

The New York Times

Mapping the News

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Who We Are





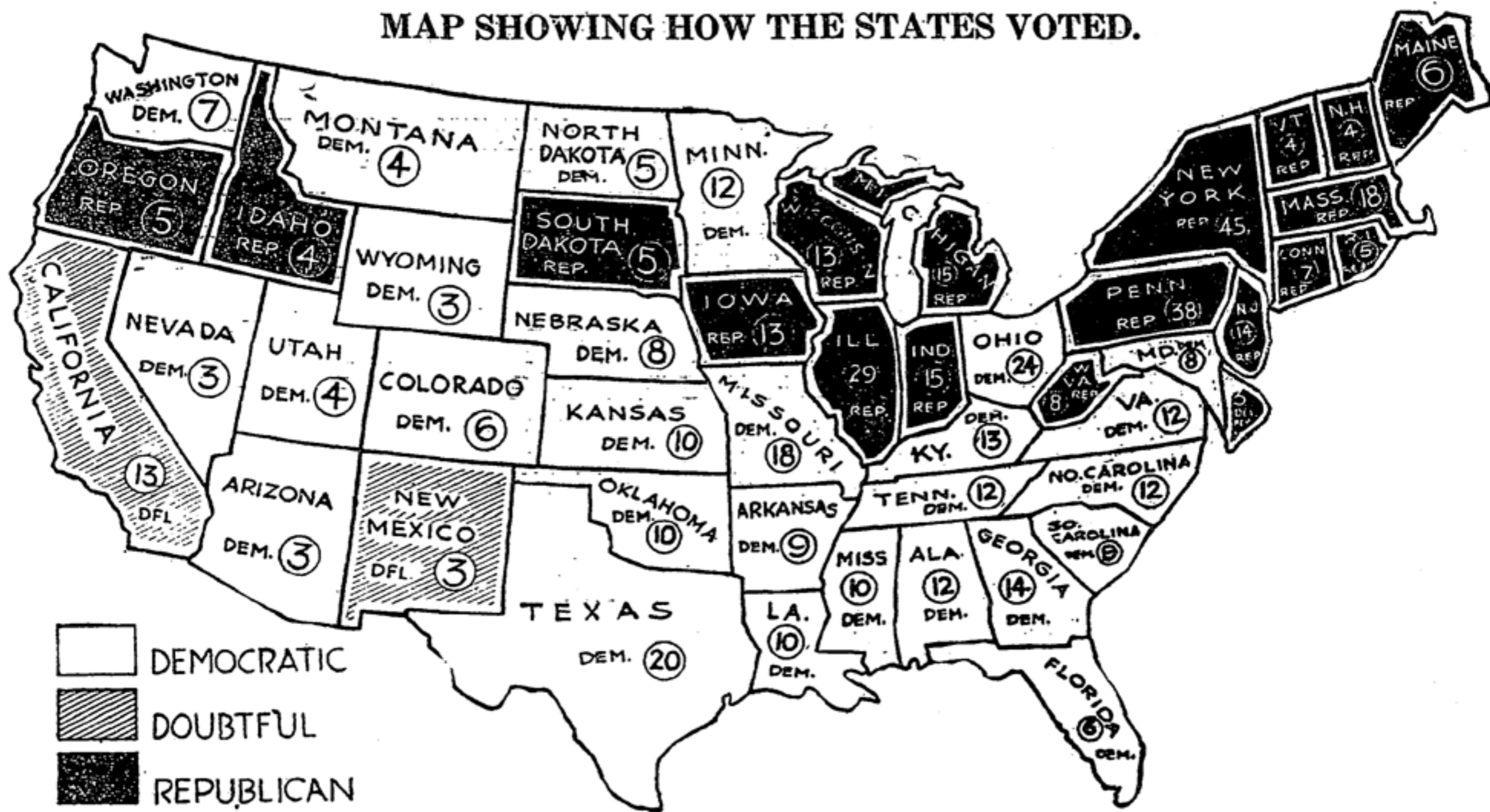
What We Do

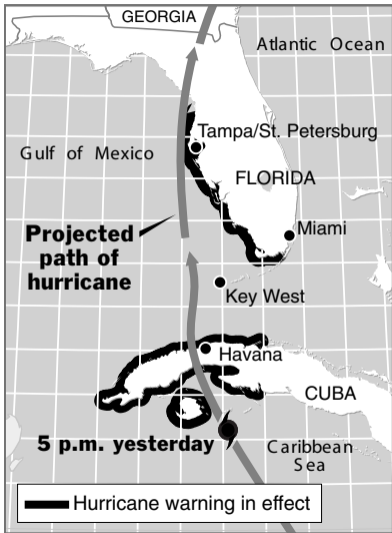
Research and
create the maps, charts
and diagrams for
The New York Times
in print and on [nytimes.com](https://www.nytimes.com)

candidate	Black Rep.	Power, Spillane Dem. N.C. Dem.
Cornelius
Albany	4,500
Albany	5,000
Income	4,500
Katzenbach	2,500
Florida	2,000
Chambers	7,717
Chambers	2,500
Chambers	2,700
Clinton	2,600
Columbia	1,500
Corland	2,000
Delaware	2,200
Indiana	5,000
Erie	10,500
Franklin	2,500
Franklin	3,200
Fulton and Ham- ilton	2,500
Geiswiler	2,500
Greene	500
Henderson	2,500
Johnson	4,200
Kings	22,500
Leake	1,500
Lincoln	1,500
Madison	2,000
Mahone	6,000
Montgomery	2,500
New York
Nichols	1,000
Ontario	1,500
Onondaga	6,500
Ottawa	2,500
Orange	1,500
Orange	1,500
Oswego	2,500
Oswego	2,000
Pulaski	1,500
Queens	4,500
Rochester	1,000
Rochester	1,500
Richmond	1,500
St. Lawrence	1,500
Saratoga	6,000
Schoharie	500
Schoharie	475
Schoharie	500
Seneca	250
Seneca	4,500
Seneca	4,500
Sullivan	500
Tioga	4,500
Tompkins	1,500
Ulster	5,000
Warren	2,500
Washington	4,500
Wayne	3,750
Westchester	5,500
Worming	1,100
Yates	1,500
Total	222,250	475
Black's net plurality	221,750

[illegible]

MAP SHOWING HOW THE STATES VOTED.

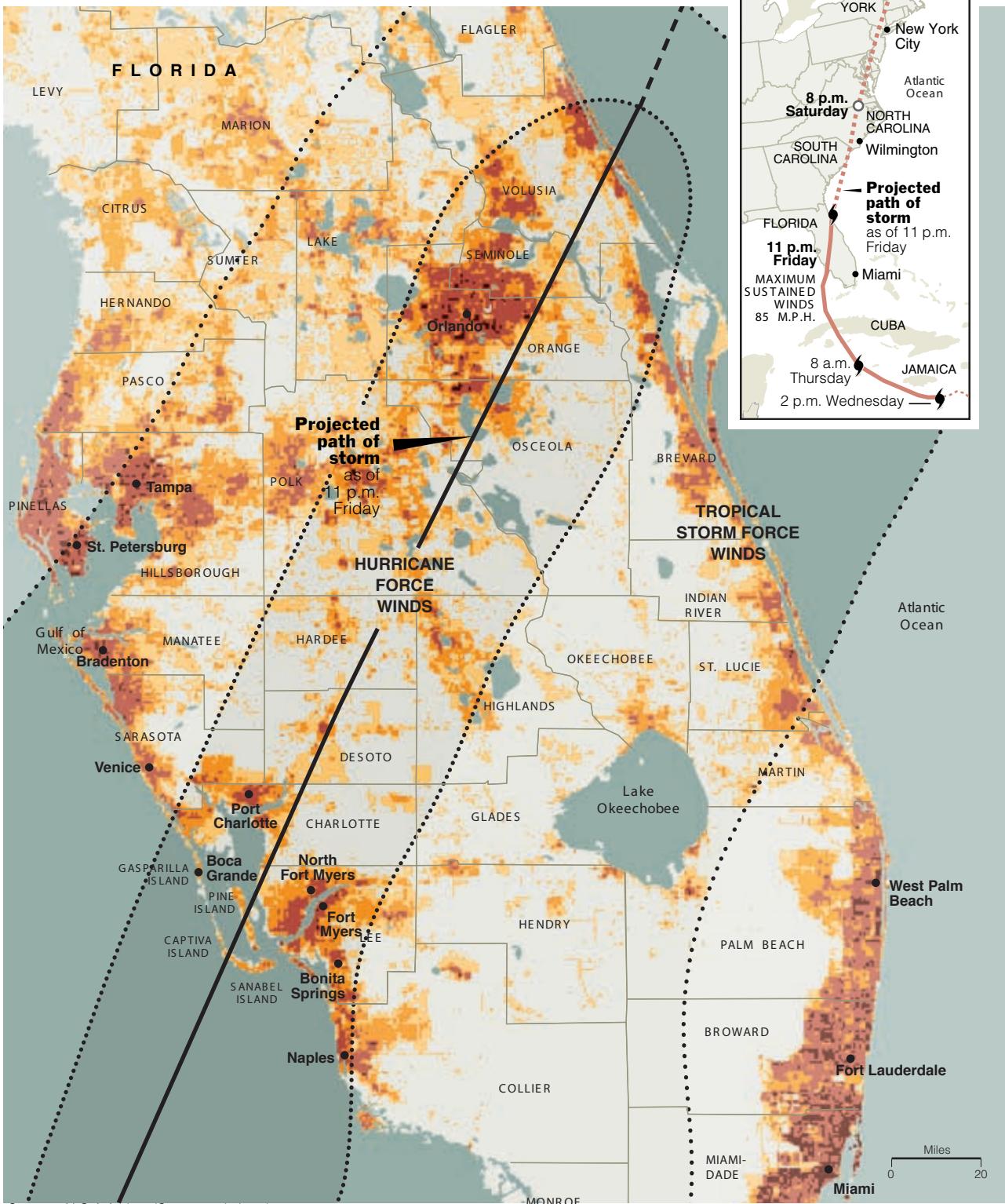




The path of the hurricane through southwestern Florida and the population distribution in the area.

Population density (people per square mile)

10 100 1,000 3,000

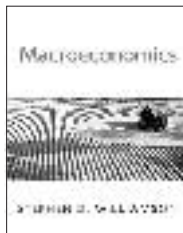


Sources: N.O.A.A.; LandScan population data

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

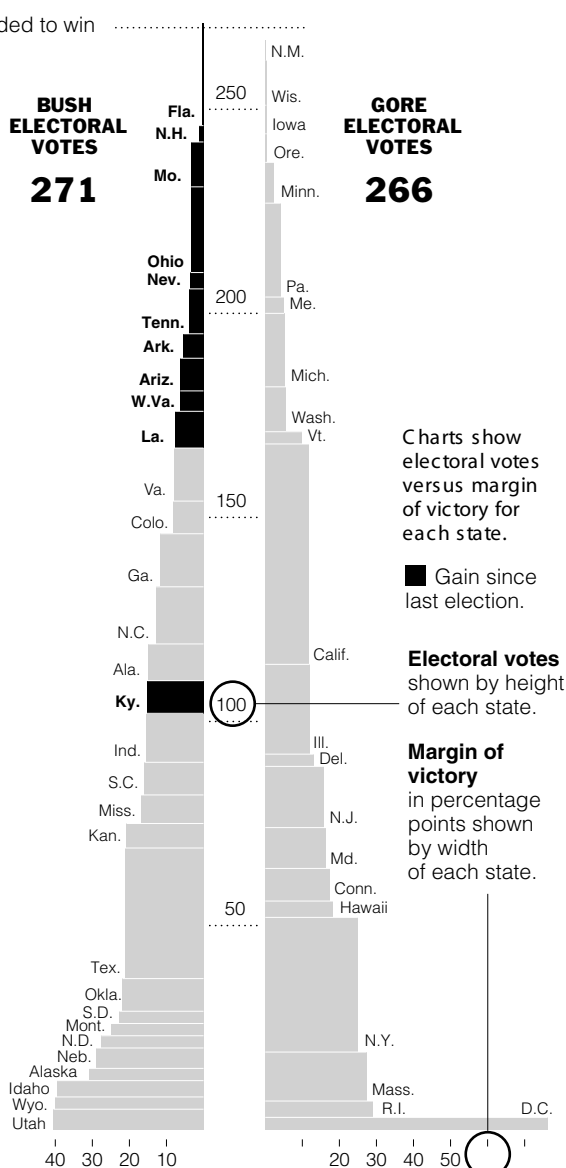
How American paddlefish roe compares with traditional caviar, which comes from sturgeon in Russia or Iran.

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

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 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.

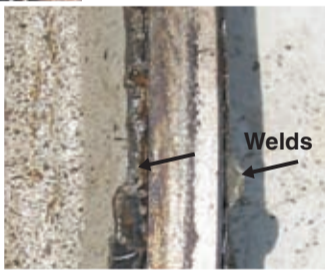
Jib or boom

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.

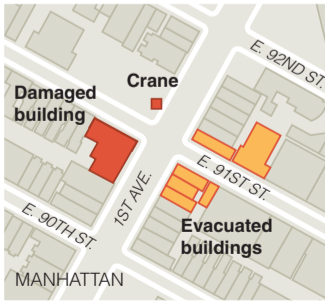


Two parts of the turntable assembly are bonded together with a weld (shown above) that snapped.

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.

Provide context.

Reveal patterns.

Describe processes.

Explain the geography.

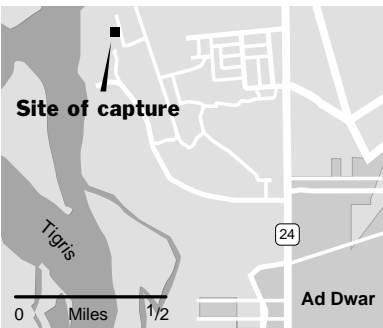
Give a voice
to data.

How We Work

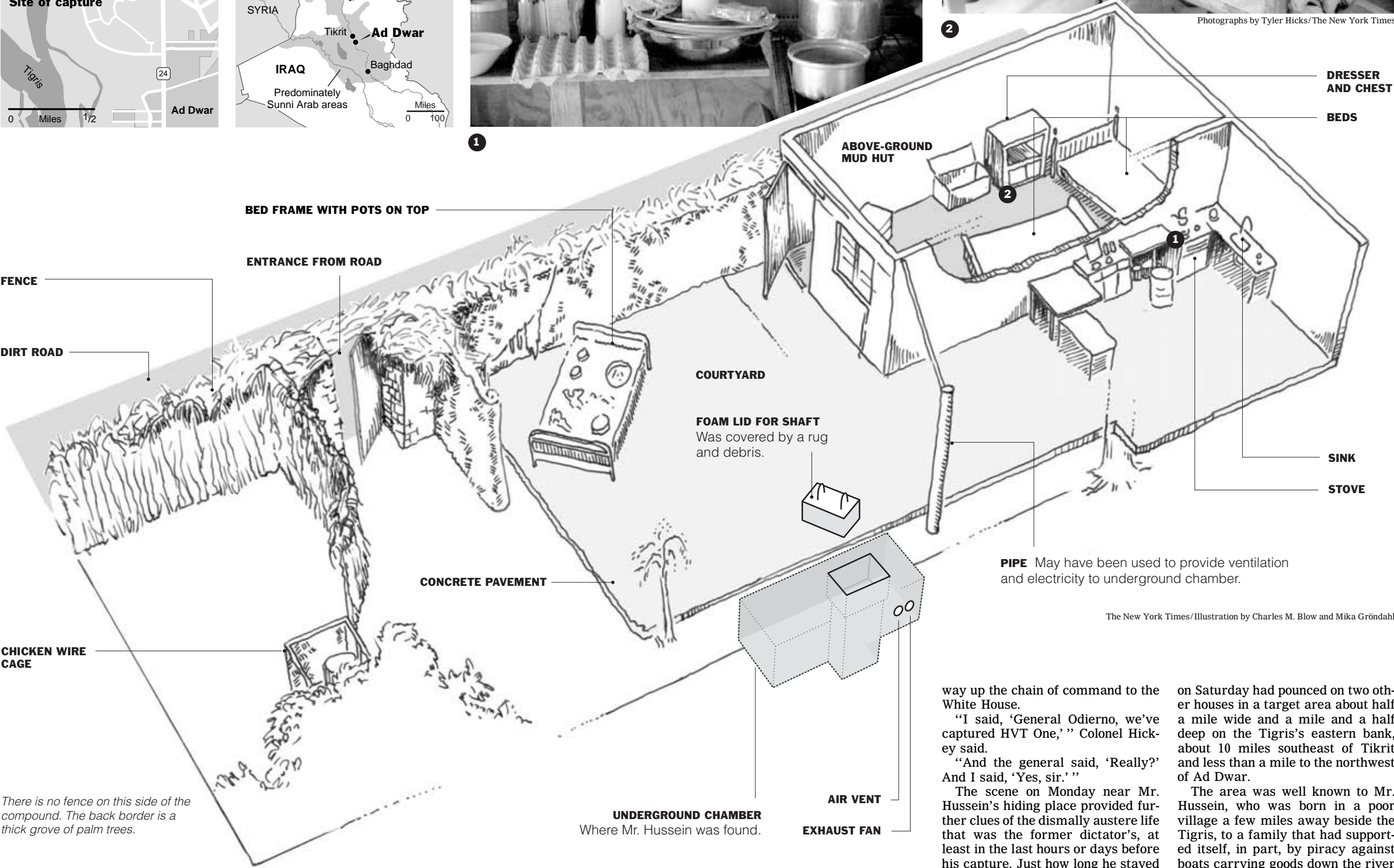
Hussein’s Final Hiding Place: A Small Roadside Compound

AD DWAR, Iraq — Yesterday, allied forces gave a tour of the site where Saddam Hussein was captured, providing a detailed view of the sparse conditions in which he spent his final time as a fugitive. Mr. Hussein was discovered Saturday night hiding in a hole in the ground near a mud hut here. Objects are shown as they were positioned at the time of the tour.

ARCHIE TSE



Photographs by Tyler Hicks/The New York Times



The New York Times/Illustration by Charles M. Blow and Mika Gröndahl

There is no fence on this side of the compound. The back border is a thick grove of palm trees.

THE SURRENDER

U.S. Officers Display the ‘Rathole’ Where Hussein Hid

By JOHN F. BURNS

AD DWAR, Iraq, Dec. 15 — After the gilded palaces and the tyrant’s life of luxury, it came down to this for Saddam Hussein: a final hiding place beneath a messy peasant farmer’s courtyard that was as small and dark and dank as a coffin,

named — had installed a small, 6-inch high ventilation fan above where Mr. Hussein appeared to have placed his feet, a jutting steel pipe for further ventilation and a small light that appeared not to work.

The only traces of its former inhabitant that remained after an American military sweep were sov-

bers of Task Force 121, a new unit.

The Americans, Colonel Hickey said, were ready with an ironic riposte of their own that may still have Mr. Hussein puzzling in the unnamed “high security detention facility,” probably near Baghdad, to which he was moved by helicopter some time on Sunday.

sein’s identity, the colonel replied, “The fact that he announced himself as Saddam Hussein helped.”

A similarly understated, even laconic, quality characterized the radio exchanges between the American soldiers who raided the house and commanders who held back with the corresponding force of Hussein’s

way up the chain of command to the White House.

“I said, ‘General Odierno, we’ve captured HVT One,’” Colonel Hickey said.

“And the general said, ‘Really?’ And I said, ‘Yes, sir.’ ”

The scene on Monday near Mr. Hussein’s hiding place provided further clues of the dismally austere life that was the former dictator’s, at least in the last hours or days before his capture. Just how long he stayed here was not clear.

Inside a concrete hut, belongings that could have been his — two pairs of cheap, unworn Iraqi-made black shoes, three pairs of large men’s white boxer shorts and two T-shirts still in their plastic wrappings, several well-thumbed books of Arabic poetry, and, in a food shelf and a small refrigerator, a jar of honey, some tinned pears and a packet of coconut chocolate Bounty bars — were strewn about a single, unmade bed.

The unworn clothing and shoes suggested provisions for somebody

on Saturday had pounced on two other houses in a target area about half a mile wide and a mile and a half deep on the Tigris’s eastern bank, about 10 miles southeast of Tikrit and less than a mile to the northwest of Ad Dwar.

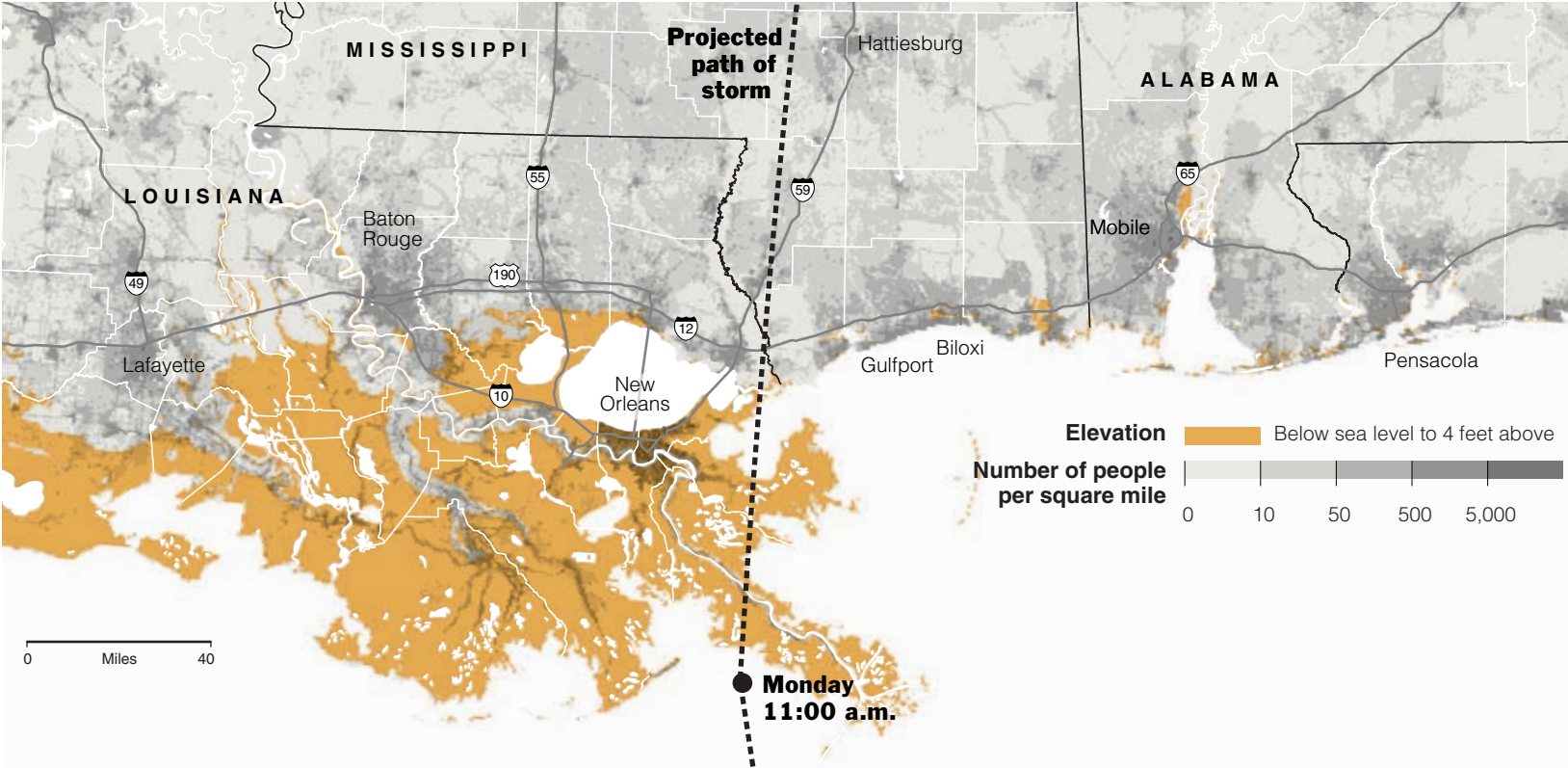
The area was well known to Mr. Hussein, who was born in a poor village a few miles away beside the Tigris, to a family that had supported itself, in part, by piracy against boats carrying goods down the river to Baghdad.

Nor was it the first time that he had found refuge in the area. As a 22-year-old wanted for his part in a failed assassination attempt on Iraq’s then ruler, Gen. Abdul Karim Kassem, in 1959, he passed through the area on his way to sanctuary in Egypt. Then, according to the legend he fostered later, he dressed as a woman and hid for days in a village well.

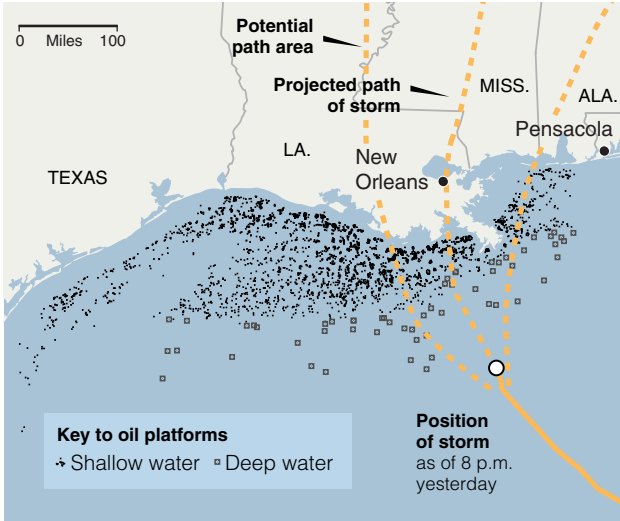
Ad Dwar, a dour cluster of concrete-walled homes and shops about a mile from the house where Mr. Hussein hid, is closely associated

**Explain the
Geography**

Where the gulf region may be affected



Where oil rigs and refineries may be affected



And where New Orleans may be affected Storm surge based on computer model.



A Hurricane's Wrath

Hurricane Katrina pummeled the coastline from Louisiana to Florida yesterday, leaving floods and widespread damage in its wake.

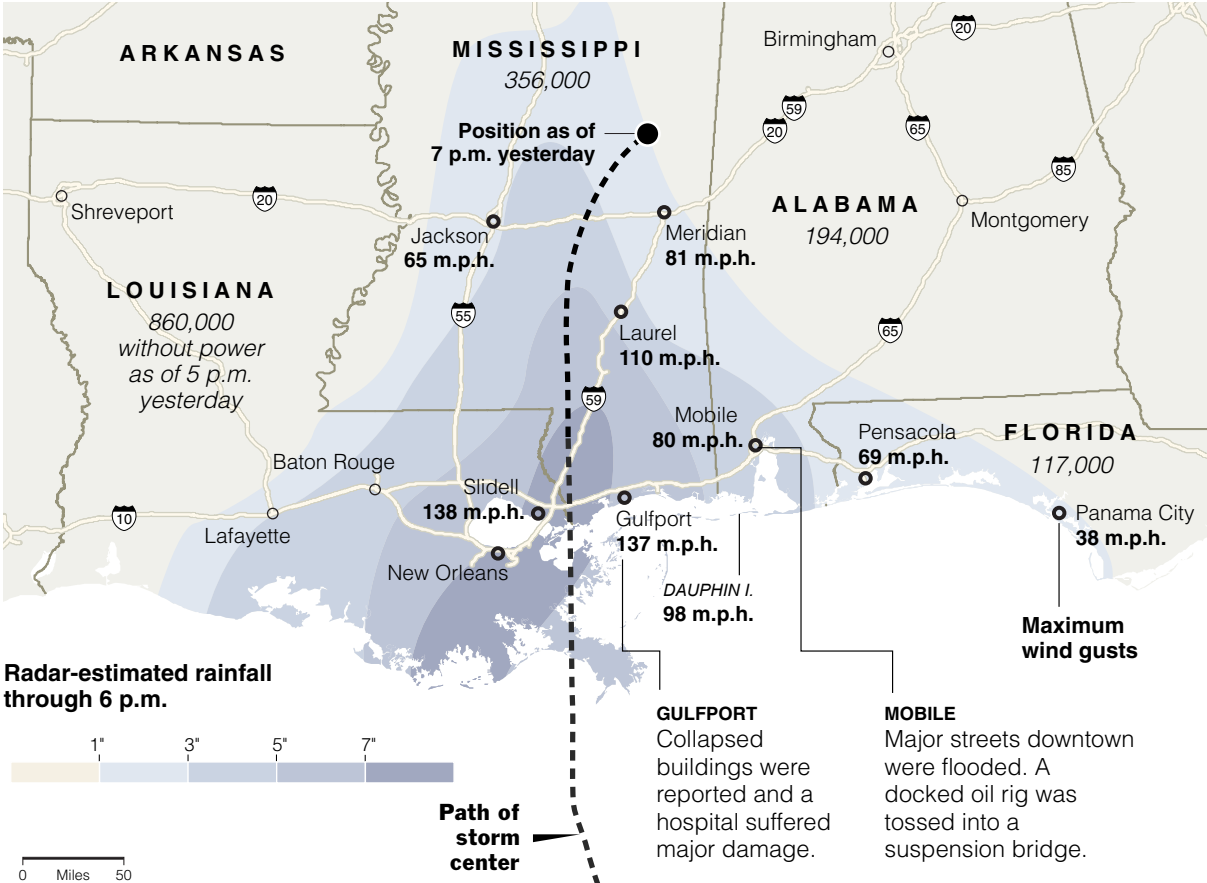
In New Orleans

Waves breached the levees surrounding New Orleans in several spots, flooding most downtown and eastern areas. Many of the 22 pump stations along the levees were offline for at least part of the day.

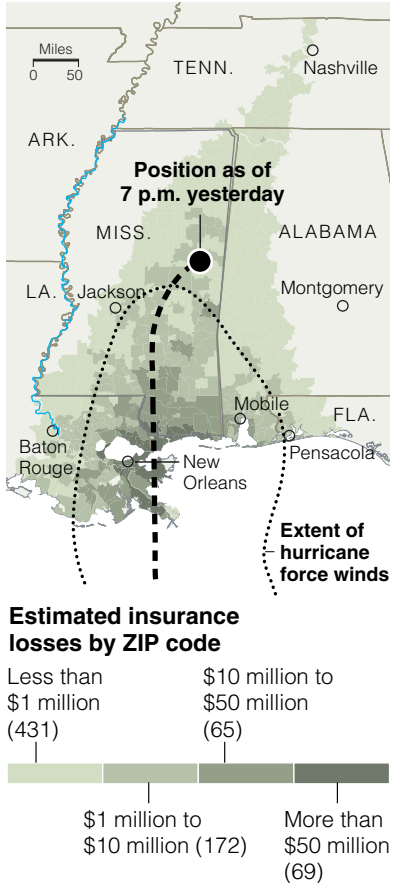
..... Dotted lines show locations of levees



Across the region



Insurance loss estimates



Sources: Army Corps of Engineers; National Oceanic and Atmospheric Administration, National Weather Service; Pennsylvania State University; AIR Worldwide Corporation; Entergy Corp.; Southern Co.; Cleco Corp.; Platts, Associated Press

The New York Times; satellite image from DigitalGlobe via Google Earth

Below Sea Level, Fighting Floods

Floodwaters poured into New Orleans yesterday after levees were breached. Efforts to plug the largest breach with 3,000-pound sandbags failed, and Mayor Ray Nagin said that the water was expected to continue rising Tuesday night.

Lake Pontchartrain

17th Street Canal Breach

WEST END
Homes and businesses completely submerged.

NINTH WARD
Floodwaters at rooftops.

TULANE UNIVERSITY HOSPITAL
Flood depth 6 feet; evacuation of some patients begun.

FRENCH QUARTER
Mostly spared from flooding.

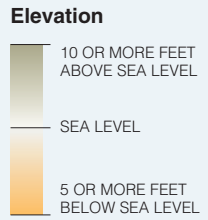
INDUSTRIAL CANAL LEVEE
Levee breached.

ST. BERNARD PARISH
Floodwaters at rooftops.

CONVENTION CENTER
The planned base of operations for emergency workers was impossible to reach.

SUPERDOME
Water depth was 3 feet around the stadium.

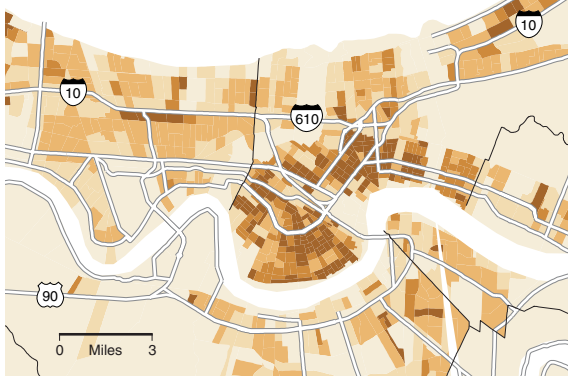
Some roads are still open south of the Mississippi River.



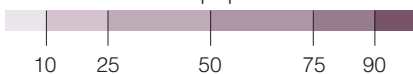
Levees

Demographics of New Orleans

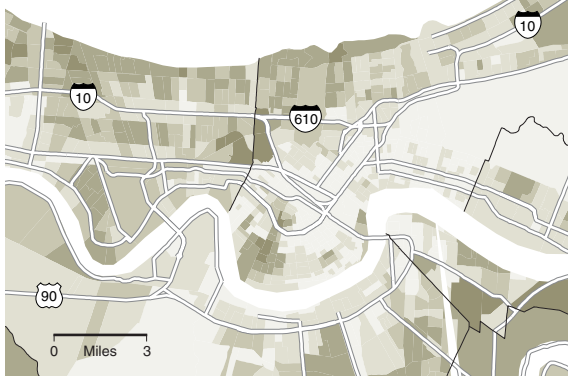
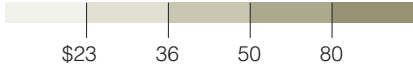
People per square mile (in thousands)



Percent non-white population

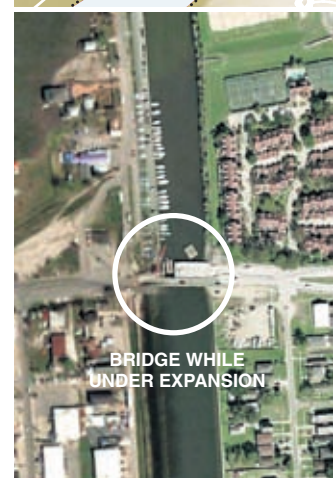


Median household income (in thousands)

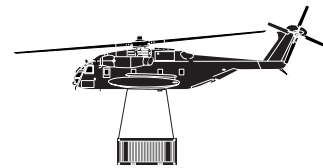


Sources: U.S. Army Corps of Engineers; U.S. Geological Survey; New Orleans Times-Picayune; Associated Press; Census Bureau; New Orleans Mayor's Office

The New York Times; satellite photograph from DigitalGlobe via Keyhole



A major breach near a newly-expanded bridge on the 17th Street Canal sent water pouring into the city.



Possible methods to plug the breach include dropping concrete highway barriers or cargo containers filled with sand into the breach.

BRIDGE WHILE UNDER EXPANSION

THE OVERVIEW

New Orleans Is Inundated as 2 Levees Fail; Much of Gulf Coast Is Crippled; Toll Rises

Continued From Page A1

Nagin lamented that while the city had dodged the worst-case scenario on Monday. Tuesday was "the second-worst-case scenario."

officials said, a police officer was shot and critically wounded.

"These are not individuals looting," Colonel Ebbert said. "These are large groups of armed individuals."

Officials at the Louisiana Office of Homeland Security confirmed that

Adequate for Refugees, but Football?

With holes in its roof and thousands of people stranded inside, the Louisiana Superdome in New Orleans...

preseason game against the Oakland Raiders on Thursday night.

The Saints open the regular

"We're racing the clock in terms of possible injury," said Michael Chertoff, the national homeland security secretary. "We're racing the clock in terms of illness, and we're racing the clock to get them food and water."

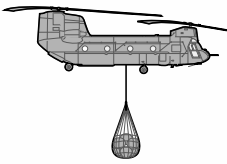
The hurricane, downgraded to a

the night to take shelter in a 24-hour bar in the French Quarter. Another left her flooding house but could not persuade her elderly roommate to come with her. Her roommate insisted, "God will take care of me."

People waded through waist-high

Officials spent much of Wednesday trying to close the breach on the 17th Street canal.

Steel wall The Army Corps plans to construct a steel wall on the exterior of a bridge to cut the lake off from the canal.



Helicopters On Wednesday, they dropped sand bags and concrete blocks in the breach.



Broken Levees, Slow Repairs

Yesterday, repair attempts failed and at least one new gap opened in the system of levees that surrounds New Orleans. But the inundation slowed midday as the water stopped rising.

- Pumping station**
All currently offline
- Major levees and flood walls**
- Flooded areas**
As of noon Tuesday
- Smaller levees, flood walls and roads that block flow of water**

The extent of flooding was determined using an infrared satellite image taken at noon on Tuesday. Water continued to rise after the image was taken.



Sources: Center for Southeastern Tropical Advanced Remote Sensing, University of Miami; U.S. Army Corps of Engineers; University of Notre Dame; New Orleans Times-Picayune; Associated Press

The New York Times; photographs from DigitalGlobe via Keyhole (satellite images) and The Associated Press

THE OVERVIEW

Bush Sees Recovery Taking Years; 30,000 Troops in Largest Recovery Effort

Continued From Page A1

the heavily populated areas — hotels, hospitals — and we're going to stop it.

Ebbert, director of homeland security for New Orleans, offered a glimmer of hope. He said the city's flooding seemed to be stabilizing. "The water isn't going to get high

THE CONSEQUENCES
A closer look at the potential economic and financial results of Hurricane Katrina in BusinessDay

almost destroyed, and Biloxi was heavily damaged. In Alabama, more than 400,000 homes and businesses were without power, flooding reached 11 feet in

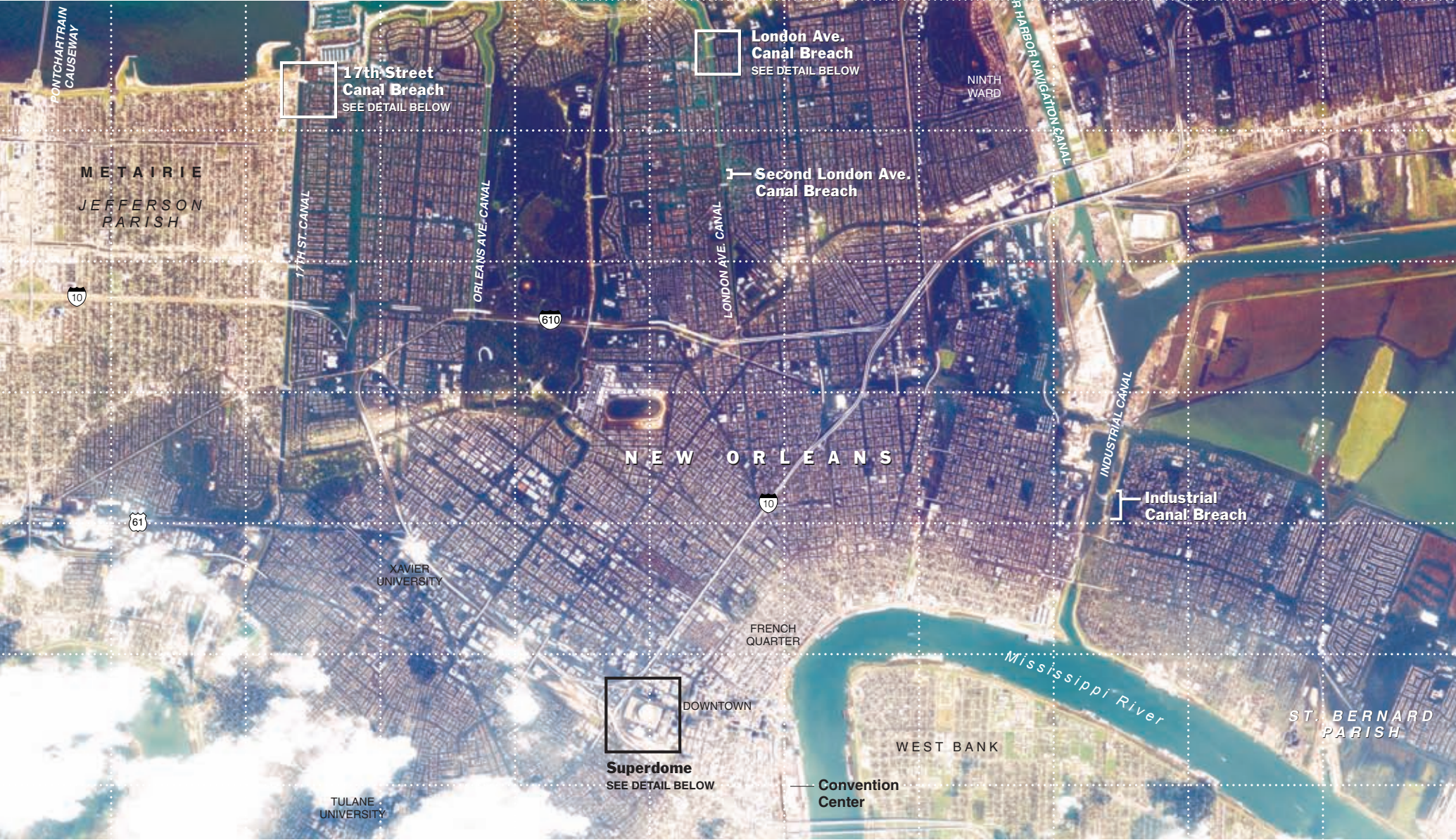
back in order. New communities will flourish. The great city of New Orleans will be back on its feet. And America will be a stronger place for it."

recovery effort. Under the mobilization, the Pentagon was sending in eight ships carrying food, medicine, fuel and other supplies, as well as construction ma-

The Flooding in New Orleans

A satellite photograph taken at 10:30 a.m. on Wednesday shows most of New Orleans inundated by floodwaters. Yesterday, helicopters continued to drop sandbags and concrete blocks in the main breach, on the 17th Street Canal, while crews planned to build a wall out of steel plates that would separate the canal from the lake.

IMAGE KEY



GRID SQUARES
ARE 1 MILE
ON EACH SIDE

Evacuating the city

FRENCH QUARTER AND DOWNTOWN City officials were trying to decide how to evacuate hotels.

SUPERDOME Evacuations by bus were under way.

NEW ORLEANS CONVENTION CENTER Refugees, who numbered from 15,000 to 20,000, were given permission to walk across a bridge to the city's west bank.

XAVIER UNIVERSITY Students and staff members were being evacuated.

TULANE UNIVERSITY HOSPITAL All patients evacuated.

TOURO INFIRMARY Two busloads of patients and staff evacuated.

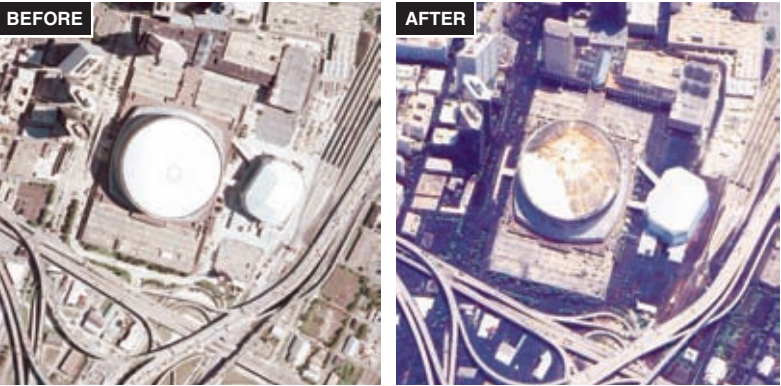
CHARITY HOSPITAL Evacuation efforts halted after the hospital came under sniper fire.

Breach on the east side of the 17th Street Canal



Sources: Lousiana Department of Transportation and Development, Army Corps of Engineers, The Times-Picayune, City of New Orleans

Superdome area



Breach on the west side of the London Avenue Canal



The New York Times; photographs from NOAA (close-ups of 2 breaches) and DigitalGlobe (others)

THE OVERVIEW

New Orleans Is Gripped by Despair and Lawlessness

Continued From Page A1

called on citizens to conserve fuel while two big pipelines that supply most of the state's gasoline were brought back on line.

concurred and he was particularly pungent in his criticism. Asserting that the whole recovery operation had been "carried on the backs of the little guys for four goddamn days," he said "the rest of the goddamn na-

priority was to evacuate New Orleans, Mr. Chertoff said. To that end, some 200 buses had left the Superdome for the Astrodome in Houston by midday, he said, adding that another 200 buses were expected to

ually destroyed," he said. "It was quiet. It was eerie. It was horrible to behold." House leaders intended to hold a special session Friday to approve the measure.

THE EVACUATION

Four Days After Hurricane, A City Awaits Deliverance

Continued From Page A15

bors spent the last four days on his apartment building roof in central

INTERACTIVES

Oil Spill in the Gulf

Reveal Patterns

INTERACTIVES

Taxi Patterns

The Hazards of Digging Deeper

**Provide
Context**

INTERACTIVES

Evacuation Zones

The Radiation's Reach

Before and After the Earthquake in Japan

Describe Processes

INTERACTIVES

Flight 1549

3 Keys

Smart Content.
Engaging Form.
Clear Presentation.

**How You
Can Do It**

Report and Research

What data do you have?
What data should you have?

INTERACTIVES

Seat Ice in Retreat

Food stamps

Egypt

Afghans Detail U.S. Detention In ‘Black Jail’

Say They Were Denied Access to Red Cross

By ALISSA J. RUBIN

KABUL, Afghanistan — An American military detention camp in Afghanistan is still holding inmates, sometimes for weeks at a time, without access to the International Committee of the Red Cross, according to human rights researchers and former detainees held at the site on the Bagram Air Base.

The site, known to detainees as the black jail, consists of individual windowless concrete cells, each illuminated by a single light bulb glowing 24 hours a day. In interviews, former detainees said that their only human contact was at twice-daily interrogation sessions.

“The black jail was the most dangerous and fearful place,” said Hamidullah, a spare-parts dealer in Kandahar who said he was detained there in June. “They don’t let the I.C.R. officials or any other civilians see or communicate with the people they keep there. Because I did not know what time it was, I did not know when to pray.”

The jail’s operation highlights a tension between President Obama’s goal to improve detention conditions that had drawn condemnation under the Bush administration and his stated desire to give military commanders leeway to operate. While Mr. Obama signed an order to eliminate so-called black sites run by the Central Intelligence Agency in January, it did not also close this jail, which is run by military Special Operations forces.

Military officials said as recently as this summer that the Afghanistan jail and another like it at the Balad Air Base in Iraq were being used to interrogate high-value detainees. And officials said recently that there were no plans to close the jails.

In August, the administration restricted the time that detainees could be held at the military jails to two weeks, changing previous

Continued on Page 20

U.S. TO PRESSURE MORTGAGE FIRMS FOR LOAN RELIEF

OFFICIAL FAULTS BANKS

\$75 Billion Federal Push to Stem Foreclosures Is Falling Short

By PETER S. GOODMAN

The Obama administration on Monday plans to announce a campaign to pressure mortgage companies to reduce payments for many more troubled homeowners, as evidence mounts that a \$75 billion taxpayer-financed effort aimed at stemming foreclosures is foundering.

“The banks are not doing a good enough job,” Michael S. Barr, Treasury’s assistant secretary for financial institutions, said in an interview Friday. “Some of the firms ought to be embarrassed, and they will be.”

Even as lenders have in recent months accelerated the pace at which they are reducing mortgage payments for borrowers, a vast majority of loans modified through the program remain in a trial stage lasting up to five months, and only a tiny fraction have been made permanent.

Mr. Barr said the government would try to use shame as a corrective, publicly naming those institutions that move too slowly to permanently lower mortgage payments. The Treasury Department also will wait until reductions are permanent before paying cash incentives that it promised to mortgage companies that lower loan payments.

“They’re not getting a penny from the federal government until they move forward,” Mr. Barr said.

From its inception early this year, the Obama administration’s program, called Making Home Affordable, has been dogged by persistent questions about whether it could diminish a swelling wave of foreclosures. Some economists argued that the plan was built for last year’s problem

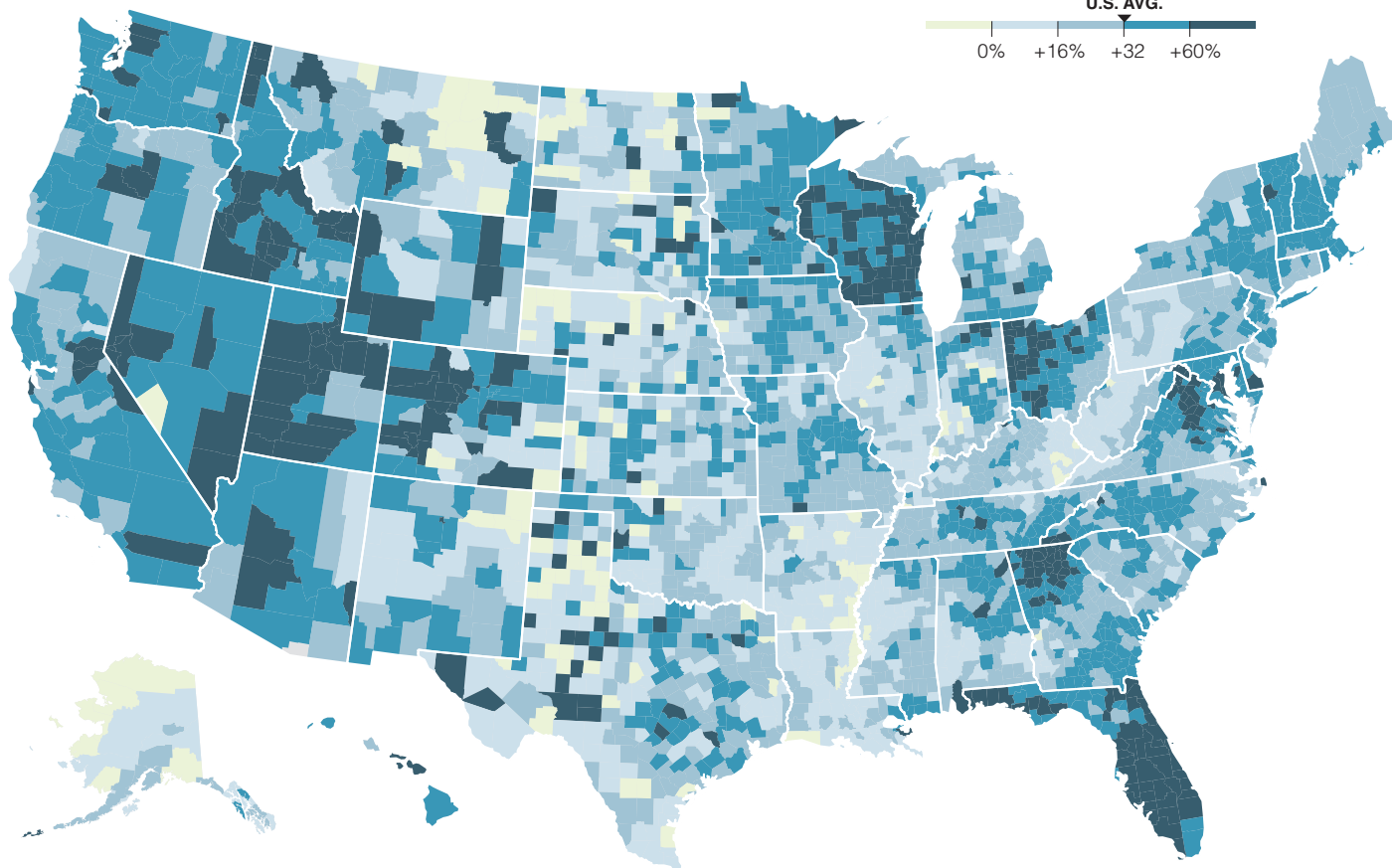
Continued on Page 28

Food Stamp Use Soars Across U.S., and Stigma Fades

The number of people who receive food stamps has increased nearly a third over the past two years, resulting in a program that feeds more than 36 million.

Change in number of people who receive food stamps, June 2007 to June 2009

U.S. AVG.
0% +16% +32 +60%



Arizona, California and Nevada

Phoenix, Las Vegas and areas of California are awash in foreclosures. Maricopa County, Ariz., added 190,000 people to the food stamp rolls, more than any other county.

Ohio, Michigan and Wisconsin

The rolls have risen in a battered manufacturing region. Macomb County, Mich., is home to four ailing auto plants; use is up 45 percent. Milwaukee won fame a decade ago by “ending welfare,” but nearly 40 percent of its children receive food stamps.

Florida, Greater Atlanta

Ft. Myers, Fla., is the center of a foreclosure epidemic; in six contiguous counties, the rolls have more than doubled. With similar woes around Atlanta, three wealthy suburban counties have doubled their use, too.

Sources: state social service agencies

JASON DePARLE, MATTHEW ERICSON AND ROBERT GEBELOFF/THE NEW YORK TIMES

By JASON DePARLE
and ROBERT GEBELOFF

MARTINSVILLE, Ohio — With food stamp use at record highs and climbing every month, a program once scorned as a failed welfare scheme now helps feed one in eight Americans and one in four children.

It has grown so rapidly in places so diverse that it is becoming nearly as ordinary as the groceries it buys. More than 36 million people use inconspicuous plastic cards for staples like milk, bread and cheese, swiping them at counters in blighted cities and in suburbs pocked with foreclosure signs.

Virtually all have incomes near or below the federal poverty line,

but their eclectic ranks testify to the range of people struggling with basic needs. They include single mothers and married couples, the newly jobless and the chronically poor, longtime recipients of welfare checks and workers whose reduced hours or slender wages leave pantries bare.

While the numbers have soared during the recession, the path was cleared in better times when the Bush administration led a campaign to erase the program’s stigma, calling food stamps “nutritional aid” instead of welfare, and made it easier to apply. That bipartisan effort capped an extraordinary reversal from the 1990s, when some conservatives tried to abolish the program, Congress enacted large

THE SAFETY NET

A Program Once Scorned

cuts and bureaucratic hurdles chased many needy people away.

From the ailing resorts of the Florida Keys to Alaskan villages along the Bering Sea, the program is now expanding at a pace of about 20,000 people a day.

There are 239 counties in the United States where at least a quarter of the population receives food stamps, according to an analysis of local data collected by The New York Times.

The counties are as big as the Bronx and Philadelphia and as small as Owsley County in Kentucky, a patch of Appalachian distress where half of the 4,600 resi-

dents receive food stamps.

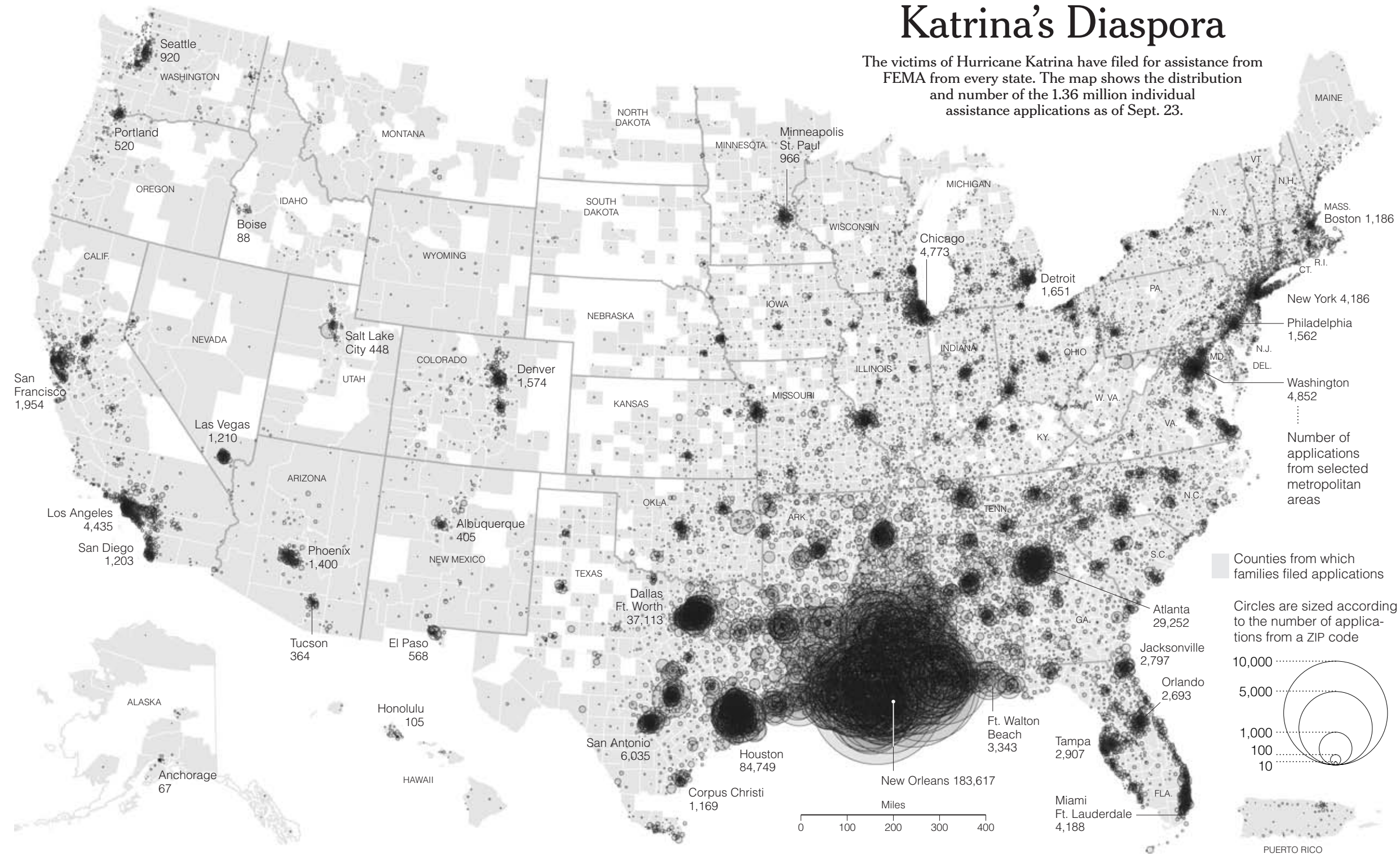
In more than 750 counties, the program helps feed one in three blacks. In more than 800 counties, it helps feed one in three children. In the Mississippi River cities of St. Louis, Memphis and New Orleans, half of the children or more receive food stamps. Even in Peoria, Ill. — Everytown, U.S.A. — nearly 40 percent of children receive aid.

While use is greatest where poverty runs deep, the growth has been especially swift in once-prosperous places hit by the housing bust. There are about 50 small counties and a dozen sizable ones where the rolls have doubled in the last two years. In

Continued on Page 26

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

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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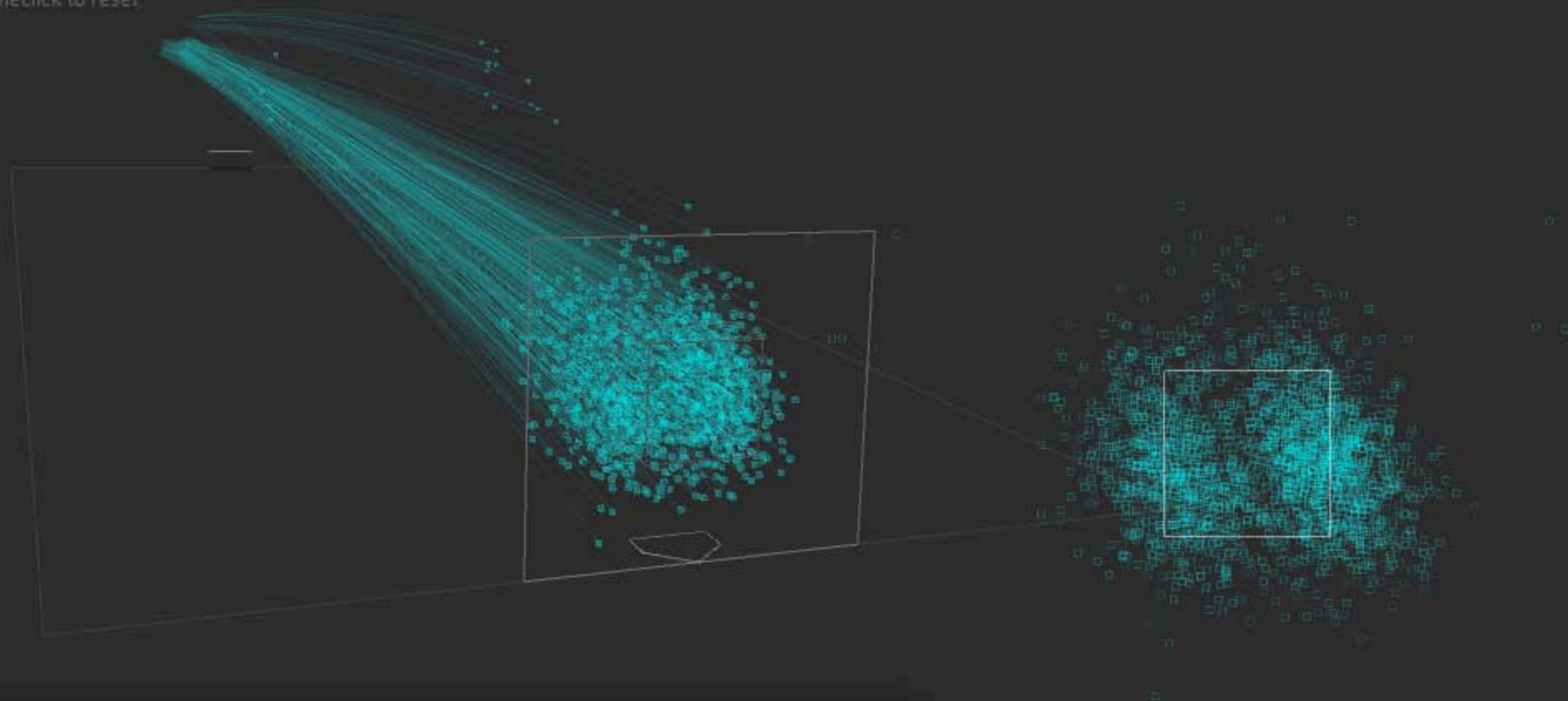
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4.153" vx0="6.198" pfx_x="-1.2" y="119.16" type_confidence=".909" nasty="73" pitc
end_speed="84.1" id="446" on_3b="425903" type="X" spin_dir="184.469" des="In play
break_length="1.2" px="0.596" sz_bot="1.56" spin_rate="3027.565" pz="3.586"></pit
```

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

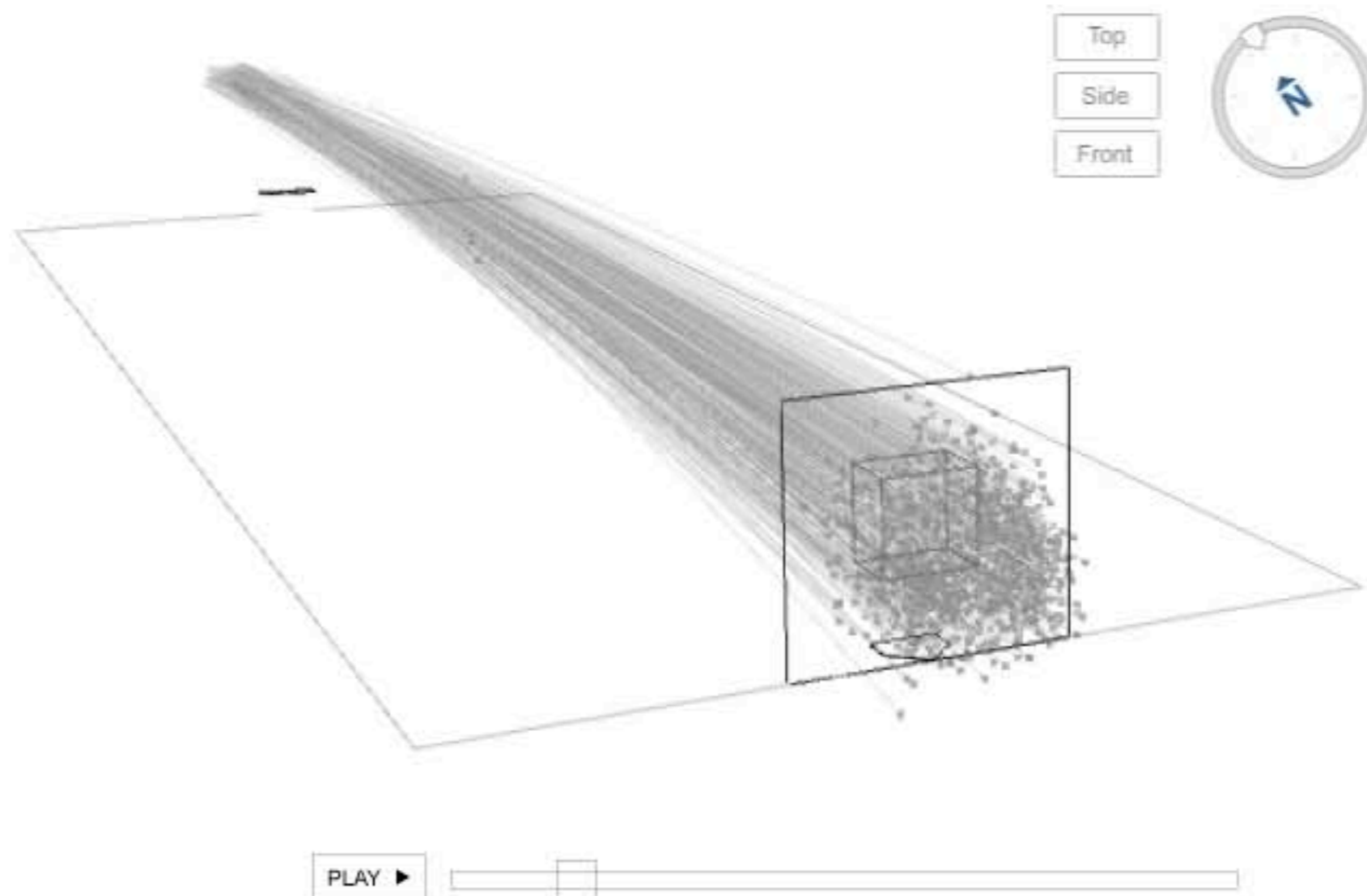
Ball	12.2%	<div></div>
Strike	30.2%	<div></div>
Safe Hit	5.2%	<div></div>
In play out	1.2%	<div></div>

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

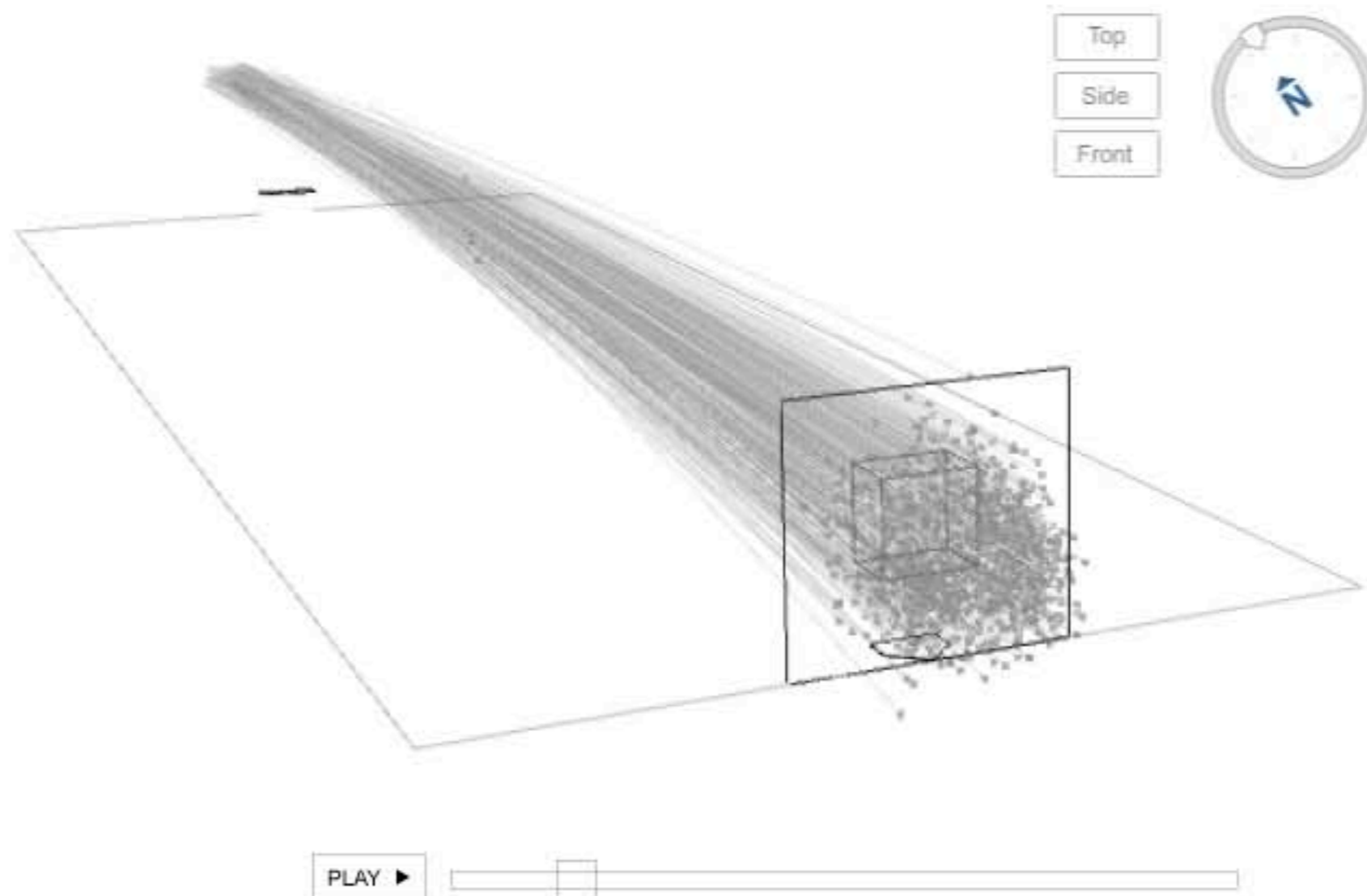
Ball	12.2%	<div></div>
Strike	30.2%	<div></div>
Safe Hit	5.2%	<div></div>
In play out	1.2%	<div></div>

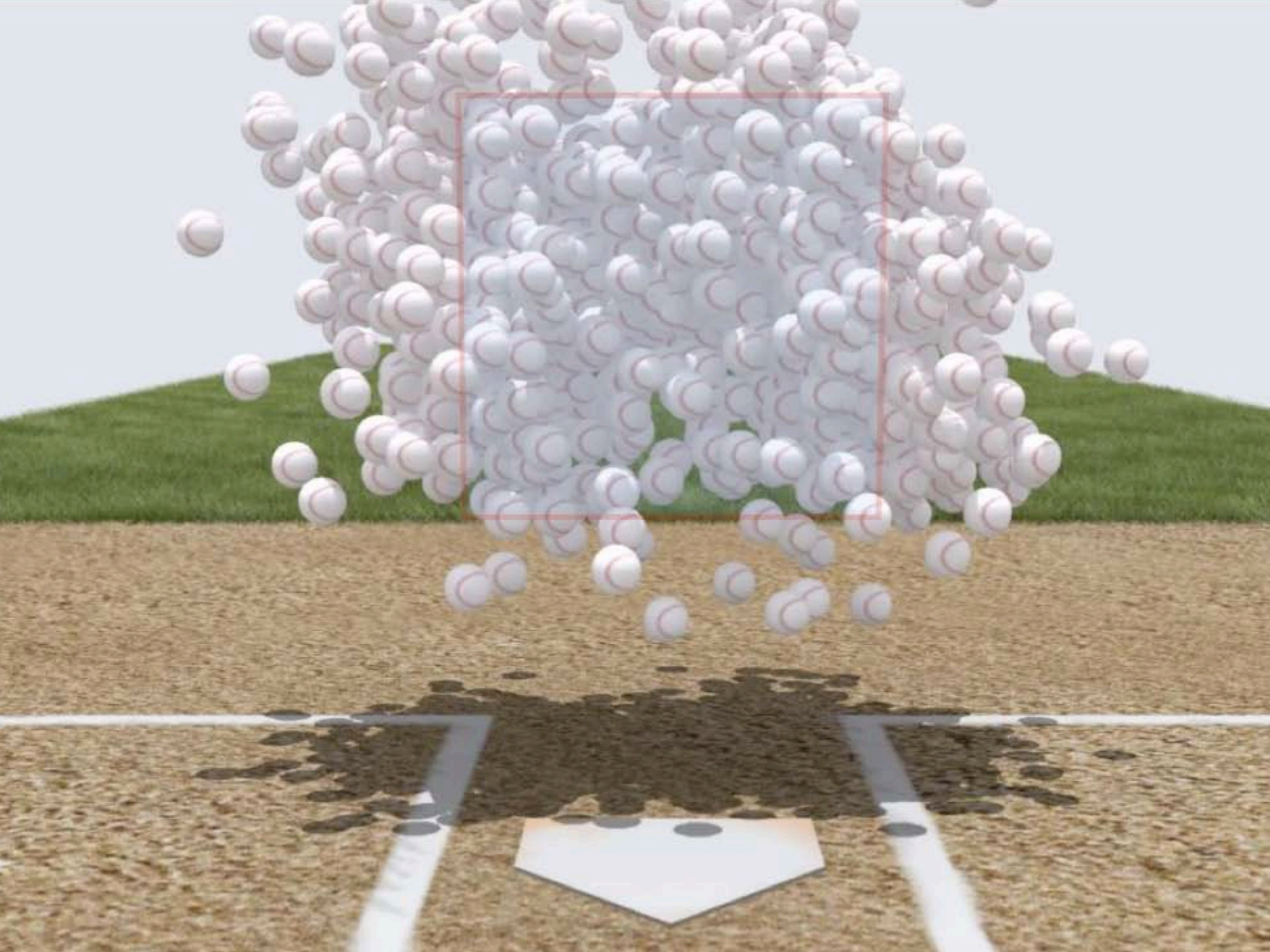
MOVEMENT

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

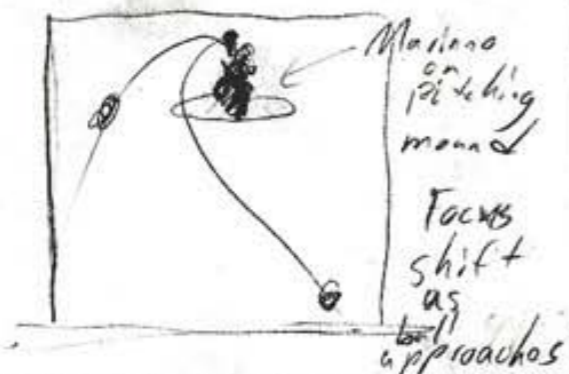
AVERAGES

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





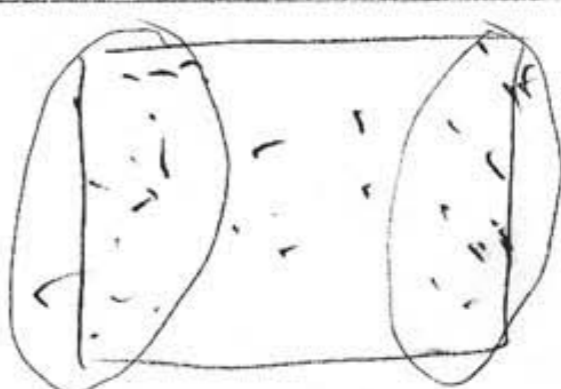
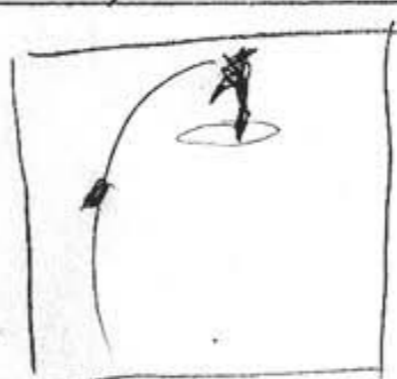
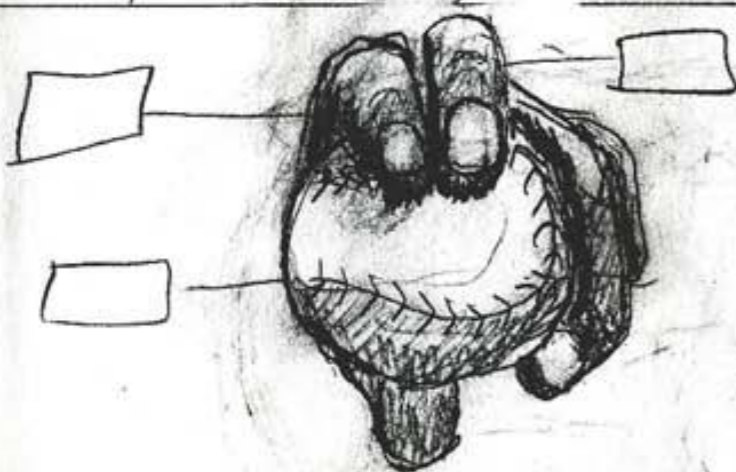
V.O.
begins



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 then →

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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INTERACTIVES

Mariano Rivera

What's in Your Water

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
<input type="checkbox"/>	06880	THE DARK KNIGHT	Action & Adventure	25	Westport	06880
<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

Where Movies Were Popular

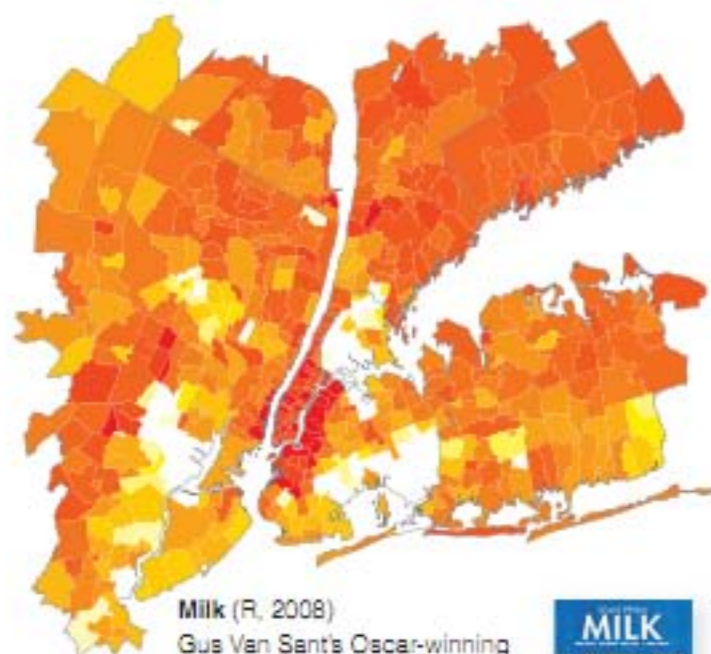
While many of the region's most popular titles were well-liked everywhere, others had pockets of strong support – and pockets of little interest. In many cases, a rental most popular in one ZIP code was not among the top 50 titles of a neighboring one. Some patterns of support:

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

Ranked No. 1

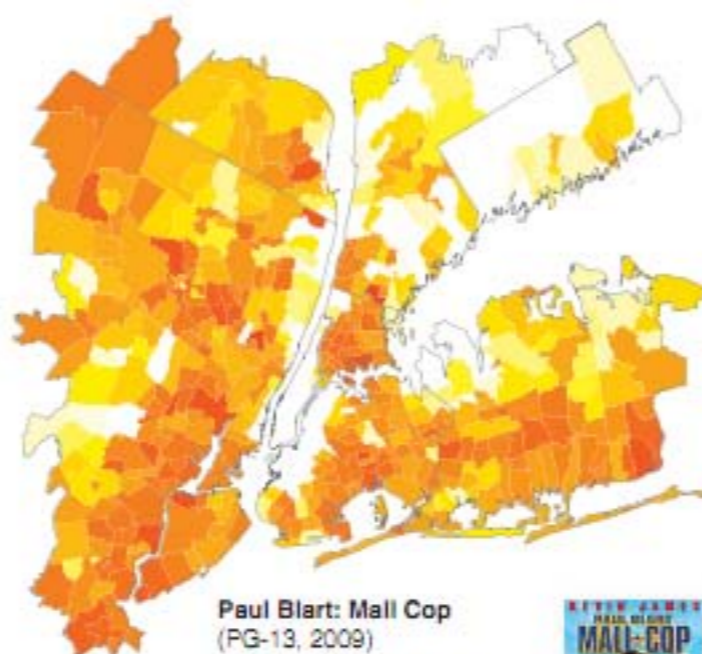
No. 50

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



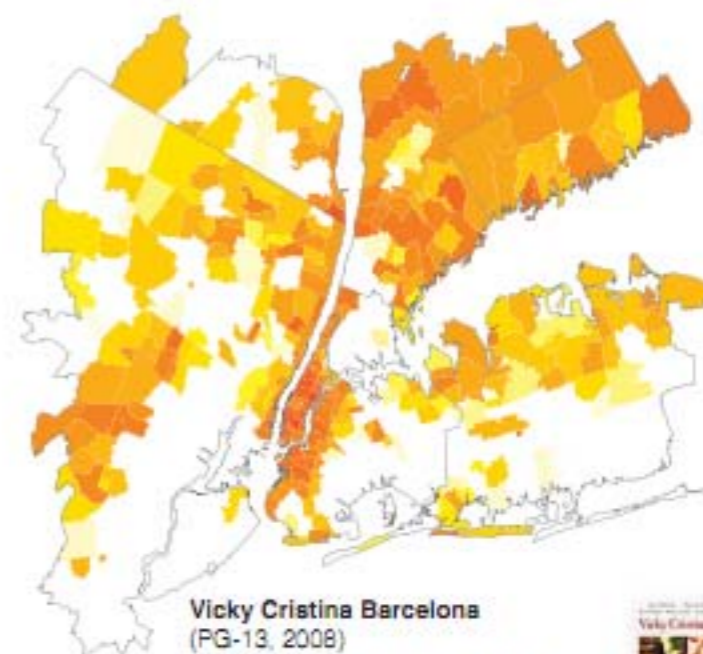
Milk (R, 2008)

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.



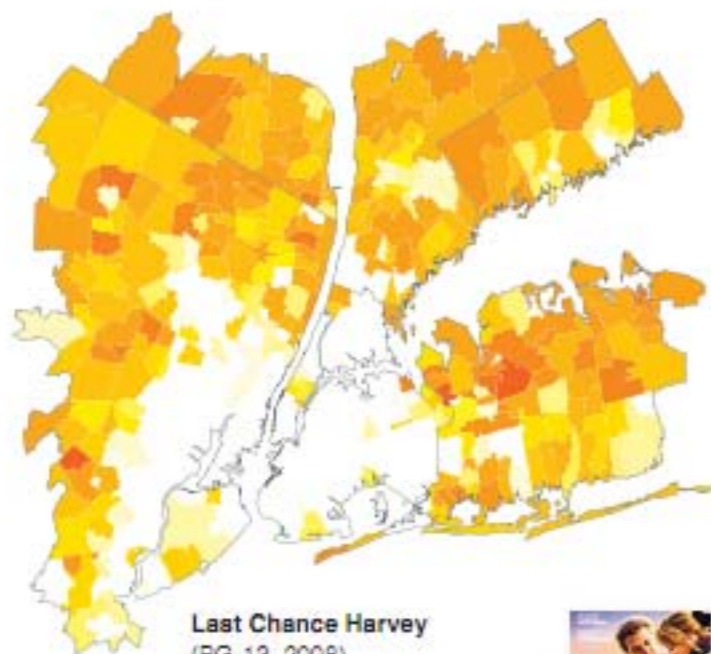
Paul Blart: Mall Cop (PG-13, 2009)

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



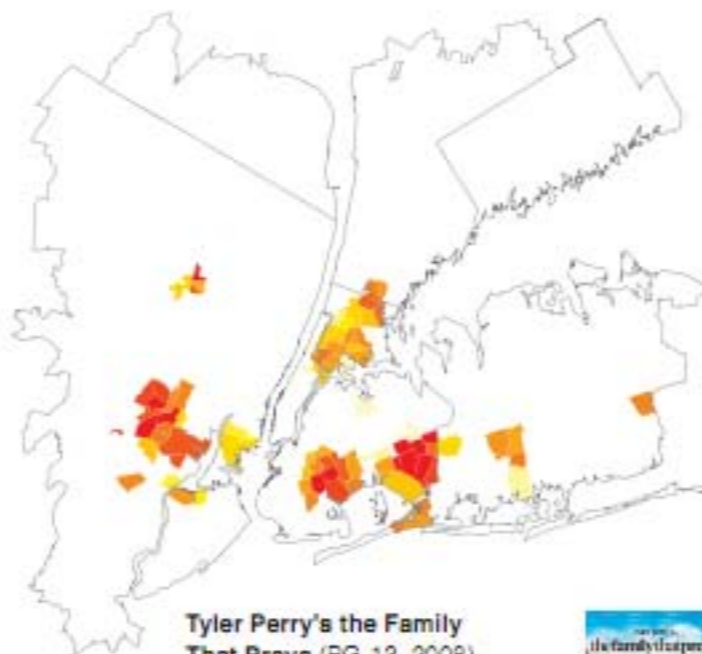
Vicky Cristina Barcelona (PG-13, 2008)

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.



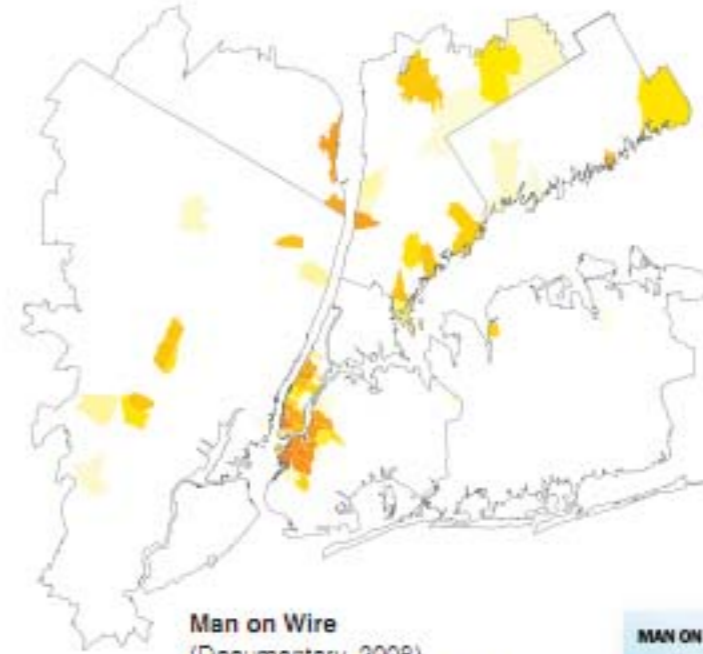
Last Chance Harvey (PG-13, 2008)

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)

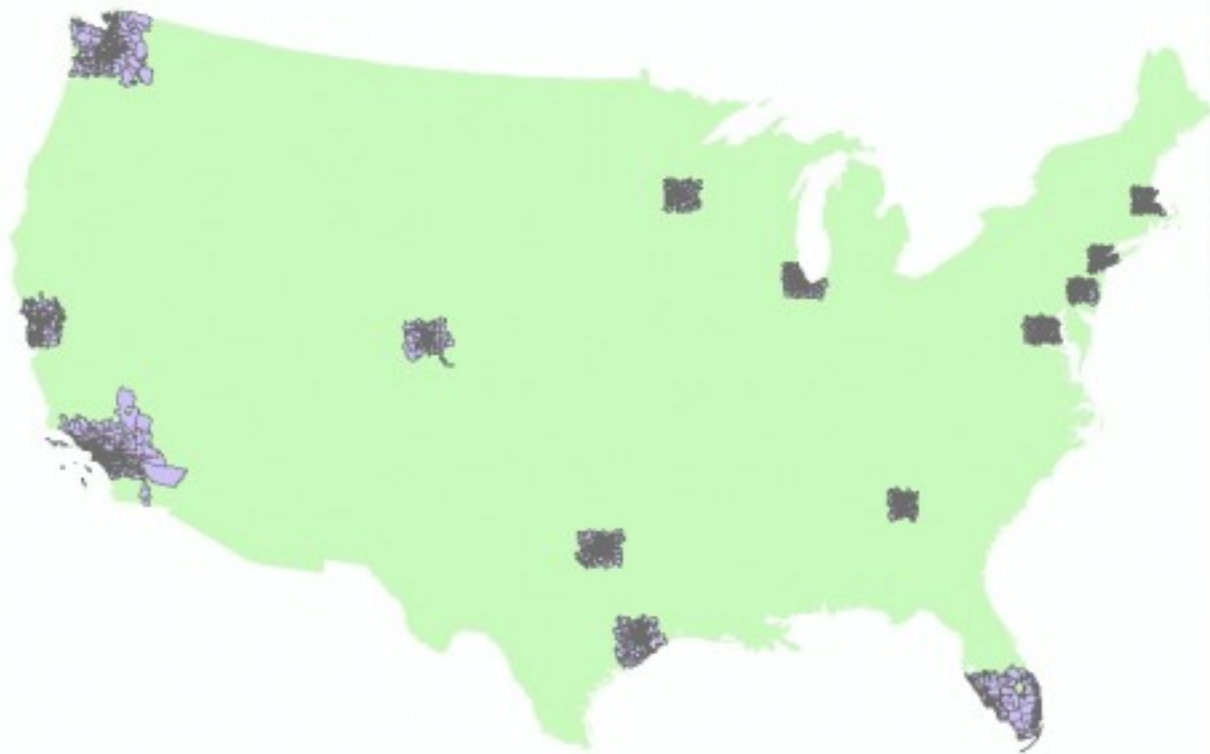
Only one in six ZIP codes had this in their top 50, but it ranked No. 1 in some places, including Jamaica, Queens; East Orange, N.J.; and the Brownsville and East Flatbush neighborhoods in Brooklyn.

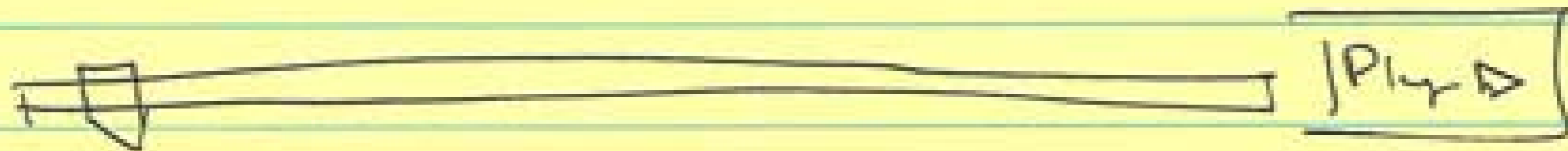


Man on Wire (Documentary, 2008)

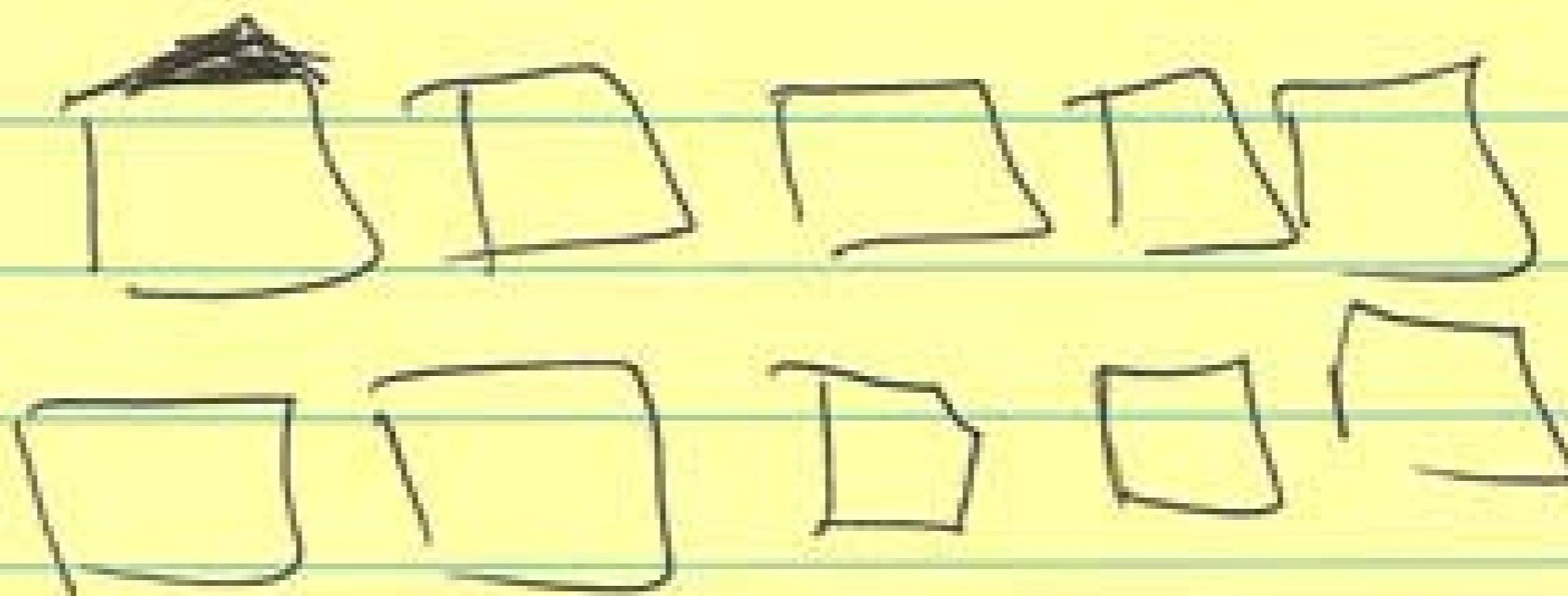
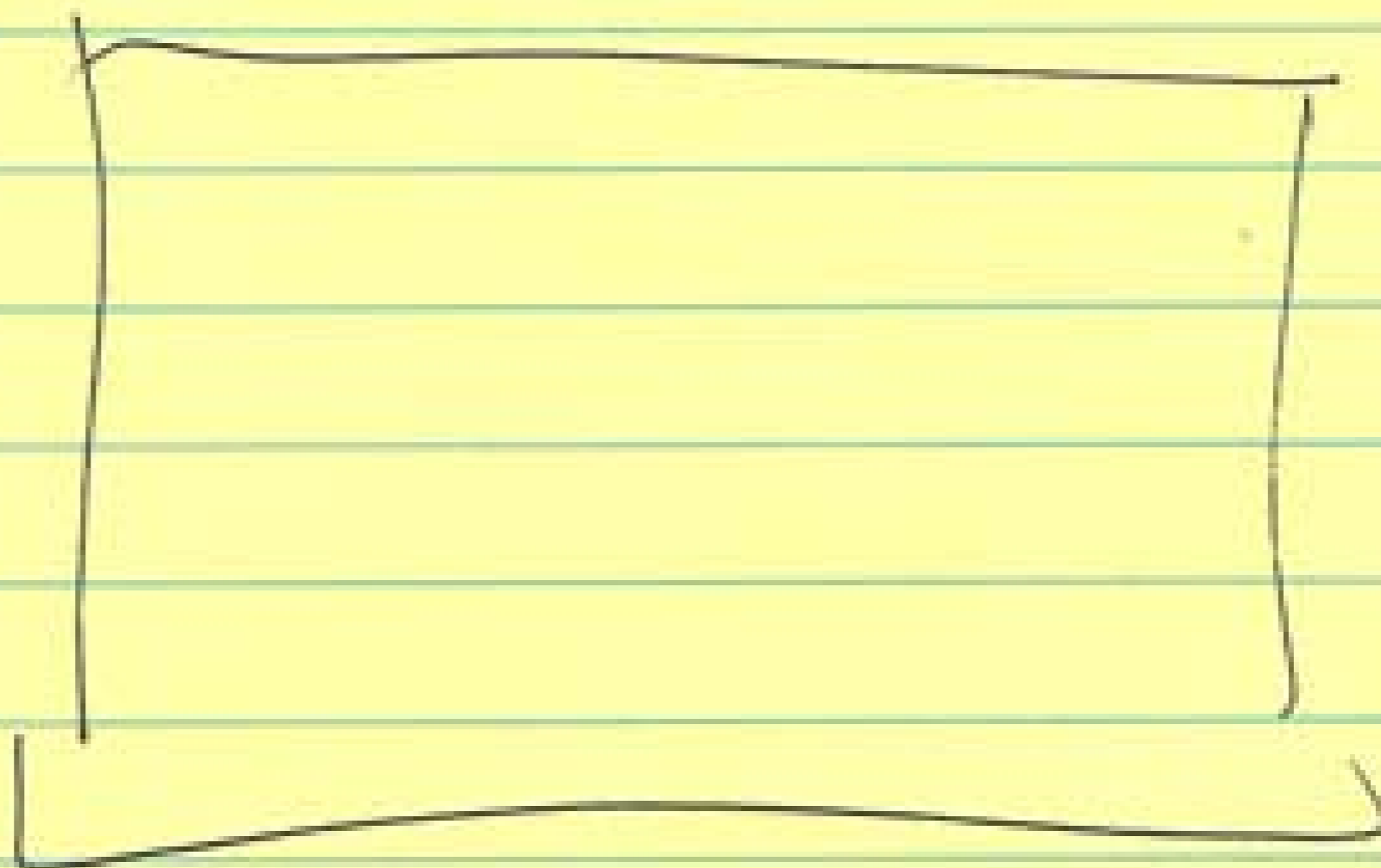
This movie about Philippe Petit's illegal tightrope walk between the World Trade Center towers had strong support in Lower Manhattan and Brooklyn. It was the region's second most popular documentary, behind Bill Maher's "Religulous."







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 *Obscene 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

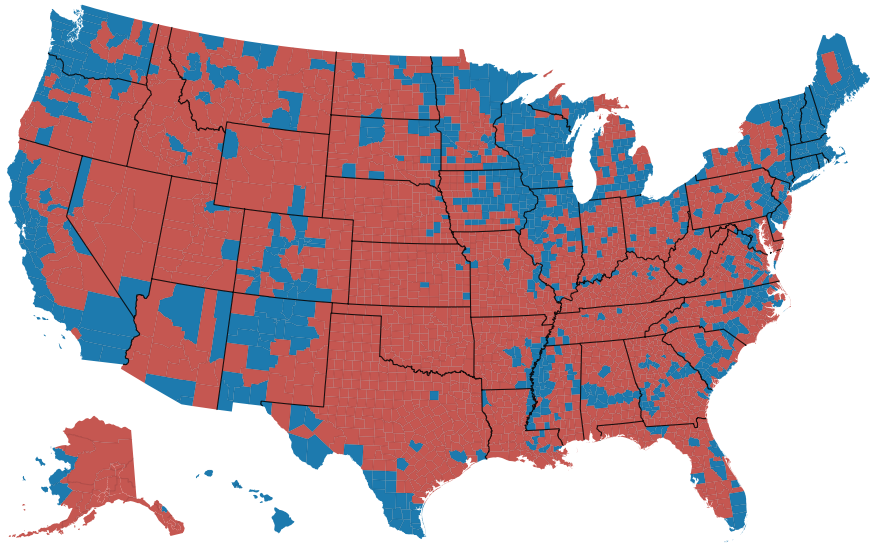


TAMPA



Experiment with Visual Forms

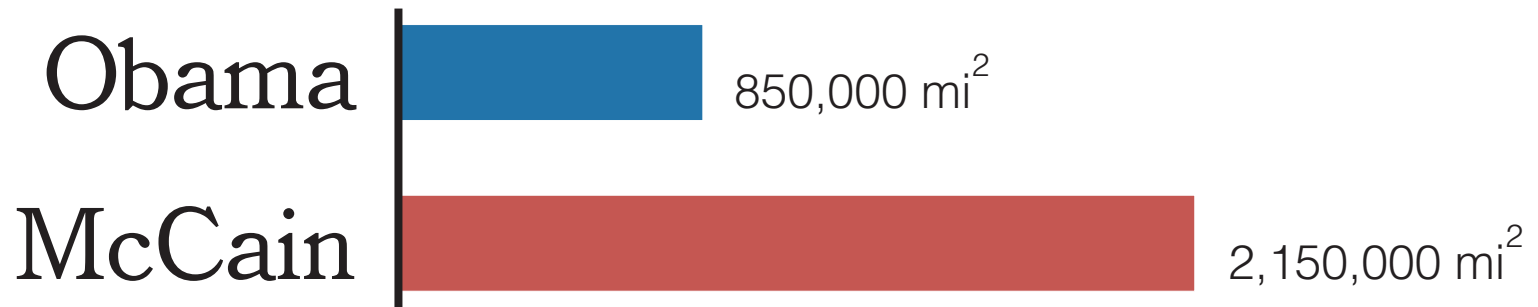
But make sure you consider
the picture you are painting.

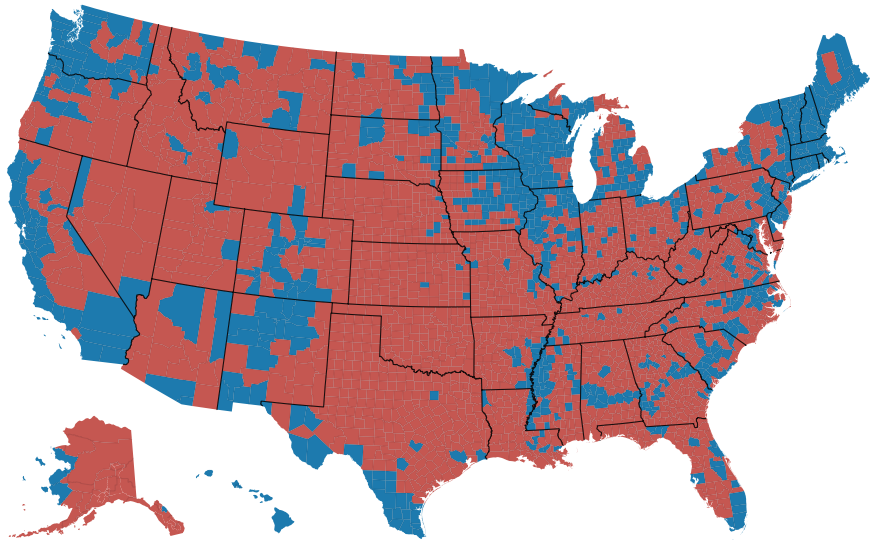


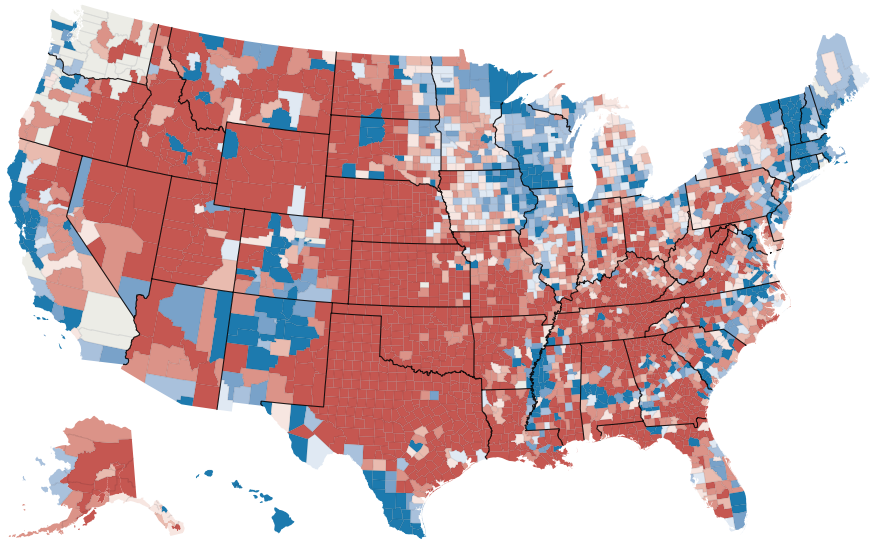
2008 Popular Vote

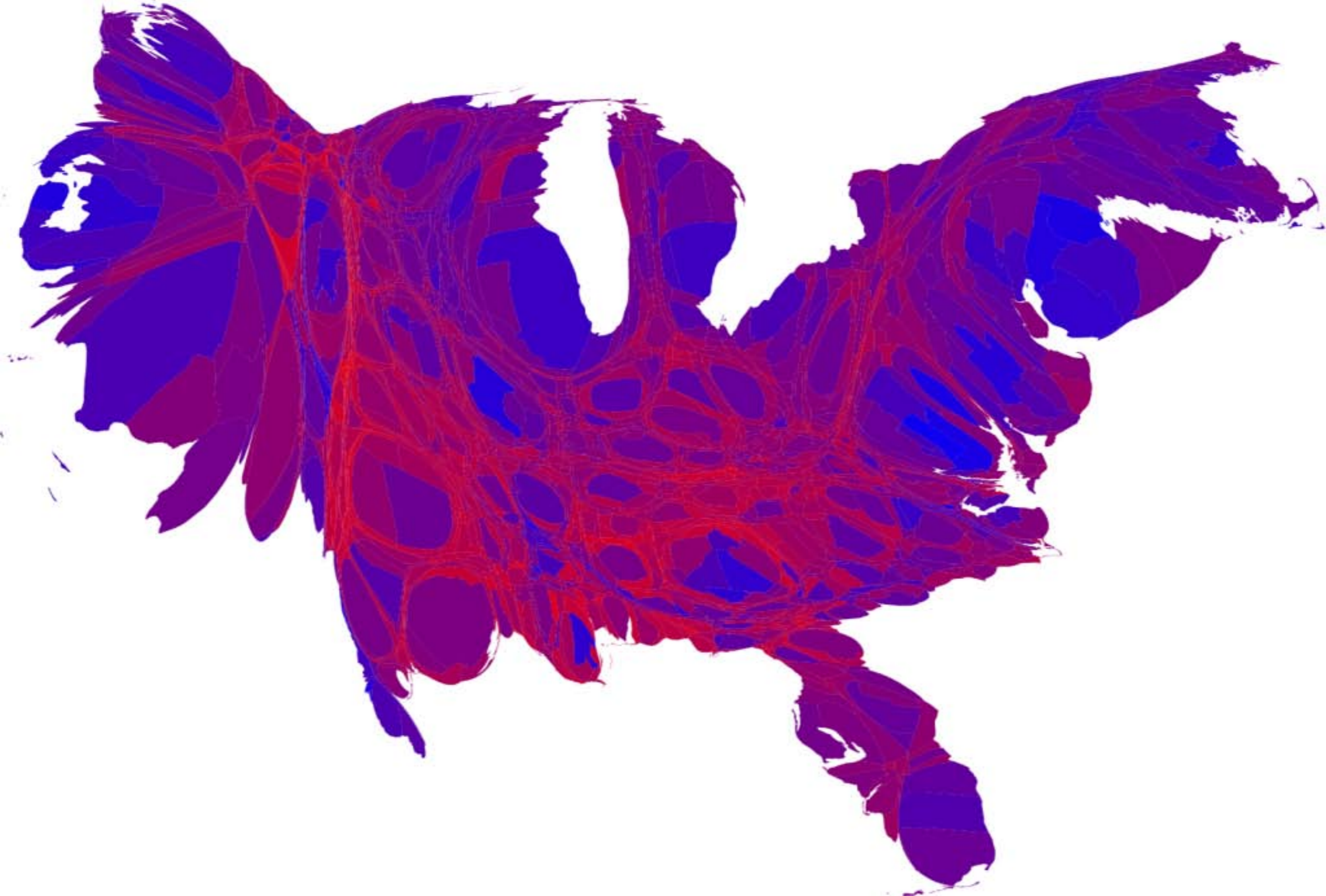


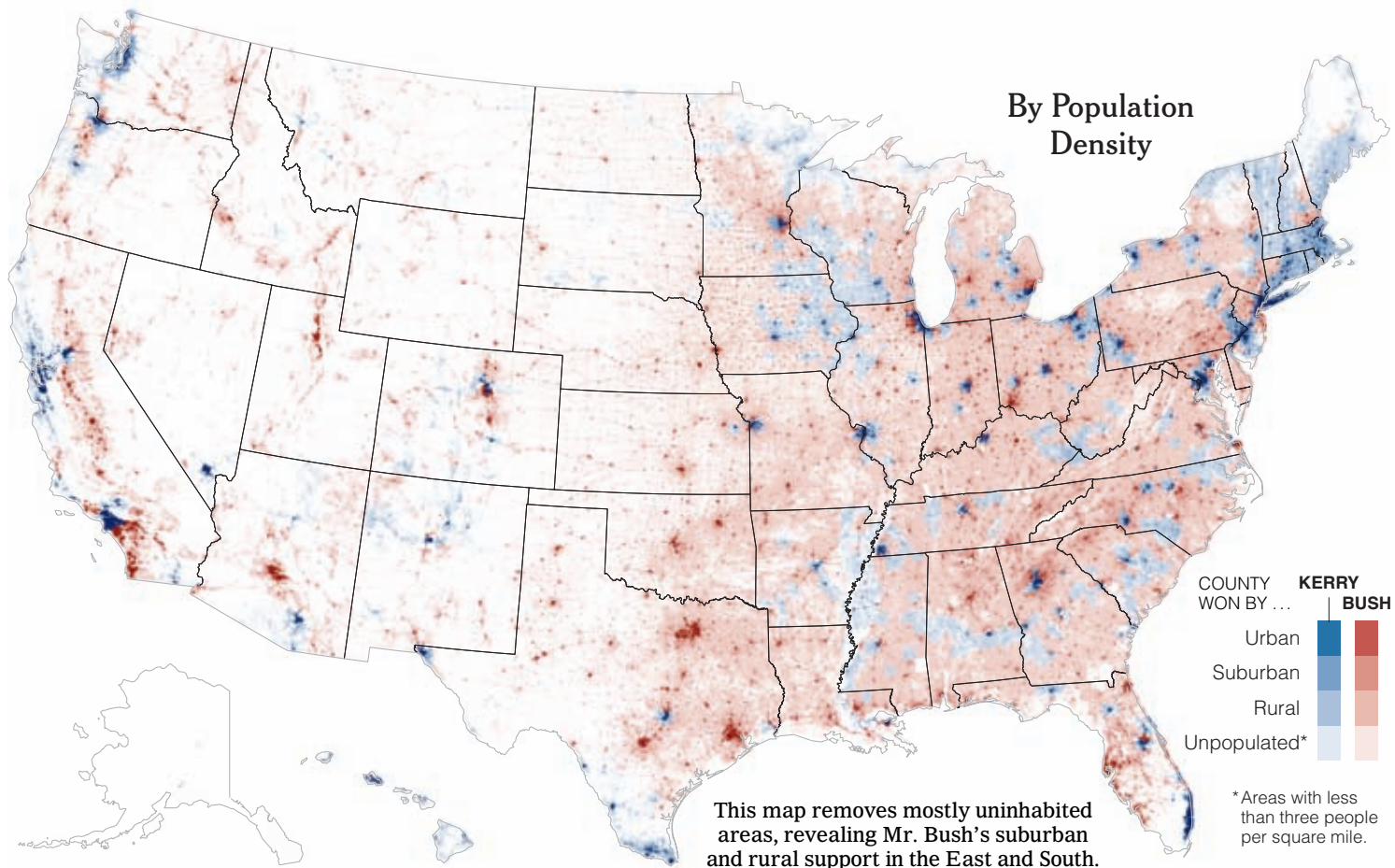
Amount of red and blue shown on map

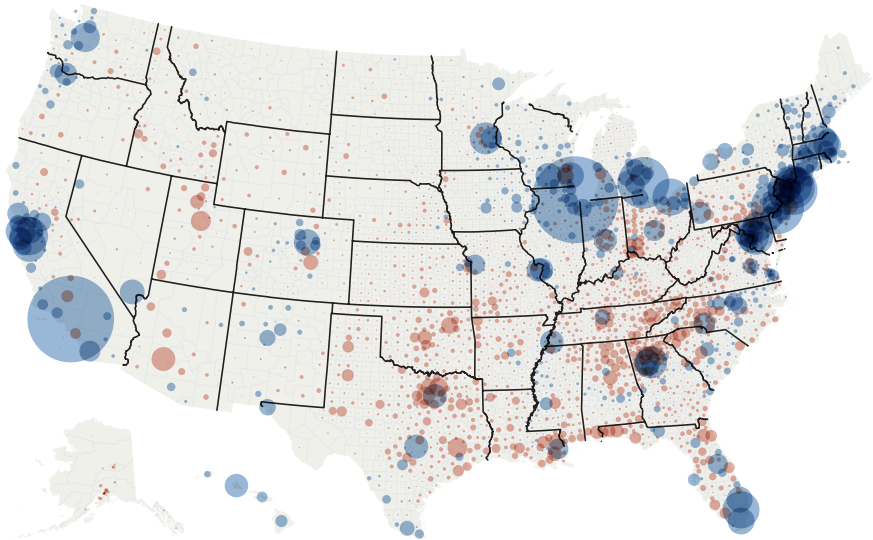










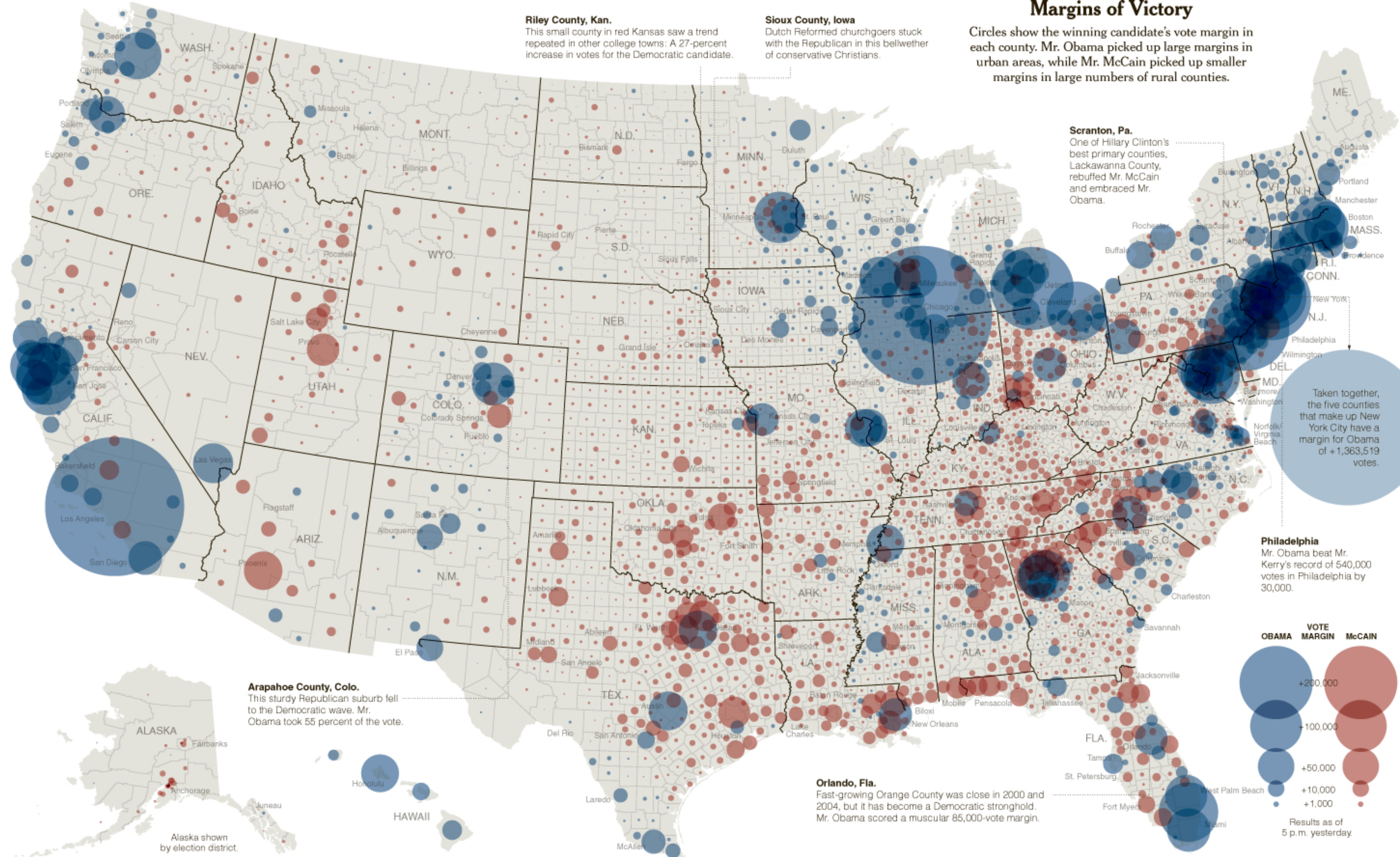
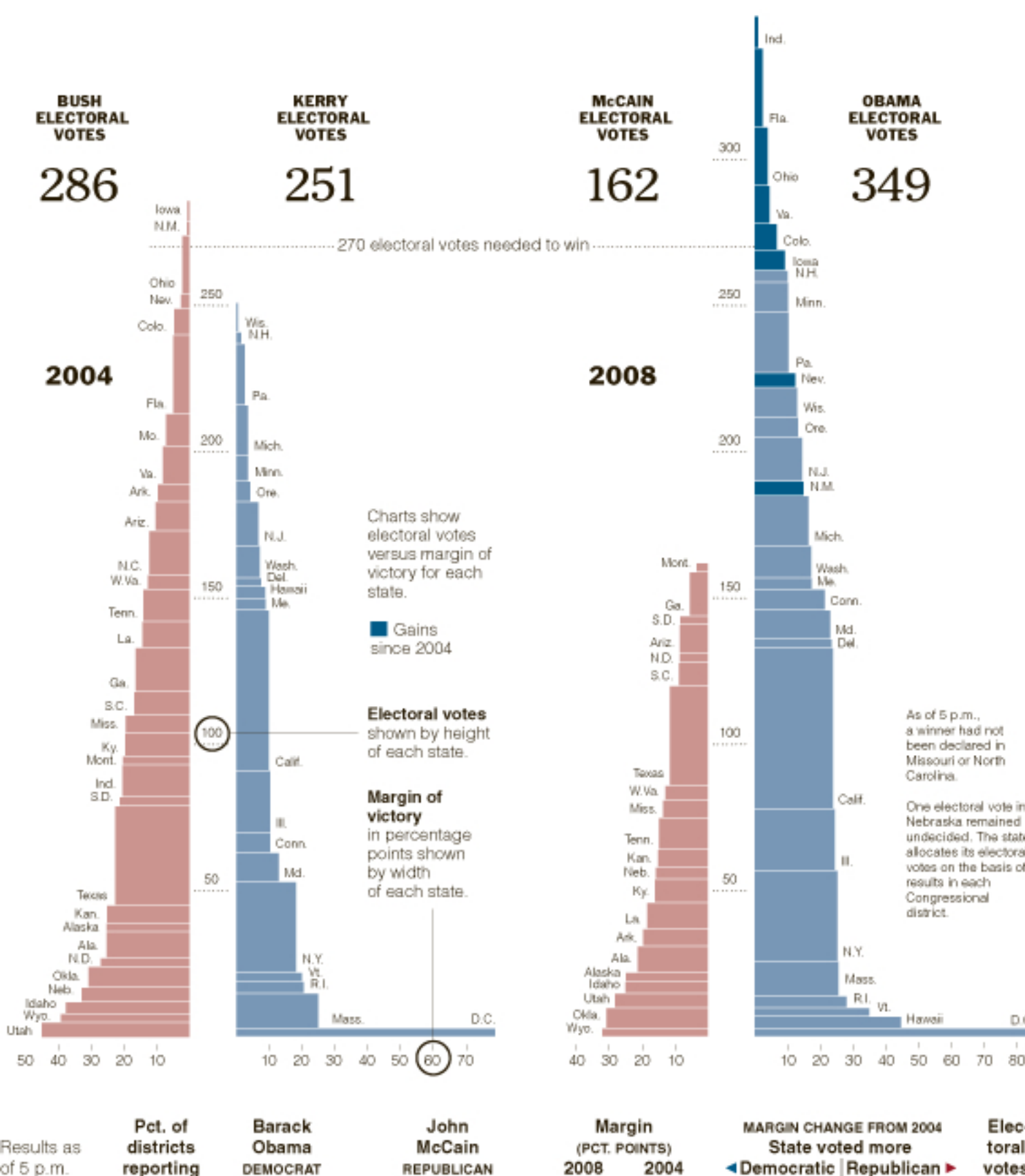


In a Decisive Victory, Obama Reshapes the Electoral Map

Barack Obama's historic win, with at least 349 electoral votes to John McCain's 162, can be attributed to his victories in several high-population states, like Florida, Virginia and Ohio, that George W. Bush won handily in 2004. The struggling economy, especially in more

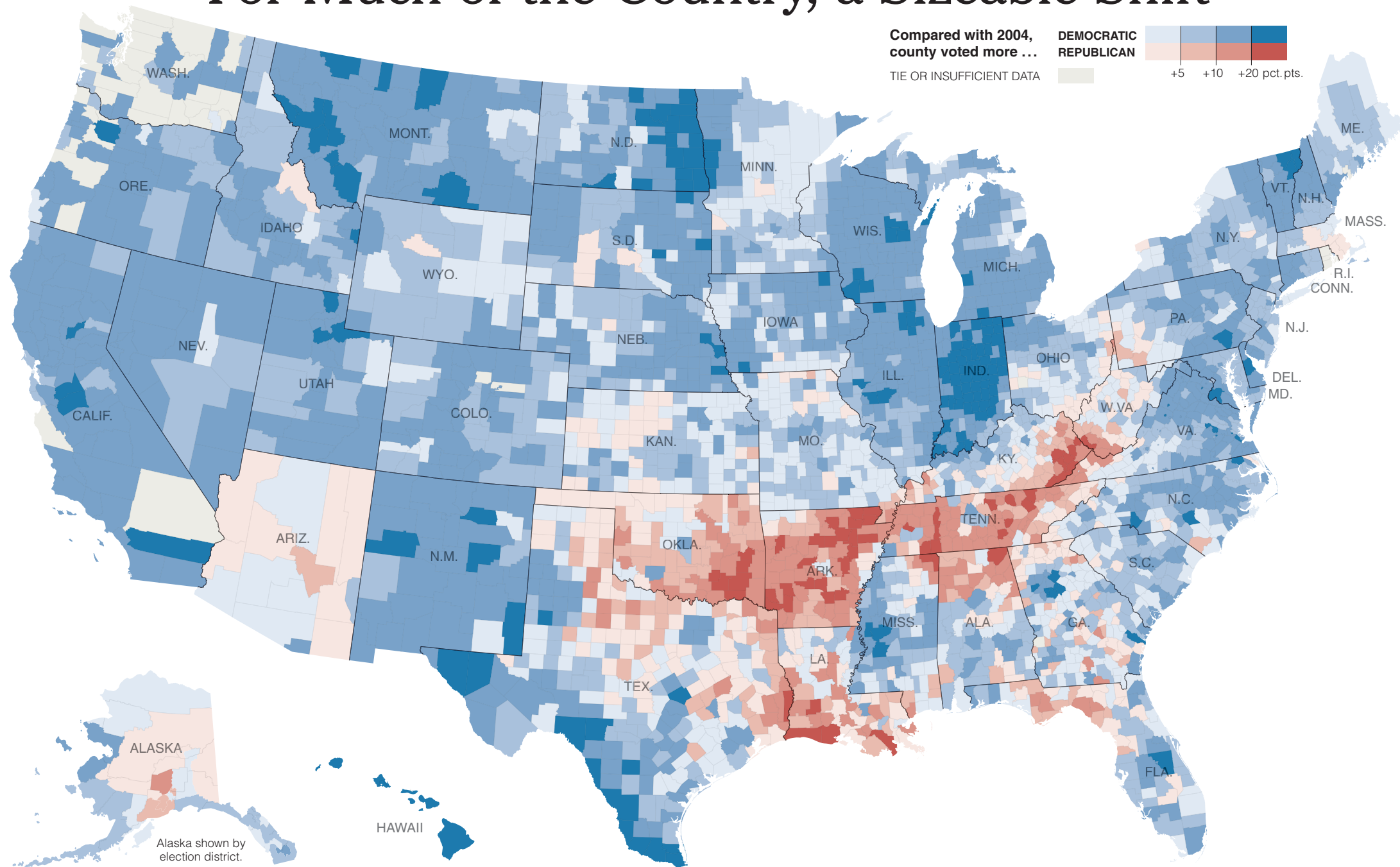
industrial states, and high numbers of new voters helped flip key areas from red to blue. Even where Mr. McCain beat Mr. Obama, he won by slimmer margins, as much of the electorate — across age, race and income lines — swung toward the Democratic Party.

By Erin Aigner, Joe Burgess, Baden Copeland, Matthew Ericson, Hannah Fairfield, Ford Fessenden, Haeyoun Park and Archie Tse



States won by Obama										349
Hawaii	100%	298,621	72%	110,848	27%	+45	■	+9	←+22	4
Indiana	100%	1,367,264	70%	1,341,101	49%	<-1	■	+21	←+36	11
Delaware	100%	247,386	61%	151,667	38%	+24	■	+8	←+16	3
New Mexico	100%	452,038	57%	332,479	42%	+15	■	<-1	←+16	5
Vermont	97%	201,999	67%	95,422	32%	+35	■	+20	←+15	3
Nevada	100%	531,884	55%	411,988	43%	+12	■	+3	←+15	5
Illinois	100%	3,293,340	62%	1,975,801	37%	+25	■	+10	←+21	21
California	97%	6,179,542	61%	3,738,444	37%	+24	■	+10	←+14	55
Michigan	100%	2,867,680	52%	2,044,405	41%	+16	■	+3	←+13	17
Virginia	99%	1,792,502	52%	1,637,337	47%	+4	■	+8	←+13	13
Wisconsin	100%	1,633,117	56%	1,251,653	43%	+13	■	<-1	←+13	10
Colorado	92%	1,109,328	53%	966,957	46%	+7	■	+5	←+11	9
Connecticut	98%	943,819	60%	606,286	39%	+22	■	+10	←+11	7
Maryland	99%	1,409,150	61%	873,320	38%	+23	■	+13	←+10	10
Iowa	100%	818,240	54%	677,508	45%	+9	■	<-1	←+10	7
Washington	58%	960,226	57%	690,352	41%	+16	■	+7	←+9	11
Oregon	70%	695,695	55%	532,078	42%	+13	■	+7	←+9	9
New Hampshire	92%	355,901	55%	290,944	45%	+10	■	+1	←+9	4
Maine	92%	390,147	58%	271,876	40%	+18	■	+9	←+9	9
New Jersey	100%	2,073,934	57%	1,540,907	42%	+15	■	+7	←+8	15
Pennsylvania	100%	3,184,807	55%	2,584,119	44%	+10	■	+3	←+8	21
Rhode Island	98%	275,028	63%	152,197	35%	+28	■	+21	←+8	4
Florida	100%	4,103,638	51%	3,908,736	48%	+2	■	+5	←+7	27
New York	99%	4,357,360	62%	2,503,368	37%	+25	■	+18	←+7	31
Minnesota	100%	1,573,246	54%	1,275,653	44%	+10	■	+3	←+7	10
D.C.	100%	210,403	93%	14,821	7%	+86	■	+80	←+6	3
Ohio	98%	2,667,468	51%	2,461,198	47%	+4	■	+2	←+6	20
Massachusetts	100%	1,990,183	62%	1,104,086	36%	+26	■	+25	←+1	12
States won by McCain										162
North Dakota	100%	141,113	45%	168,523	53%	+9	■	+27	←+19	3
Nebraska	100%	315,913	41%	439,421	57%	+16	■	+33	←+17	4
Montana	100%	220,401	47%	236,513	50%	+3	■	+21	←+17	3
Utah	100%	301,771	34%	555,497	63%	+29	■	+46	←+17	5
South Dakota	100%	170,877	45%	202,999	53%	+8	■	+21	←+13	3
Idaho	100%	235,709	36%	402,096	62%	+25	■	+38	←+13	4
Georgia	99%	1,811,198	47%	2,022,409	52%	+5	■	+17	←+11	15
Texas	100%	3,521,164	44%	4,467,748	56%	+12	■	+23	←+11	34
Kansas	100%	499,863	41%	685,414	57%	+15	■	+25	←+10	6
South Carolina	100%	842,441	45%	1,008,727	54%	+9	■	+17	←+8	8
Wyoming	100%	80,496	33%	160,639	65%	+3	■	+40	←+7	3
Mississippi	100%	517,899	43%	684,475	56%	+14	■	+20	←+6	6
Alabama	100%	811,510	39%	1,263,741	60%	+22	■	+26	←+4	9
Kentucky	100%	746,510	41%	1,043,284	57%	+16	■	+20	←+4	8
Arizona	99%	851,589	45%	1,012,878	54%	+9	■	+10	←+2	10
Alaska	99%	80,340	36%	136,348	62%	+25	■	+26	←<-1	3
Oklahoma	100%	502,286	34%	969,645	66%	+31	■	+31	<-1	7
West Virginia	100%	301,438	43%	394,278	56%	+13	■	+13	<-1	5
Tennessee	100%	1,081,074	42%	1,470,160	57%	+15	■	+14	+1	11
Louisiana	100%	780,981	40%	1,147,603	59%	+19	■	+15	+4	9
Arkansas	98%	417,314	39%	632,140	59%	+20	■	+10	+10	6
No winner called										27
Missouri	100%	1,436,745	49%	1,442,613	49%	+7	■			11
North Carolina	100%	2,115,854	50%	2,102,761	50%	+12	■			15
TOTAL	98%	63,668,432	53%	56,255,927	47%	<-1	■			53

For Much of the Country, a Sizeable Shift



The Republican West

Even strongly Republican states like **Idaho** and **Utah** took large steps toward the Democratic side. John McCain won Salt Lake County, Utah, but by just 2,000 votes. President Bush had carried it by 80,000 votes.

Northern High Plains

Barack Obama was familiar to voters in **North Dakota** and **Montana** after the primaries. He held 11 events in Montana and had a large field operation from the primary that was retained for the general election.

Rural and Urban Texas

Big cities moved in large numbers to Mr. Obama, providing a sharp contrast here between urban and rural voters. Mr. Obama won Dallas County, a place that Mr. Bush won in 2004 by 125,000 votes.

Rio Grande Valley

Hispanics in the southern tip of **Texas**, who had shown affinity for Mr. Bush in past elections, shifted to the Democratic side. Mr. Obama gained votes from Hispanics who favored Hillary Rodham Clinton in the primaries.

Indiana

Much of the state shifted away from Republicans, but the move was most noticeable in rural counties that had kept the state reliably red in previous elections.

White Southern Counties

Rural white counties from **Kentucky** to **Texas** took a different tack from the rest of the country, moving strongly toward Mr. McCain. Turnout in 90-percent-white counties in **Tennessee** and **Arkansas** was barely changed from 2004.

Blacks in the South

Black voters flooded to the polls in rural counties from **Virginia** to **Mississippi**. In **Alabama**, a safely Republican redoubt, turnout in majority-black counties was up 15 percent.

PAKISTANIS MIRED IN BRUTAL BATTLE TO OUST TALIBAN

A NETWORK OF TUNNELS

Army, in Largest Drive
Since 2001, Tries to
Retake Vital Area

By JANE PERLEZ
and PIR ZUBAIR SHAH

LOE SAM, Pakistan — When Pakistan's army retook this strategic stronghold from the Taliban last month, it discovered how deeply Islamic militants had encroached on — and literally dug into — Pakistani territory.

Behind mud-walled family compounds in the Bajaur area, a vital corridor to Afghanistan through Pakistan's tribal belt, Taliban insurgents created a network of tunnels to store arms and move about undetected.

Some tunnels stretched for more than half a mile and were equipped with ventilation systems so that fighters could withstand a long siege. In some places, it took barrages of 500-pound bombs to break the tunnels apart.

"These were not for ordinary battle," said Gen. Tariq Khan, the commander of the Pakistan Frontier Corps, who led the army's campaign against the Taliban in the area.

After three months of sometimes fierce fighting, the Pakistani Army controls a small slice of Bajaur. But what was initially portrayed as a paramilitary action to restore order in the area has become the most sustained military campaign by the Pakistani Army against the Taliban and its backers in Al Qaeda since Pakistan allied itself with the United States in 2001.

President-elect Barack Obama has pledged to make the conflicts in Afghanistan and Pakistan a top priority. The Bajaur campaign serves as a cautionary tale of the formidable challenge that

Continued on Page A12



DOUG MILLS/THE NEW YORK TIMES

PREVIEW OF CHANGE The Obamas met the Bushes on Monday at the White House, getting a tour of their future home. Page A14.

Sparring Starts As Republicans Ponder Future

By ADAM NAGOURNEY

WASHINGTON — One week after the Republicans were routed in the presidential election, the fight is on over who will be the new leaders of the party. Republicans are debating how to position themselves ideologically and how aggressively to take on President-elect Barack Obama.

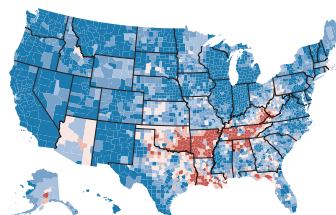
The competition to fill the vacuum left by Senator John McCain's defeat — and by the unpopularity of President Bush as he prepares to leave office — will be on full display at a Republican Governors Association meeting beginning Wednesday in Miami.

For South, a Waning Hold on National Politics

By ADAM NOSSITER

VERNON, Ala. — Fear of the politician with the unusual name and look did not end with last Tuesday's vote in this rural red swatch where buck heads and rifles hang on the wall. This corner of the Deep South still resonates with negative feelings about the race of President-elect Barack Obama.

What may have ended on Election Day, though, is the centrality of the South to national politics. By voting so emphatically for Senator John McCain over Mr. Obama — supporting him in some areas in even greater numbers than they did President Bush — voters from Texas to South Carolina and Kentucky may have marginalized their region for some time to come, polit-



This year, only 22 percent of the nation's counties voted more Republican than in 2004. Most were in the South.

Full map, Page A20.

lina, made history last week in breaking from their Confederate past and supporting Mr. Obama. Those states have experienced an influx of better educated and more prosperous voters in recent years, pointing them in a different political direction than states farther west like Alabama Ar-

and economic progress experienced by more prosperous areas.

The increased turnout in the South's so-called Black Belt, or old plantation-country counties, was visible in the results, but it generally could not make up for the solid white support for Mr. McCain. Alabama, for example, experienced a heavy black turnout and voted slightly more Democratic than in 2004, but the state overall gave 60 percent of its vote to Mr. McCain. (Arkansas, however, doubled the margin of victory it gave to the Republican over 2004.)

Less than a third of Southern whites voted for Mr. Obama, compared with 43 percent of whites nationally. By leaving the mainstream so decisively, the Deep South and Appalachia will no longer be able to dictate that

OBAMA ASKS BUSH TO PROVIDE HELP FOR AUTOMAKERS

WHITE HOUSE MEETING

President Said to Press
Democrats to Accept
a Free-Trade Pact

By JACKIE CALMES

WASHINGTON — The struggling auto industry was thrust into the middle of a political standoff between the White House and Democrats on Monday as President-elect Barack Obama urged President Bush in a meeting at the White House to support immediate emergency aid.

Mr. Bush indicated at the meeting that he might support some aid and a broader economic stimulus package if Mr. Obama and Congressional Democrats dropped their opposition to a free-trade agreement with Colombia, a measure for which Mr. Bush has long fought, people familiar with the discussion said.

The Bush administration, which has presided over a major intervention in the financial industry, has balked at allowing the automakers to tap into the \$700 billion bailout fund, despite warnings last week that General Motors might not survive the year.

Mr. Obama and Congressional Democratic leaders say the bailout law authorizes the administration to extend assistance.

Mr. Obama went into his post-election meeting with Mr. Bush on Monday primed to urge him to support emergency aid to the auto industry, advisers to Mr. Obama said. But Democrats also indicate that neither Mr. Obama nor Congressional leaders are inclined to concede the Colombia pact to Mr. Bush, and may decide to wait until Mr. Obama assumes power on Jan. 20.

Separate from his differences with Mr. Bush, Mr. Obama has signaled to the automakers and the unions that his support for short-term aid now, and long-

Election results

Olympic medals map

Fortune cartogram

Census maps

When Maps Shouldn't Be Maps

The best form for geographic data
is not always a map.

INTERACTIVES

Map of Election Results

Big Board

The Neighborhoods That Were Hit Hard And Those That Weren't

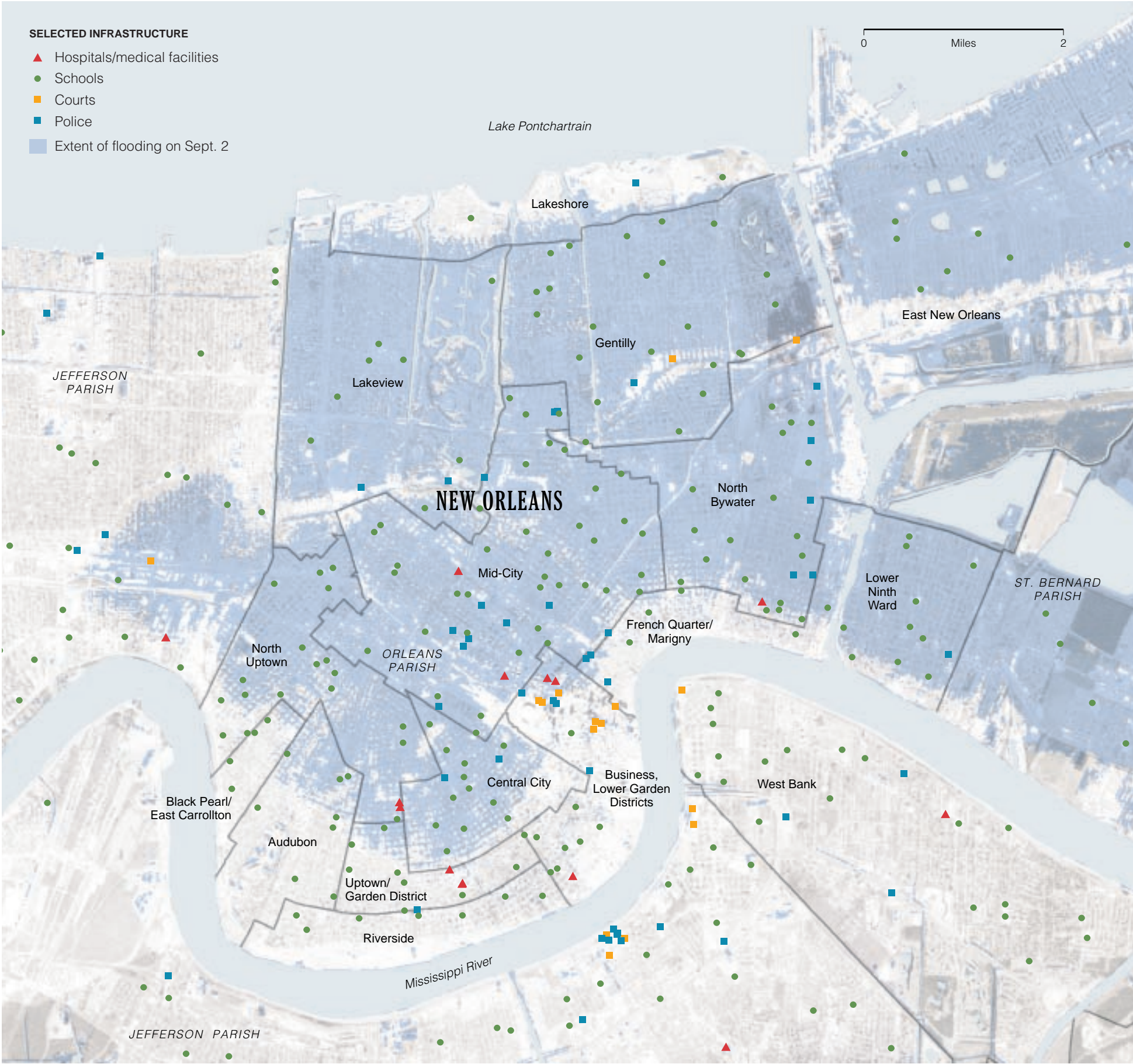
Rebuilding New Orleans will take years or decades and cost untold sums. While large swaths of the city may have to be bulldozed, a strip of unflooded land containing hospitals, government buildings, schools, historic homes and tourism sites suffered minimal damage.

The people who lived in the areas of New Orleans that were still flooded days after Hurricane Katrina struck were more likely to be black, have more children, earn less money and be less educated than those in the rest of the city. The flooded areas were home to about 346,000 people — 71 percent of the city's population — and contained more than two-thirds of the city's homes.

The map shows the extent of the flooding on Sept. 2, after the water level had stopped rising, but several days before crews were able to plug breaches in levees and start pumping water out.

DATA FROM 2000 U.S. CENSUS

Areas with significant flooding	Population	Areas with little or no flooding
346,000		138,000
Race and ethnicity		
76%	BLACK	43%
18	WHITE	49
3	HISPANIC	4
2	ASIAN	2
1	OTHER	2
Age		
PERCENTAGE OF RESIDENTS THAT WERE:		
28%	UNDER 18	22%
11%	OLDER THAN 65	12%
Single-parent families		
29%	PERCENTAGE OF FAMILIES WITH SINGLE PARENTS	21%
Education		
72%	HIGH SCHOOL GRADUATE	82%
21%	BACHELOR'S DEGREE OR HIGHER	38%
Income		
\$25,759	MEDIAN HOUSEHOLD INCOME (1999)	\$31,455
\$4.9 BILLION	TOTAL AMOUNT EARNED BY ALL RESIDENTS	\$3.2 BILLION
29%	POVERTY RATE	25%
PERCENTAGE OF HOUSEHOLDS WITH INCOMES OF:		
56%	LESS THAN \$30,000	48%
6%	MORE THAN \$100,000	13%
Houses		
145,000	NUMBER OF HOUSING UNITS	70,000
23%	HOUSES BUILT BEFORE 1940	44%
52%	OCCUPIED BY RENTERS	56%
Transportation		
29%	HOUSEHOLDS WITH NO VEHICLE	24%



Satellite image by DigitalGlobe, via Google Earth

Areas with significant flooding									
AREA	North Uptown	Lakeview	Mid-City	Central City	Gentilly	North Bywater	Lower Ninth Ward	East New Orleans	
POPULATION	38,700	22,300	76,900	26,600	42,000	32,900	19,500	96,400	
AVG. INCOME	\$38,530	\$69,777	\$25,583	\$26,962	\$43,272	\$27,720	\$28,826	\$41,997	
	Residential and commercial area home to middle and working class; houses range from mansions to small shotgun houses.	Moderately to very wealthy area with beautiful homes, large park, city art museum and lavish cemetery.	Mostly working-class and low-income housing; includes Xavier University, historic cemeteries and industrial area.	Home to low- and middle-class families, who mostly rent; many homes are shotgun houses built on brick piers.	Mostly middle-class area with high rate of home ownership; includes historic district and 200-acre park.	Mostly low-income and working-class housing with large industrial area; of historical significance to African-American history.	Mostly middle- to low-income families who rent; large number of small businesses, schools and churches.	Moderate-income area with sub-divisions, large business and manufacturing areas and a wildlife refuge.	
Areas with little or no flooding									
AREA	Black Pearl/East Carrollton	Audubon	Riverside	Uptown/Garden District	Business, Lower Garden Districts	French Quarter/Marigny	West Bank	Lakeshore	
POPULATION	6,200	14,900	12,700	11,900	10,900	4,200	58,800	5,800	
AVG. INCOME	\$52,336	\$108,964	\$38,149	\$59,203	\$47,985	\$58,571	\$45,249	\$112,094	
	Mostly middle-class homes and apartment buildings; contains oldest operating street railway line.	Includes a 127-acre park, Tulane and Loyola universities, historic mansions and the city zoo.	Residential area of moderate-income families of various ethnicities; contains a few historic parks.	Home to wealthy and middle-class families, with architecture ranging from mansions to single shotgun houses.	Contains main commercial, business, government and recreation facilities, along with art galleries and historic buildings.	Oldest part of New Orleans and main tourist destination; contains many hotels, bars, shops and historic homes.	Industrial and residential area, including a large military installation, small businesses and subdivisions.	Wealthiest residential area of the city; includes popular entertainment district and the University of New Orleans.	

Sources: Dartmouth Flood Observatory; SPOT; International Charter: Space and Major Disasters; Greater New Orleans Community Data Center; U.S. Census Bureau; ESRI; TeleAtlas; InfoUSA; Queens College Department of Sociology

David Constantine, Matthew Ericson and Archie Tse/The New York Times

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Share it with your users.

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 toward 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 has 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. There is a

Continued on Page 26

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 clinical 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-

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.

*These four companies had no assets, offices or employees and were dissolved by 2005.

KARL RUSSELL/THE NEW YORK TIMES

Nuance and Resolve in Rulings By Attorney General Nominee

By ADAM LIPTAK

In his 18 years on the federal bench, Judge Michael R. Mukohar

leniency to people convicted of

The Information Is What's Important

Design to get the interface
out of the way.

INTERACTIVES

Steppers, buttons, transitions and rollovers

Before and After the Earthquake

Before and After the Tornado

Symphony

Engage the User

INTERACTIVES

Budget Puzzle: You Fix the Budget

Census Maps

Thanks!

<http://erxn.us/nycarc>

