

The New York Times

Visualizing the News

Matthew Ericson

<http://www.ericson.net>

@mericson

@nytgraphics

Who We Are

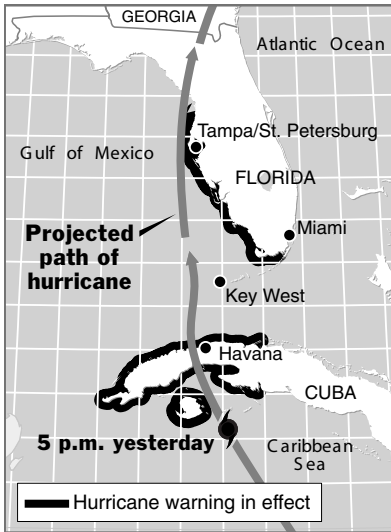




What We Do

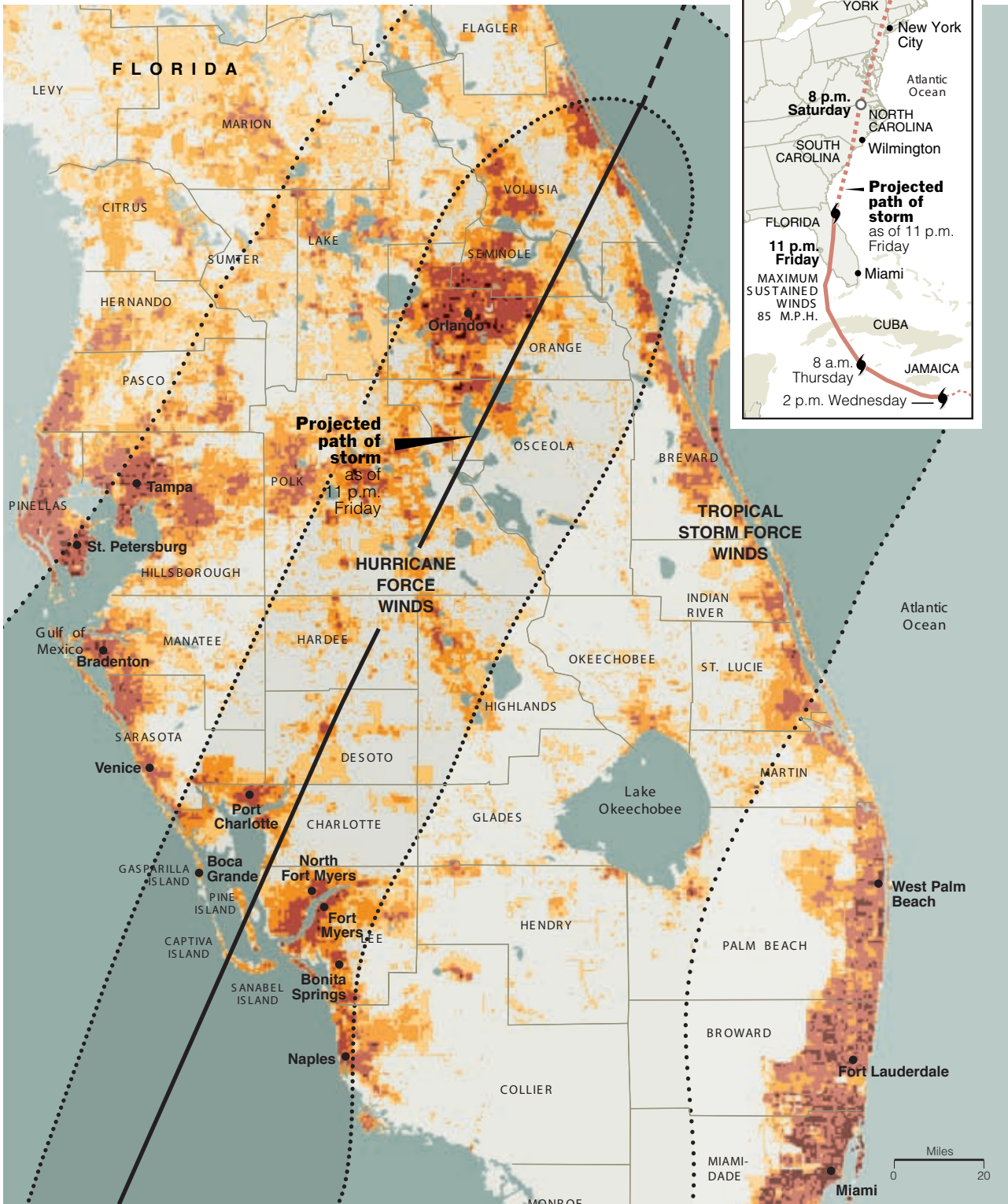
Research and
create the maps, charts
and diagrams for
The New York Times
in print and on [nytimes.com](https://www.nytimes.com)

[illegible][illegible]



The path of the hurricane through southwestern Florida and the population distribution in the area.

Population density (people per square mile)

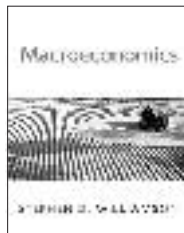


Sources: N.O.A.A.; LandScan population data

The New York Times

Same Book, Lower Price

The same college textbooks used in the United States can often be purchased for much less from Britain, even after factoring in the cost of shipping.



Some examples:





	Lehninger Principles of Biochemistry	Physics, Volume 1	Macroeconomics	Linear System Theory and Design
AMAZON.COM	\$146.15	\$93.75	\$114.00	\$110.00
AMAZON.CO.UK	\$71.53	\$63.37	\$71.78	\$49.81
DIFFERENCE	\$74.62	\$30.38	\$42.22	\$60.19

Domestic shipping is free for orders over \$25 on Amazon.com, though there are some exceptions. British prices have been converted to dollars and include shipping to the United States.

Sources: Amazon.com; Amazon.co.uk

Comparing Caviars

How American paddlefish roe compares with traditional caviar, which comes from sturgeon in Russia or Iran.

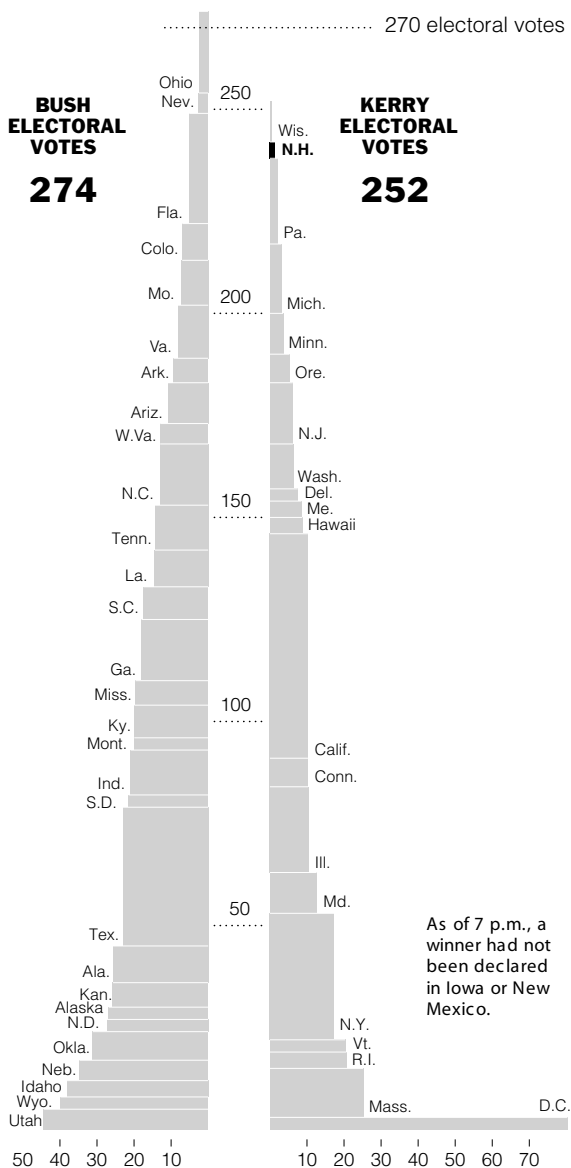
TYPE OF CAVIAR	SIZE OF FISH		SIZE OF EGG	COLOR OF EGG	COST PER OUNCE
Beluga	8-20 feet		● 2.5-4.0 mm	Gray	\$35-70
Osetra	5-8 feet		● 2.0-3.0 mm	Golden to brown	25-55
Sevruga	3-5 feet		● 1.5-2.5 mm	Gray or brown	15-30
Paddlefish	5 feet		● 2.2-2.4 mm	Dark gray	5-15

Sources: American Seafood; Great Atlantic Trading

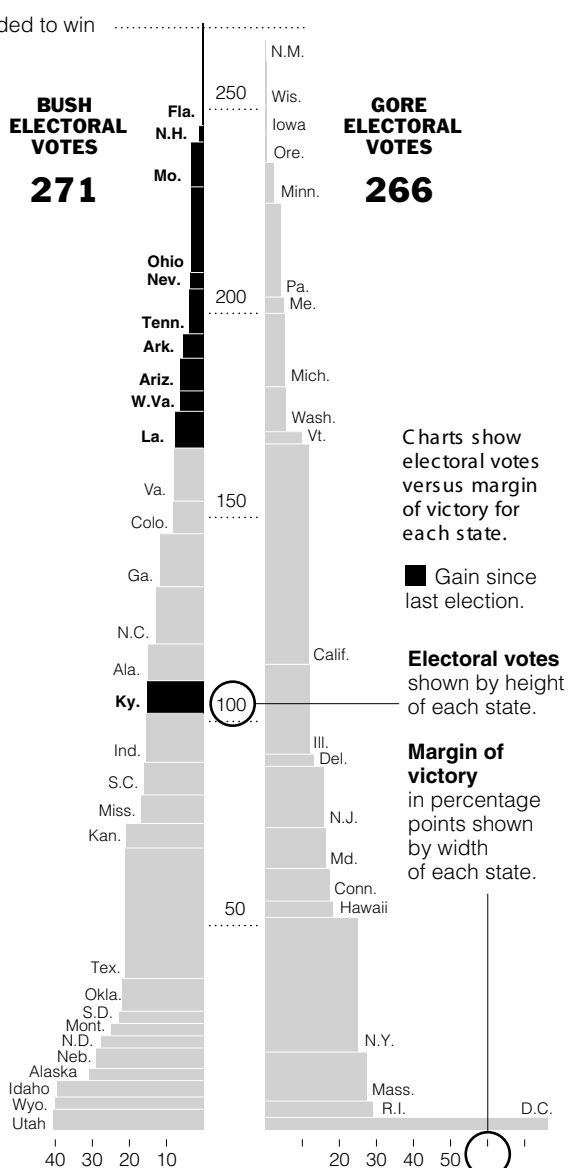
Reaching the Finish Line

John Kerry was only able to take one state — New Hampshire — that George Bush had won in 2000, while Mr. Bush was leading in New Mexico and Iowa, both states that Al Gore won.

THE 2004 ELECTION



THE 2000 ELECTION



Crane Collapse In Manhattan

The Yorkville accident killed two people and severely damaged several apartments.

Damaged building
354 East 91st Street

Tower crane
with a luffing jib that is able to swing up and down.

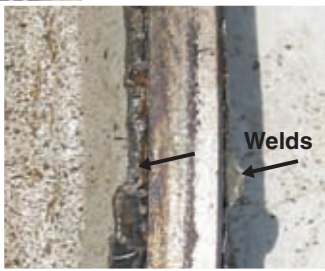
Jib or boom

Drawing is of a crane similar to the one that collapsed.

Cab

Broken connection

The crane's cab sits on a turntable that includes a set of bearings, which allow the cab to swivel.

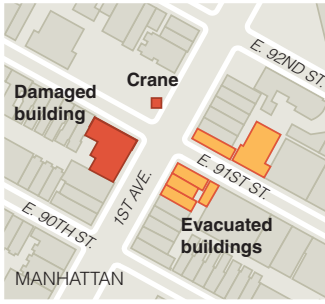


Two parts of the turntable assembly are bonded together with a weld (shown above) that snapped.

Collar brace

A connection to the building was loosened, threatening the tower's stability.

Several nearby buildings were evacuated.



Sources: Mayor's office; Dennis J. O'Rourke, Crane Certification Association of America; New York City Department of Buildings

GRAHAM ROBERTS, HAEYOUN PARK, JOE WARD, ARCHIE TSE/THE NEW YORK TIMES; PHOTOGRAPHS BY GETTY IMAGES (OVERVIEW); ASSOCIATED PRESS

91st St.

1st Ave.

Research and
create the maps, charts
and diagrams for
The New York Times
in print and on [nytimes.com](https://www.nytimes.com)

Provide context.

Reveal patterns.

Describe processes.

Explain the geography.

**Provide
Context**

INTERACTIVES

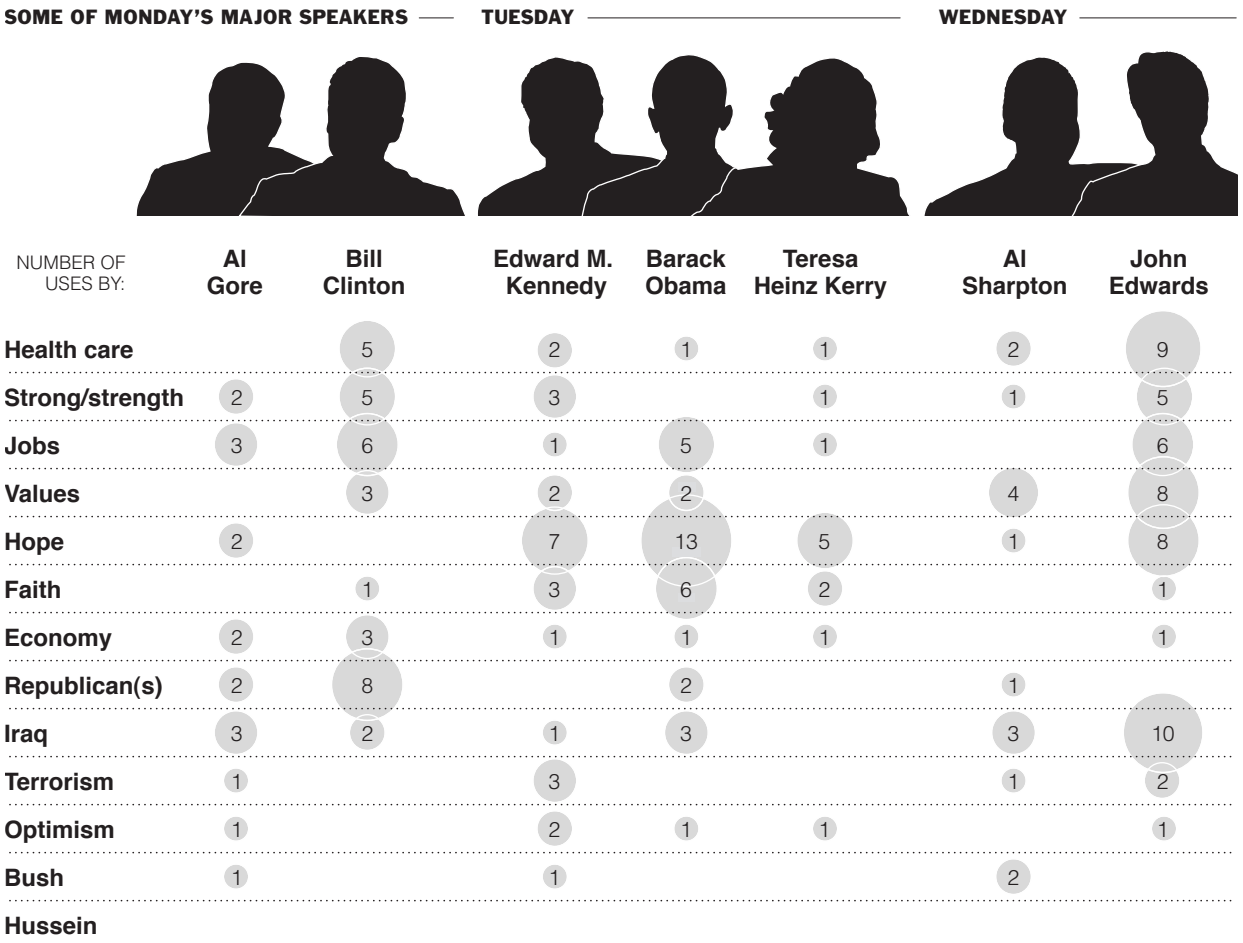
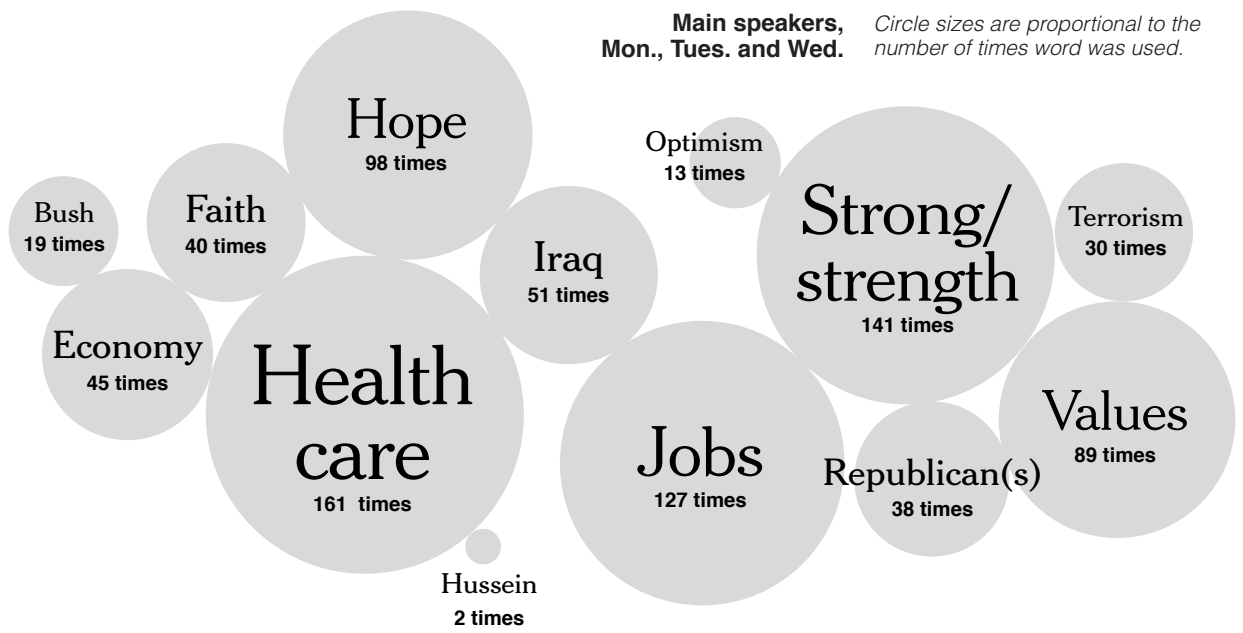
The Unemployment Rate for People Like You

Obama's 2012 Budget Proposal

Reveal Patterns

The Words They've Used

Different speakers, including Senator Edward M. Kennedy, shown above preparing for the speech he delivered Tuesday, have emphasized different themes, sometimes indicated by their repeated use of specific words. A look at how often some words have been used.



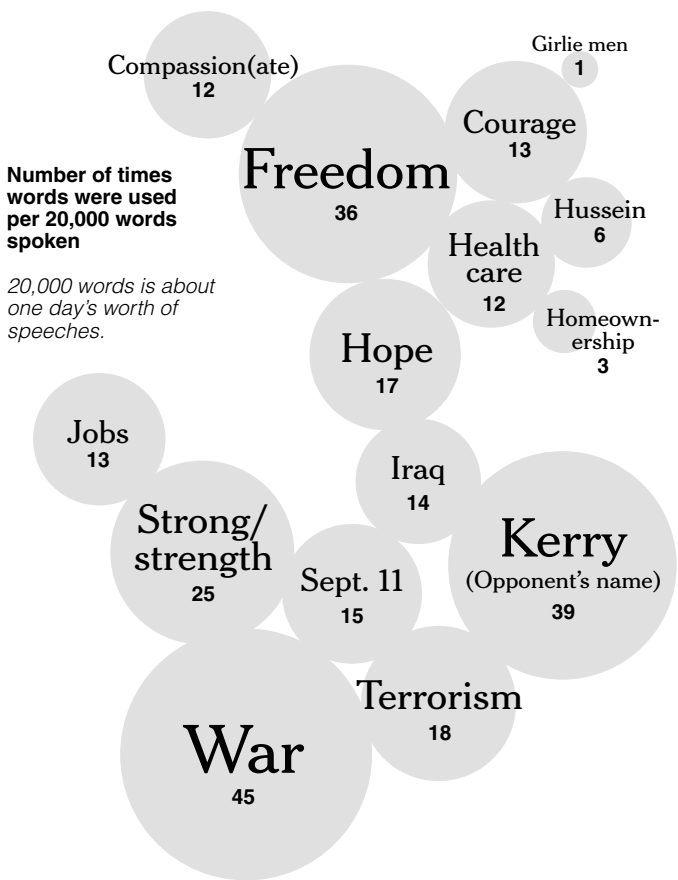
The Words Speakers Use

Looking at the number of times words have been used by speakers at each party's convention suggests the different themes the parties have highlighted.

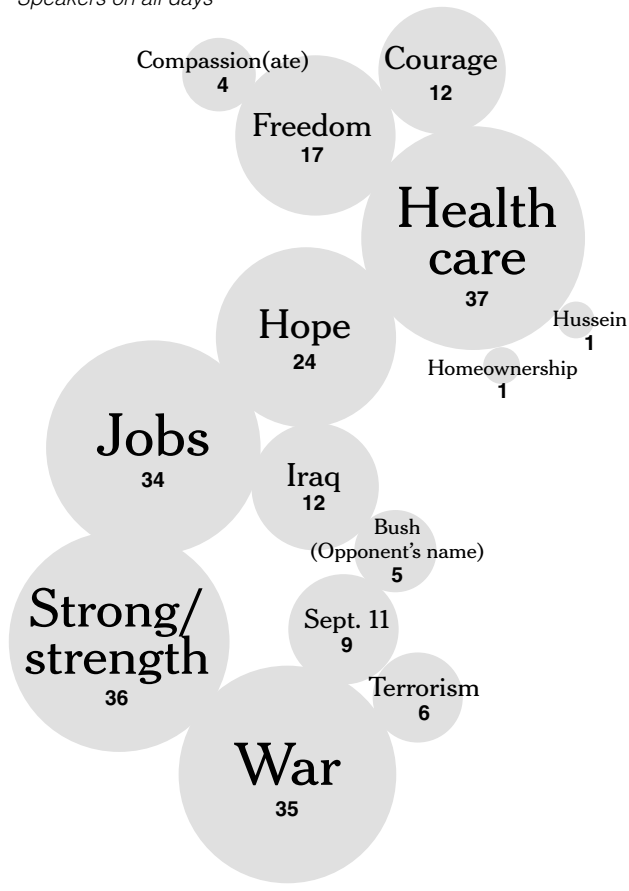
The Republican speakers have used more terms related to terrorism and the war in Iraq, while the Democratic speakers were more likely to mention health care or jobs.

In addition, Republicans were more likely to mention the opposing candidate by name, something the Democrats rarely did.

Republican Convention
Speakers on Monday, Tuesday and Wednesday



Democratic Convention
Speakers on all days



SOME OF THE REPUBLICAN SPEAKERS



SOME OF THE DEMOCRATIC SPEAKERS



NUMBER OF TIMES SPEAKERS USED EACH WORD OR PHRASE

	John McCain	Rudolph W. Giuliani	Arnold Schwarzenegger	Laura Bush	Zell Miller	Dick Cheney	Bill Clinton	Barack Obama	John Edwards	John Kerry
Opponent's name		12			15	13				2
Hussein	1	6		2	2	3				
Terrorism	2	21	2						2	
Religion	1	1	1							1
Afghanistan	1	2		3	2	2	1		1	
Courage	5	1			1	1	1		1	
Homeownership				3		1	1			
Freedom	7	9	4	6	12	7	2	2	2	5
Compassion(ate)			2			1	1			
Sept. 11	4	11		2	1	3	2		3	4
War	18	13		7	8	10	6	6	10	14
Iraq	2	4	3	4	2	3	2	3	9	4
Education		1		4		1			2	3
Strong/strength	2	3	1	4		2	5		5	8
Troops		1	2		2	2		1	1	4
Economy			4			2	3	1	1	3
Hope	1	4	1	4		1		13	8	4
Health care		2		1		1	5	1	9	12
Jobs				1		1	6	5	6	12

Source: Federal News Service transcripts of speeches; Republican National Convention

Matthew Ericson/The New York Times

Describe Processes

INTERACTIVES

What Happens in a Nuclear Meltdown

Explain the Geography

INTERACTIVES

Oil Spill in the Gulf

3 Keys

Smart Content.
Engaging Form.
Clear Presentation.

**How You
Can Do It**



Report and Research

What information do you have?

What information *should* you have?

INTERACTIVES

Steve Jobs Patents

One 9/11 Tally: \$3.3 Trillion



Sketch With Data

Also known as “Make 500 charts.
Then pick the best one.”

Autocomplete: [Tab]->Next Tag. [Ctrl+Space]->List Matching Tags. [Ctrl+Enter]->List All Tags.

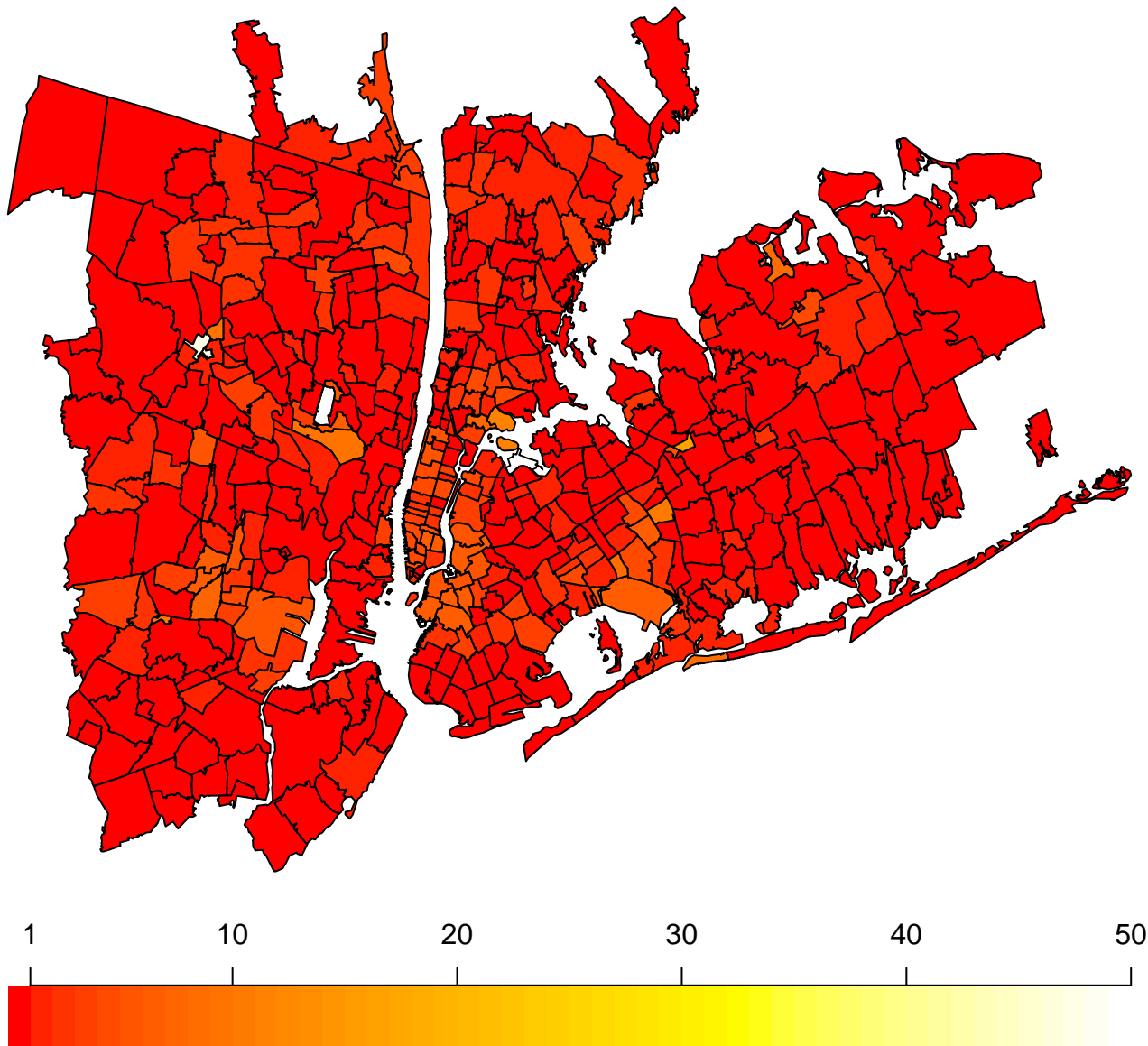
1 final_nyc_titles

1 Result 2 Profiler 3 Messages 4 Table Data 5 Info 6 History

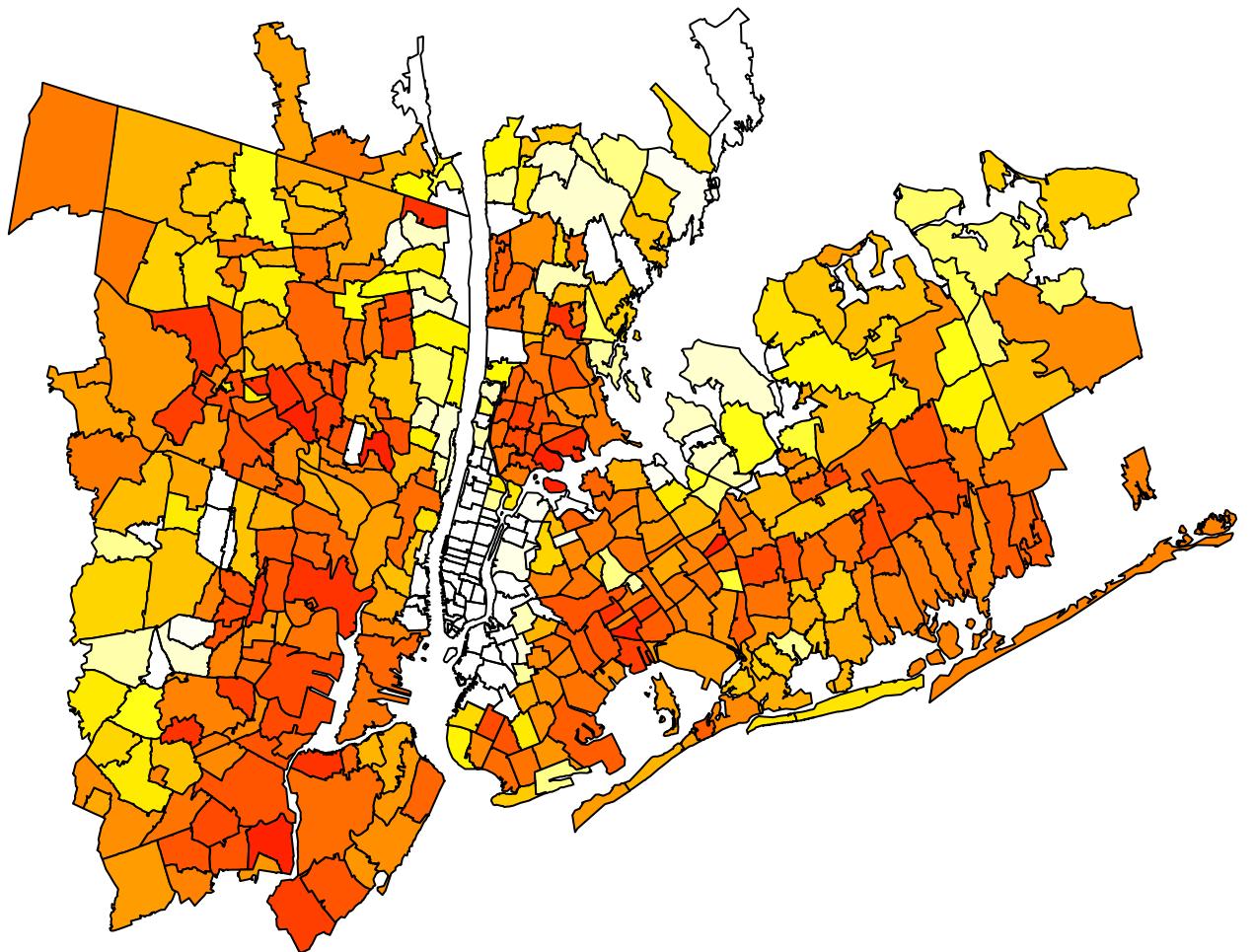
All Rows Rows in a Range First Row: 0 No. of Rows: 50 Refresh

	ZIP5	TITLE	PRIMARY_GENRE	RANK	name	postal
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<input type="checkbox"/>	06880	QUANTUM OF SOLACE	Action & Adventure	33	Westport	06880
<input type="checkbox"/>	06880	TAKEN	Action & Adventure	29	Westport	06880
<input type="checkbox"/>	06880	IRON MAN	Action & Adventure	43	Westport	06880
<input type="checkbox"/>	06880	I LOVE YOU MAN	Comedy	44	Westport	06880
<input type="checkbox"/>	06880	BURN AFTER READING	Comedy	10	Westport	06880
<input type="checkbox"/>	06880	VICKY CRISTINA BARCELONA	Comedy	7	Westport	06880
<input type="checkbox"/>	06880	MARLEY & ME	Comedy	40	Westport	06880
<input type="checkbox"/>	06880	SUNSHINE CLEANING	Comedy	39	Westport	06880
<input type="checkbox"/>	06880	HAPPY-GO-LUCKY	Comedy	46	Westport	06880
<input type="checkbox"/>	06880	GHOST TOWN	Comedy	34	Westport	06880
<input type="checkbox"/>	06880	TROPIC THUNDER	Comedy	42	Westport	06880
<input type="checkbox"/>	06880	THE PROPOSAL	Comedy	35	Westport	06880
<input type="checkbox"/>	06880	MAN ON WIRE	Documentary	31	Westport	06880
<input type="checkbox"/>	06880	RELIGULOUS	Documentary	37	Westport	06880
<input type="checkbox"/>	06880	RACHEL GETTING MARRIED	Drama	6	Westport	06880
<input type="checkbox"/>	06880	REVOLUTIONARY ROAD	Drama	5	Westport	06880
<input type="checkbox"/>	06880	SLUMDOG MILLIONAIRE	Drama	4	Westport	06880
<input type="checkbox"/>	06880	MILK	Drama	3	Westport	06880
<input type="checkbox"/>	06880	DOUBT	Drama	2	Westport	06880
<input type="checkbox"/>	06880	THE CURIOUS CASE OF BENJAMIN BUTTON	Drama	1	Westport	06880
<input type="checkbox"/>	06880	FROZEN RIVER	Drama	36	Westport	06880
<input type="checkbox"/>	06880	AUSTRALIA	Drama	26	Westport	06880
<input type="checkbox"/>	06880	THE SOLOIST	Drama	24	Westport	06880
<input type="checkbox"/>	06880	SEVEN POUNDS	Drama	23	Westport	06880
<input type="checkbox"/>	06880	THE DUCHESS	Drama	20	Westport	06880
<input type="checkbox"/>	06880	VALKYRIE	Drama	19	Westport	06880
<input type="checkbox"/>	06880	W.	Drama	18	Westport	06880
<input type="checkbox"/>	06880	LAST CHANCE HARVEY	Drama	16	Westport	06880
<input type="checkbox"/>	06880	NIGHTS IN RODANTHE	Drama	17	Westport	06880
<input type="checkbox"/>	06880	FLASH OF GENIUS	Drama	41	Westport	06880

THE CURIOUS CASE OF BENJAMIN BUTTON



PAUL BLART: MALL COP



1

10

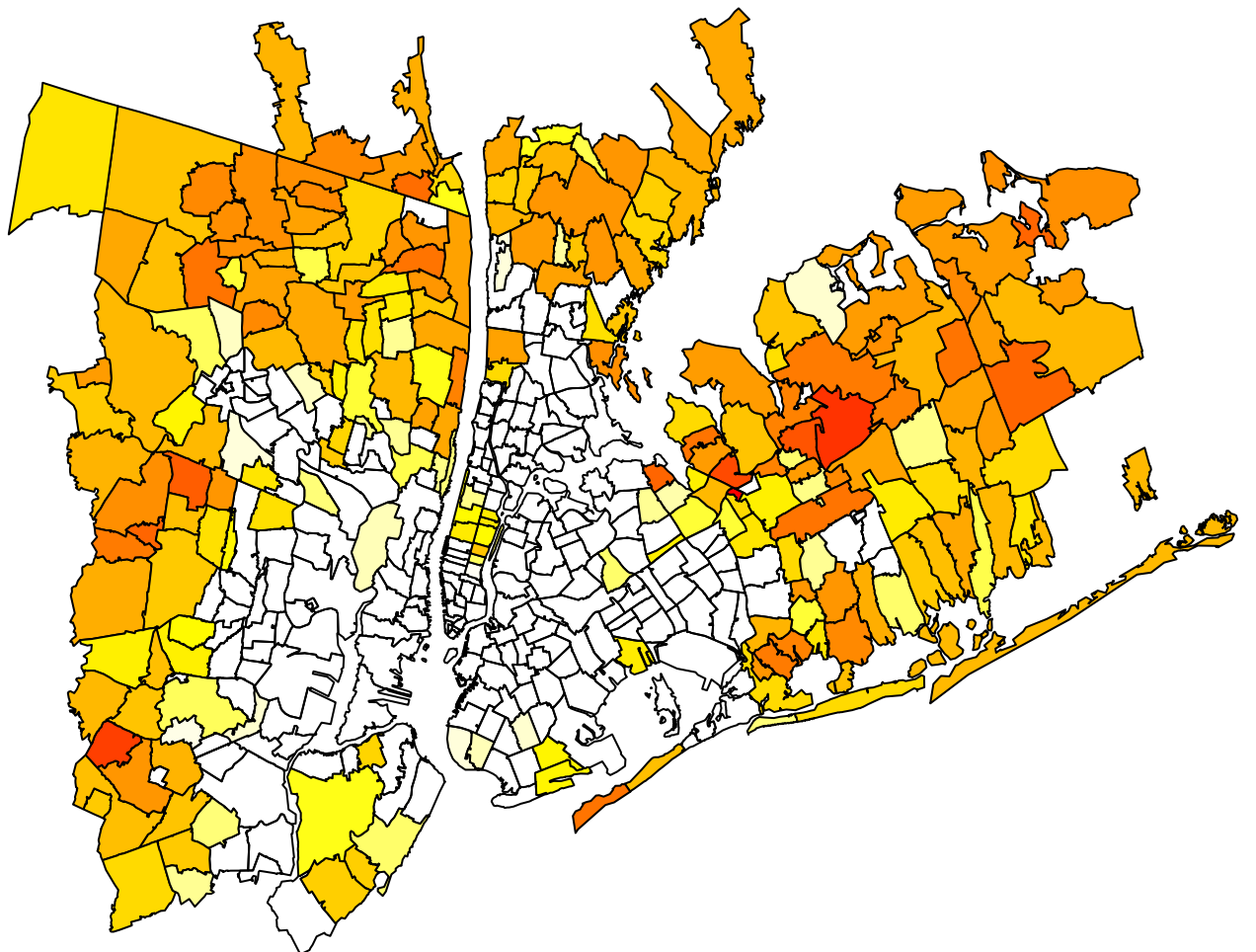
20

30

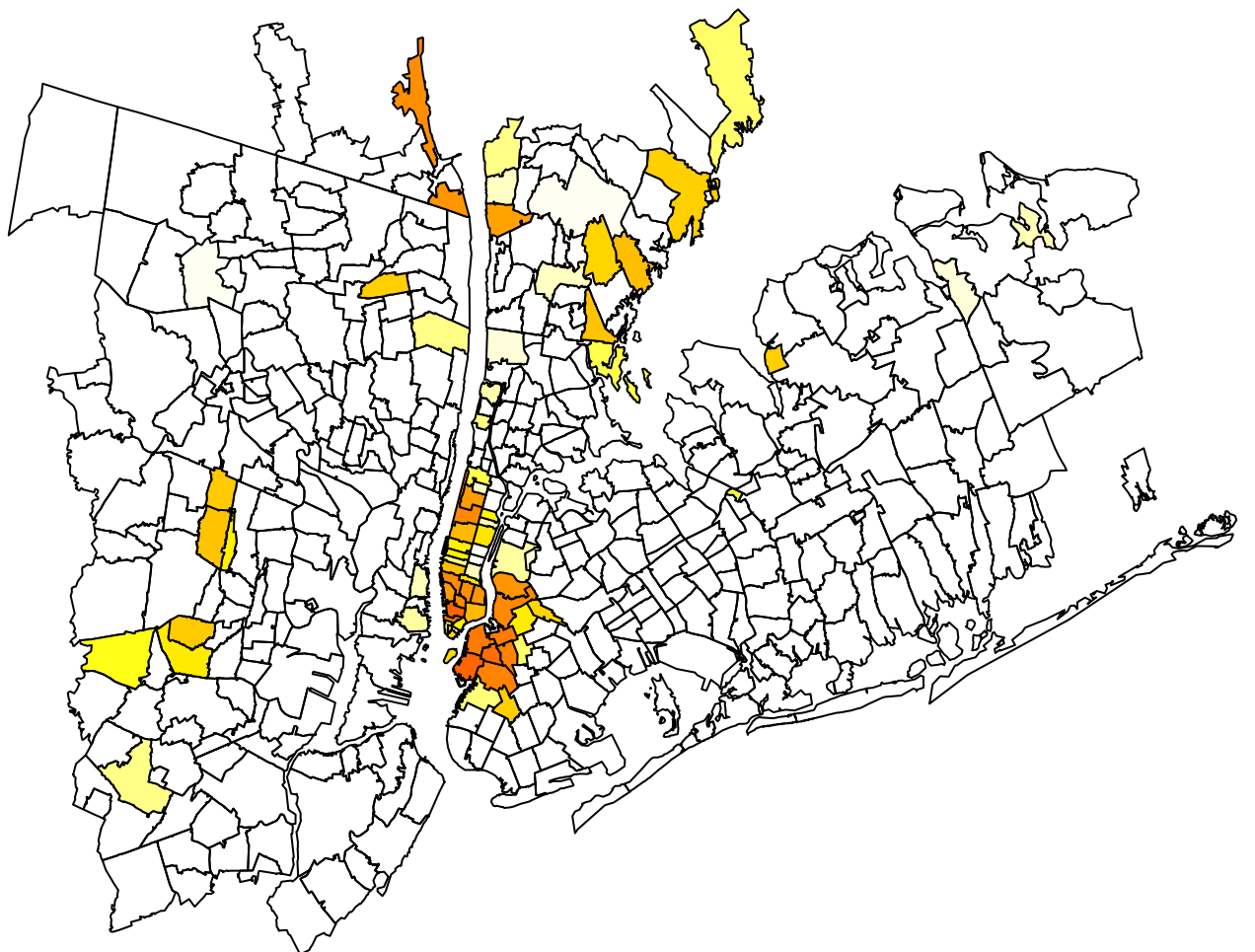
40

50

LAST CHANCE HARVEY



MAN ON WIRE



1

10

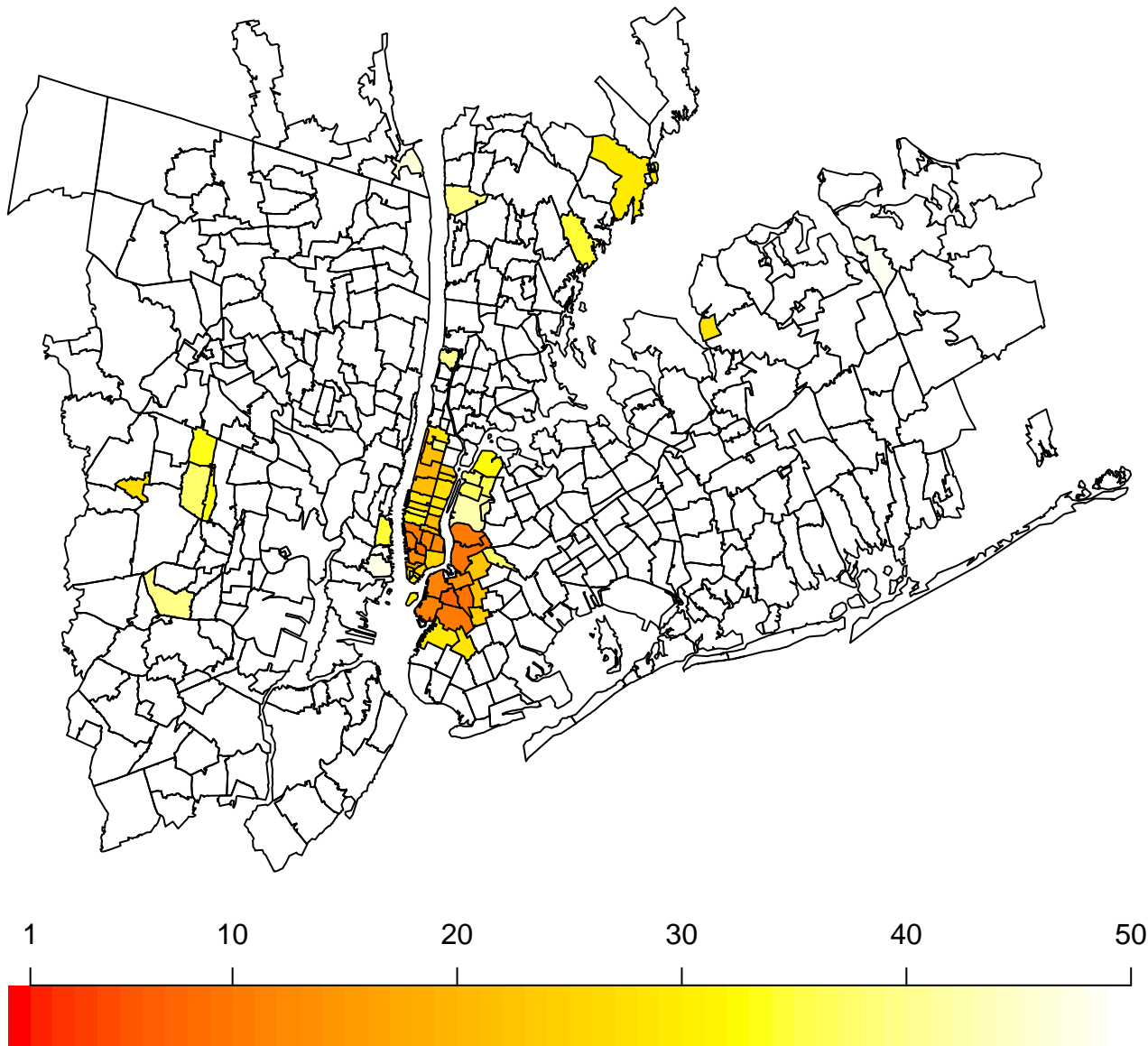
20

30

40

50

MAD MEN: SEASON 1: DISC 1



Where Movies Were Popular

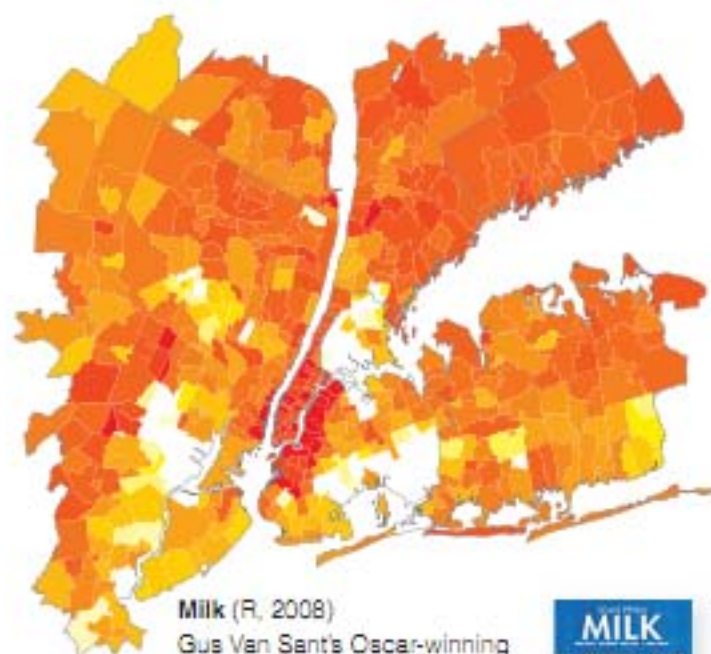
While many of the region's most popular titles were well-liked everywhere, others had pockets of strong support – and pockets of little interest. In many cases, a rental most popular in one ZIP code was not among the top 50 titles of a neighboring one. Some patterns of support:

The ZIP codes are shaded according to each movie's rank.

Ranked No. 1

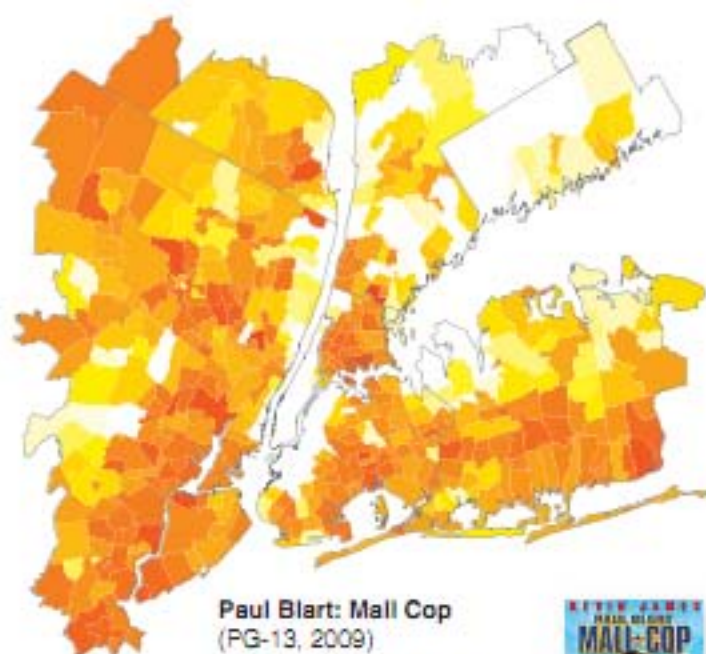
No. 50

ONLINE
An interactive map
of Netflix trends in 12 cities.
nytimes.com/nyregion



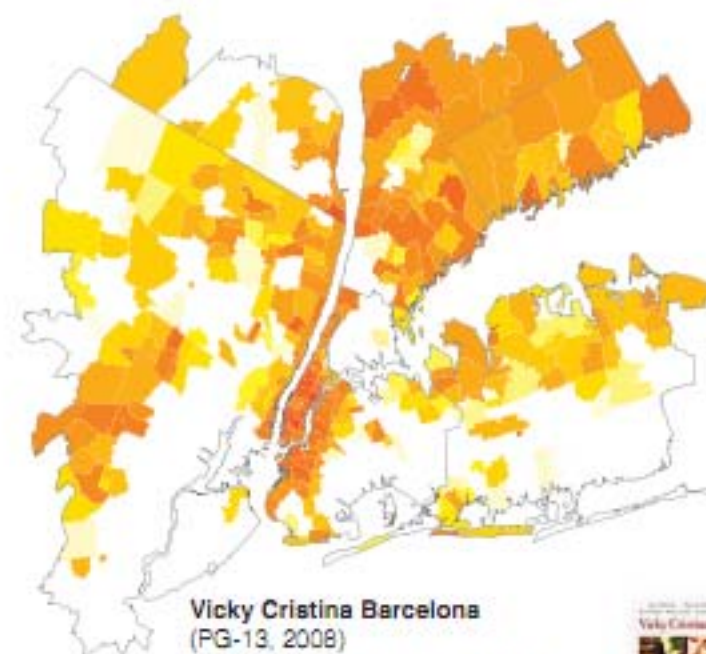
Milk (R, 2008)

Gus Van Sant's Oscar-winning biopic was one of the 10 most rented movies for more than half of the region but mostly absent from the South Bronx.



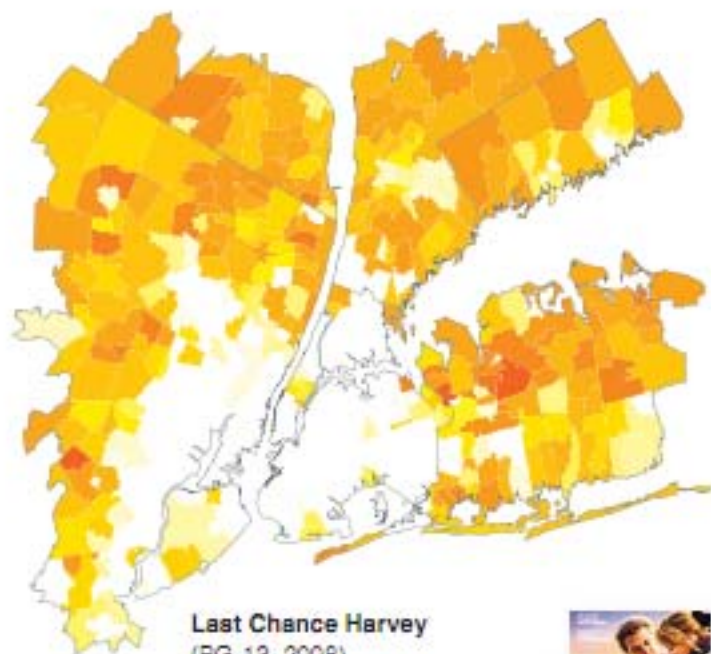
Paul Blart: Mall Cop (PG-13, 2009)

Hugely popular outside Manhattan and western Brooklyn, this comedy was in the top 25 across Staten Island.



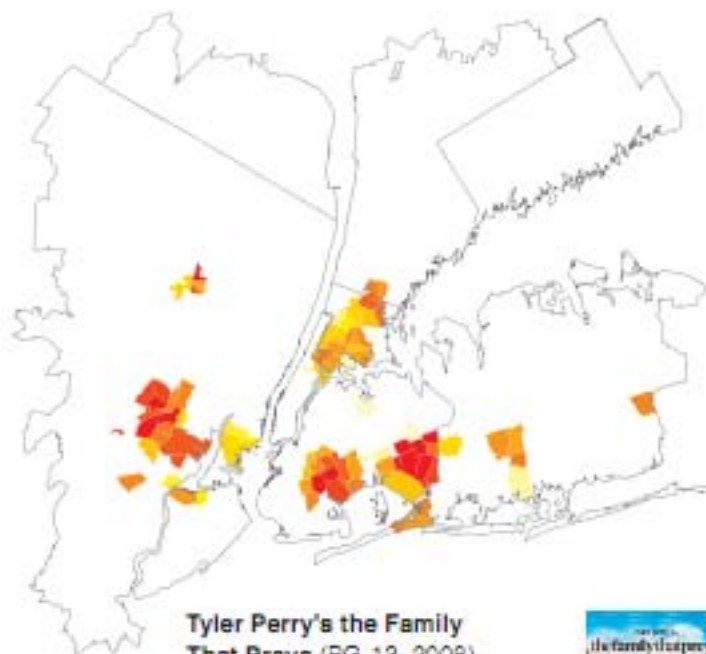
Vicky Cristina Barcelona (PG-13, 2008)

This Woody Allen-directed drama was popular everywhere in Manhattan and in Westchester, but not in the top 50 for most of the South Bronx and Brooklyn.



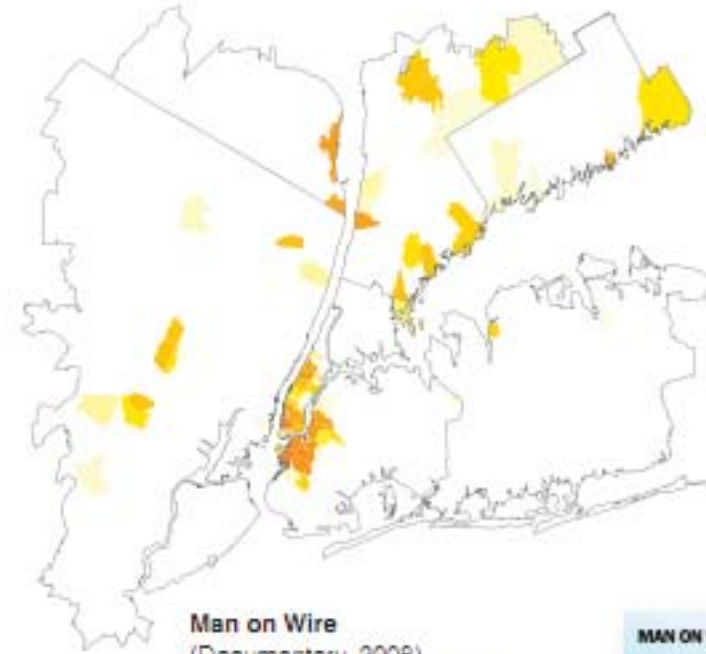
Last Chance Harvey (PG-13, 2008)

Aside from a handful of neighborhoods on the Upper West Side and Upper East Side, most people renting this romantic comedy starring Dustin Hoffman were outside New York City.



Tyler Perry's The Family That Preys (PG-13, 2008)

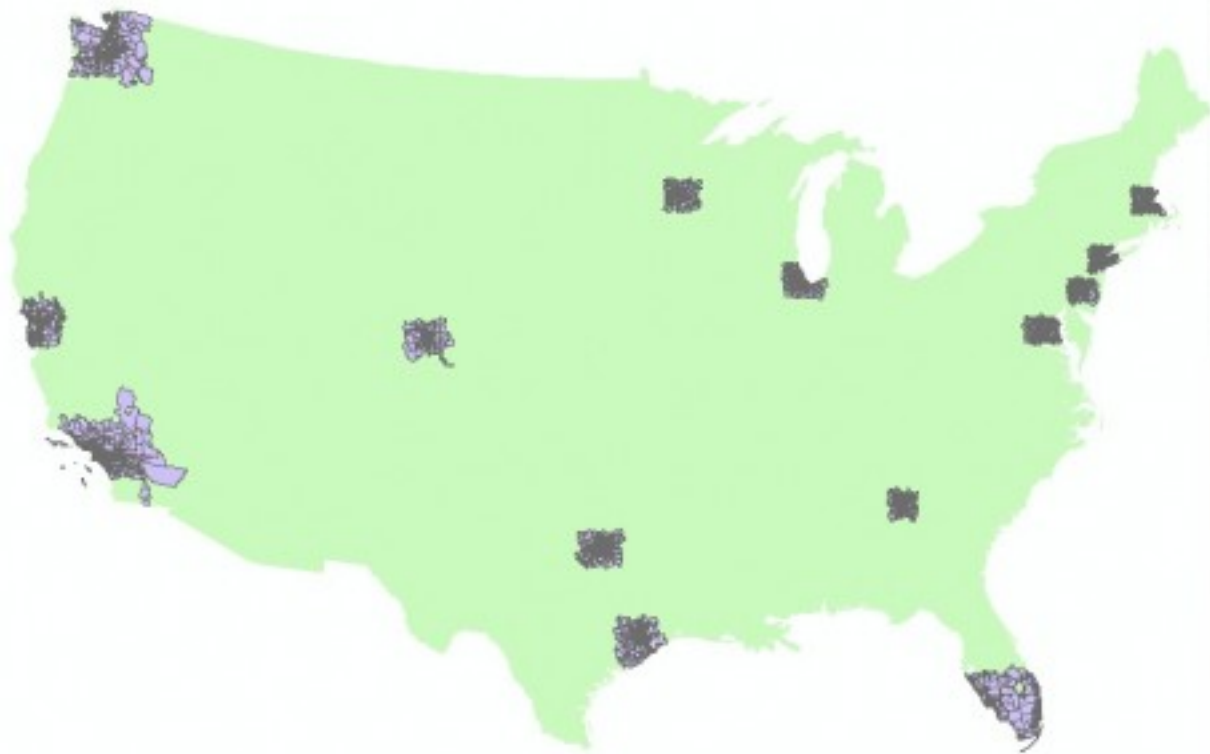
Only one in six ZIP codes had this in their top 50, but it ranked No. 1 in some places, including Jamaica, Queens; East Orange, N.J.; and the Brownsville and East Flatbush neighborhoods in Brooklyn.

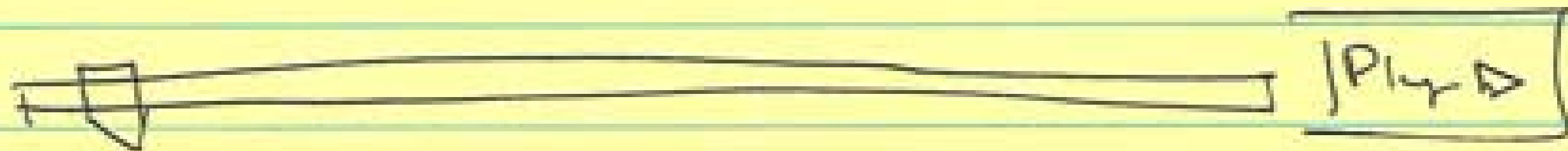


Man on Wire (Documentary, 2008)

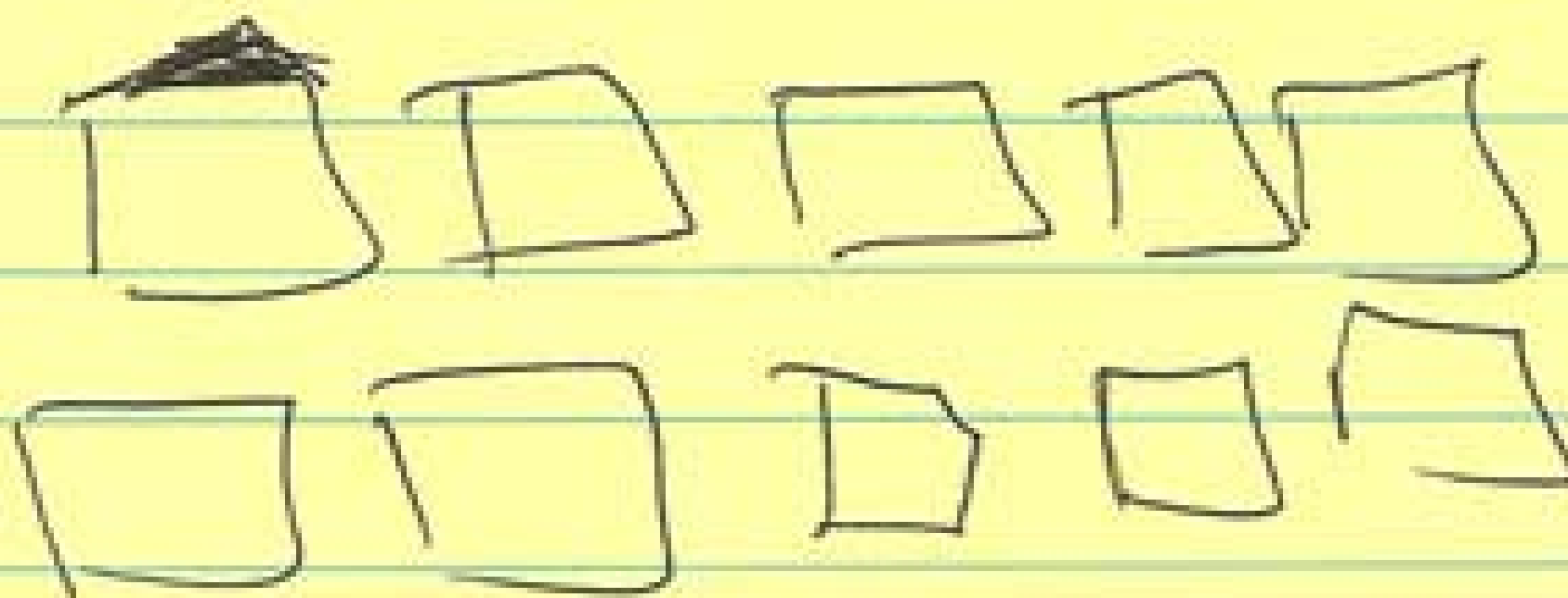
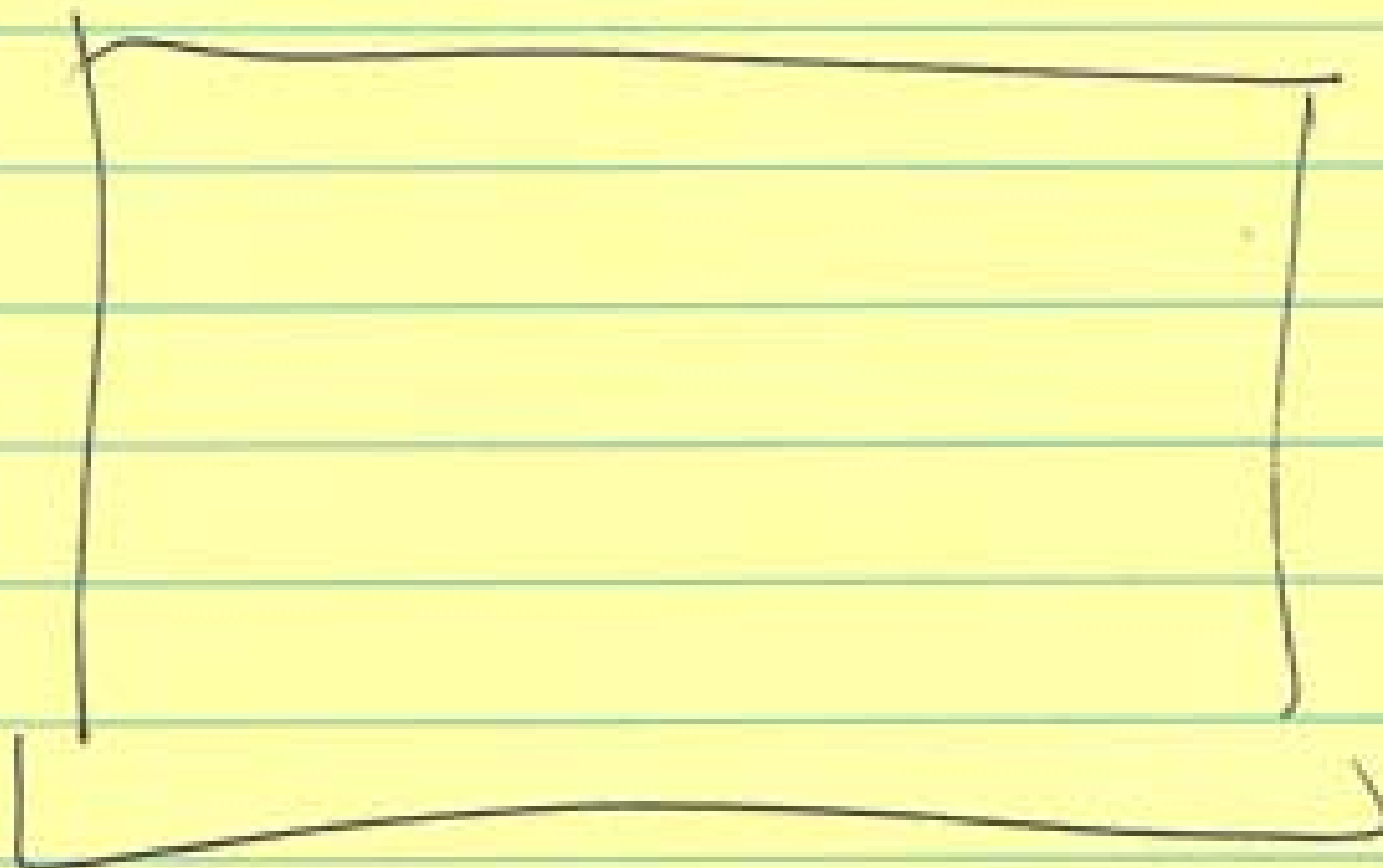
This movie about Philippe Petit's illegal tightrope walk between the World Trade Center towers had strong support in Lower Manhattan and Brooklyn. It was the region's second most popular documentary, behind Bill Maher's "Religulous."







P21 B2



What We Rented from Netflix, and Where We Watched Them

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Movie order

Slide to change the movie

☒ Alphabetical
 ☐ By metadata

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

NEW YORK

Paul Blart: Mall Cop



98

 Metacritic
Rating

Synopsis from NYTimes.com

Funnyman Kevin James ("King of Queens") stars as Paul Blart, an overzealous security guard who finds himself in way over his head when he attempts to thwart a criminal mastermind's (Kier O'Donnell) plot to rob an entire shopping mall. Bobby Cannavale, Jayma Mays and Shirley Knight also star in this family-friendly taffer from director Steve Carr, which shares more than a few similarities with the much raunchier Obscure and Report.

☒ [NYT movie overview »](#)

 PREVIOUS
Vicky Cristina
Barcelona

 NEXT
Revolutionary
Road

Select a different city:

NEW YORK



DETROIT



LOS ANGELES



PHOENIX



CHICAGO



SAN FRANCISCO



DALLAS



RIVERSIDE



PHILADELPHIA



SEATTLE



HOUSTON



MINNEAPOLIS, P



MIAMI



BALTIMORE



ATLANTA



SAN DIEGO



WASHINGTON DC



ST. LOUIS



BOSTON



TAMPA



A Peek Into Netflix Queues

Examine Netflix rental patterns, neighborhood by neighborhood, in a dozen cities. Some titles with distinct patterns are *Mad Men*, *Obsessed* and *Last Chance Harvey*. [Comments \(135\)](#)

100 titles that were frequently rented from Netflix in 2009

[Previous](#) [Next](#) A ... to Z

Change how movies are sorted

[Most rented](#) [Alphabetical](#) [By metascore](#)

New in Town



29

Metacritic score

100=loved by critics, 0=hated

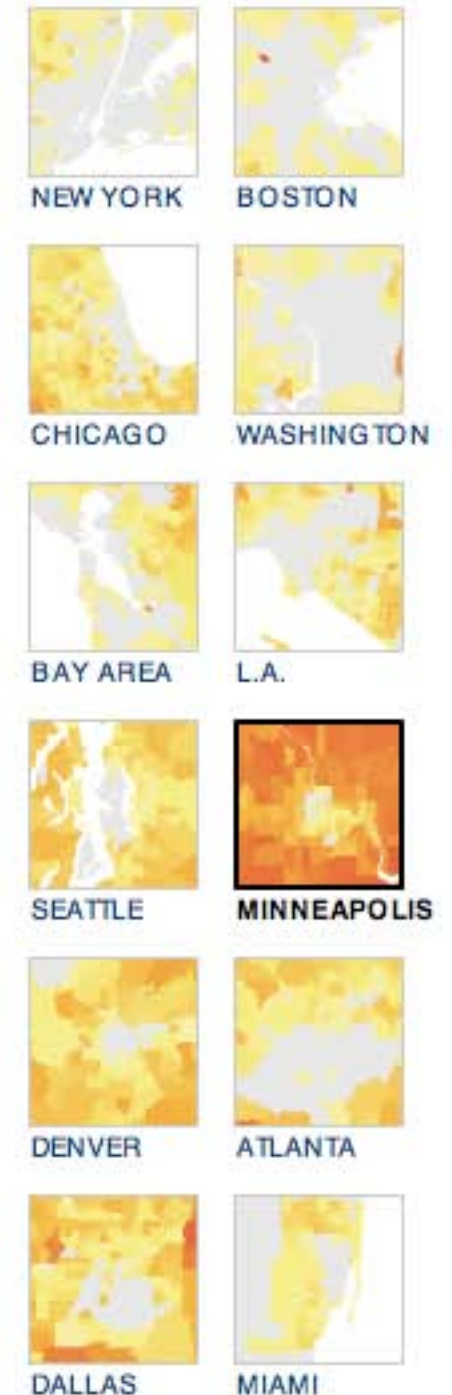
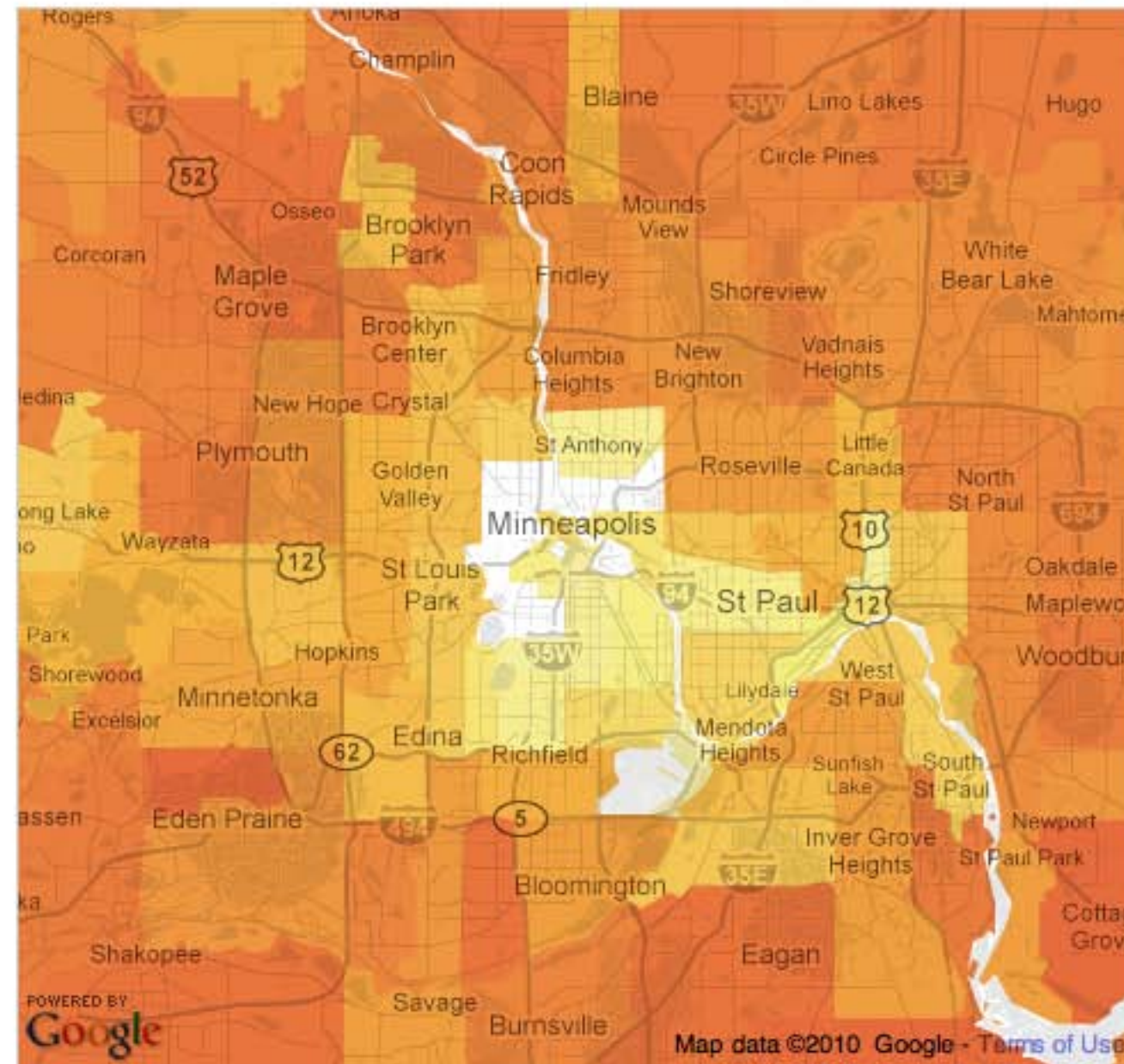
In the flat romantic comedy "New in Town," Renee Zellweger plays Lucy Hill, a shark in spike heels who wields pretentious corporate jargon like a machete. An aspiring master of the universe who works at the Miami headquarters of a food-processing giant, Lucy is dispatched to an underperforming branch in New Ulm, Minn., to oversee slash-and-burn operations. After a few minutes of listening to her running off at the mouth, you may never again want to hear "dialogue" used as a verb.

[Read Rest of NYT Review »](#)

The ZIP codes are shaded according to each movie's rank.

Ranked No. 1

No. 50



Sources: Netflix provided data on the top 50 rentals in 2009 in each ZIP code. Titles are listed in the approximate order of popularity across selected metropolitan areas. Metascores are from metacritic.com.



What's the Story?

Nothing important is ever headlined:
“Here is some data. Hope you find
something interesting.”

Running "2-scrape_yanks.rb"...

ruby 1.8.7 (2009-06-12 patch)

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12.625" vx0="-6.309" pfx_x="1.67" y="148.51" type_confidence=".928" nasty="14" p
pfx_z="10.16" end_speed="86.3" id="437" on_3b="425903" type="S" spin_dir="170.685
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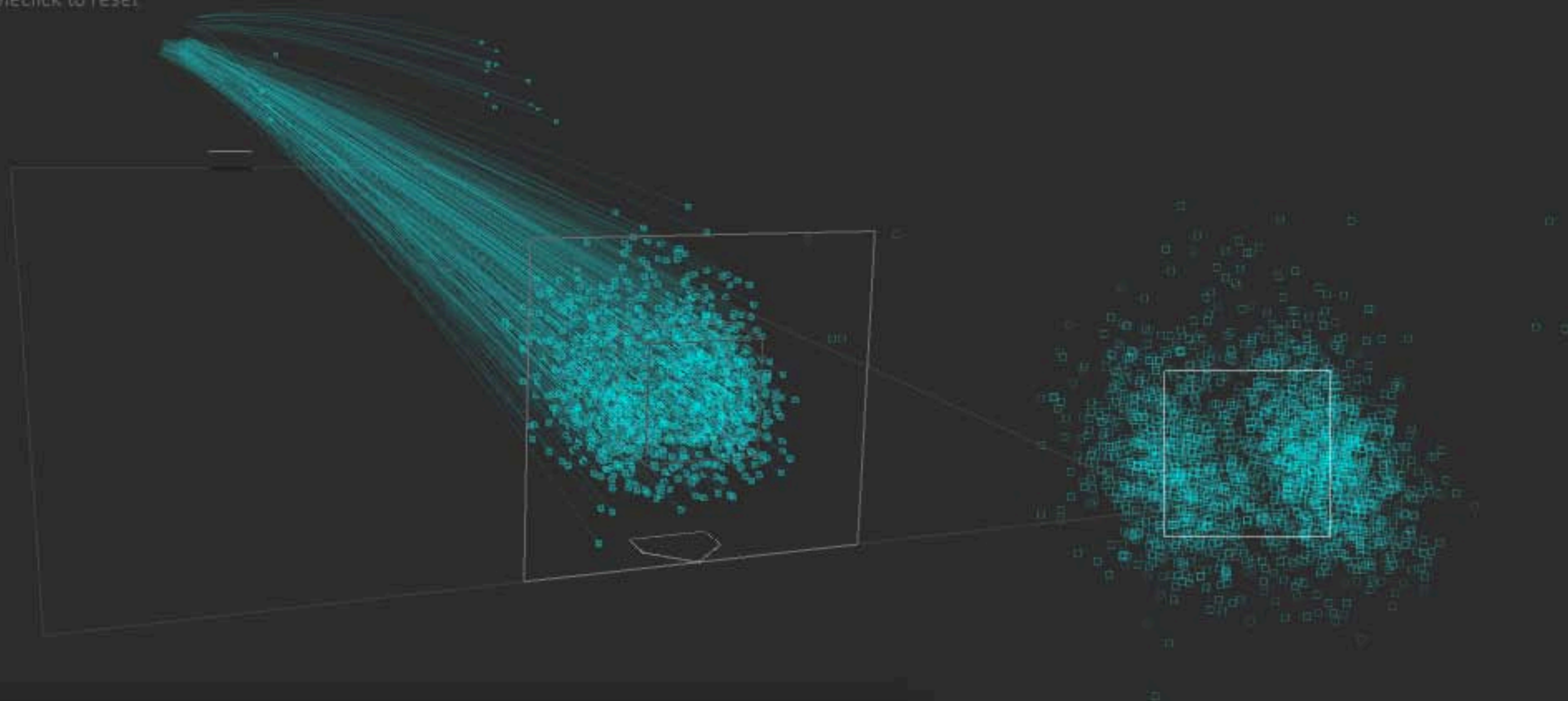
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4.153" vx0="6.198" pfx_x="-1.2" y="119.16" type_confidence=".909" nasty="73" pitc
end_speed="84.1" id="446" on_3b="425903" type="X" spin_dir="184.469" des="In play
break_length="1.2" px="0.596" sz_bot="1.56" spin_rate="3027.565" pz="3.586"></pit
```

Drag to rotate

Mousewheel to zoom

Command + drag to pan

Doubleclick to reset



0.40 BALLTIME

1.41 DISTANCEFROMPLATEFORSLICE

ALL BATTERS	ALL PITCHES	ALL OUTCOMES	ALL SEASONS
BAT RIGHT	CUTTER	BALL	07
BAT LEFT	FASTBALL	INTENT BALL	08
		CALLED STRIKE	09
		SWINGING STRIKE	10
		MISSED BUNT	
		FOUL	
		FOUL BUNT	
		FOUL TIP	
		FOUL (RUNNER GOING)	
		HIT BY PITCH	
		IN PLAY, NO OUT	
		IN PLAY, OUT(S)	
		IN PLAY, RUN(S)	

Dominating the Game with One Pitch: Mariano Rivera 2009 Pitch Database



Mariano Rivera has dominated pitching with basically one pitch: the cutter fastball. He has extreme control over the placement of his pitches compared with other pitchers. We've plotted the trajectory and outcome of every pitch Rivera threw in the 2009 season. With the filters below you can, for instance, see how he paints the corners with [fastballs to left-handed batters](#). Or, see how he fares in a [2-2 count against lefties](#).

[View more analysis »](#)

◀ ▶

TYPE OF PITCH
All ▼

PITCH COUNT
All ▼

OUTCOME OF PITCH
All ▼

BATTER HANDEDNESS
All ▼

BATTER
All ▼

Go

Displaying 1,181 Pitches

22.7% of all 2009 pitches [Link to this view](#)

OUTCOMES

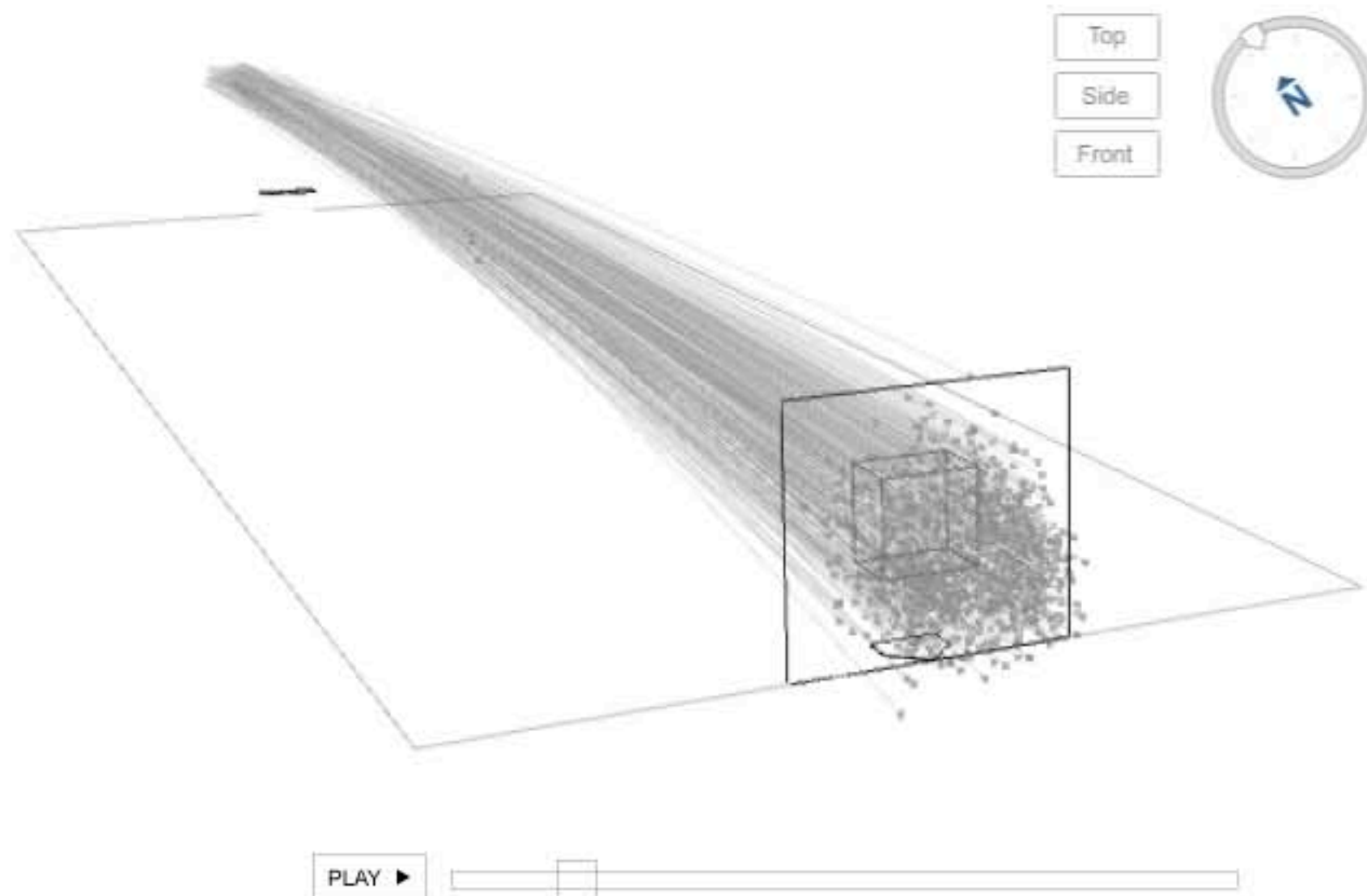
Ball	12.2%	<div></div>
Strike	30.2%	<div></div>
Safe Hit	5.2%	<div></div>
In play out	1.2%	<div></div>

MOVEMENT

Speed	92 m.p.h.	92 m.p.h.
Vertical Break	8.2 inches	8.2 inches
Horizontal Break	12.2 inches	12.2 inches

AVERAGES

Speed	92 m.p.h.	92 m.p.h.
Vertical Break	8.2 inches	8.2 inches
Horizontal Break	12.2 inches	12.2 inches



Dominating the Game with One Pitch: Mariano Rivera 2009 Pitch Database



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[View more analysis »](#)

◀ ▶

TYPE OF PITCH
All ▼

PITCH COUNT
All ▼

OUTCOME OF PITCH
All ▼

BATTER HANDEDNESS
All ▼

BATTER
All ▼

Go

Displaying 1,181 Pitches

22.7% of all 2009 pitches [Link to this view](#)

OUTCOMES

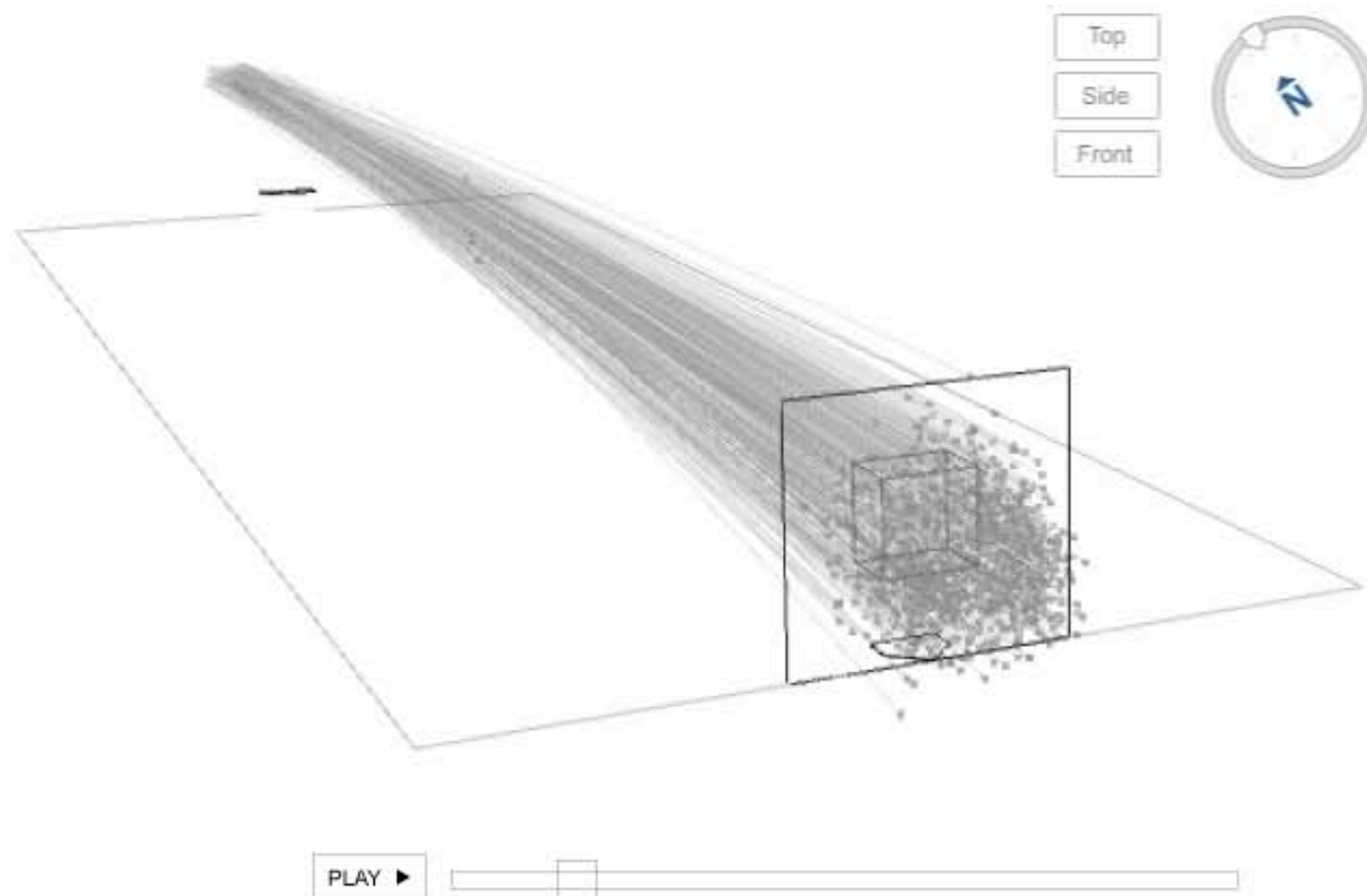
Ball	12.2%	<div></div>
Strike	30.2%	<div></div>
Safe Hit	5.2%	<div></div>
In play out	1.2%	<div></div>

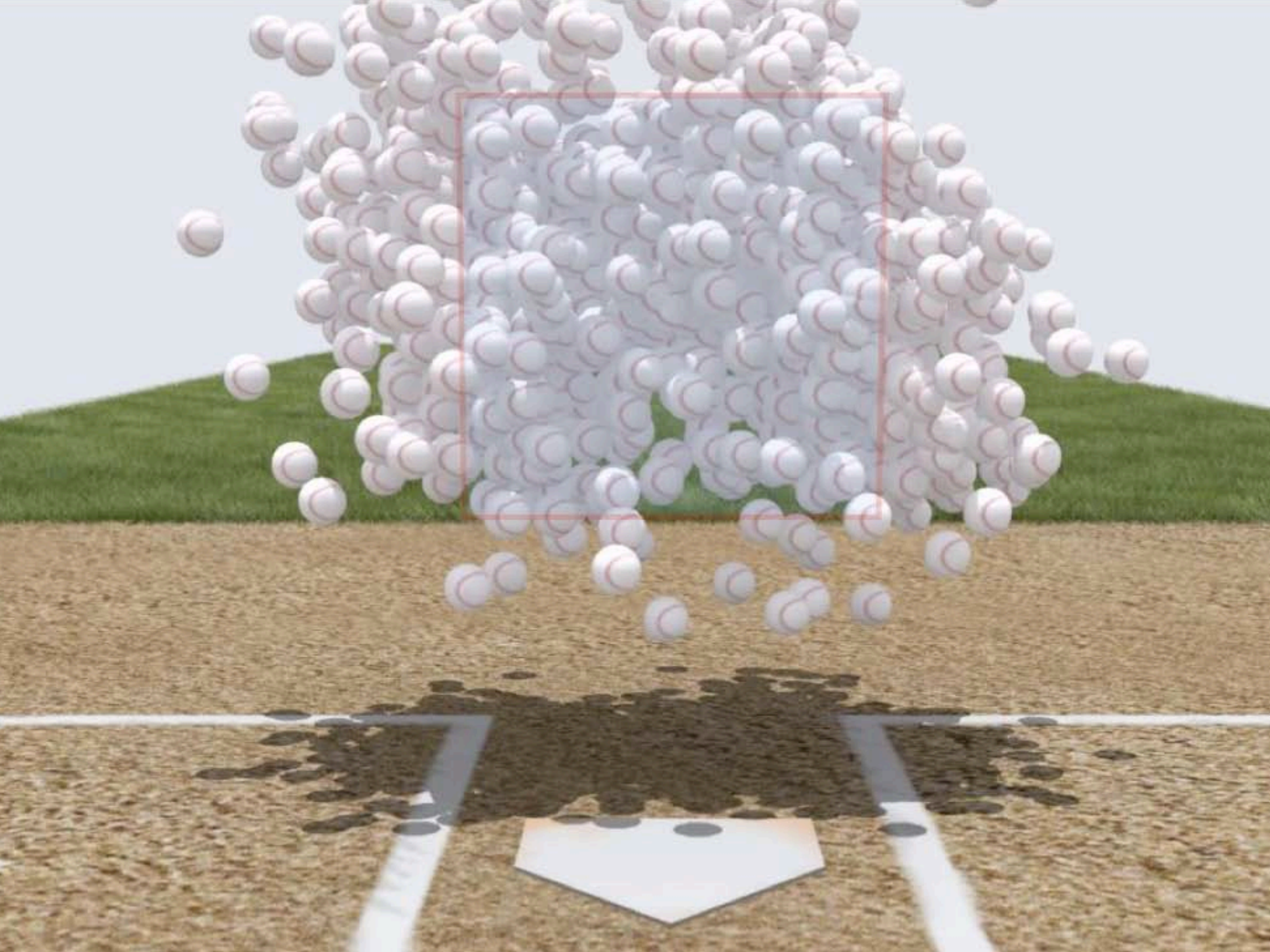
MOVEMENT

Speed	92 m.p.h.	92 m.p.h.
Vertical Break	8.2 inches	8.2 inches
Horizontal Break	12.2 inches	12.2 inches

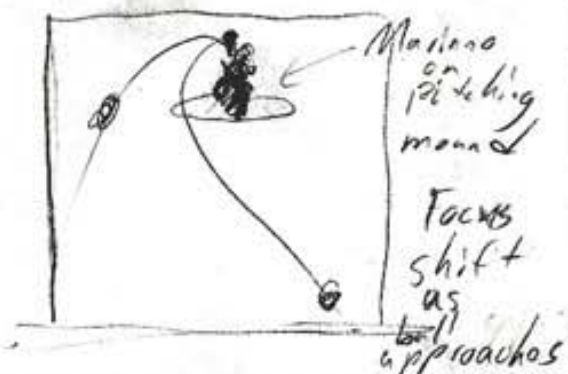
AVERAGES

Speed	92 m.p.h.	92 m.p.h.
Vertical Break	8.2 inches	8.2 inches
Horizontal Break	12.2 inches	12.2 inches





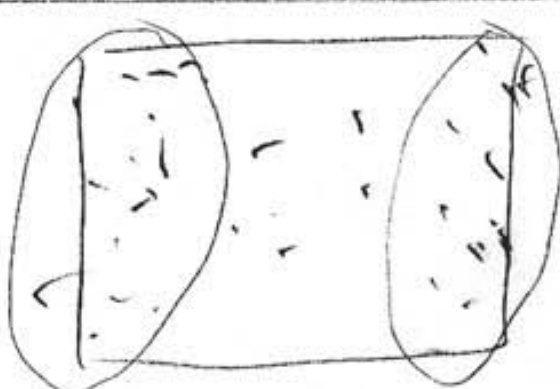
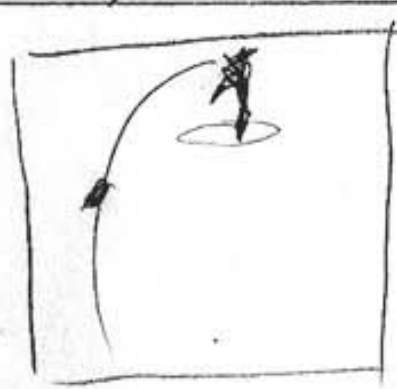
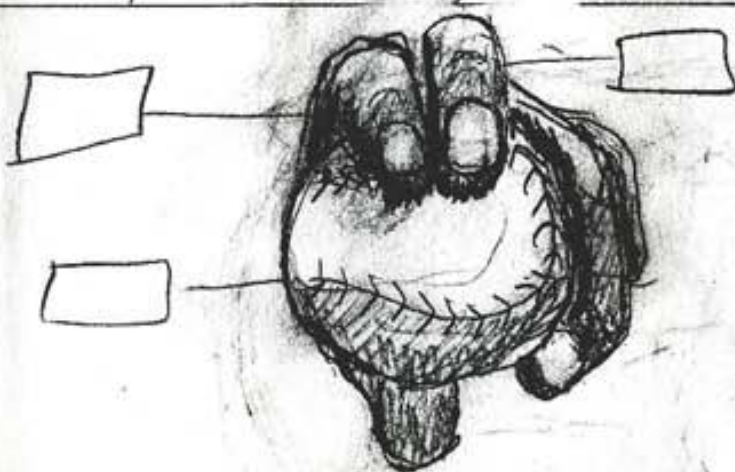
V.O.
begins



Starts w/ catcher eye view of
real pitches coming from Mariano

Pause the ball mid-path. Explain
about the pitch.

Zoom in to Mariano and
discuss the form.



Zoom in to show grips
Mariano uses.

Show another pitch than →

populate strike zone w/
all pitches from '09 sea.

2009 - Right handers

2009 - Left handers



Rotate to top view. Show
Mariano throw a pitch. Recall
all pitches thrown to righties in 09

Show all pitches to lefties,
09

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Mariano Rivera, King of the Closers



By JAMES TRAUB
Published: June 29, 2010

Before the seventh game of the 2003 American League Championship Series with the Boston Red Sox, Mariano Rivera, the New York Yankees star who is widely considered the greatest relief pitcher in the history of baseball, said a prayer. Rivera, a deeply

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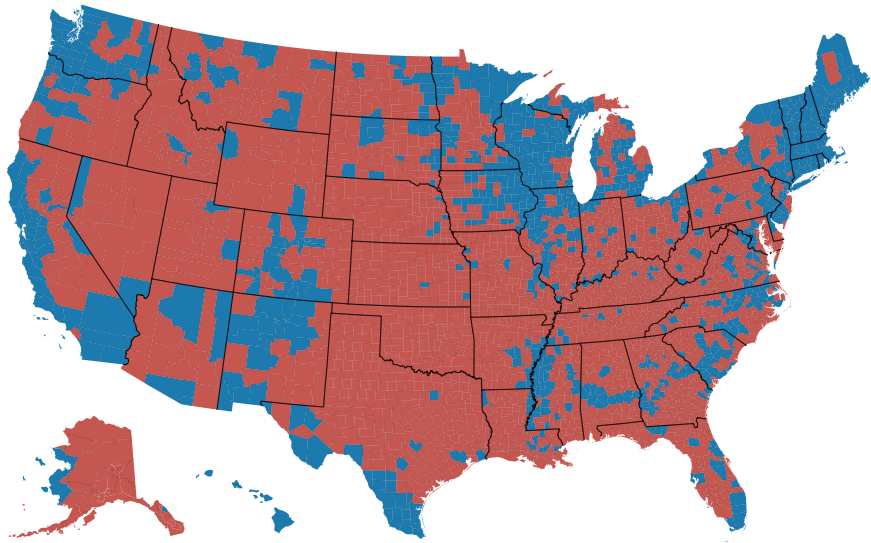
Mariano Rivera

Big Board



Experiment with Visual Forms

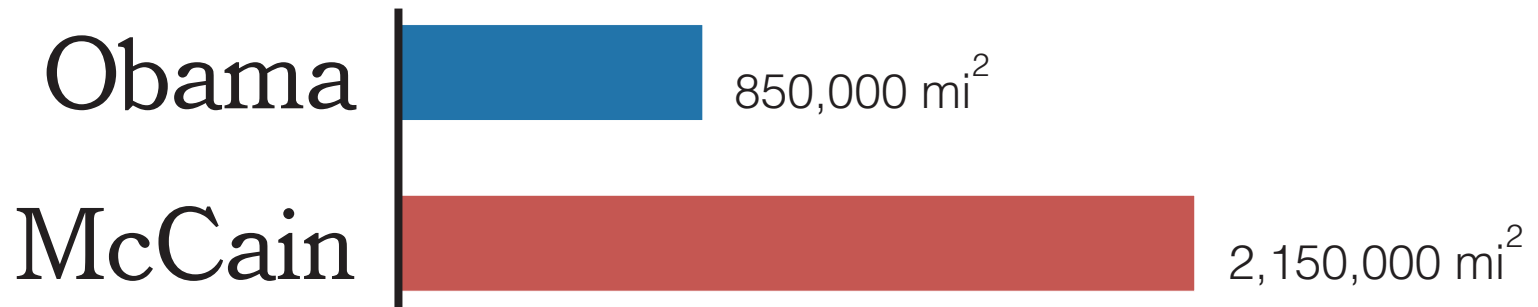
But make sure you consider
the picture you are painting.

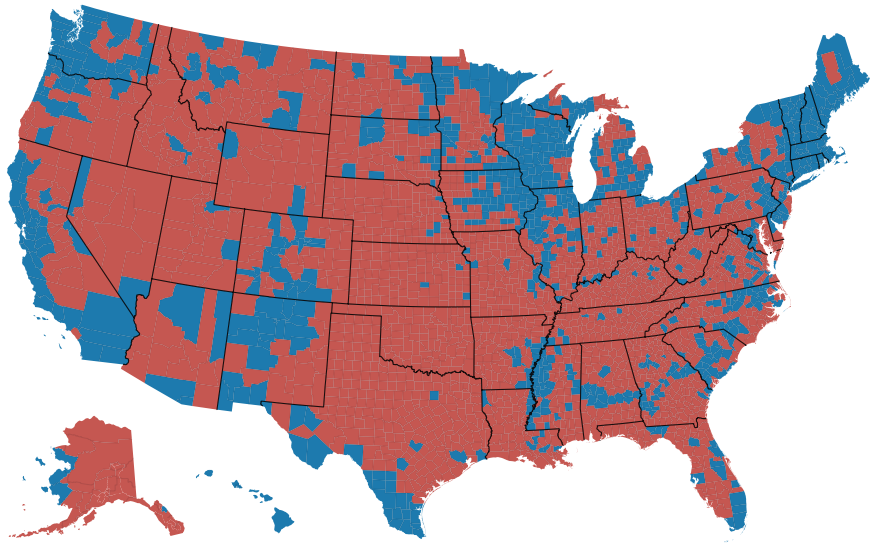


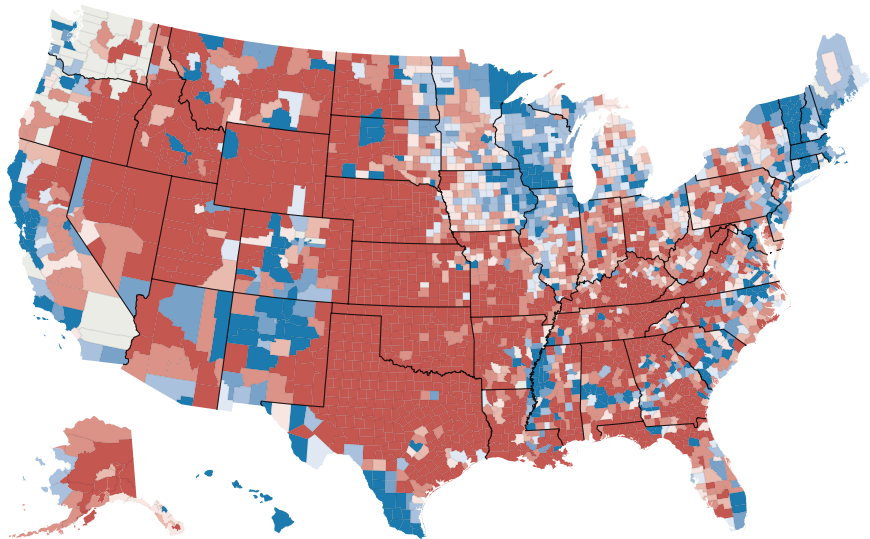
2008 Popular Vote

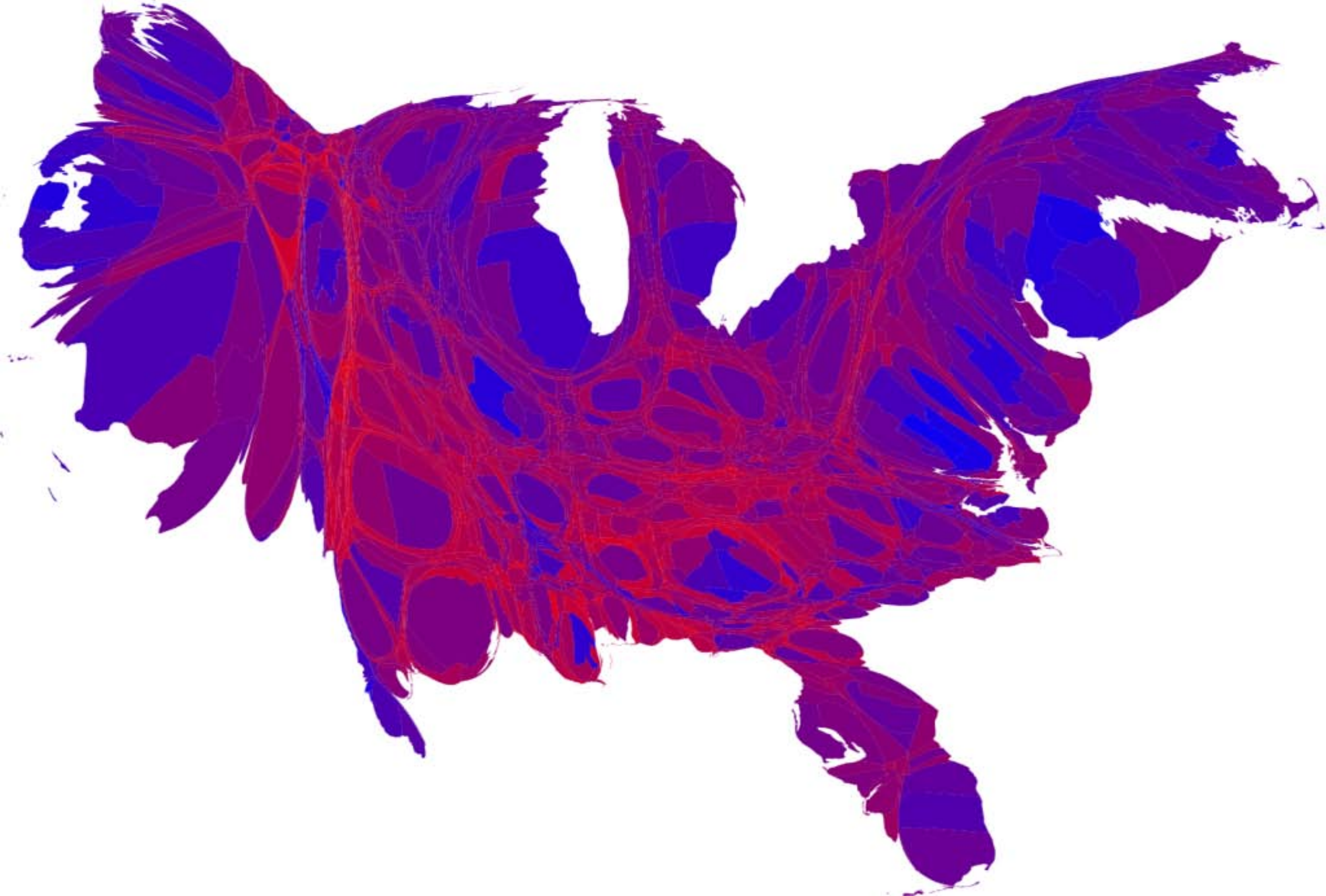


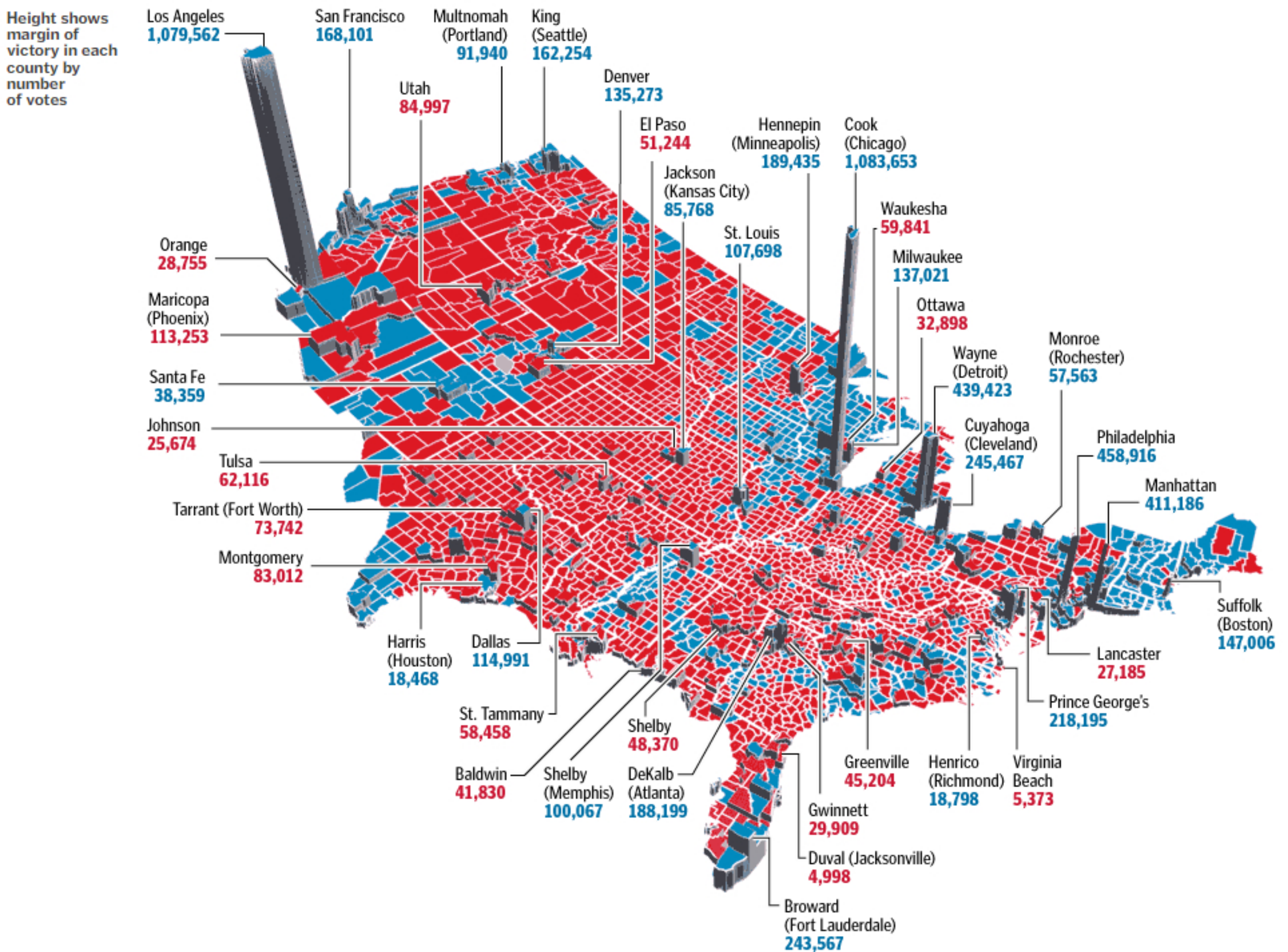
Amount of red and blue shown on map

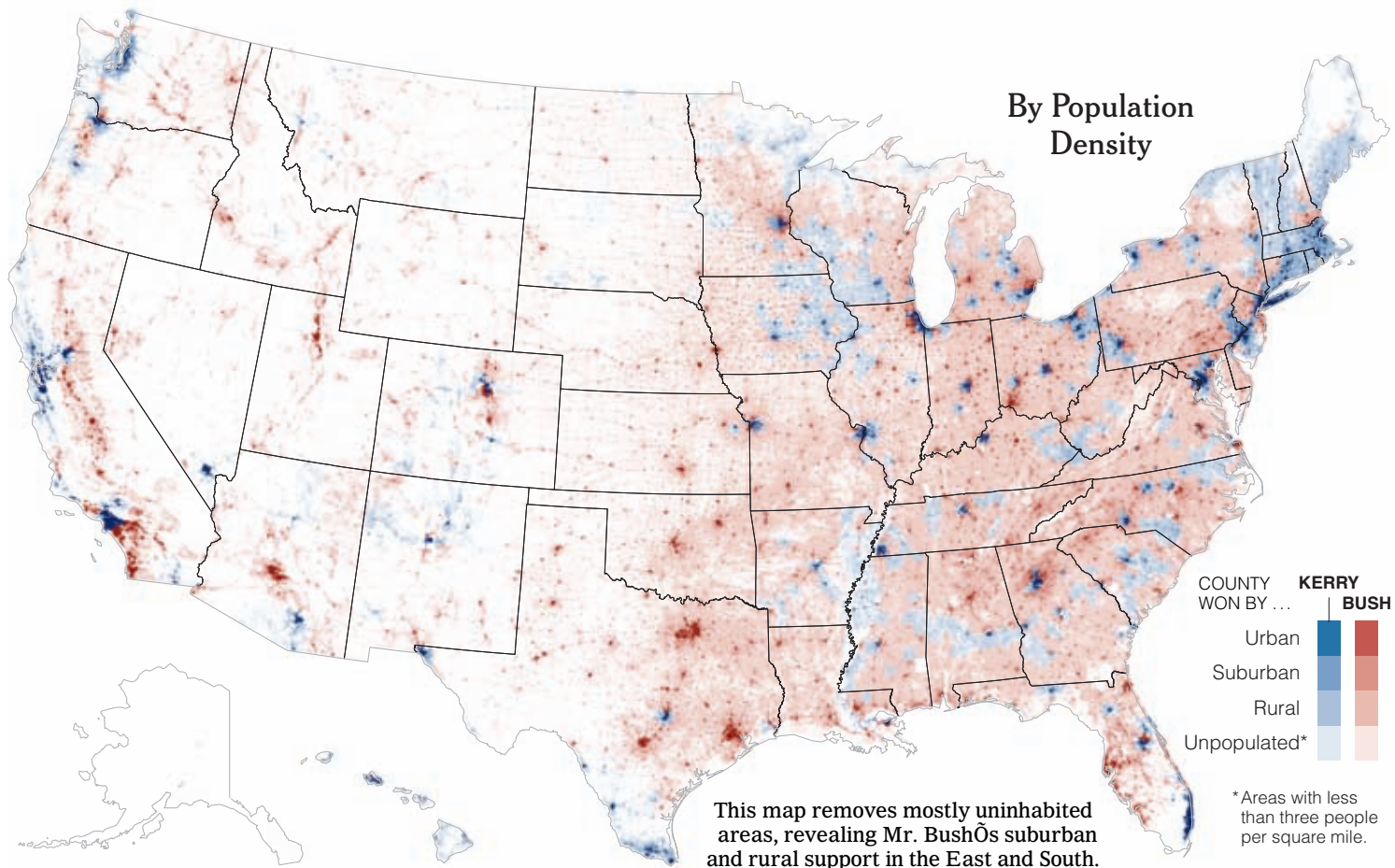


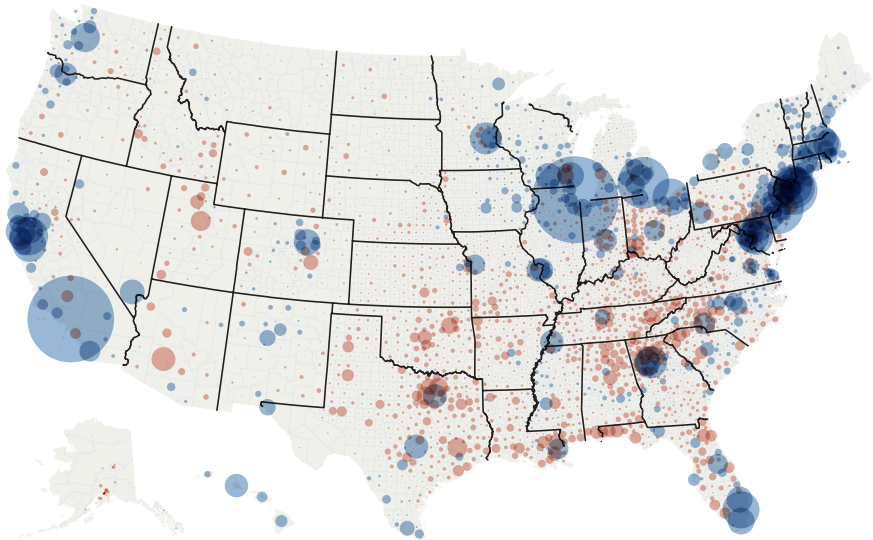














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INTERACTIVES

What to Watch for on Election Night

Layers of Ownership

As Clinton Solidifies Edge, G.O.P. Field Is Wide Open

In Democratic Race, Rivals Are Turning More Aggressive

By ADAM NAGOURNEY
and JEFF ZELENY

WASHINGTON, Sept. 22 — Senator Hillary Rodham Clinton has consolidated her early lead in the Democratic presidential contest, showing steady strength as the candidates head to ward the first voting early next year.

She has been challenged for fund-raising supremacy and news media attention by Senator Barack Obama of Illinois. Former Senator John Edwards of North Carolina beat her to the punch in introducing big policy proposals. But nothing that her main rivals have done has so far derailed Mrs. Clinton, leading them to begin rolling out aggressive new strategies aimed primarily at her, including courting black voters in South Carolina and stepping up attacks.

She has maintained solid leads in most national polls. And while polls in early voting states like Iowa and New Hampshire are of limited value in predicting the outcome, they too show her more than holding her own entering the period in which primary voters begin to make up their minds.

“I think they’ve run a great campaign,” David Axelrod, Mr. Obama’s senior adviser, said of Mrs. Clinton, of New York. “She’s been a very disciplined candidate. They’ve been deft in trying to get ahead of this tidal wave of people out there who really want change. They are doing the best they can with it.”

But Mr. Axelrod, pointing to what he saw as Mrs. Clinton’s foremost vulnerability, said:

Continued on Page 26

Republican Hopefuls Take Varying Paths in a Fluid Race

By MICHAEL COOPER
and MICHAEL LUO

The race for the Republican presidential nomination remains remarkably fluid, with important constituencies like evangelical voters having yet to settle on a candidate, and the late entrance of former Senator Fred D. Thompson generating little excitement.

With the state of play so unsettled and Republicans still grappling with the political implications of the Iraq war and President Bush’s weakness, the leading contenders are plotting out strikingly different road maps to the nomination.

Mitt Romney’s senior advisers met recently in Boston to present him with a blueprint for the next four months centered on what some call a kindling strategy — the belief that early victories in places like Iowa, Michigan and New Hampshire will make him impossible to stop by Feb. 5, when a crush of other states vote at once. He has spent heavily on advertising and building field operations in the early states, gambling that he will have enough money to hold off later onslaughts by competitors who have so far spent more sparingly.

The Thompson campaign, by contrast, starts from the premise that the unsettled early primary season and the lack of a clear front-runner have created a chaotic race that they can capitalize on, despite a bumpy start that left some Republicans wondering if Mr. Thompson was fully prepared and engaged. Theirs is a

Continued on Page 26

Nuance and Resolve in Rulings By Attorney General Nominee

By ADAM LIPTAK

In his 18 years on the federal bench, Judge Michael B. Mukasey issued more than 1,500 decisions concerning matters as cataclysmic as the Holocaust and as mundane as milk, beer and cigarettes.

In his opinions, Judge Mukasey comes across as fiercely intelligent, prickly, impatient, practical, and suspicious of abstract

leniency to people convicted of immigration offenses but lit the mercy to white collar criminals.

Judge Mukasey’s opinions reveal a temperament and legal philosophy more complex than the one suggested by the handful of terrorism cases that prompted his nomination last week for attorney general.

In these cases, Judge Mukasey

At Many Homes, More Profit and Less Nursing

Insulated From Lawsuits, Private Investors Cut Costs and Staff



Alice Garcia, with her granddaughter Jacquelyn Hewitt in 1995. Mrs. Garcia, who had Alzheimer’s disease, died in 2003 after a bed-sore became infected at Habana Health Care Center in Tampa, Fla.

By CHARLES DUHIGG

Habana Health Care Center, a 150-bed nursing home in Tampa, Fla., was struggling when a group of large private investment firms purchased it and 48 other nursing homes in 2002.

The facility’s managers quickly cut costs. Within months, the number of clinically registered nurses at the home was half what it had been a year earlier, records collected by the Centers for Medicare and Medicaid Services indicate. Budgets for nursing supplies, resident activities and other services also fell, according to Florida’s Agency for Health Care Administration.

The investors and operators were soon earning millions of dollars a year from their 49 homes.

Residents fared less well. Over three years, 15 at Habana died from what their families contend was negligent care in lawsuits filed in state court. Regulators repeatedly warned the home that staff levels were below mandatory minimums. When regulators visited, they found malfunctioning fire doors, unhygienic kitchens and a resident using a leg brace that was broken.

“They’ve created a hellhole,” said Vivian Hewitt, who sued Habana in 2004 when her mother died after a large bed sore be-

GOLDEN OPPORTUNITIES

A Lucrative Maze

came infected by feces.

Habana is one of thousands of nursing homes across the nation that large Wall Street investment companies have bought or agreed to acquire in recent years.

Those investors include prominent private equity firms like Warburg Pincus and the Carlyle Group, better known for buying companies like Dunkin’ Donuts.

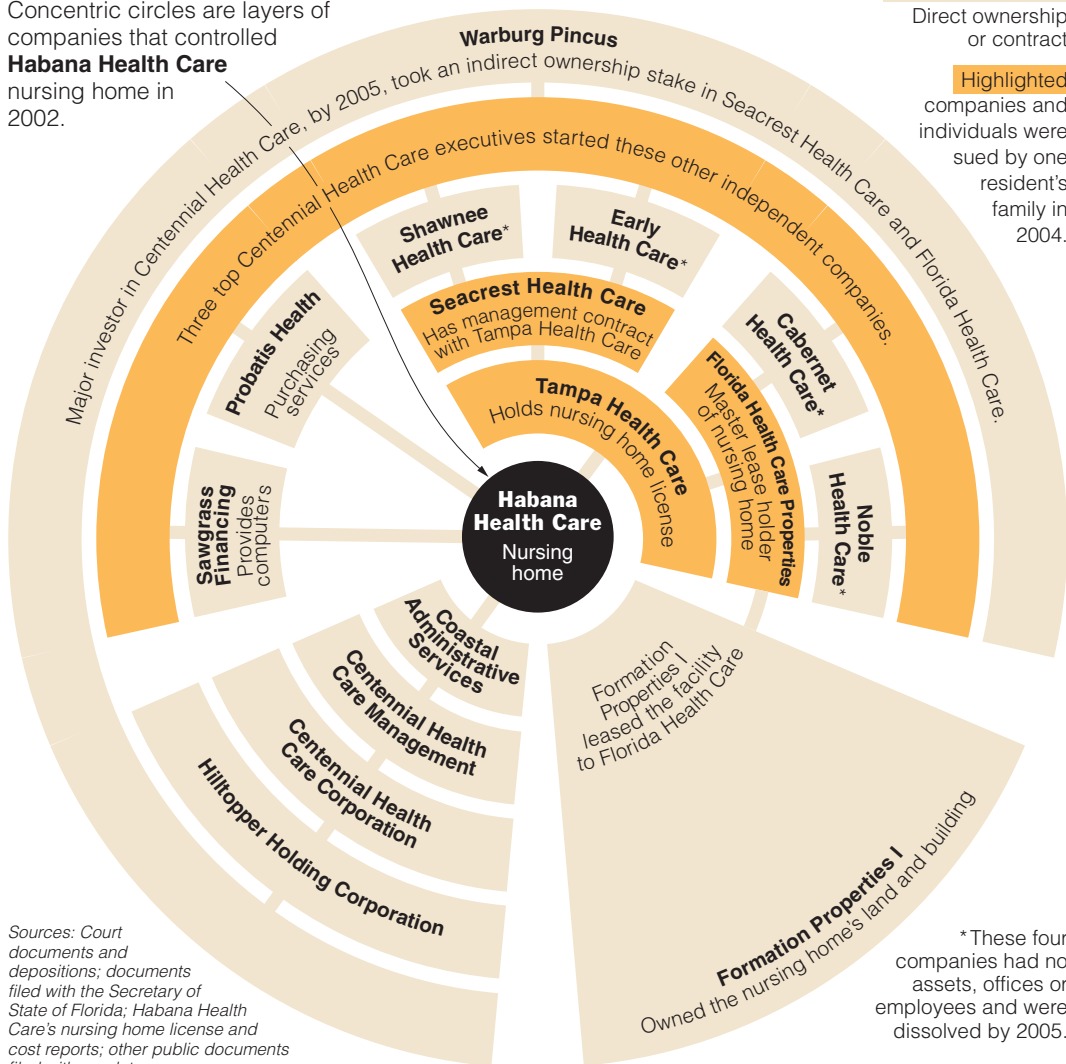
As such investors have acquired nursing homes, they have often reduced costs, increased profits and quickly resold facilities for significant gains.

But by many regulatory benchmarks, residents at those nursing homes are worse off, on average, than they were under previous owners, according to an analysis by The New York Times of data collected by government agen-

Continued on Page 34

LAYERS OF OWNERSHIP Formation Properties purchased the Habana Health Care Center and 48 other Florida nursing homes in 2002 and leased the facilities to executives backed by Warburg Pincus. Those executives created a complex corporate structure around each nursing home. As a result, many profits were shielded from lawsuits.

Concentric circles are layers of companies that controlled Habana Health Care nursing home in 2002.



Sources: Court documents and depositions; documents filed with the Secretary of State of Florida; Habana Health Care’s nursing home license and cost reports; other public documents filed with regulators.

KARL RUSSELL/THE NEW YORK TIMES

Security Firm Faces Criminal Charges in Iraq

By JAMES GLANZ
and SABRINA TAVERNISE

American side in the early days of a joint investigation of the shooting, which involved the company, Blackwater USA, and

Ministry and the Defense Ministry stated that “the murder of citizens in cold blood in the Nisour area by Blackwater is

INSIDE

\$50 Billion Increase Is Sought for Military

The Bush administration plans

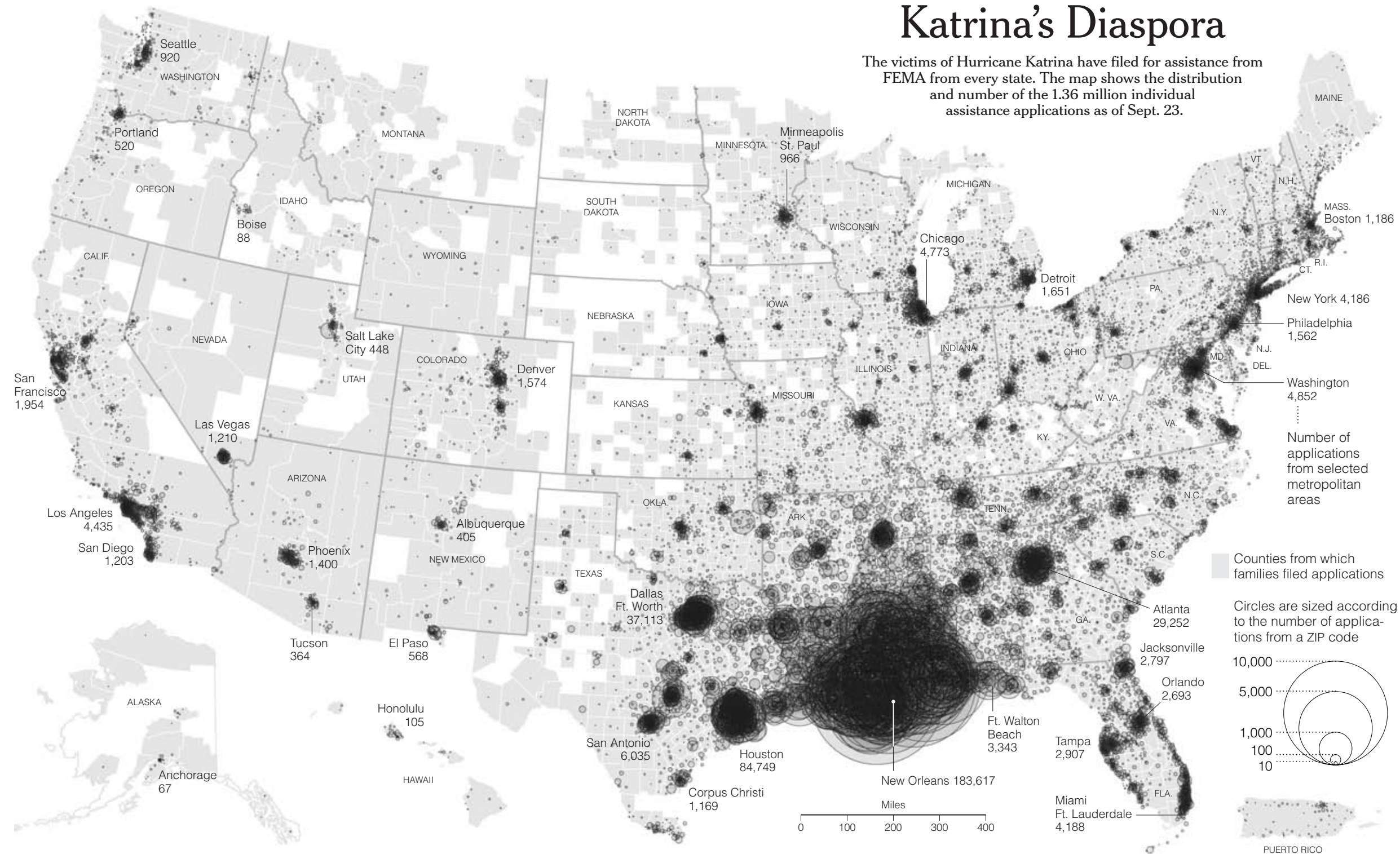


Consider The User

What is the visualization telling them?
How are they going to use the graphic?

Katrina's Diaspora

The victims of Hurricane Katrina have filed for assistance from FEMA from every state. The map shows the distribution and number of the 1.36 million individual assistance applications as of Sept. 23.



They are scattered through all 50 states, the District of Columbia and Puerto Rico — 623 in Utah, 1,114 in Kansas, 101 way out in Alaska. They are clustered by the thousands in large Southern cities like Dallas, Atlanta and Memphis, and huddled in handfuls in unlikely hamlets like Shell Knob, Mo. (pop. 1,393) and Fountain Run, Ky. (pop. 236).

Evacuees fled Hurricane Katrina and the floods that followed in caravans of cars and fleets of buses, on helicopters and chartered planes, by boat and, a few, on foot. A month after the storm, a map

emerges of where they landed, based on ZIP codes from which applications for aid were submitted to the Federal Emergency Management Agency as of Sept. 23.

Of 1,356,704 applications, 86 percent came from Louisiana, Mississippi, Texas and Alabama. But 35,539 families were more than 1,000 miles from the Gulf — among the farthest: one in Nome, Alaska, 3,931 miles from the French Quarter and another in Lihue, Hawaii, 4,279 miles away.

Residents of New Orleans, a city that was two-thirds black, seem to have flocked to the nation's African-American population

centers. On average, the applicants came from counties where blacks were 28 percent of the population, more than twice the national average.

Baton Rouge, La., appears to be temporary home to 10 percent of evacuees, Houston 6.25 percent. But after the top 18 hubs, applicants are spread like the wind that whipped through their old neighborhoods: none of the other 900-plus metropolitan areas has even 1 percent of the total.

Some 4,000 ZIP codes — among them Pocahtontas, Miss.; Promise City, Iowa; and Hope, Mich. — had just one applicant.

Applications by state

Louisiana	523,149	38.6%
Mississippi	383,840	28.3%
Texas	156,895	11.6%
Alabama	109,469	8.1%
Georgia	35,342	2.6%
Florida	31,005	2.3%
Tennessee	15,529	1.1%
Arkansas	11,027	0.8%
California	10,953	0.8%
Illinois	6,430	0.5%
Others	73,065	5.4%

Applications by distance from New Orleans

MILES	APPLICANTS	PCT.
0-100	626,232	46.2%
100-200	338,080	24.9%
200-400	184,169	13.6%
400-800	143,497	10.6%
800-1,600	45,371	3.3%
1,600-3,200	13,403	1.0%
3,200+	232	0.0%

Distances could not be calculated for 0.4 percent of applications.

Sources: FEMA; Census Bureau; Queens College Sociology Department
Matthew Ericson, Archie Tse and Jodi Wilgoren/The New York Times

INTERACTIVES

What's in Your Water

Olympic Symphony

Budget Puzzle

Thanks!