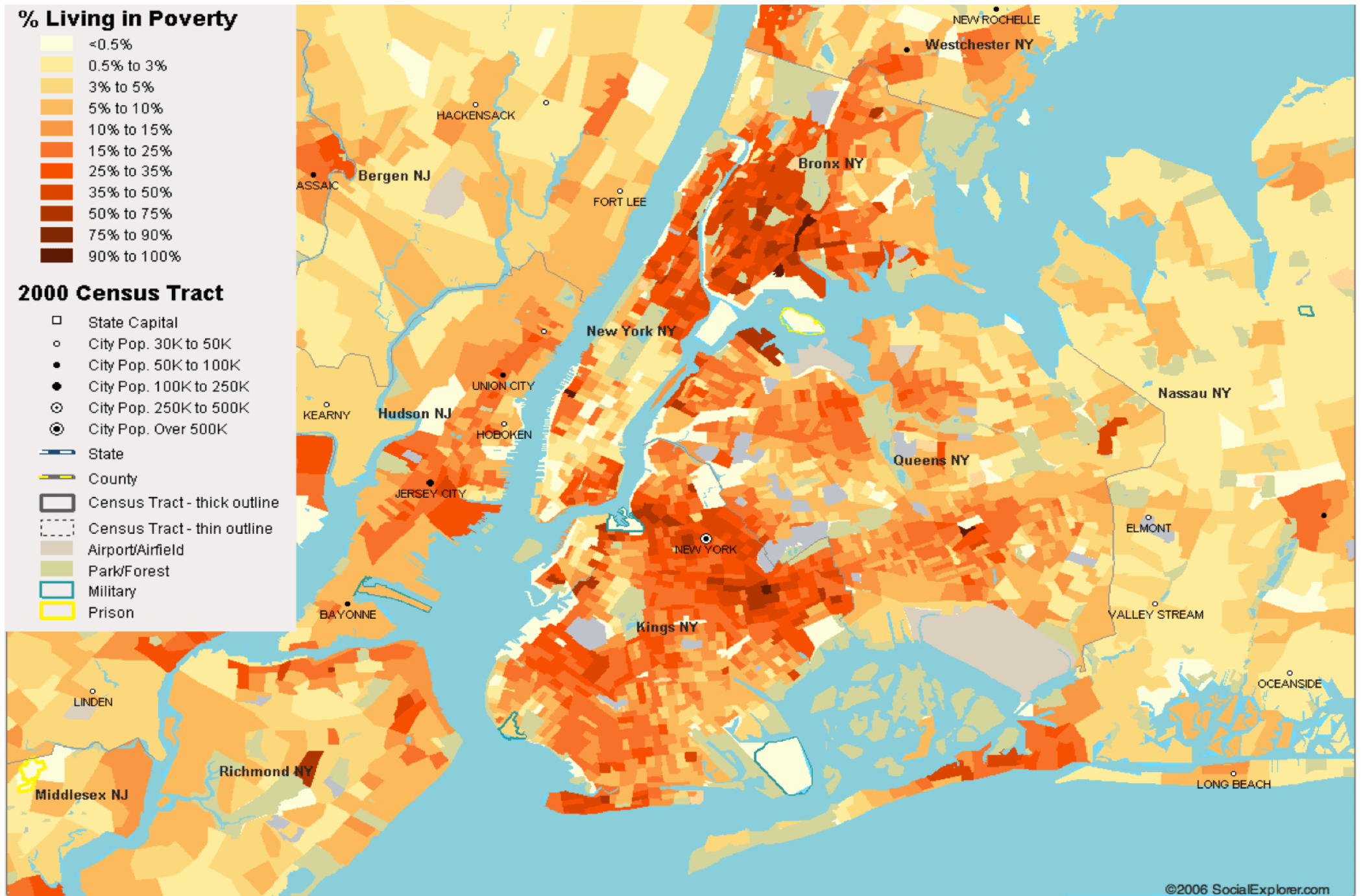
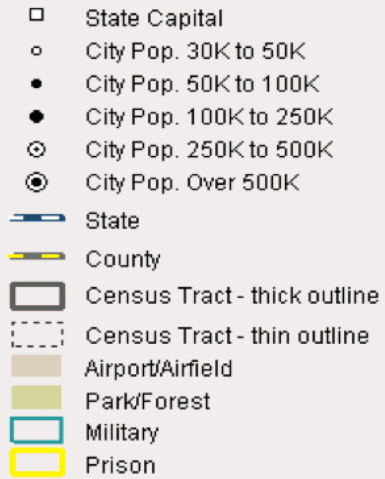


US noise map found on [reddit.com/r/MapPorn](https://www.reddit.com/r/MapPorn)  
No attribution

## % Living in Poverty



## 2000 Census Tract





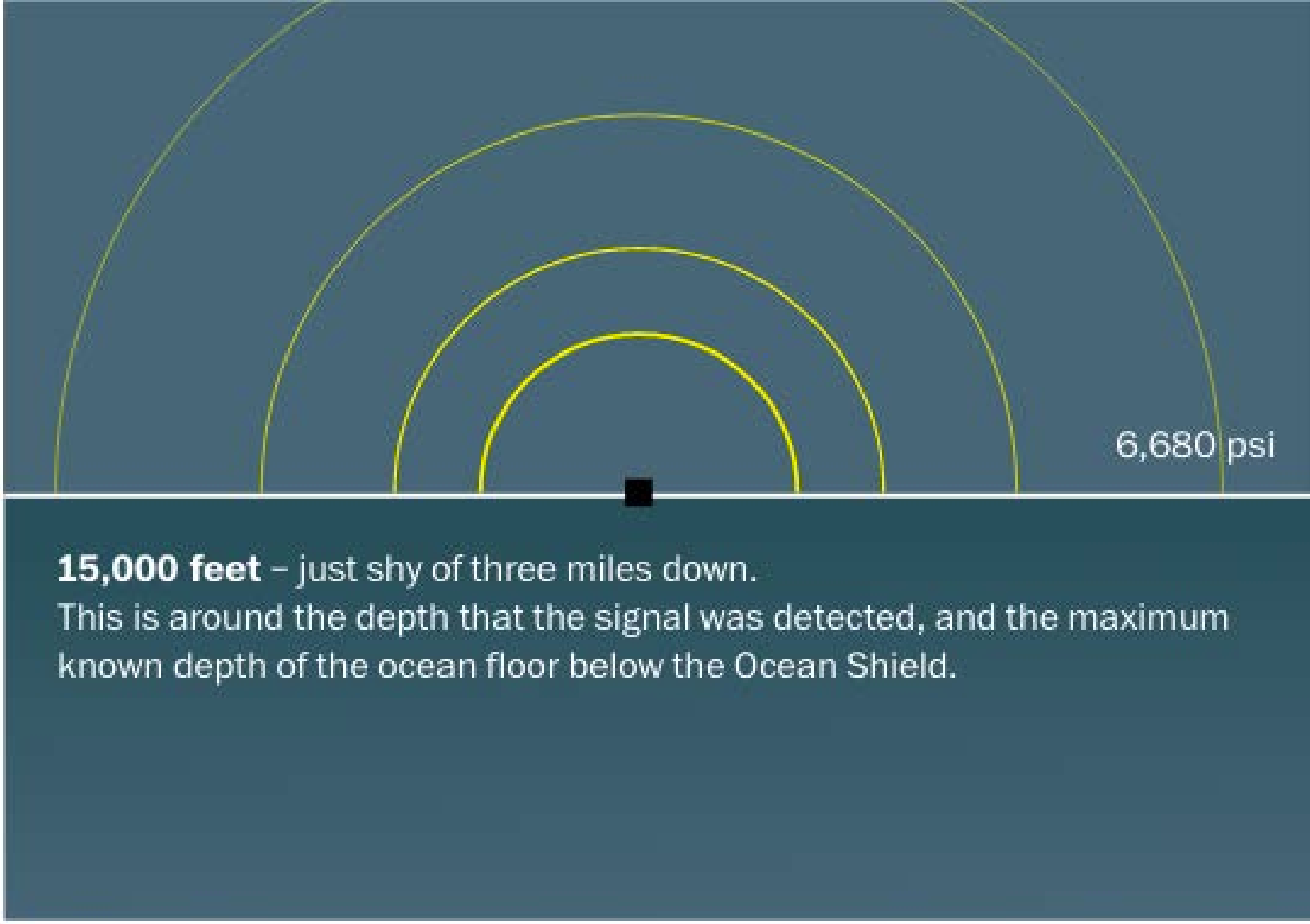
And now for some holy shit

200 feet- the width  
of a Boeing 777-200.



22 feet- the draft of the Australian  
offshore support vessel Ocean  
Shield, now searching for the black  
box. It is 347 long.

15,516 pixels deep  
1 pixel per foot



**Company value**  
In billions of today's dollars

## The Tech I.P.O.'s

Since 1980, there have been about 2,400 technology, Internet and telecom initial public offerings. Until this week, the largest by market capitalization was Google, which was valued at \$23 billion, or about \$28 billion in today's dollars.

Google went public in 2004

25 —

20 —

15 —

10 —

5 —

0 —

Apple went public in 1980

Microsoft

**Year of I.P.O.**

1980

1985

1990

1995

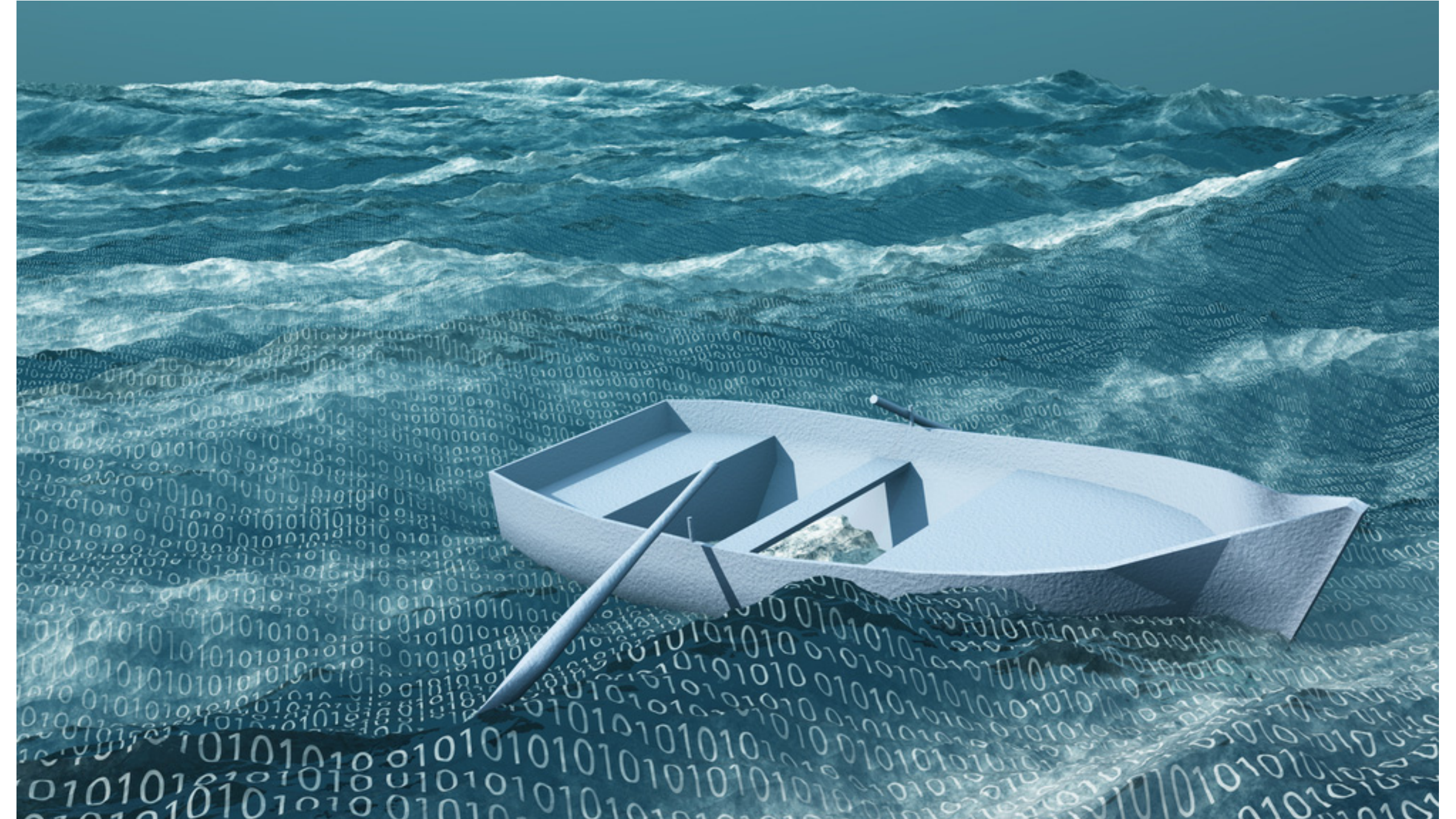
2000

2005

2010

They're visual.

They convey a lot of information  
in little space.



# Coffee & Empathy: Why data without a soul is meaningless

by [Om Malik](#) MAR. 26, 2013 - 8:32 AM PDT

[Home](#) » [Featured](#) » [Data Science - It's in the Storytelling](#)

## Data Science – It's in the Storytelling

 September 24, 2013 by [Daniel Gutierrez](#)  [Leave a Comment](#)

« [Data Science – Organisational Impact](#)

### Storytelling in Data Science

 [Advanced analytics](#), [Business intelligence](#), [Data science](#)

## Weekend Reads: Data Science Needs Storytellers + The Quality vs. Quantity Debate

By [Stacey Harnish-Zinck](#) | Sep 28, 2013 [Follow](#) [93 followers](#)

## A Data Scientist's Real Job: Storytelling

by [Jeff Bladt](#) and [Bob Filbin](#) | 2:00 PM March 27, 2013

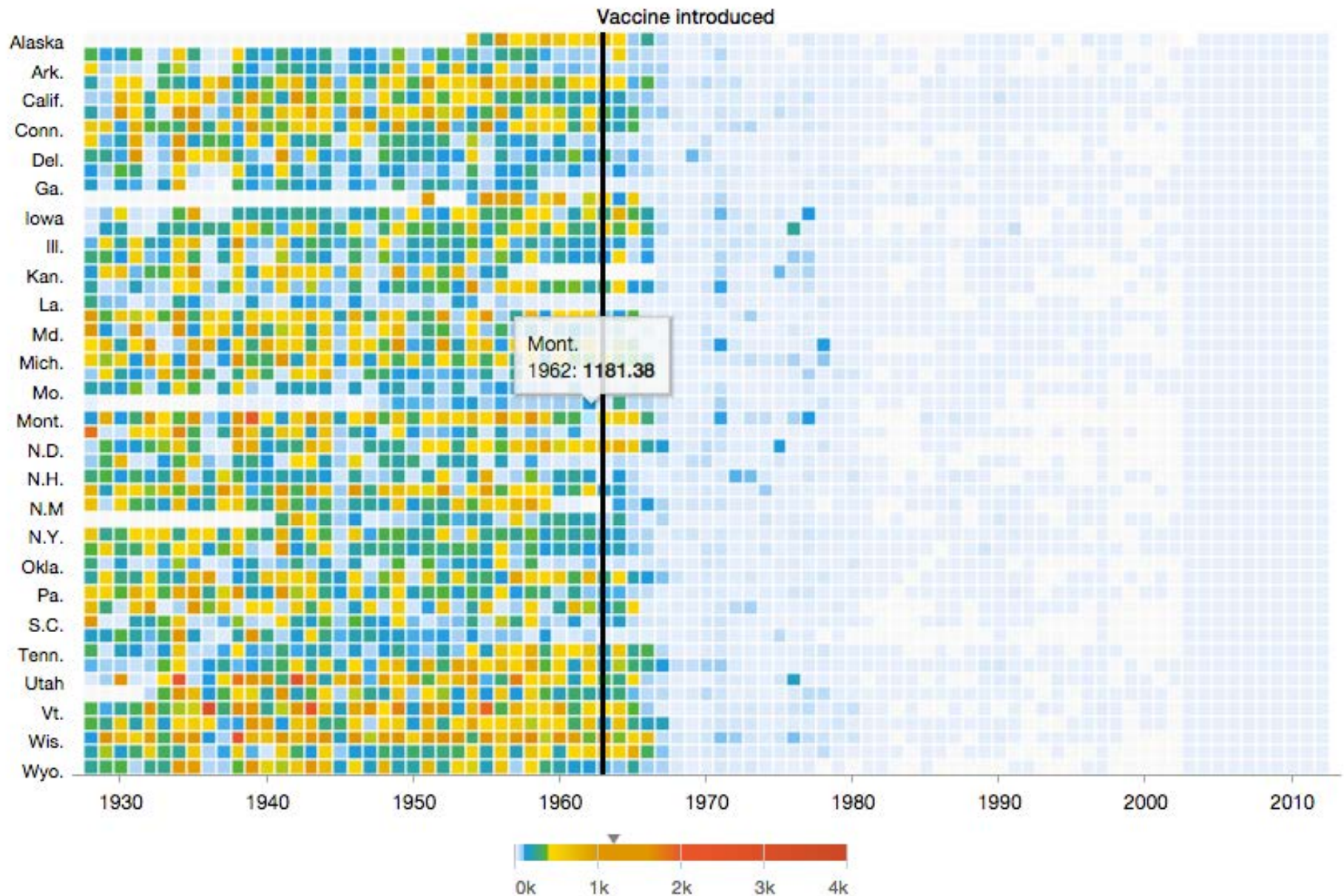
INTERVIEW

## Data visualisation success hinges on solid storytelling skills

[Brian McKenna](#), News and Site Editor



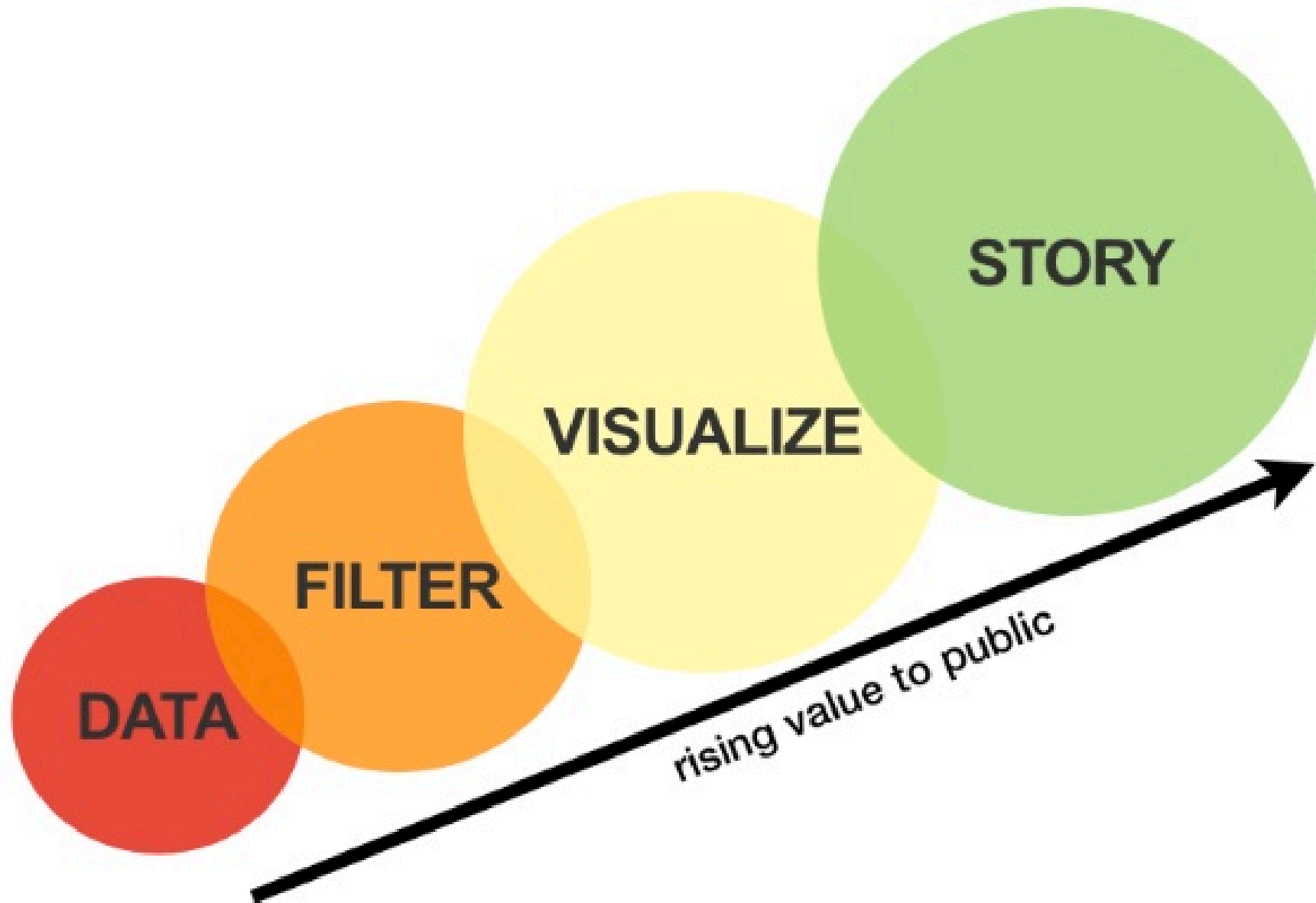
# Measles



<http://graphics.wsj.com/infectious-diseases-and-vaccines/>



# DATA-DRIVEN JOURNALISM = PROCESS



## Company value

In billions of today's dollars

## The Tech I.P.O.'s

Since 1980, there have been about 2,400 technology, Internet and telecom initial public offerings. Until this week, the largest by market capitalization was Google, which was valued at \$23 billion, or about \$28 billion in today's dollars.

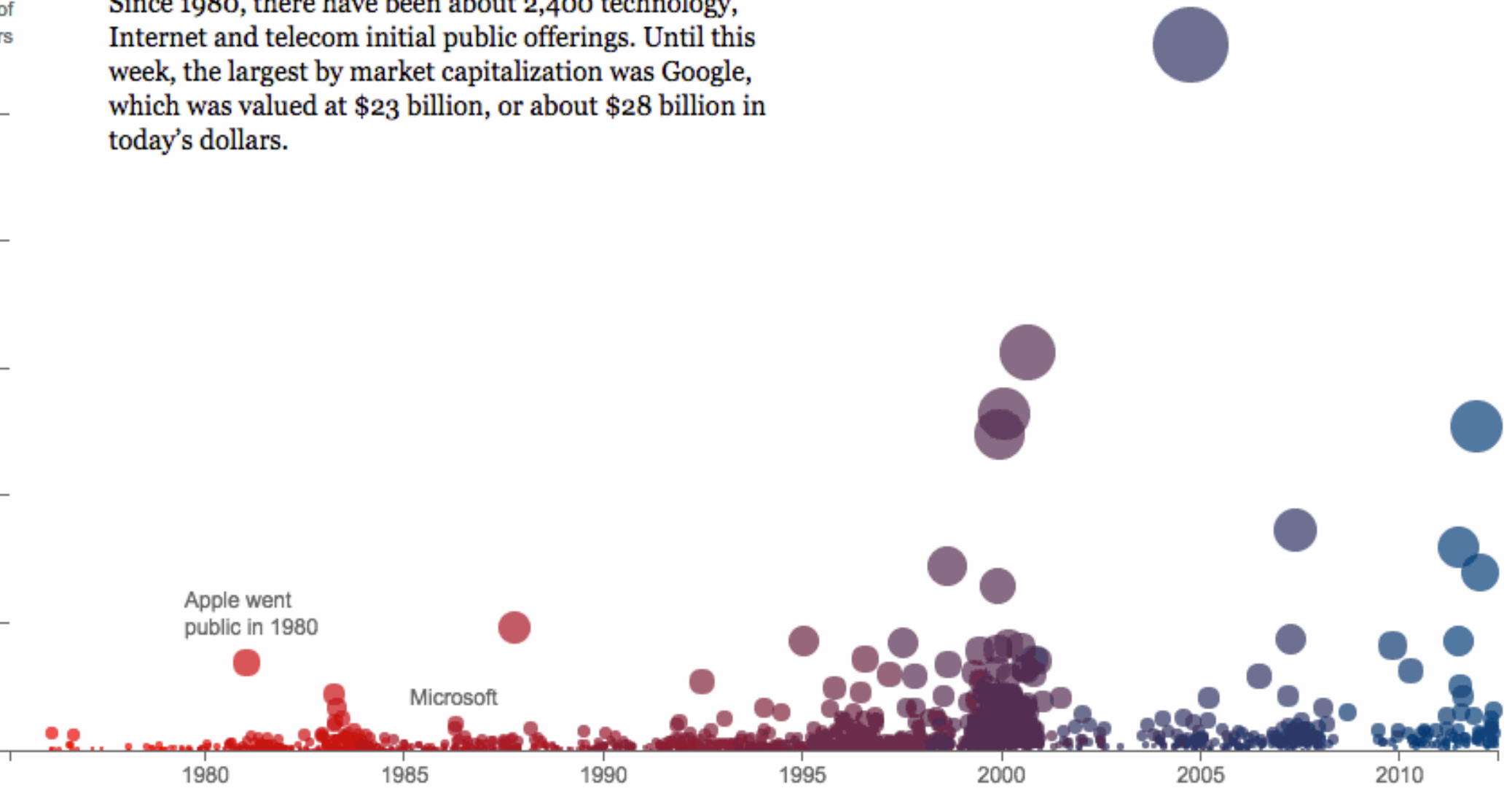
Google went public in 2004



Year of I.P.O.

Apple went public in 1980

Microsoft



$$H_s = i / s$$

$H_s$  = Holy shit factor

$i$  = amount of new information

$s$  = space used to display that information

## Officer-Involved Shootings in the Los Angeles Area

View a heat map of where shootings have occurred from 2009 to 2014.

### Does Ethnicity Matter?

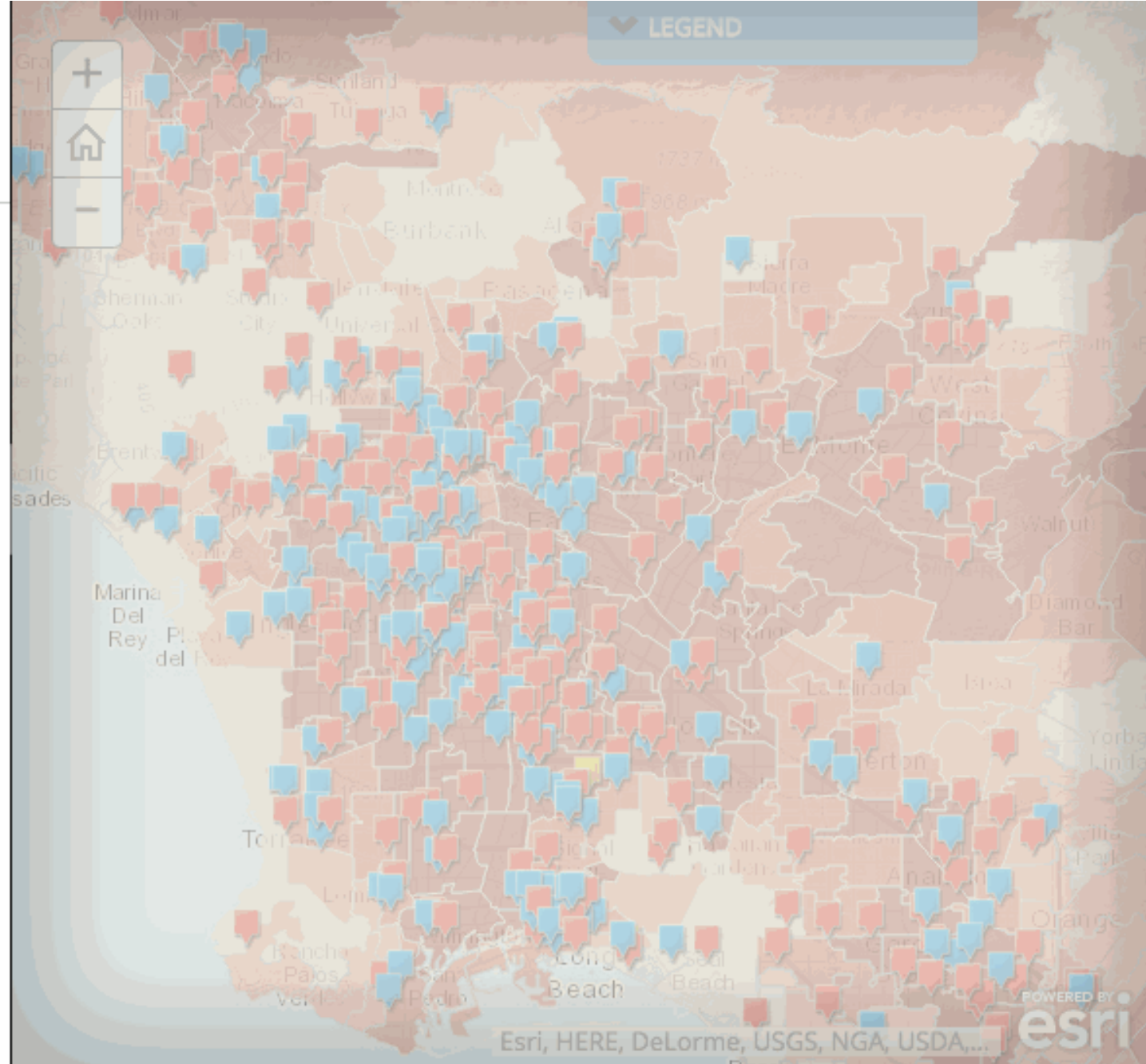
Shootings appear to occur more frequently in neighborhoods that have higher minority populations.

In the map, ZIP Codes are shaded by their minority population percentage. The darkest areas have a minority population percentage greater than 80%.

Click any ZIP Code to see the minority population percentage in that area.

Demographic data courtesy of Esri.

### What About Poverty?



Bike trails

Minnesota bicycling trails

Consider Minnesota "The Land of 10,000 spokes." Across the state, more than 1,500 miles of bike trails — some paved, some natural, all off highway — line abandoned railroad beds and cross public lands. Pedal along one for a close-up experience of a unique landscape. Here is a guide to some of the best.

NOTE: Paved trails include all hard surface types; including asphalt, crushed gravel, limestone and rock. Map does not include metro regional trails at this time.

To get details for each trail, click on bike icon.

\* Asterisk indicates a state trail managed by the Minnesota DNR.

Sources: Minnesota Department of Natural Resources, trailink.com, theplacename.com, Stearns County

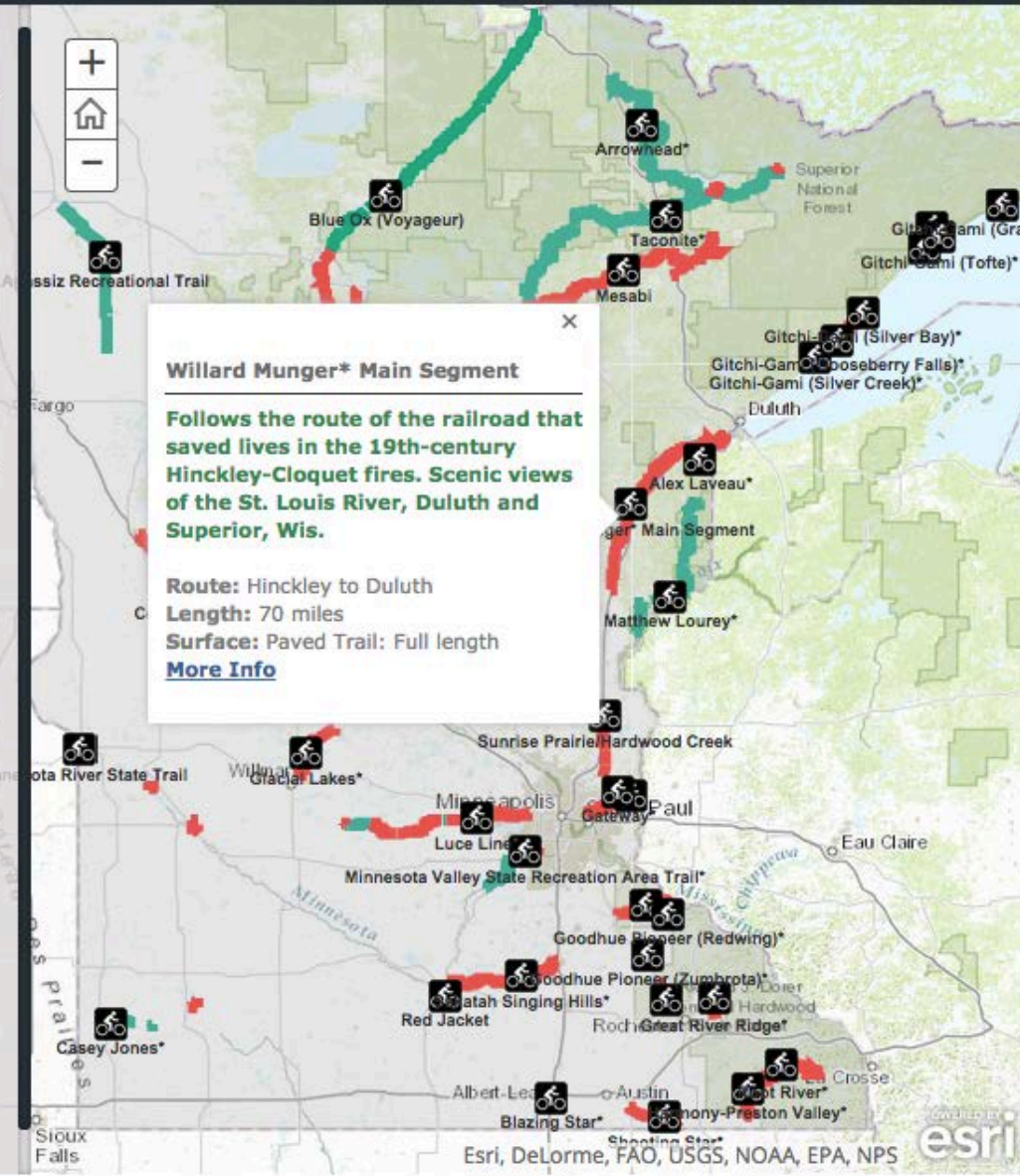
Bike trails locations

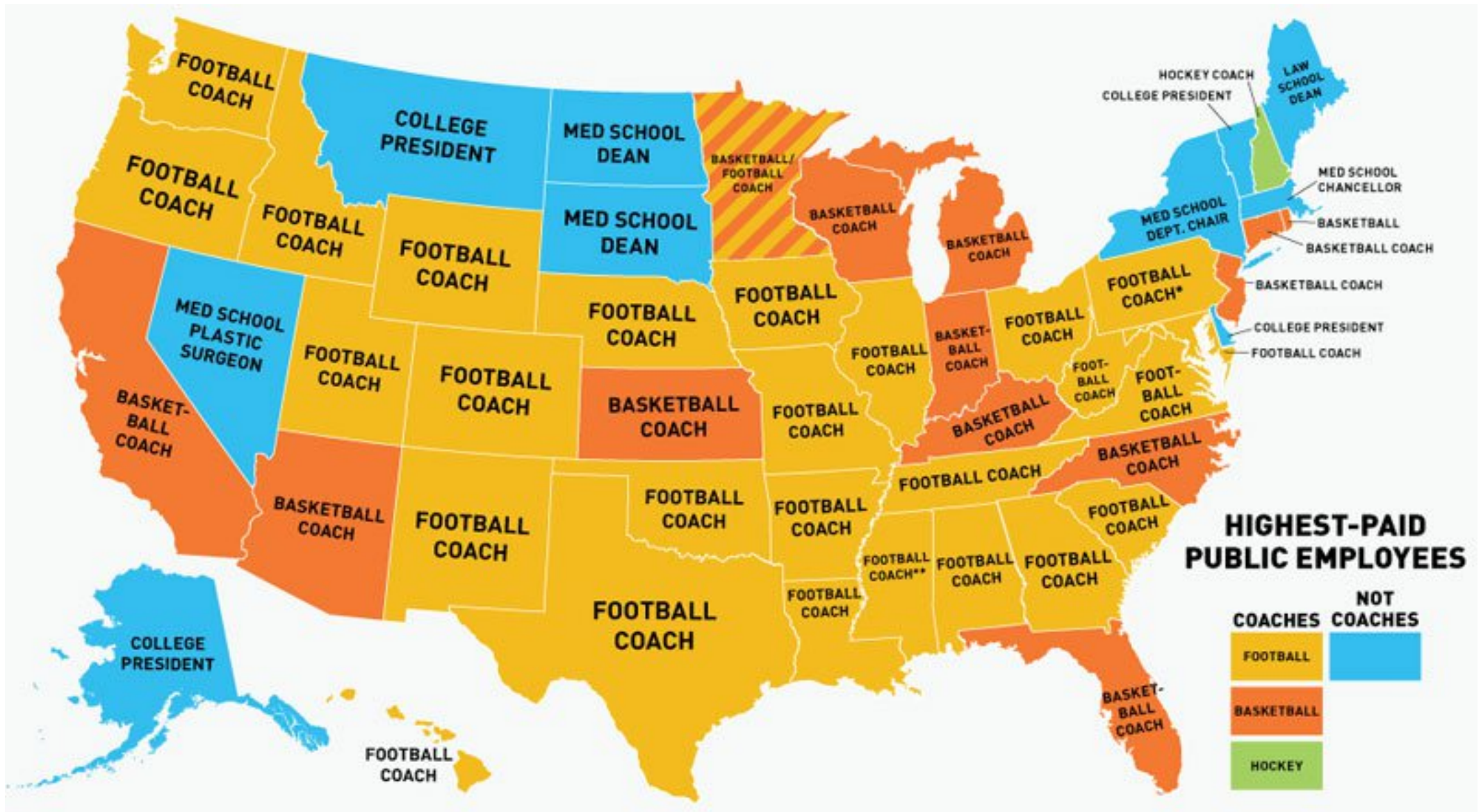


Paved, hard surfaced trails



Natural, unimproved trails





<http://deadspin.com/infographic-is-your-states-highest-paid-employee-a-co-489635228>

# Paid Maternal Leave: Almost Everywhere

The United States is one of only eight countries, out of 188 that have known policies, without paid leave.

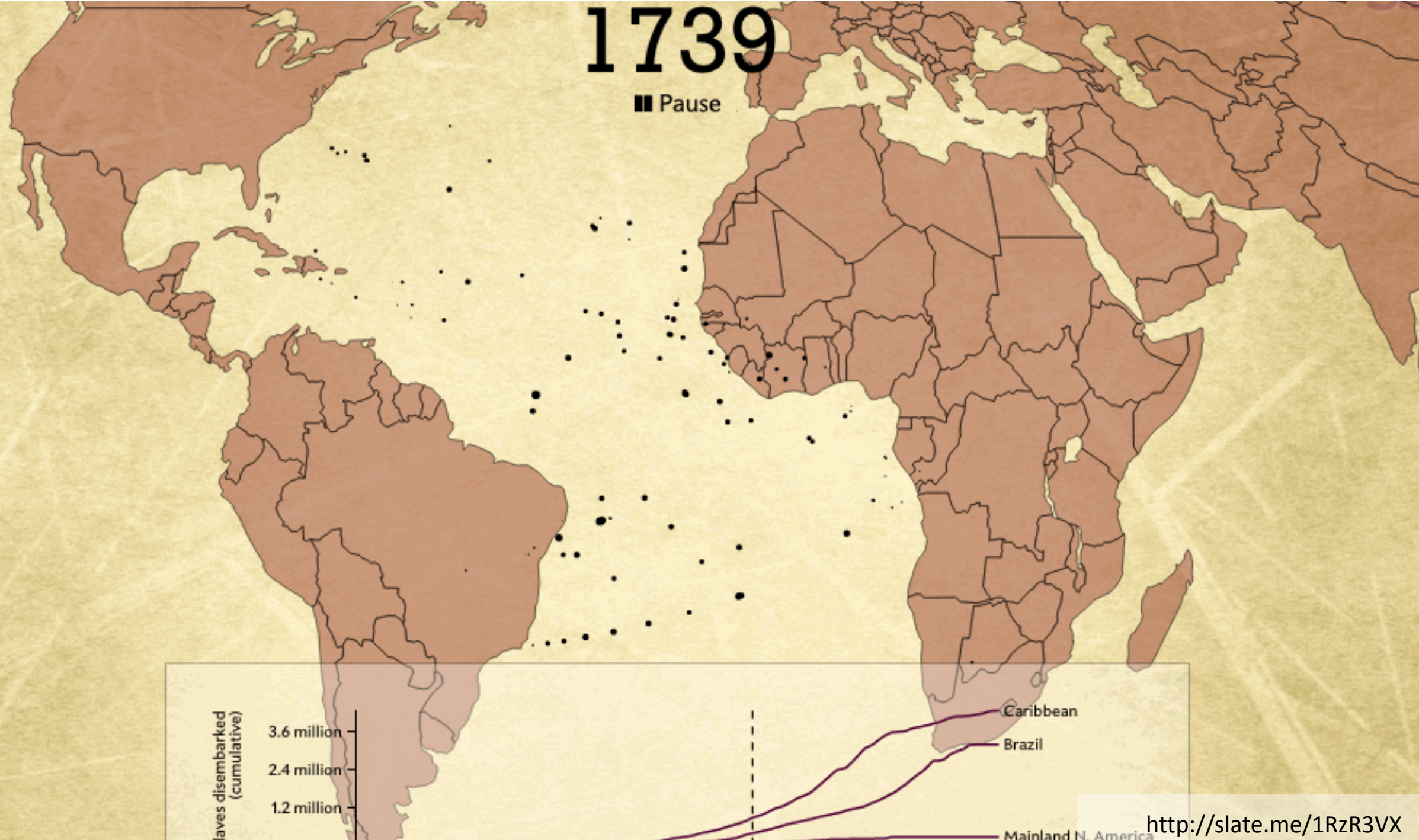
**Countries with paid leave:** ● 26 weeks or more ● 14-25 weeks ● Less than 14 weeks  
**No paid leave:** ●



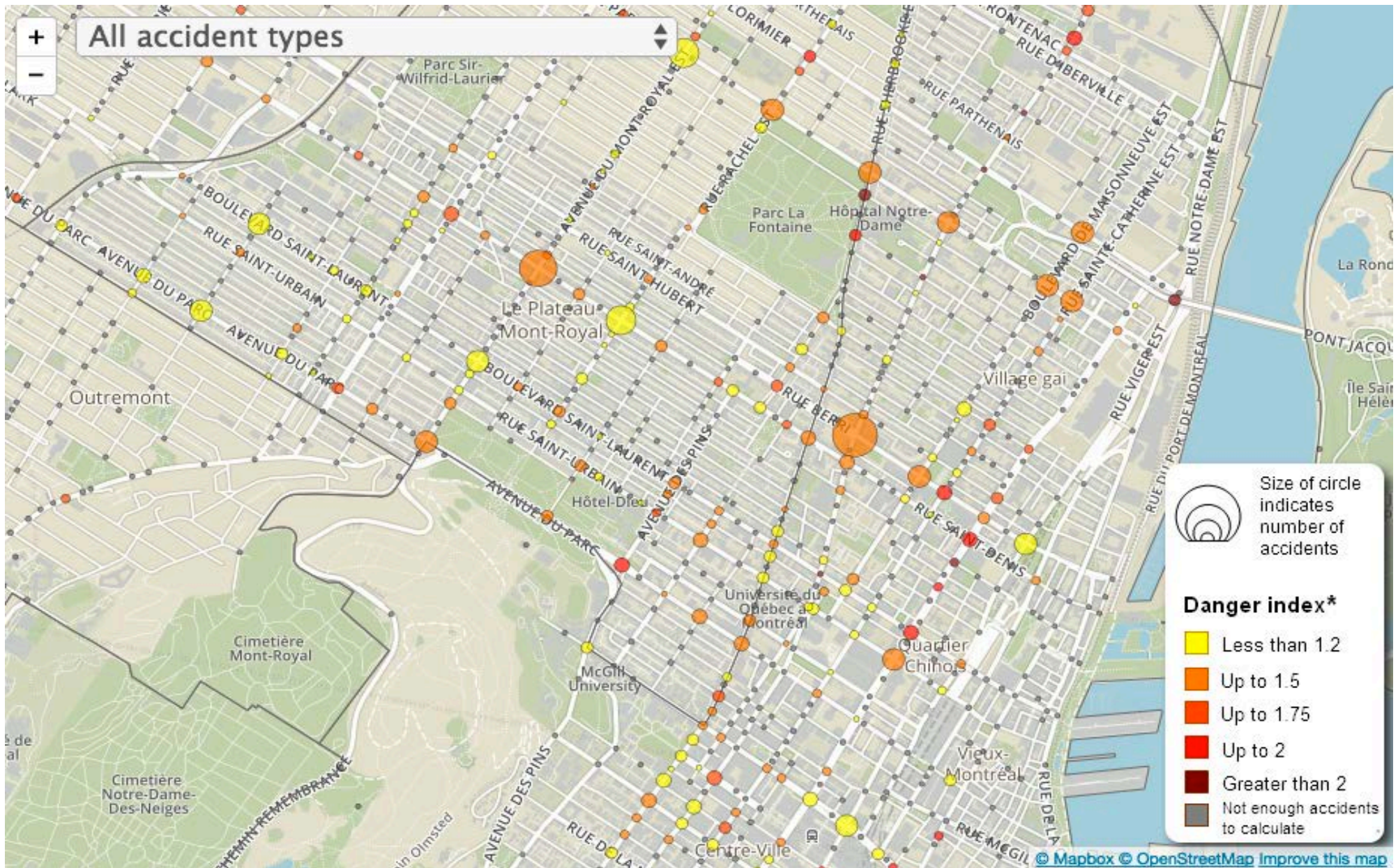
<http://www.nytimes.com/imagepages/2013/02/17/opinion/17coontz2-map.html>

# 1739

■ Pause



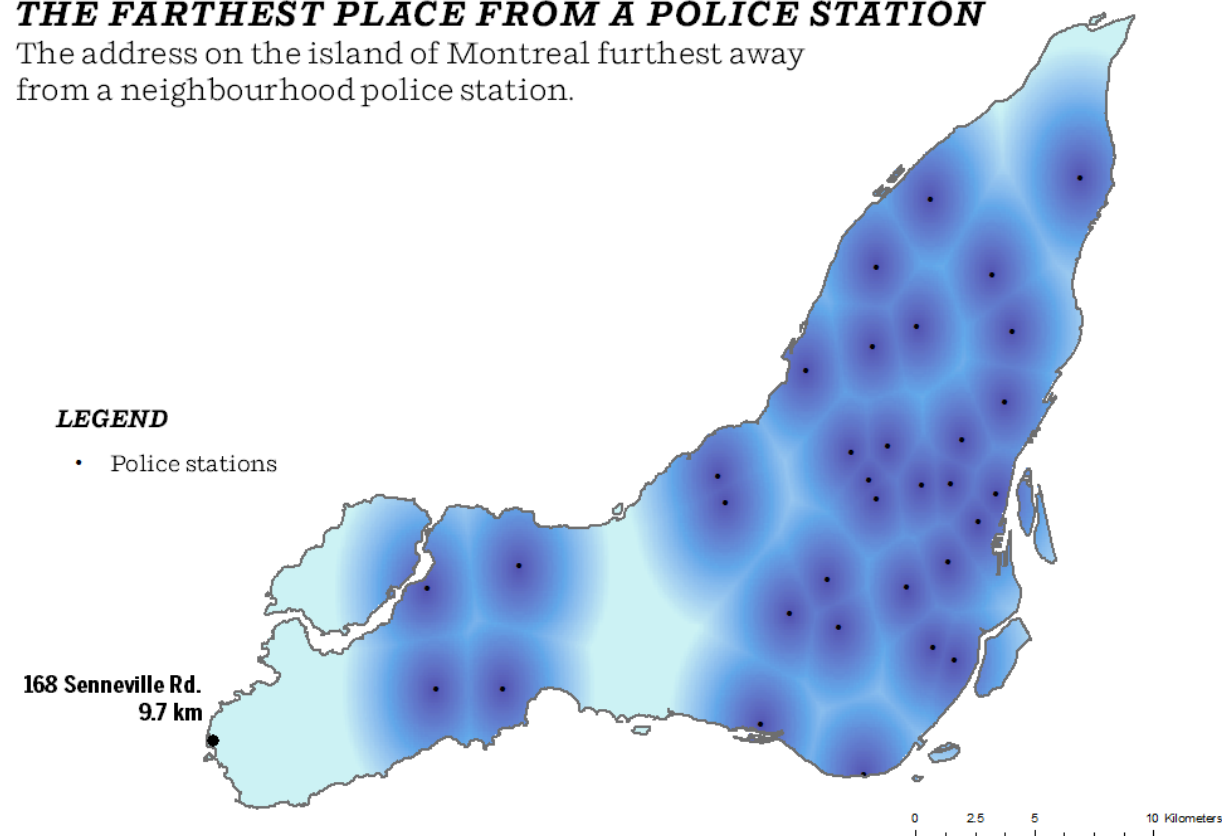




<http://www.montrealgazette.com/news/road-safety/map/index.html>

### ***THE FARTHEST PLACE FROM A POLICE STATION***

The address on the island of Montreal furthest away from a neighbourhood police station.



#### ***LEGEND***

- Police stations

168 Senneville Rd.  
9.7 km

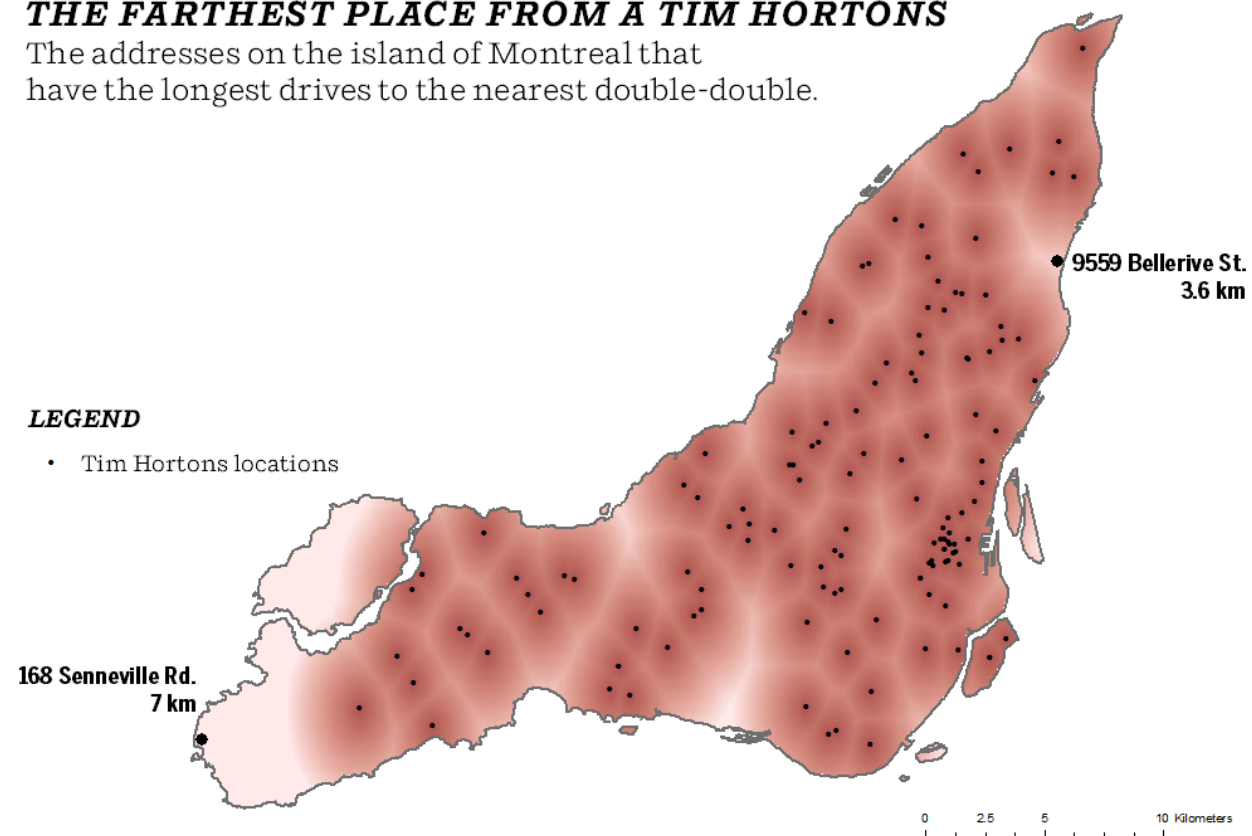
0 2.5 5 10 Kilometers

SOURCES: STM, CITY OF MONTREAL

MONTREAL GAZETTE

### ***THE FARTHEST PLACE FROM A TIM HORTONS***

The addresses on the island of Montreal that have the longest drives to the nearest double-double.



#### ***LEGEND***

- Tim Hortons locations

168 Senneville Rd.  
7 km

9559 Bellerive St.  
3.6 km

0 2.5 5 10 Kilometers

SOURCES: TIM HORTONS, CITY OF MONTREAL

MONTREAL GAZETTE

They take complex information and make it easily understandable, engaging, sharable.

They teach people something new about their world.

Everyone understands maps.

You are a data journalist.

You are a data journalist.

Surprise your audience, inform them.

You are a data journalist.

Surprise your audience, inform them.

Make them go, “Holy shit, I had no idea.”

Thank you.

robertorocha.info  
@robroc