

DATAVIZ

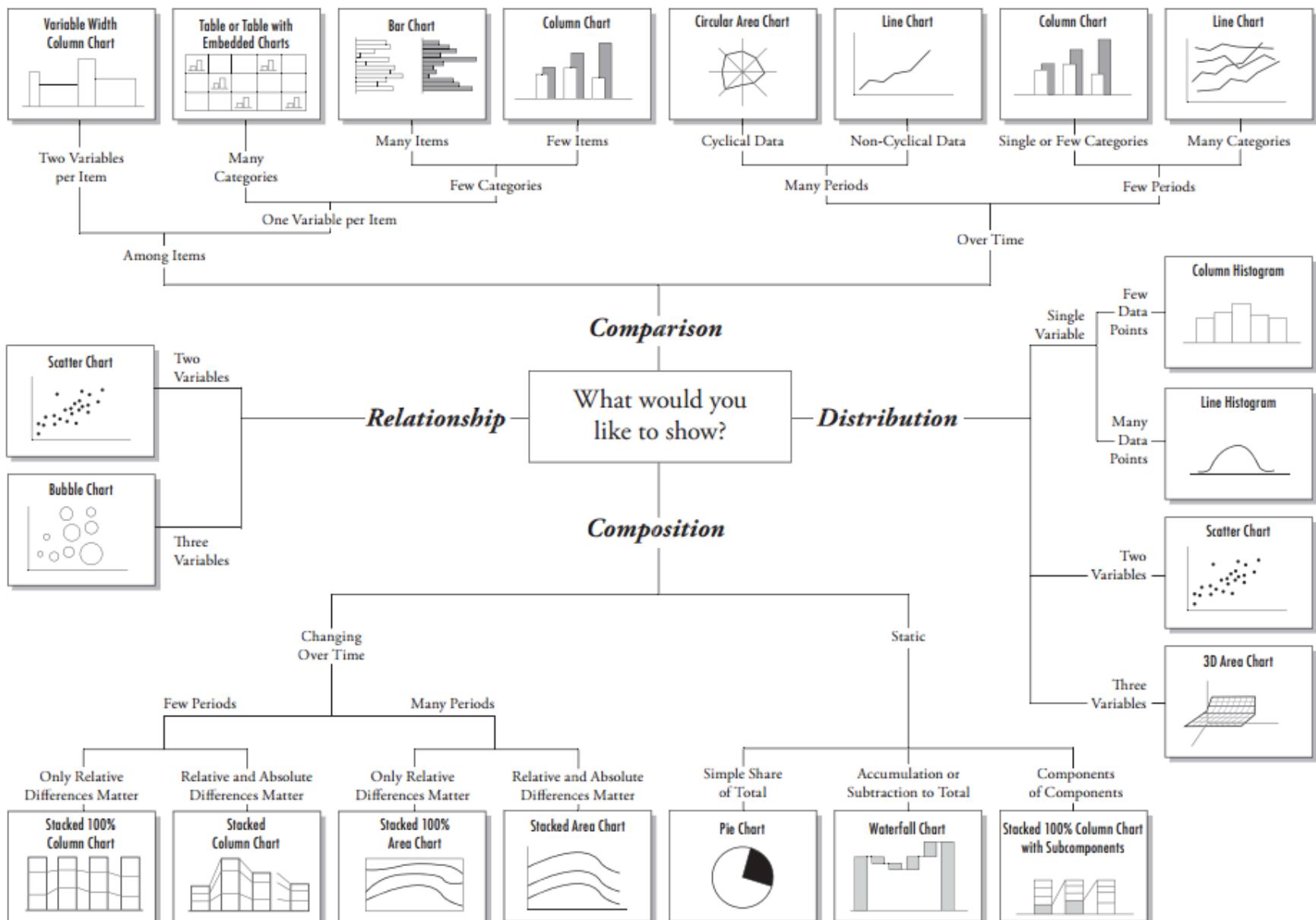
how to design with data



PICK A FORM THAT FITS

Reveal what's unique about the data

Chart Suggestions—A Thought-Starter



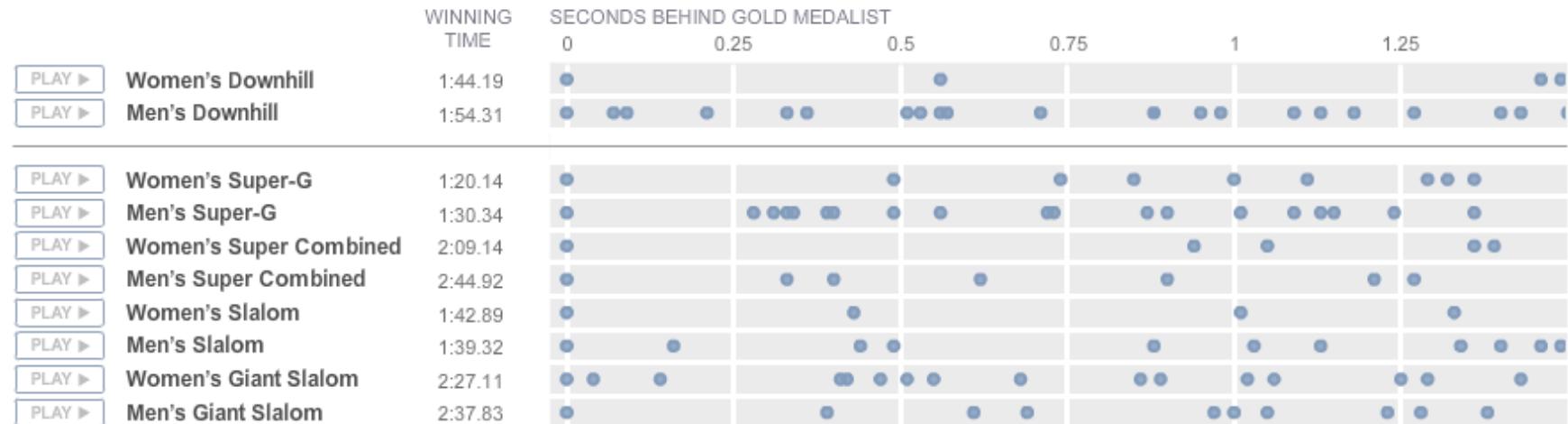
Fractions of a Second: An Olympic Musical

At the Olympics, the blink of an eye can be all that separates the gold medalist from the 10th-place finisher. In some events, this is obvious. But in others, with athletes racing one by one, the closeness of the race is harder to perceive. Listen to the differences below.



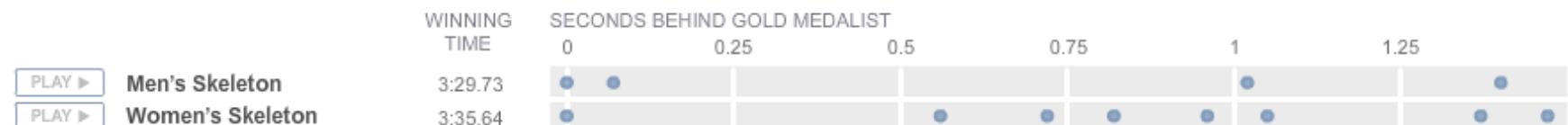
Alpine skiing

The women's downhill course was extremely tiring, and, because it was more challenging than the men's course, it ended up separating the skiers by much larger margins. This pattern appears in the two speed events: the downhill and the super-G.



Skeleton, Bobsled and Luge

In percentage terms, the men's skeleton had one of the tightest finishes in Vancouver, with only .07 of a second separating the top two finishers across a three-and-a-half-minute run. But the difficult track produced speeds higher than expected, and many sliding events had relatively large gaps between gold and silver.



↑ Fashion stuff!

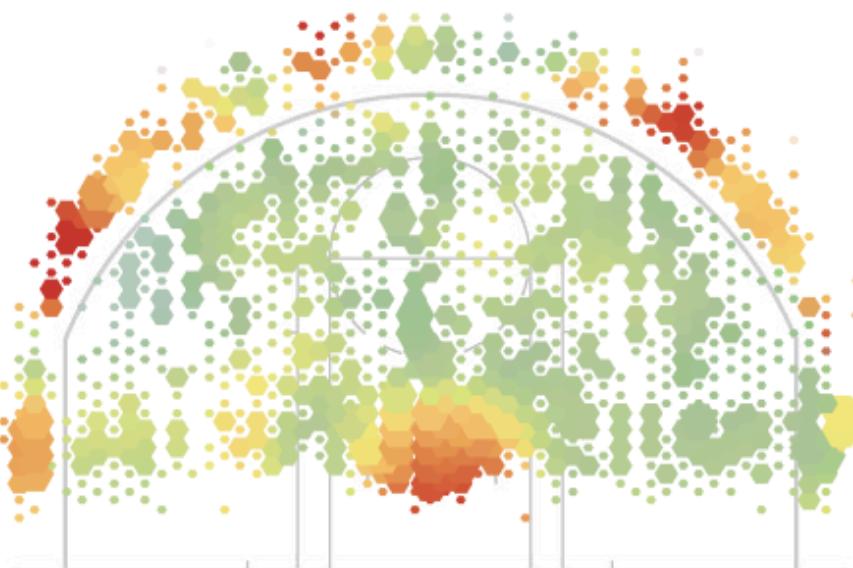
Where the Heat and the Thunder Hit Their Shots

The shooting patterns for the players on the Miami Heat and the Oklahoma City Thunder reveal where they are most dangerous on the court. Below, compare each player's strengths using court maps and analysis by Kirk Goldsberry, a geography professor at Michigan State. [Related Article »](#)



Miami Heat

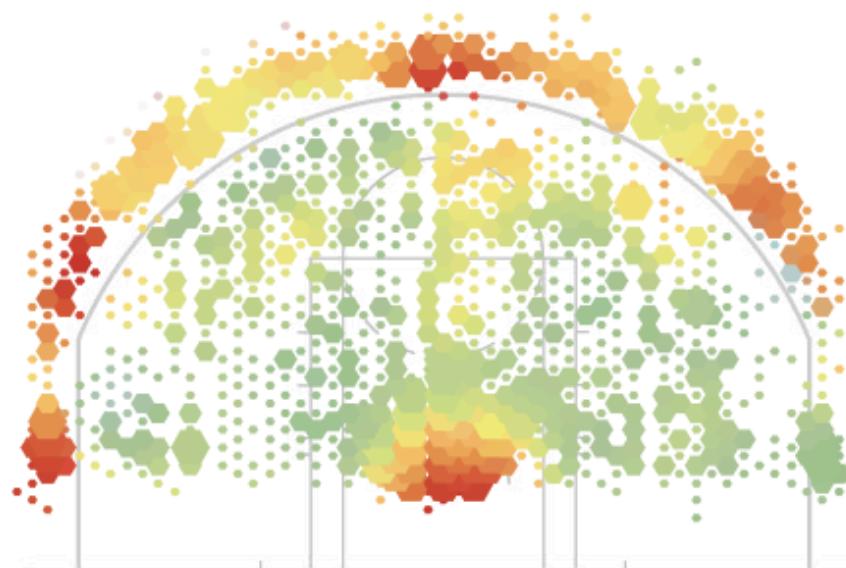
TOTAL SHOTS **5,209** | POINTS PER SHOT **1.01** | F.G. PERCENT **47%**



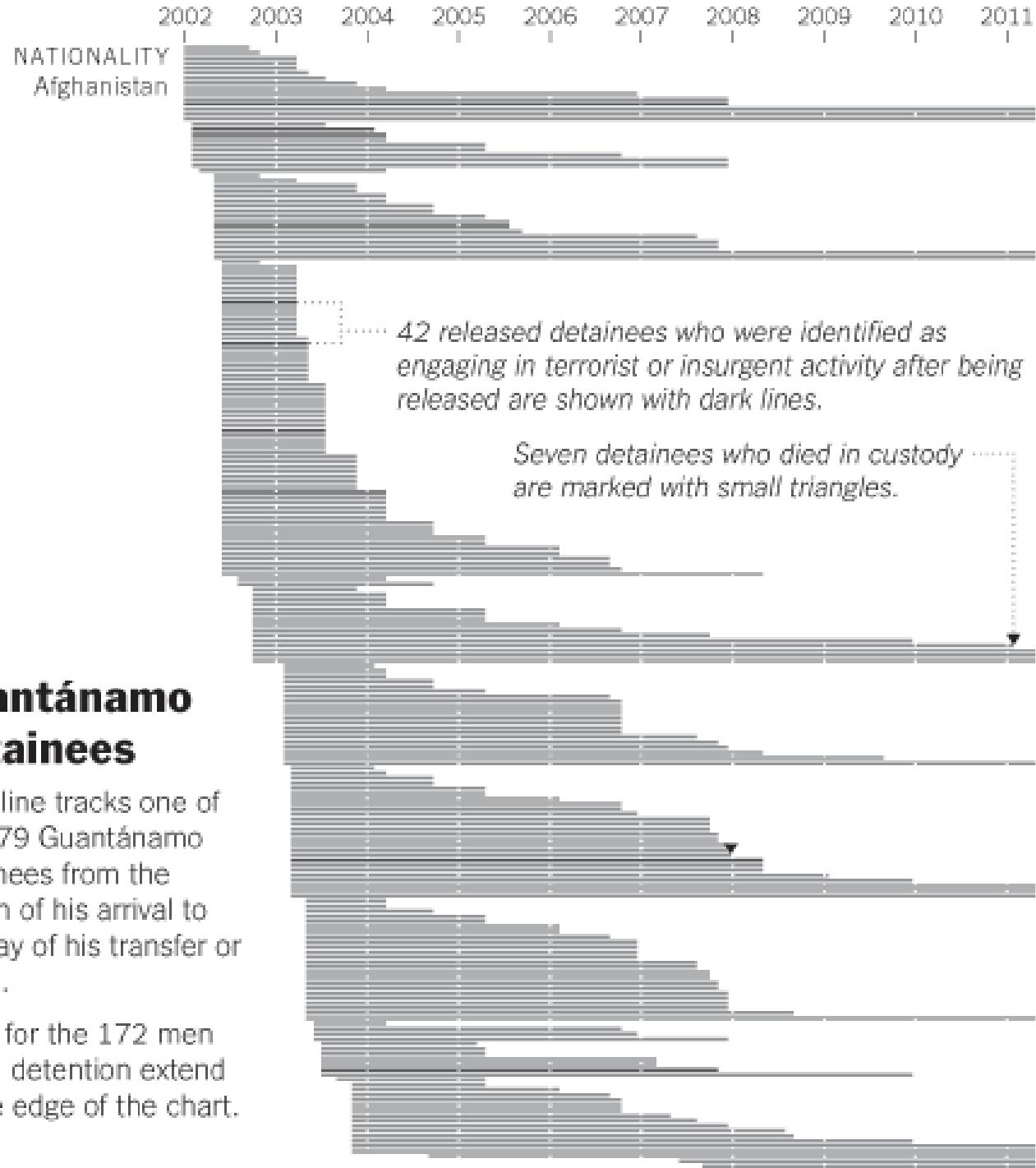
The Heat rely on player positioning to create isolation plays for LeBron James and Dwyane Wade, often on the left side. The Heat take many fewer 3-point shots than the Thunder.

Oklahoma City Thunder

TOTAL SHOTS **5,228** | POINTS PER SHOT **1.03** | F.G. PERCENT **47.1%**



The Thunder are effective from almost any area on the court and shoot many more 3-point shots than the league average. Kevin Durant and James Harden are potent from the top of the arc.



Guantánamo Detainees

Each line tracks one of the 779 Guantánamo detainees from the month of his arrival to the day of his transfer or death.

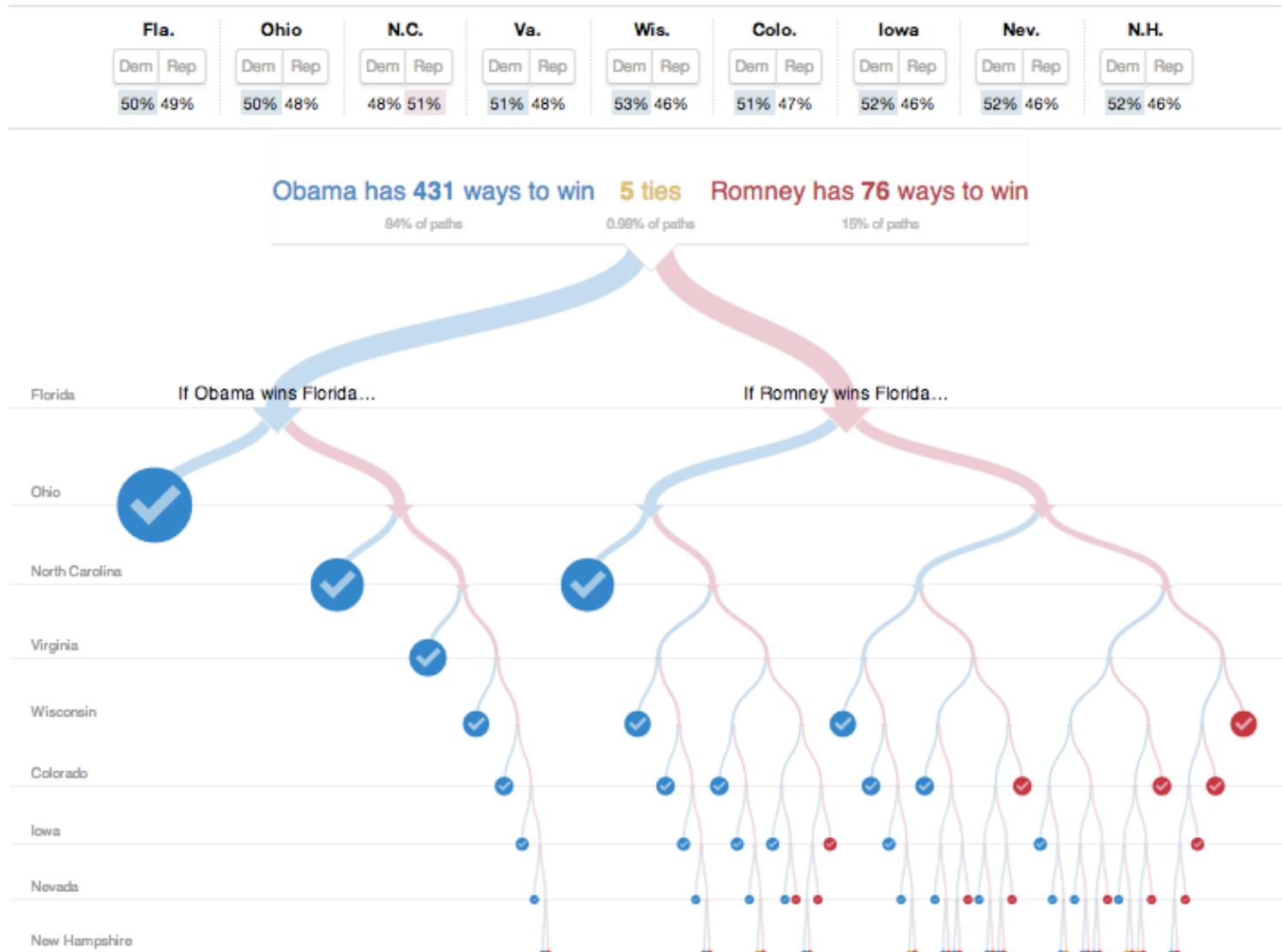
Lines for the 172 men still in detention extend to the edge of the chart.

Paths to the White House

[FACEBOOK](#) [TWITTER](#)

[Map](#) | [Big Board](#) | **Scenarios** | [Exit Polls](#)

President Obama won a clear victory, but his popular vote margin in several battleground states was very thin. Select a winner in the most competitive states below to explore alternate electoral outcomes.



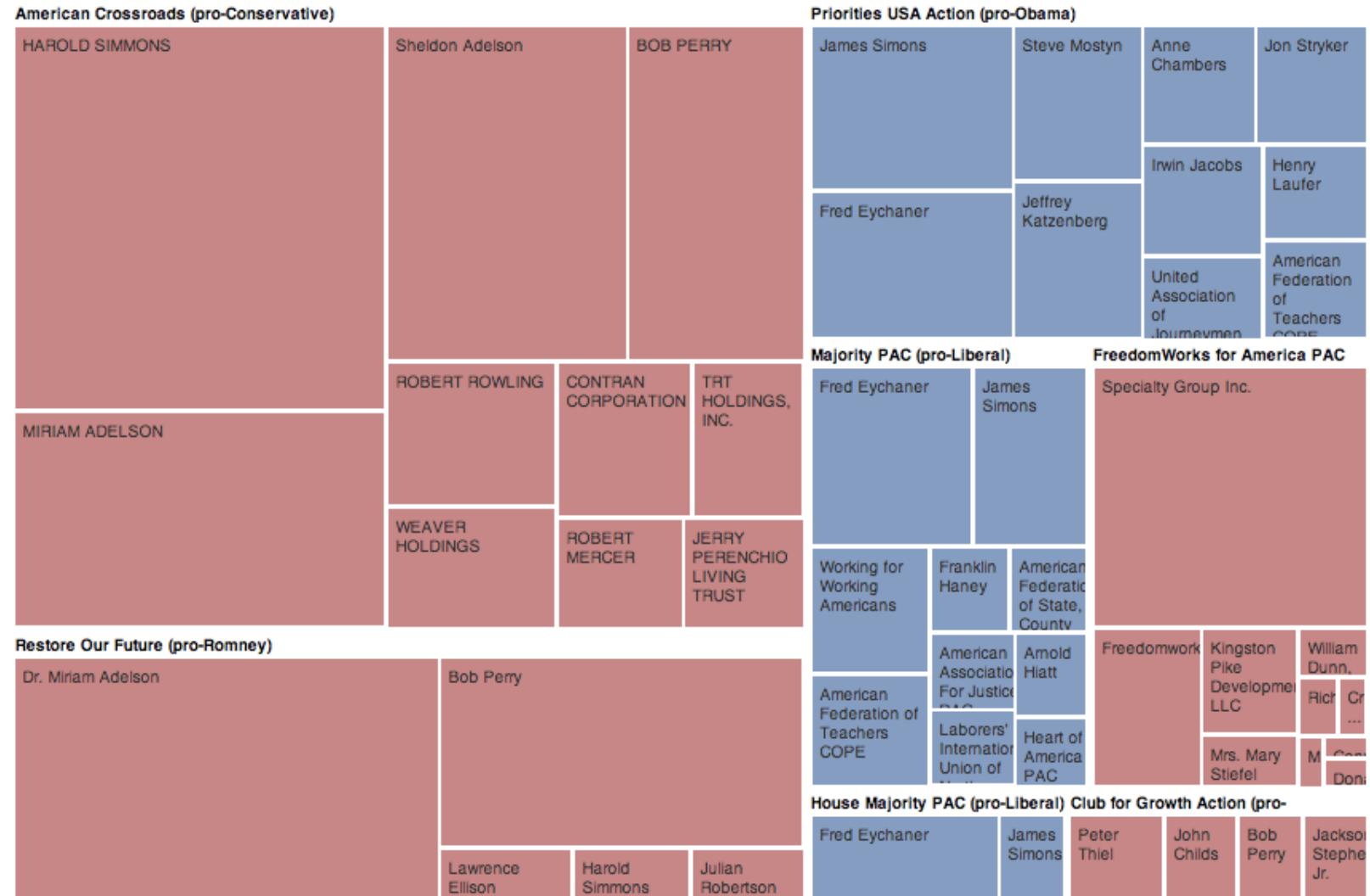
Who are the Super PACs' Biggest Donors?

By Al Shaw, ProPublica. Updated December 7, 2012

This chart shows the share of all contributions given by the top ten donors to super PACs still active in the 2012 election, through November, 2012. Some corporations are affiliated with individual donors, such as the Contran Corporation, which is owned by Harold Simmons | [See all contributions at PAC Track »](#)

Hover over each super PAC's name to see the total raised by its top ten donors, and hover over each donor to see how much they gave. Click a month to see top donors' contributions as of that month.

« PREVIOUS Jan. Feb. March April May June July Aug. Sept. Oct. Nov. NEXT »



The United States
Unlimited
(we found 500 grams)



Acetaminophen Around the World

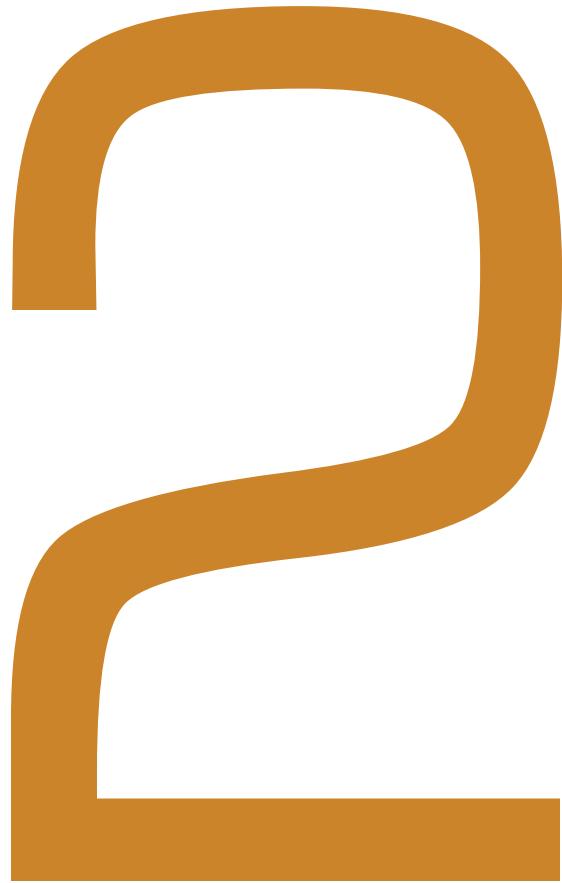
See how much acetaminophen you can buy in the United States compared to England, Germany, and Mexico. Each jar contains the maximum amount of acetaminophen allowed in a single package. Each gram is the equivalent of two Extra Strength Tylenol tablets.

England
16 grams

Germany
10 grams

Mexico
10 grams

PHOTO: LARS KLOVE FOR PROPUBLICA

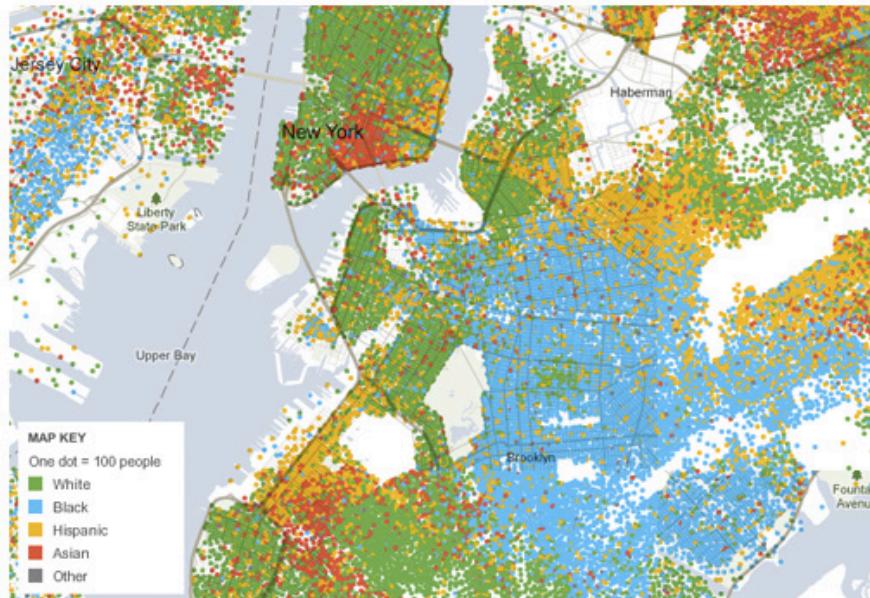


ITS NOT ALWAYS A MAP

Sometimes maps shouldn't be maps

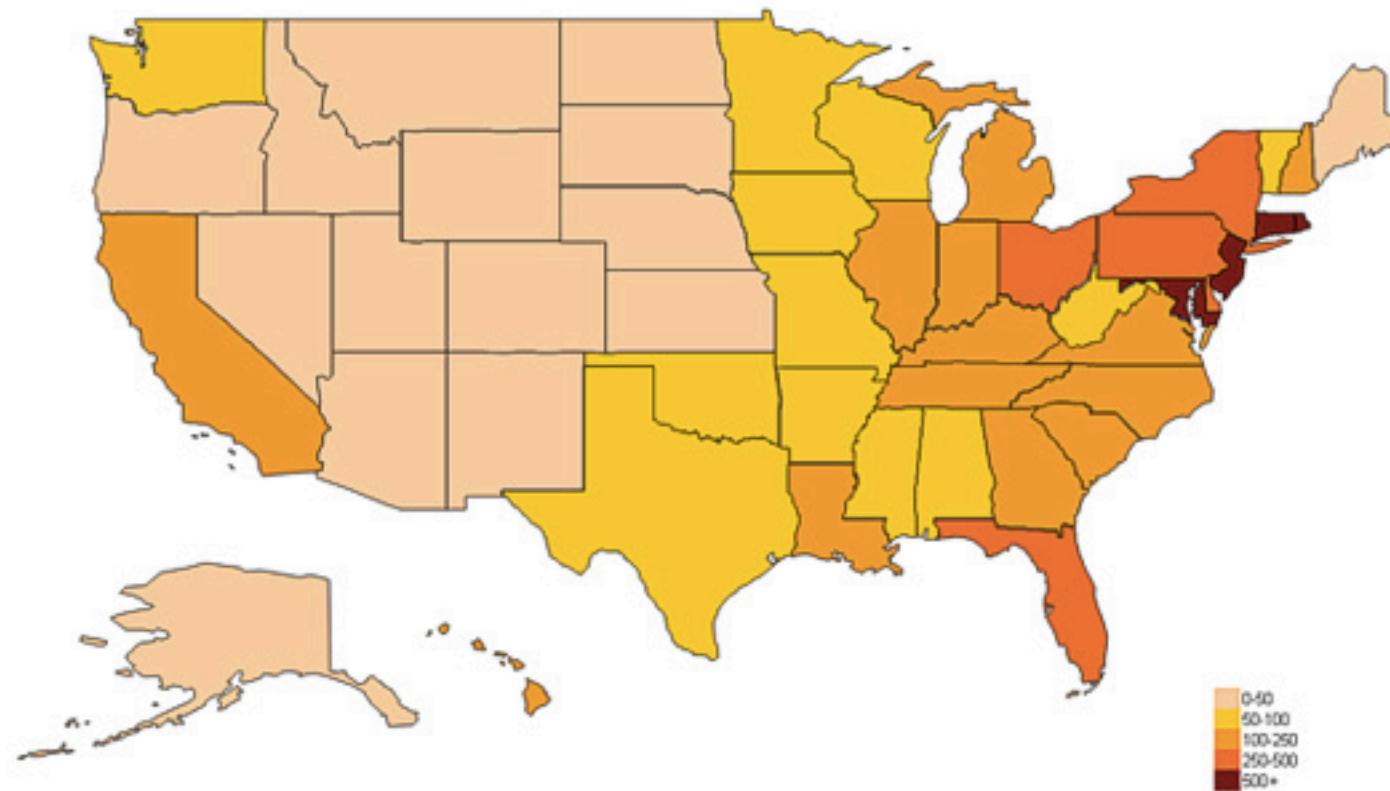
When Maps Shouldn't Be Maps

Fri Oct 14 2011 11:12 AM EDT | 21 Comments



Often, when you get data that is organized by geography — say, for example, food stamp rates in every county, high school graduation rates in every state, election results in every House district, racial and ethnic distributions in each census tract — the impulse is since the data **CAN** be mapped, the best way to present the data **MUST** be a map. You plug the data into ArcView, join it up with a shapefile, export to Illustrator, clean up the styles and voilà! Instant graphic ready to be published.

POPULATION DENSITY BY STATE



193 Democrats

0
undecided

Republicans **242**

-63 Seats

218 for majority

255 Dem. before election

Seats
Need +39 seats for control **+63**

Show results for: All Districts

GAIN WIN LEAD

Democrats expected to win easily

District	Dem.	Rep.	% Rpt.
Ala. 7	72%	28%	100%
Ariz. 4	67%	28%	100%
Calif. 1	63%	31%	100%
Calif. 5	72%	25%	100%
Calif. 6	66%	30%	100%
Calif. 7	68%	32%	100%
Calif. 8	80%	15%	100%
Calif. 9	84%	11%	100%
Calif. 10	59%	38%	100%
Calif. 12	76%	22%	100%
Calif. 13	72%	28%	100%
Calif. 14	69%	28%	100%
Calif. 15	68%	32%	100%
Calif. 16	68%	24%	100%
Calif. 17	67%	26%	100%
Calif. 23	58%	38%	100%
Calif. 27	65%	35%	100%
Calif. 28	70%	22%	100%
Calif. 29	65%	32%	100%
Calif. 30	65%	32%	100%
Calif. 31	84%	16%	100%
Calif. 32	71%	29%	100%
Calif. 33	86%	14%	100%
Calif. 34	77%	23%	100%
Calif. 35	79%	21%	100%
Calif. 36	60%	35%	100%

Democrats expected to win narrowly

District	Dem.	Rep.	% Rpt.
Ark. 4	58%	40%	100%
Calif. 18	58%	42%	100%
Calif. 20	52%	48%	100%
Calif. 47	53%	39%	100%
Colo. 7	53%	42%	100%
Conn. 4	53%	47%	100%
Conn. 5	54%	46%	100%
Del. 1	57%	41%	100%
Ga. 12	57%	43%	100%
Iowa 1	50%	48%	100%
Iowa 2	51%	46%	100%
Iowa 3	51%	47%	100%
Ill. 8	48%	48%	100%
Ill. 10	49%	51%	100%
Ky. 3	55%	44%	100%
La. 2	65%	33%	100%
Mass. 4	54%	43%	100%
Me. 1	57%	43%	100%
Me. 2	55%	45%	100%
Mich. 9	50%	47%	100%
Mich. 15	57%	40%	100%
Minn. 1	49%	44%	100%
Mo. 4	45%	50%	100%
N.C. 2	49%	49%	100%
N.C. 7	54%	46%	100%
N.C. 11	54%	46%	100%

Tossup seats

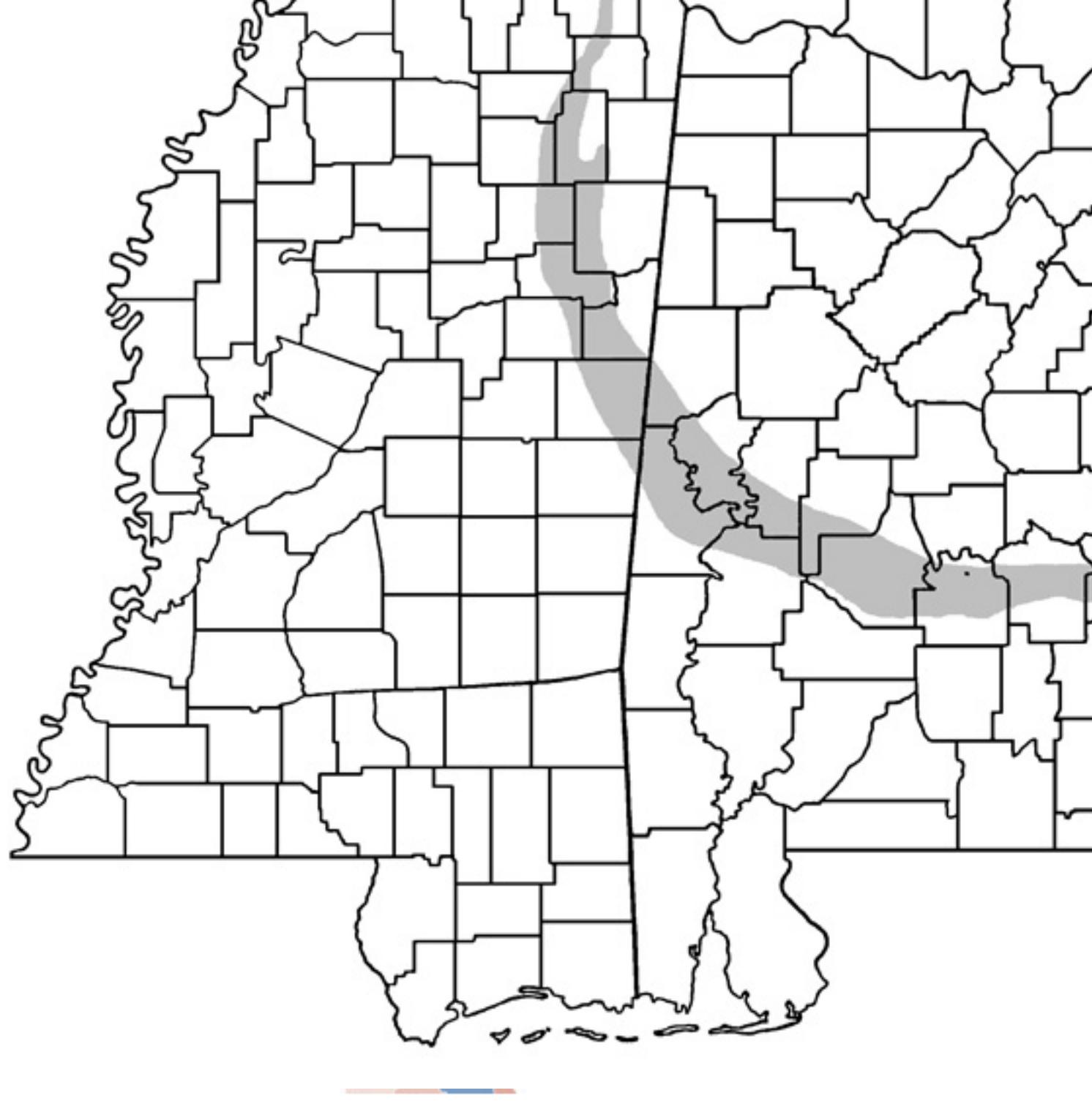
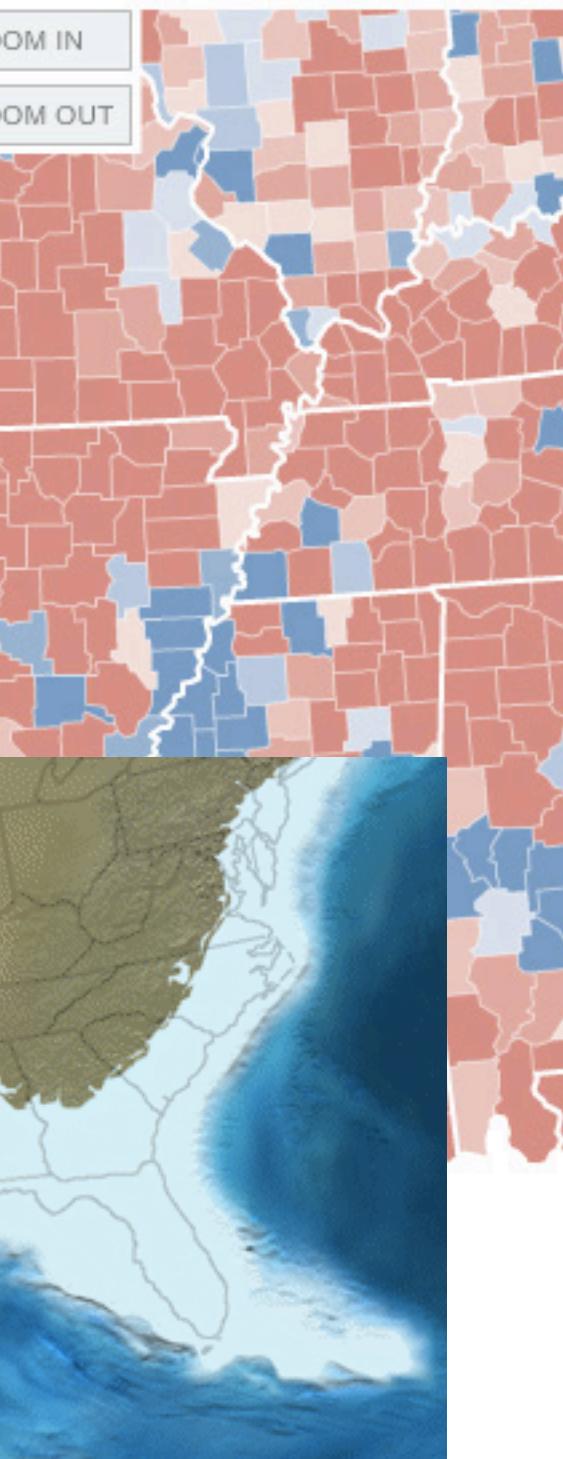
District	Dem.	Rep.	% Rpt.
Ala. 2	49%	51%	100%
Ariz. 5	43%	52%	100%
Ariz. 7	50%	44%	100%
Ariz. 8	49%	47%	100%
Calif. 11	48%	47%	100%
Colo. 3	46%	50%	100%
Fla. 22	46%	54%	100%
Fla. 25	43%	52%	100%
Ga. 2	51%	49%	100%
Ga. 8	47%	53%	100%
Hawaii 1	53%	47%	100%
Idaho 1	41%	51%	100%
Ill. 14	45%	51%	100%
Ill. 17	43%	53%	100%
Ind. 2	48%	47%	100%
Ind. 9	42%	52%	100%
Ky. 6	50%	50%	100%
Mass. 10	47%	42%	100%
Mich. 7	45%	50%	100%
Miss. 4	47%	52%	100%
N.C. 8	53%	44%	100%
N.D. 1	45%	55%	100%
N.H. 2	47%	48%	100%
N.J. 3	47%	50%	100%
Nev. 3	47%	48%	100%
N.Y. 19	47%	53%	100%

Republicans expected to win narrowly

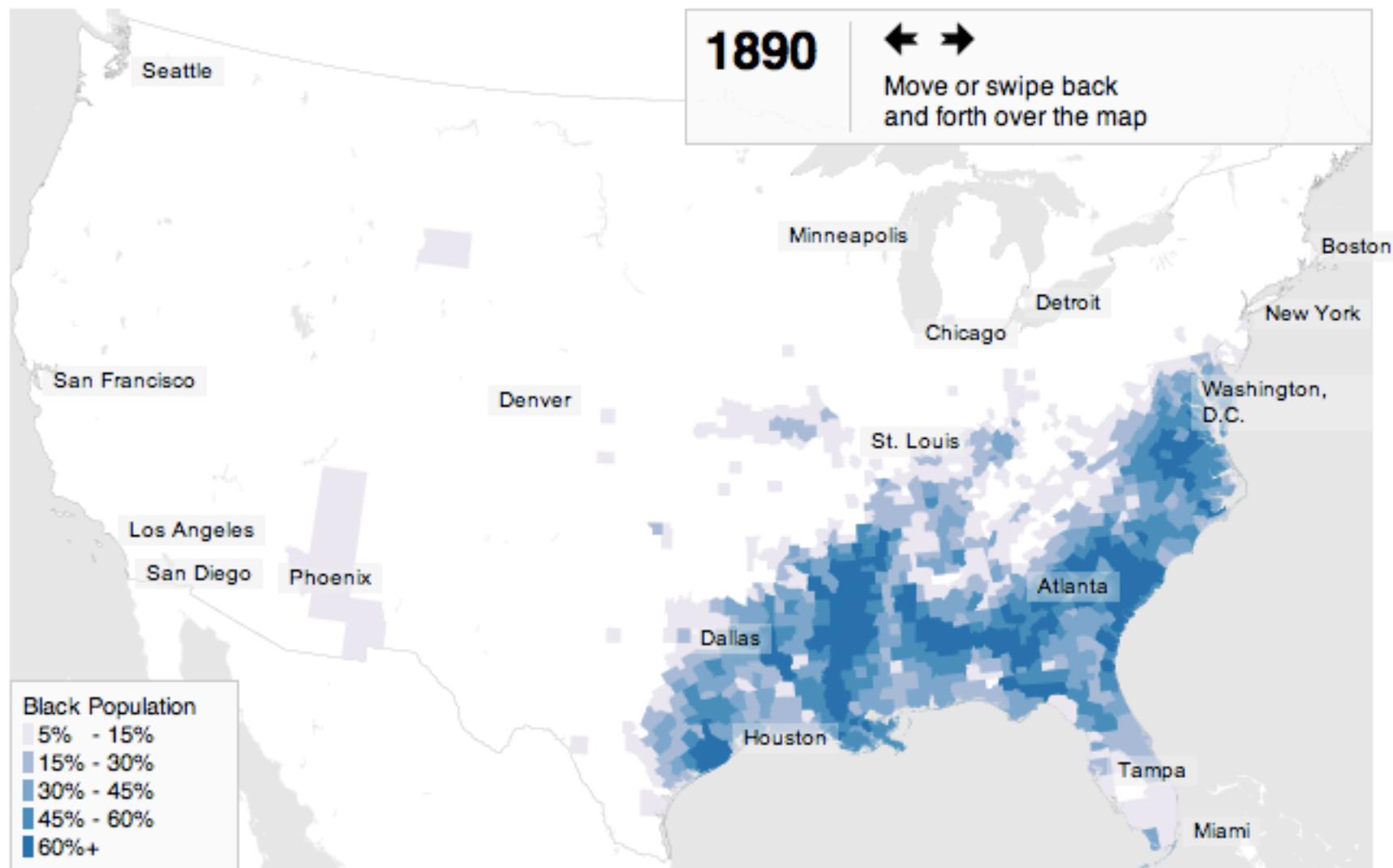
District	Dem.	Rep.	% Rpt.
Ark. 1	44%	52%	100%
Ariz. 1	44%	50%	100%
Ariz. 3	41%	52%	100%
Calif. 3	43%	50%	100%
Colo. 4	41%	52%	100%
Colo. 3	42%	54%	100%
Fla. 8	38%	56%	100%
Fla. 24	40%	60%	100%
Ill. 11	43%	57%	100%
Md. 1	42%	54%	100%
Mich. 1	41%	52%	100%
Minn. 6	40%	53%	100%
Miss. 1	41%	55%	100%
Neb. 2	39%	61%	100%
N.H. 1	42%	54%	100%
N.M. 2	45%	55%	100%
Ohio 1	46%	51%	100%
Ohio 15	41%	54%	100%
Pa. 3	44%	56%	100%
Pa. 6	43%	57%	100%
Pa. 7	44%	55%	100%
Pa. 11	45%	55%	100%
Pa. 15	39%	54%	100%
Tex. 17	37%	62%	100%
Va. 2	42%	53%	100%
Va. 5	47%	51%	100%

Republicans expected to win easily

District	Dem.	Rep.	% Rpt.
Alaska 1	31%	69%	100%
Ala. 1		83%	100%
Ala. 3	41%	59%	100%
Ala. 4		Unc.	
Ala. 5	42%	58%	100%
Ala. 6		Unc.	
Ark. 2	38%	58%	100%
Ark. 3	28%	72%	100%
Ariz. 2	31%	65%	100%
Ariz. 6	29%	66%	100%
Calif. 2	43%	57%	100%
Calif. 4	31%	61%	100%
Calif. 19	35%	65%	100%
Calif. 21		Unc.	
Calif. 22		Unc.	
Calif. 24	40%	60%	100%
Calif. 25	38%	62%	100%
Calif. 26	37%	54%	100%
Calif. 40	33%	67%	100%
Calif. 41	37%	63%	100%
Calif. 42	32%	62%	100%
Calif. 44	44%	56%	100%
Calif. 45	42%	51%	100%
Calif. 46	38%	62%	100%
Calif. 48	36%	60%	100%
Calif. 49	31%	63%	100%



Living Apart: How the Government Betrayed a Landmark Civil Rights Law





332✓

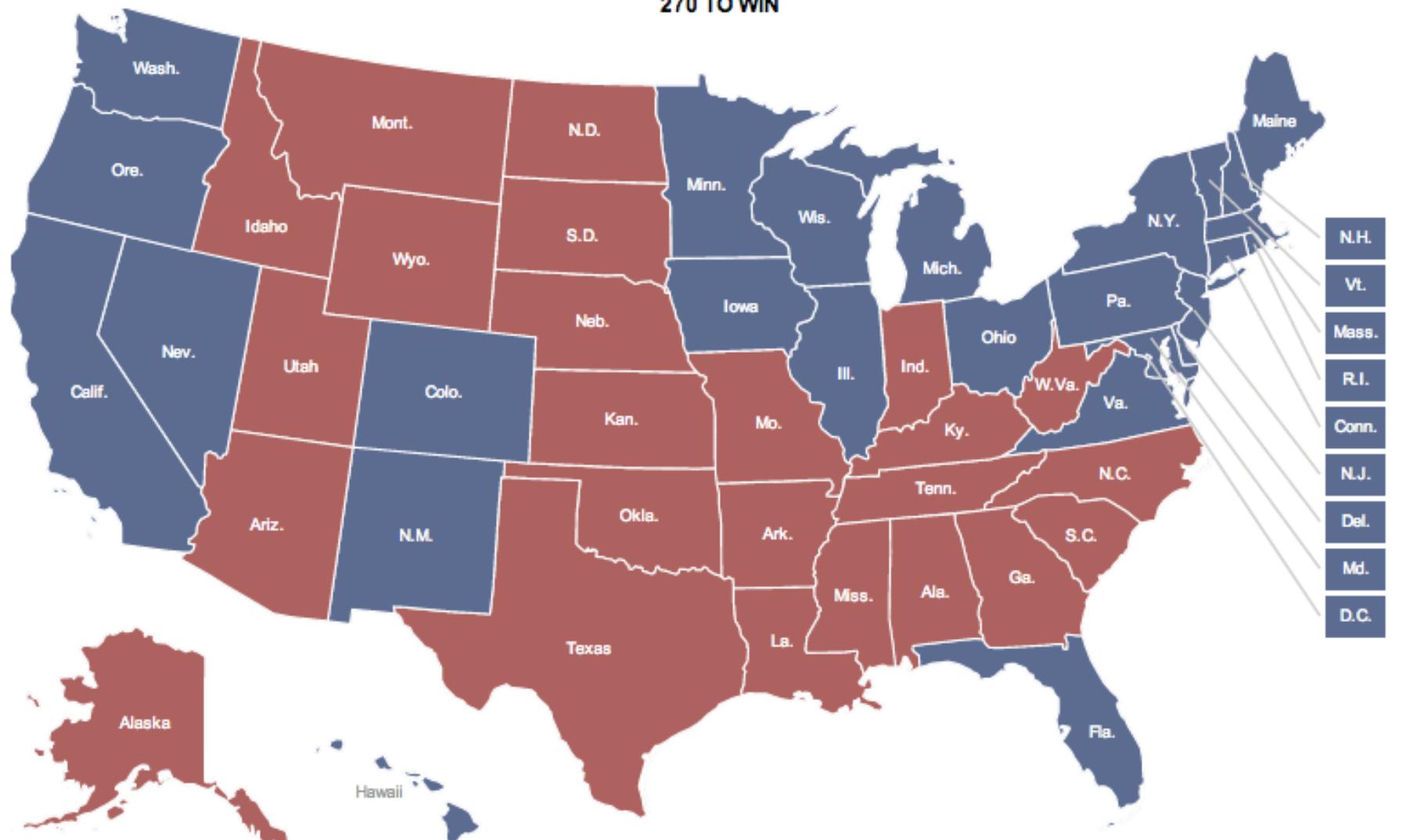
ELECTORAL VOTES

206

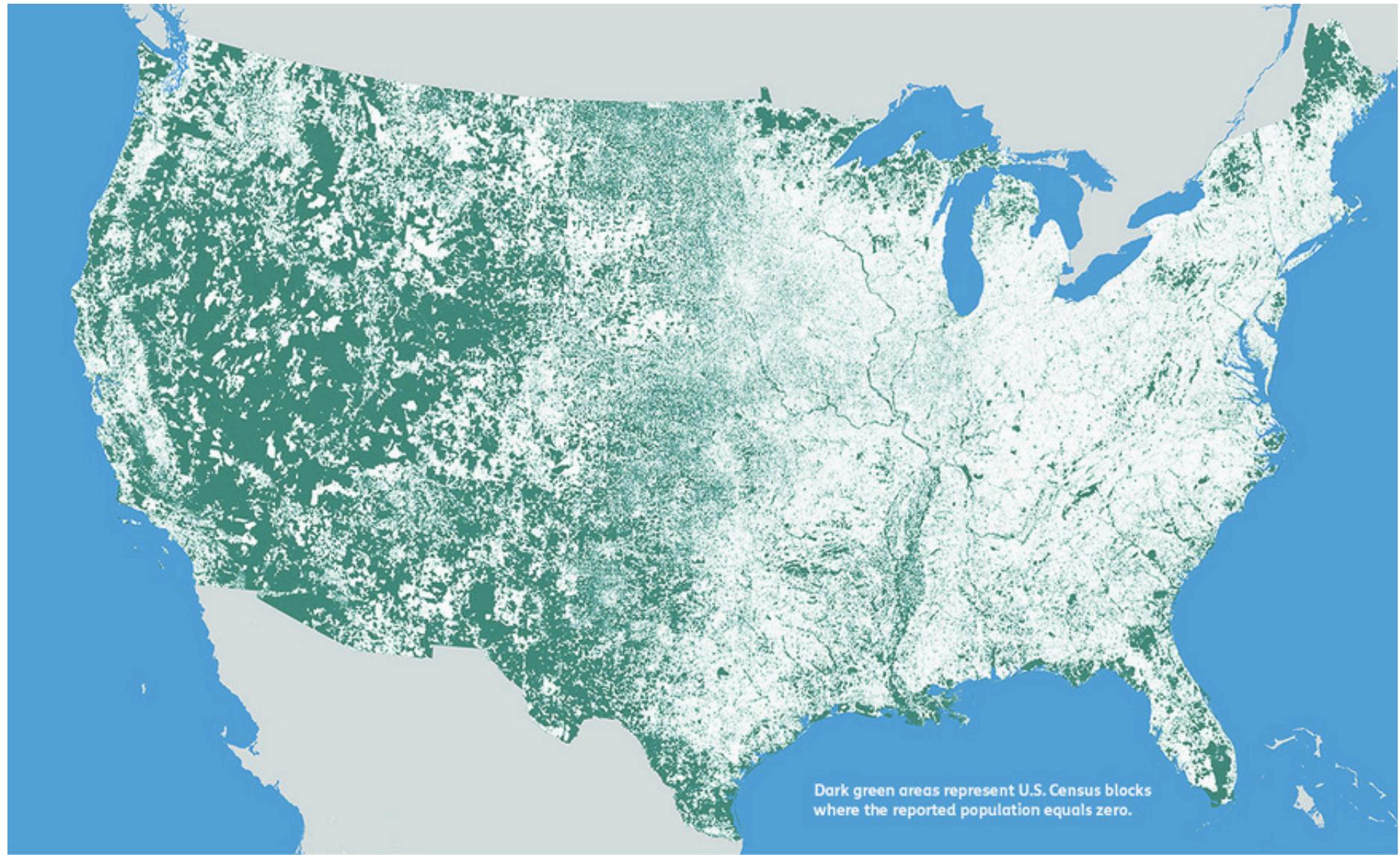
ELECTORAL VOTES



270 TO WIN



President		OBAMA 332 NEEDS 0		ROMNEY 206 NEEDS 64				
12:15	VIRGINIA (13)	50.8	47.8	11:42	COLORADO (9)	51.2	46.5	
11:18	OHIO (18)	50.1	48.2	11:27	WISCONSIN (10)	52.8	46.1	
12:50	FLORIDA (29)	50	49.1	11:14	IOWA (6)	52.1	46.5	
9:51	N. HAMPSHIRE (4)	52.2	46.4	11:38	NEVADA (6)	52.3	45.7	
7:00		8:00	MASS. (11)	60.7 37.6	10:21	NEW MEXICO (5)	52.9 43	
7:05	GEORGIA (16)	45.4 53.4	8:00	MISSISSIPPI (6)	43.5 55.5	9:00	NEW YORK (29)	62.6 36
7:04	INDIANA (11)	43.8 54.3	11:07	MISSOURI (10)	44.3 53.9	9:01	N. DAKOTA (3)	38.9 58.7
7:04	KENTUCKY (8)	37.8 60.5	9:51	N. HAMPSHIRE (4)	52.2 46.4	9:00	S. DAKOTA (3)	39.9 57.9
7:05	S. CAROLINA (9)	44 54.6	9:08	NEW JERSEY (14)	58 40.9	9:00	TEXAS (38)	41.4 57.2
7:04	VERMONT (3)	67 31.2	8:01	OKLAHOMA (7)	33.2 66.8	11:27	WISCONSIN (10)	52.8 46.1
12:15	VIRGINIA (13)	50.8 47.8	9:44	PENN. (20)	52 46.8	9:01	WYOMING (3)	28 69.3
7:30		8:00	RHODE ISLAND (4)	62.7 35.5	10:00			
10:54	N. CAROLINA (15)	48.4 50.6	8:24	TENNESSEE (11)	39 59.5	11:14	IOWA (6)	52.1 46.5
11:18	OHIO (18)	50.1 48.2	8:30			10:09	MONTANA (3)	41.8 55.3
7:30	W. VIRGINIA (5)	35.5 62.3	8:33	ARKANSAS (6)	36.9 60.6	11:38	NEVADA (6)	52.3 45.7
8:00		9:00			10:00	UTAH (6)	24.9 72.8	
8:00	ALABAMA (9)	38.4 60.7	10:38	ARIZONA (11)	44.1 54.2	11:00		
8:00	CONNECTICUT (7)	58.4 40.4	11:42	COLORADO (9)	51.2 46.5	11:01	CALIFORNIA (55)	59.3 38.3
8:00	DELAWARE (3)	58.6 40	9:00	KANSAS (6)	37.8 60	11:01	HAWAII (4)	70.6 27.8
8:00	WASH. D.C. (3)	91.4 7.1	9:00	LOUISIANA (8)	40.6 57.8	11:01	IDAHO (4)	32.6 64.5
12:50	FLORIDA (29)	50 49.1	9:00	MICHIGAN (16)	54.3 44.8	11:14	OREGON (7)	54.5 42.7
8:01	ILLINOIS (20)	57.3 41.1	10:44	MINNESOTA (10)	52.8 45.1	11:01	WASHINGTON (12)	55.8 41.7
8:06	MAINE (2)	56 40.9	9:04	NEBRASKA (2)	37.8 60.5	12:00		
8:04	MAINE D1 (1)	58.7 37.7	9:04	NEBRASKA D1 (1)	40.5 57.7	1:52	ALASKA (3)	41.3 55.3
8:04	MAINE D2 (1)	52.9 44.5	9:04	NEBRASKA D2 (1)	45.2 53.4			
8:00	MARYLAND (10)	61.7 36.6	9:04	NEBRASKA D3 (1)	27.7 70.4			



Dark green areas represent U.S. Census blocks
where the reported population equals zero.

NOBODY LIVES HERE

The 4,871,270 U.S. Census Blocks with zero population
(2010)

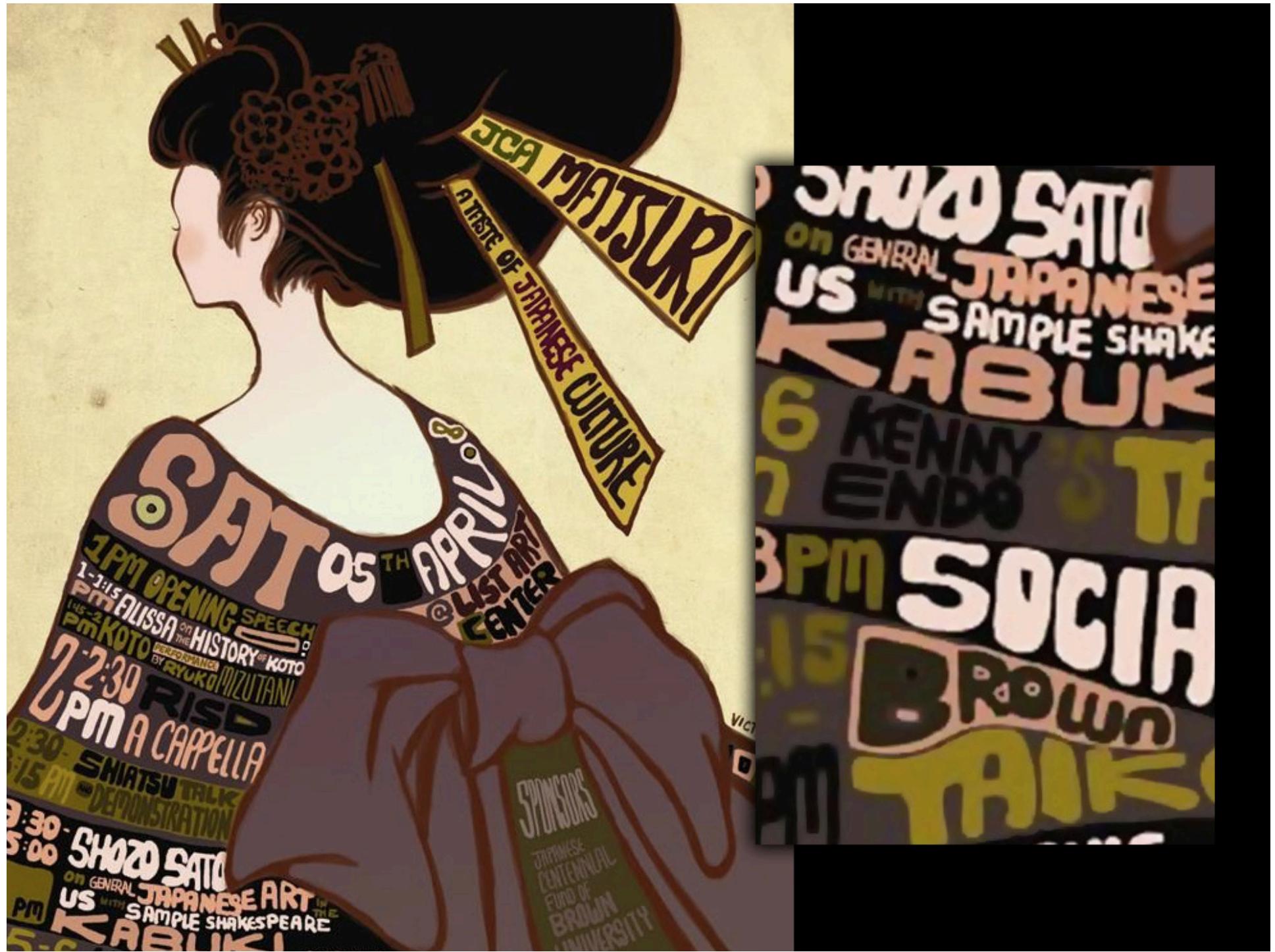
Areas with population density over 5 people per square kilometer.



3

SHOW THE NEAR AND FAR

The big picture & then all the details



Pipeline Safety Tracker

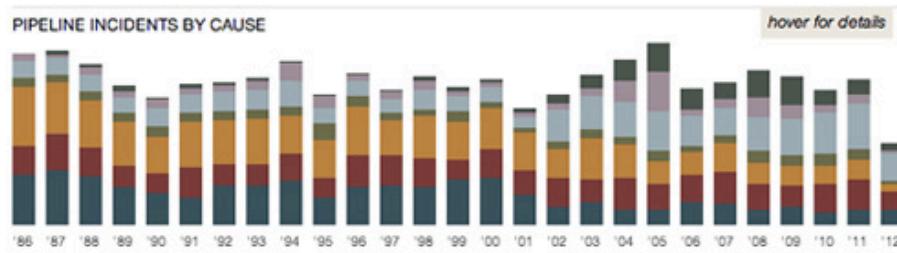
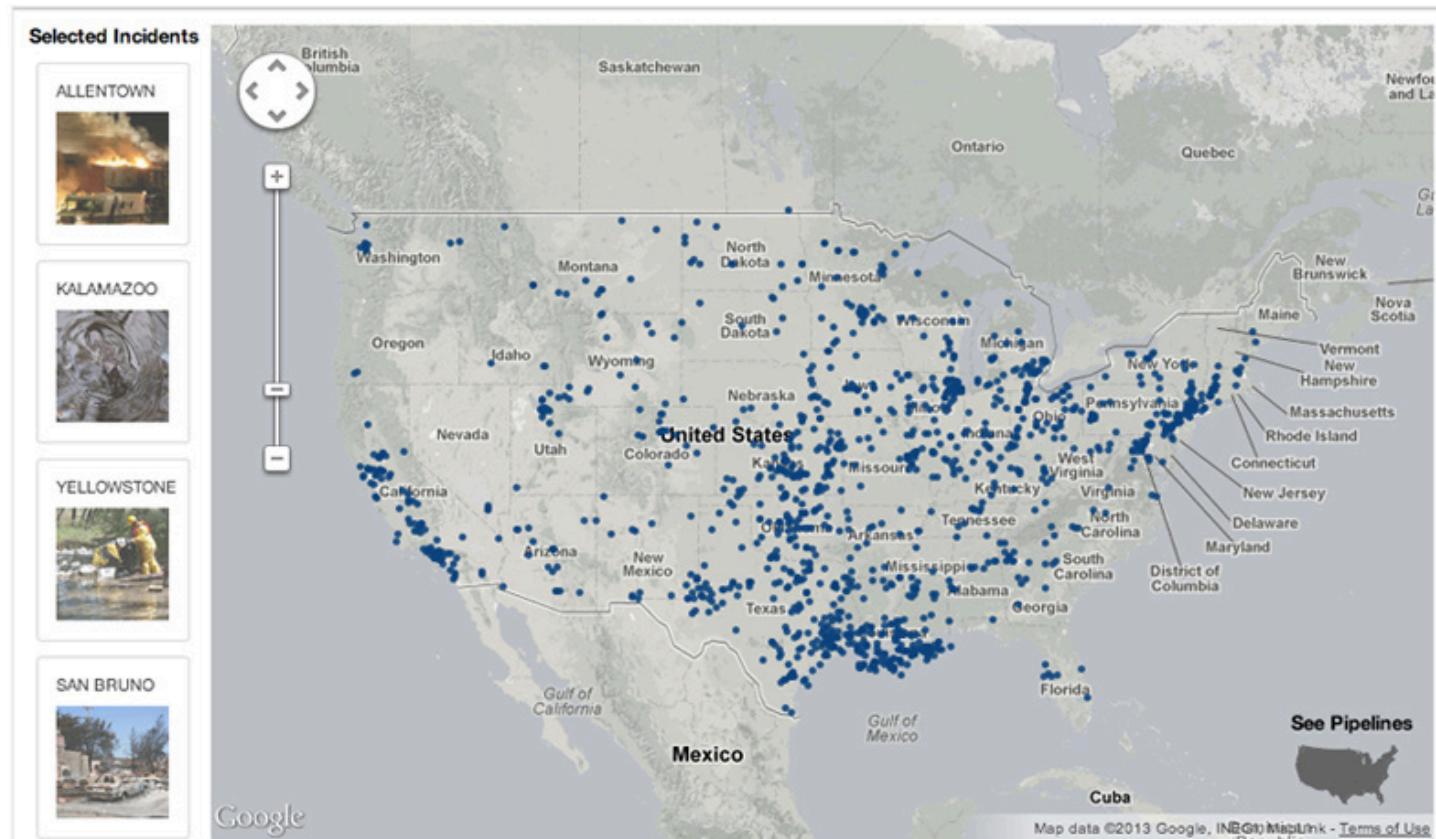
Find the Accidents Near You

[Tweet](#) 405

[Like](#) 738

By Lena Groeger, ProPublica, Nov. 15, 2012

Although they carry the vast majority of our oil and natural gas, the nation's 2.5 million miles of pipelines remain largely invisible to the public. And while they're much safer than alternatives such as trucks, pipelines suffer hundreds of ruptures and spills every year. Critics blame minimal oversight and old pipes for accidents that could have been prevented; operators maintain that they're committed to continuous improvement. Here we map accidents that regulators labeled "significant incidents" from 1986 to the present. | [Related Story »](#)

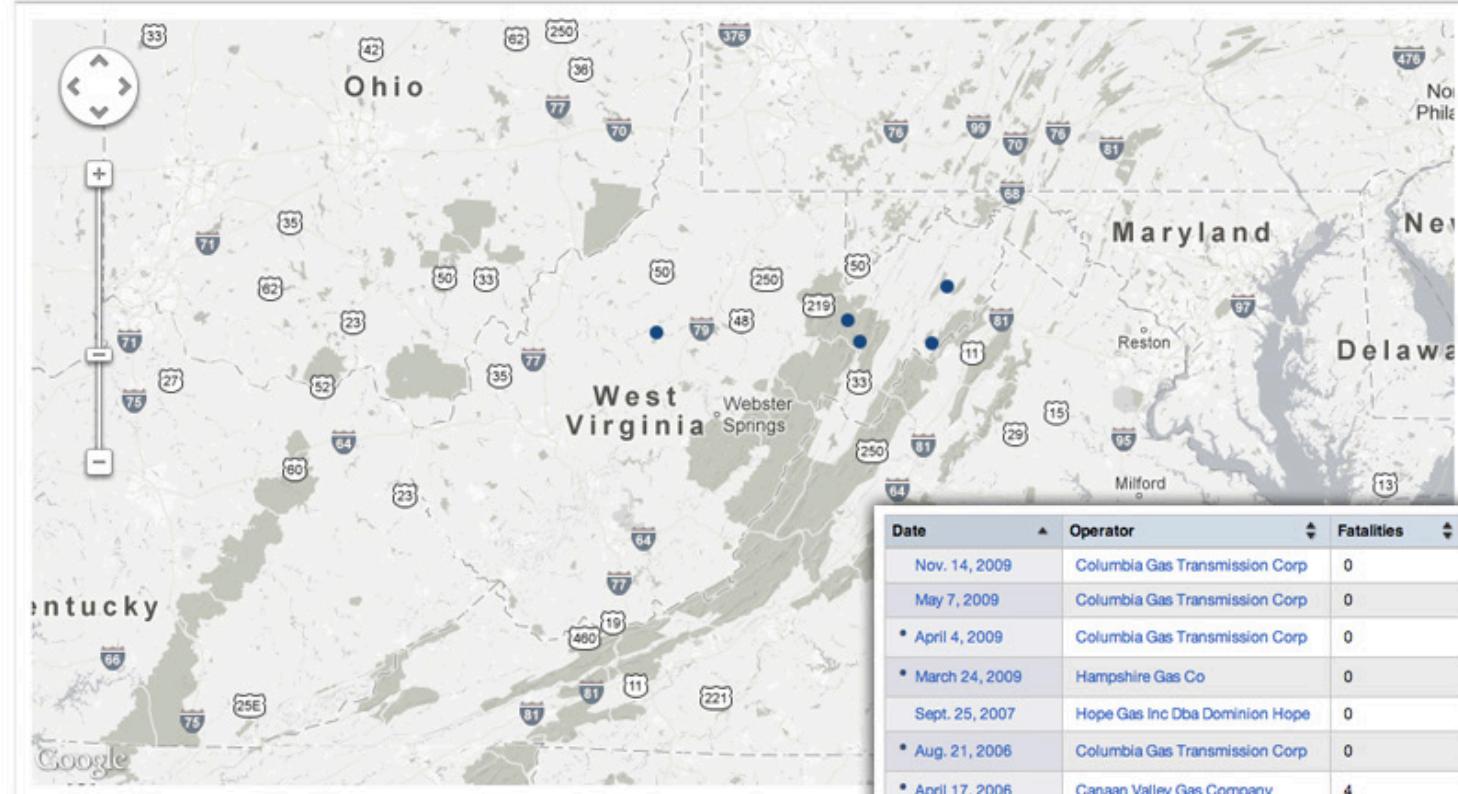


Pipeline Safety Tracker » West Virginia

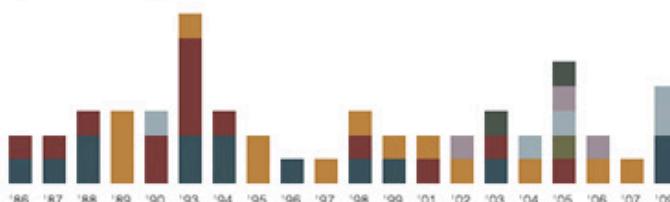
West Virginia

53 Incidents 5 Fatalities 30 Injuries \$15.4M Property Damages 50 Gas Incidents 3 Hazardous Liquid Incidents

Read the West Virginia Pipeline profile from the US DOT



Pipeline Incidents by Cause



Find Pipeline Incidents

State, City or Operator (e.g., Alabama, Houston, Chevron)

Or see incidents by year: [All Years](#)

Date	Operator	Fatalities	Injuries	Property Damage
Nov. 14, 2009	Columbia Gas Transmission Corp	0	0	\$5.74M
May 7, 2009	Columbia Gas Transmission Corp	0	0	\$744K
* April 4, 2009	Columbia Gas Transmission Corp	0	0	\$104K
* March 24, 2009	Hampshire Gas Co	0	1	\$0
Sept. 25, 2007	Hope Gas Inc Dba Dominion Hope	0	1	\$67.5K
* Aug. 21, 2006	Columbia Gas Transmission Corp	0	0	\$147K
* April 17, 2006	Canaan Valley Gas Company	4	1	\$0
* Oct. 6, 2005	Equitans, Lp	0	2	\$0
Aug. 18, 2005	Columbia Gas Transmission Corp	0	0	\$106K
July 30, 2005	Dominion Transmission, Inc	0	0	\$634K
June 17, 2005	Welch Gas Cooperative Association	0	0	\$235K
April 4, 2005	Columbia Gas Transmission Corp	0	0	\$578K
Sept. 25, 2004	Union Oil & Gas Inc	0	1	\$0
Jan. 26, 2004	Columbia Gas Transmission Corp	0	0	\$199K
Aug. 7, 2003	Marathon Pipe Line Co	0	0	\$24.1M

Bud's Story, from the Records

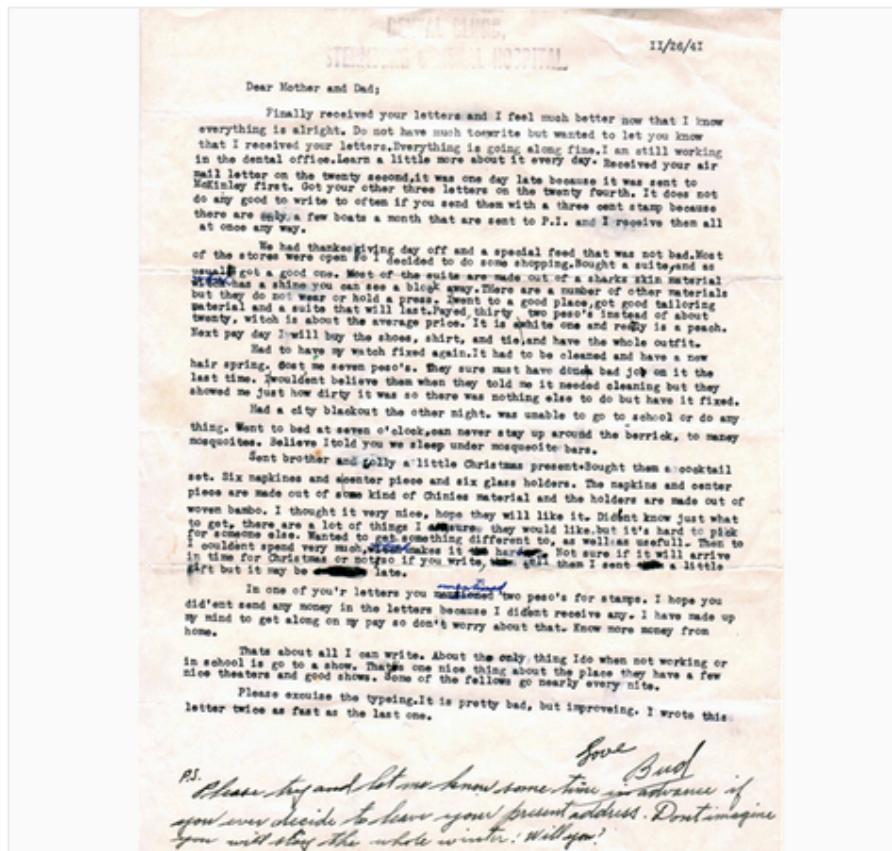
By Megan McCloskey and Sisi Wei, ProPublica, March 6, 2014, 7 a.m.

Private Arthur 'Bud' Kelder died as a POW in the Philippines during World War II. His parents always hoped that his body would eventually be sent home. But despite clues, the military has never recovered his remains. Here are letters and others documents from his case from 1941 to 1950. The documents and photographs below are either from the National Archive or courtesy of John Eakin.

Timeline

[Back to Story »](#)

Nov. 26, 1941



NOV. 26, 1941

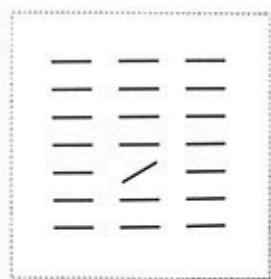
Bud writes home from Manila



USE MENTAL TRICKS

Take advantage of the way the visual system works to get your point across

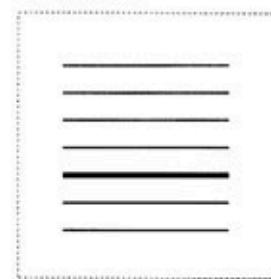
LINE ORIENTATION



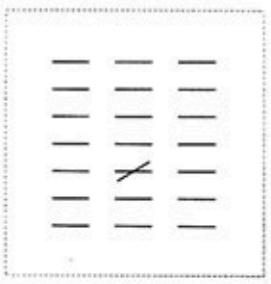
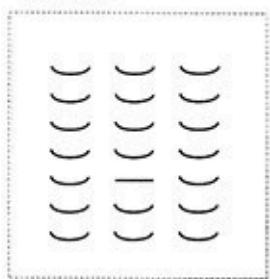
LINE LENGTH



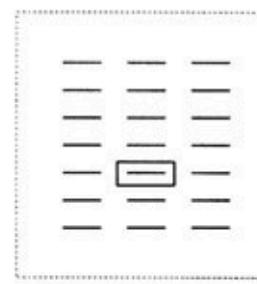
LINE WEIGHT



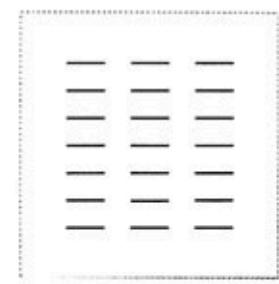
CURVATURE



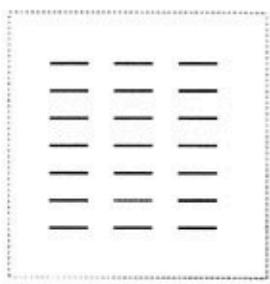
ADDED MARKS



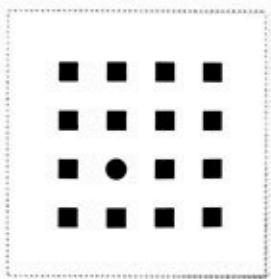
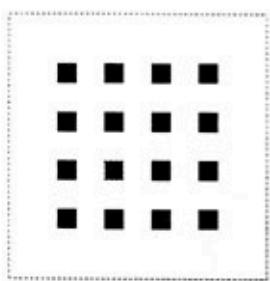
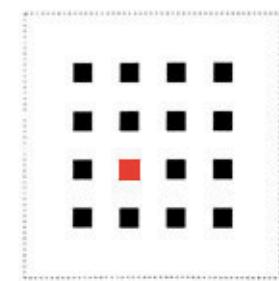
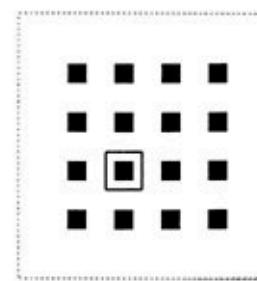
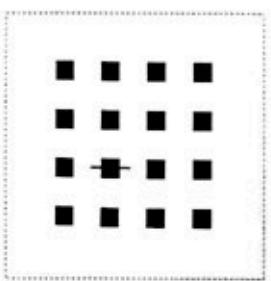
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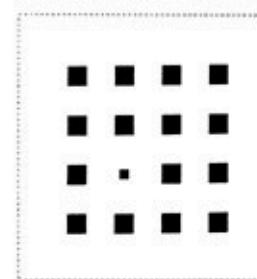
COLOR/HUE



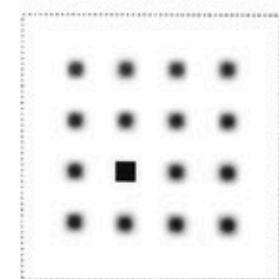
INTENSITY/VALUE



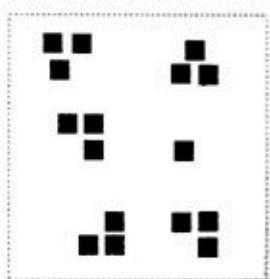
SHAPE



SIZE



SHARPNESS

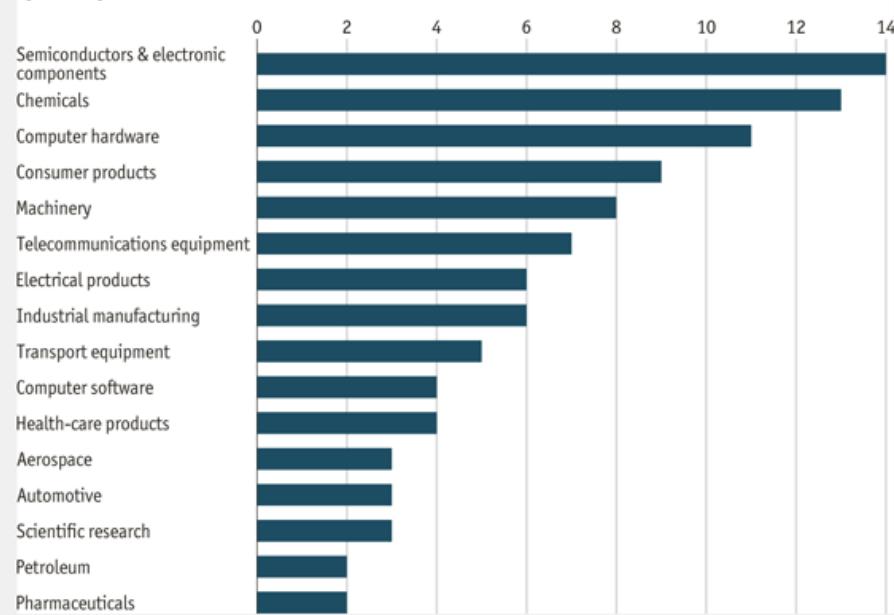


NUMEROLOGY

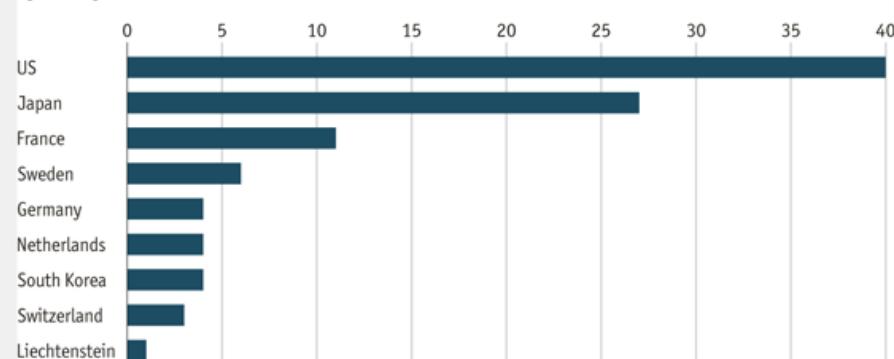
Preattentive Features

100 most innovative companies, 2011

By industry, %



By country, %

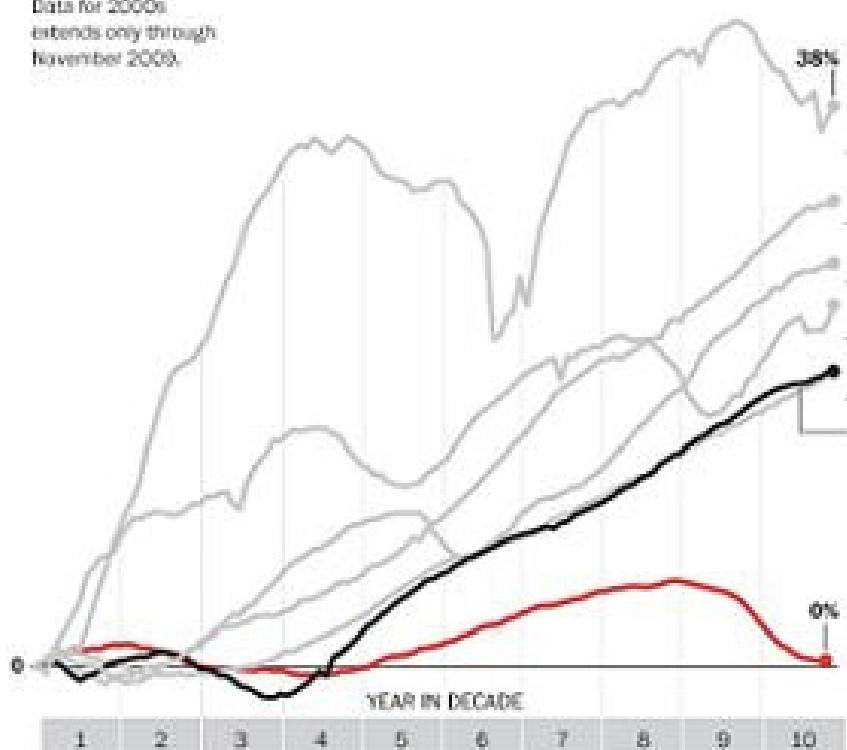


Source: Thomson Reuters

Job growth, by decade

PERCENT CHANGE IN TOTAL
NON-FARM PAYROLL
EMPLOYMENT

Data for 2000s
extends only through
November 2009.



Stacking Up the Administration's Drone Claims

by Lena Groeger and Cora Currier, ProPublica
Sept. 13, 2012, 1:15 p.m.

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Administration officials—often unnamed—frequently seem to celebrate drone strikes that kill suspected militants. But the administration has also worked against disclosures of less positive aspects of the CIA's program, including how many civilians have been killed. We've laid out four years of statements by current and former officials discussing the CIA's drone program, both on and off the record. (Most of these stories also include a "no comment" from the CIA or the White House.) **Highlighted in red** are the CIA's legal stances refusing to even acknowledge the program in response to Freedom of Information Act requests. | **Related:** How the Gov't Talks About a Drone Program it Won't Acknowledge Exists

Hover over (or touch) a line of text to read the quote and click that same line to read the original article.

2009

At a hearing, Feinstein expressed surprise over Pakistani opposition to the campaign of Predator-launched CIA missile strikes against. The CIA declined to comment, but former U.S. intelligence officials, speaking on condition of anonymity because of the sensitivity of the obviously because these are covert and secret operations I can't go into specifics. I think it does suffice to say that these operations have

At any given moment, a former White House counterterrorism official says, the C.I.A. has multiple drones flying over Pakistan, scouting for The Predators in the C.I.A. program are flown¹ by civilians, both intelligence officers and private contractors. According to a former People who have overseen an air strike live on a monitor described as "it was both awe-inspiring and horrifying." You could see those little figures. Counterterrorism officials say they need to keep the CIA's strikes secret, so that the targets don't know they're being targeted. A lot of the targets are nominated by the Pakistanis—it's part of the bargain of getting Pakistani cooperation," says Bruce Reed, a former Roger Cressey, the former National Security Council official, who remains a strong supporter of the drone program, says. "The debate is a former C.I.A. officer who was based in Afghanistan....[and] an Afghan source had once sworn to him that one of Al Qaeda's two leaders The White House has authorized an expansion of the C.I.A.'s drone program in Pakistan's lawless tribal areas, officials said this week. 10-line government official added that the [CIA] program on the condition of anonymity. About 10 missile attacks from drones in TTW, he said. The official added that the strikes were aimed at terrorist leaders, not at local residents or Afghan civilians. A spokesman for the C.I.A., Paul Gimigliano, defended the program without quite acknowledging its existence. While the C.I.A. does not

Former C.I.A. officials say there is a rigorous protocol for identifying militants, using video from the Predators. Intercepted cellphone calls

Awali's status as a U.S. citizen requires special consideration, according to former officials familiar with the criteria for the CIA's targeted

Deutsche to add names to the CIA target list are reviewed carefully, not just by policy experts but, by attorneys," said the second U.S.

The memo, signed by the CIA's director of intelligence, Robert L. Turner, said. Foreign officials said analysts typically

According to the U.S. official, there were 55 Predator drone strikes last year in the Pakistani tribal areas.

All told, according to U.S. officials, since the beginning of 2009, the drone attacks have killed several hundred named militants from al-

U.S. officials also suggest the strike is an indication that the Pakistani military and its intelligence agency, while not totally turning their backs

This is a final response to your 13 January 2009 (sic!) Freedom of Information Act (FOIA) request for "records pertaining to

Aggressive tactics used by the CIA in its targeted killing of terrorist leaders in Pakistan, including the names of the targets and

To illustrate this progress, U.S. intelligence officials review every strike done of a March 8 killing, a top al-Qaeda commander in the region

A U.S. intelligence official familiar with the operation said the building that was targeted housed "a large number of al-Qaeda" fighters who

A Central Intelligence Agency drone strike last week killed a top al-Qaeda trainer suspected of being involved in December's suicide bombing

"We now believe that al-Yemeni, who was one of the top 20 al-Qaeda leaders, was one of those who was hit....Khalil Mr. al-Yemeni was

Panetta authorized every strike, sometimes reversing his decision or reauthorizing a target. If the situation on the ground changes, according

In November Wisconsin's U.S. senator, Tammy Baldwin, addressed a memo to Panetta asking him to explain the strikes.

At the end of the George W. Bush administration, the CIA could keep seven Predators in the air round-the-clock, but the number will double

Panetta authorized every strike, sometimes reversing his decision or reauthorizing a target if the situation on the ground changes, according

The plan was a standard one in the CIA's war against extremists in Pakistan: The agency was using a Predator drone to monitor a

U.S. The Obama administration has authorized the capture or killing of a U.S.-born Muslim cleric who is believed to be in Yemen, U.S. officials

A CIA official said he was asked to brief the president on the strike, which he did, and the president approved it.

Because he is a U.S. citizen, adding Auleid to the CIA list required special approval from the White House, officials said. The move means

U.S. estimates show CIA drone strikes in Pakistan's tribal areas over the last two years have killed more than 500 militants—a fraction of

It is unclear what criteria the CIA uses to determine who constitutes a combatant. A U.S. counterterrorism official

The CIA received permission secretly to attack a wider range of targets, including suspect militants whose names are not known, as part of

As a matter of policy, CIA officials refused to comment on the covert drone program. Those who do willing to discuss it on condition of

U.S. officials said they had been told that the CIA had been using Predator drones in Pakistan since 2004.

President Bush secretly decided in his last year in office to expand the program. The agency has continued and even streamlined the process.

The number of Predator and Reaper drones in the region is classified, but one former official estimated that the size of the fleet has at least

Former officials who were involved in the program said that many of the drones were found to be working together, and thus were

U.S. official: "Those who think we strike at terrorists over the objections of the Pakistani government are mistaken."

We're engaged in the fight against terrorism in the name of the CIA, not of the U.S. president, and the result is that we are disrupting

His last statement led almost immediately to success: drone strikes in the tribal areas, several officials have said.

Both Mr. Rauf and Mr. al-Somai have since been killed in United States drone strikes in the tribal areas, according to officials.

The plotters all had ties to Salim al-Somai, a Qaeda leader who was killed by a C.I.A. drone strike in Pakistan last year, the official said.

American officials cited strained resources for decisions about some of the Yemen strikes. With the C.I.A.'s armed drones tied up with

The strikes have been "conducted very methodically," and "out of innocent civilians are killed." Very much appreciated," said a senior

Chairman of the Joint Chiefs of Staff, Gen. Martin E. Dempsey, told reporters not to worry about collateral damage.

The sober new assessment of al-Qaeda's affiliate in Yemen has helped combat senior Obama administration officials to call for an escalation

Indeed, officials said it was largely because Predator strikes in Pakistan that the franchise in Yemen has

You're not going to bring bombs with USA markings on them," the senior U.S. official said. Even so, the official said, the administration

Since the beginning of the Obama administration the strikes have killed at least 850 militants, according to a U.S. official.

Earlier this year, a U.S. congressional investigation found that CIA officials had been killing in the CIA campaign in Pakistan, and the

The CIA has been tracking the strikes in December 2009 with the heart of a covert program overseen directly by the agency's missile-firing

A drone strike killed at least six people in northwestern Pakistan on Wednesday, intelligence officials said.

The C.I.A. has drastically increased its bombing campaign in the mountains of Pakistan in recent weeks, American officials said....One

In an effort to foil a suspected terrorist plot against European targets, the Central Intelligence Agency has ramped up missile strikes against

The CIA can neither confirm nor deny the existence or nonexistence of responsive records because the existence or

U.S. officials said. The CIA has been providing Predator and Reaper drones, as well as other weapons, to the CIA in an effort to give the

Increasing the operational tempo against terrorists in Pakistan has been in the works since last year," a U.S. official said. "The CIA sought

The risk that we run here is that at some point we're going to overload the circuit in Pakistan and they're going to say, 'too much.'

Reed, a former C.I.A. official, said the CIA had been conducting strikes in Pakistan since 2004, but that the agency had not conducted

Drone aircraft operated by the Central Intelligence Agency killed several militants with German citizenship in the mountains of Pakistan on

The official acknowledged that some parts of the U.S. government are eager to use in Yemen a tool that has been so successfully

There is no official information in the public sphere that confirms or denies the alleged involvement of the CIA in drone

A moment later, an explosion filled the screen, and the man was dead. It was very businesslike," says Rizzo. An aerial drone had killed the

Potential CIA officials who were asked to speak on condition of anonymity say they have been told that the CIA has been using

The effort has evolved because our intelligence has improved greatly over the years, including a proliferation in the number of drones and CIA informants providing

In recent weeks, the drone campaign has fallen strangely silent....Speculation in that country has centered on the possibility that the CIA is

The former high-ranking U.S. intelligence official said the drone campaign has descended not only on Qaeda leadership, but also the leader of

The official added that the CIA has been using Predator and Reaper drones to conduct strikes in Pakistan, and that the agency has been

U.S. officials said the CIA had no policy change and that there always have been occasions when the CIA decided not to fire at a target.

Another factor driving the concern, according to a former CIA official, is that the U.S. can afford to forgo an opportunity to kill a senior

One of the U.S. officials also asserted that no civilian has been killed in more than 75 strikes in Pakistan's tribal areas since the Aug. 22

CIA Director Leon Panetta and his designee have authority to approve the strikes, U.S. officials say....U.S. officials say that by the CIA's

Former CIA official Bruce Reed, who was a close advisor to Obama on his Pakistan strategy, said the drone strikes don't always offer a

American and Pakistani officials said that Pakistan's request for advance notice of C.I.A. missile strikes, for fewer strikes over all, and for a

But an American official familiar with the operations defended the timing and targets, which came after a 27-day gap since the last strike on

Yearly drone strikes in Pakistan peak, with roughly 120 strikes reported in 2010.

Kepler's Tally of Planets

Relative size of planets
• Earth • Neptune ● Jupiter

Relative size of Mercury's orbit
● Sun Mercury

Stars and planets are enlarged for visibility.

NASA's Kepler mission has discovered more than 950 confirmed planets orbiting distant stars. Planets with a known size and orbit are shown below, including Kepler 186f, an Earth-size planet in the habitable zone. [Related Article »](#)

Relative size of stars
● Sun ● 2 times ● 3 times as wide

Star temperature
6,500° ● ● ● ● ● ● ● ● 16,000° F

Sort by system size Sort by order of discovery

