

News Researchers Tech Toolbox 2007

Presented by
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Computer Assisted Reporting

- CAR should be considered a basic reporting skill
- Data analysis is reporting
- Provides context, adds depth, enhances coverage
- A database is like a source you don't have to take to lunch
- **There are different levels of CAR**

Skills Chart



Electronic Archives

- Internal electronic archives include text, pictures, graphics and pages.
- External archives include Nexis, Factiva, News Library, etc.
- The basic skill for using archives is the search strategy.
- Search strategies are simply a specialized way to query a database.

Web Searching

- Web searching is also a required skill
- There is good and bad data on the web
- A reporter should be able to assess the credibility of a web resource as they would a human source
- You will find what you seek but is it correct?
- The Invisible Web
- News Research will continue to offer assistance and training

FOIA/Electronic Records

- Make regular and frequent requests
- Ask for the right kind of records
- FOIA requests can be done easily

Basic Math

- Basic understanding of addition, subtraction, percents and more is a required skill
- Math involves news judgment
- Keep it simple: If we don't understand it neither will our readers

Spreadsheets

- Knowledge of basic functions can simplify your work
- Quickly organize and summarize data with addition, subtraction and percents
- Improve accuracy
- Pivot Tables
- Filtering
- Conditional functions
- Formulas: sums, counts and other conditions.
- Combining and referencing worksheets

Microsoft Excel - 06base.XLS

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A1 2006 MLB salaries

	A	B	C	D	E	F
1	2006 MLB salaries					
2	as of opening day					
3						
4						
5	PLAYER	SALARY	POSITION	TEAM	LEAGUE	
129	CASTILLO, JOSE	\$348,000	SHORTSTOP	PITTSBURGH PIRATES	NL	
130	CASTILLO, LUIS A.	\$5,071,506	SECOND BASEMAN	MINNESOTA TWINS	AL	
131	CASTRO, FABIO	\$327,000	PITCHER	TEXAS RANGERS	AL	
132	CASTRO, JUAN	\$1,000,000	SHORTSTOP	MINNESOTA TWINS	AL	
133	CASTRO, RAMON	\$800,000	CATCHER	NEW YORK METS	NL	
134	CATALANOTTO, FRANK	\$2,700,000	OUTFIELDER	TORONTO BLUE JAYS	AL	
135	CEDENO, RONNY	\$336,000	SHORTSTOP	CHICAGO CUBS	NL	
136	CERDA, JAIME	\$342,000	PITCHER	COLORADO ROCKIES	NL	
137	CHACIN, GUSTAVO	\$347,500	PITCHER	TORONTO BLUE JAYS	AL	
138	CHACON, SHAWN	\$3,600,000	PITCHER	NEW YORK YANKEES	AL	
139	CHAVEZ, ENDY	\$500,000	OUTFIELDER	NEW YORK METS	NL	
140	CHAVEZ, ERIC	\$9,500,000	THIRD BASEMAN	OAKLAND ATHLETICS	AL	
141	CHAVEZ, RAUL	\$400,000	CATCHER	BALTIMORE ORIOLES	AL	
142	CHEN, BRUCE	\$3,800,000	PITCHER	BALTIMORE ORIOLES	AL	
143	CHILDERS, JASON	\$327,000	PITCHER	TAMPA BAY DEVIL RAYS	AL	
144	CHOI, HEE SEOP	\$725,000	FIRST BASEMAN	BOSTON RED SOX	AL	
145	CHULK, VINNY	\$348,500	PITCHER	TORONTO BLUE JAYS	AL	
146	CINTRON, ALEX	\$1,600,000	SHORTSTOP	CHICAGO WHITE SOX	AL	
147	CIRILLO, JEFF	\$860,000	THIRD BASEMAN	MILWAUKEE BREWERS	NL	
148	CLARK, BRADY	\$3,200,000	OUTFIELDER	MILWAUKEE BREWERS	NL	
149	CLARK, TONY	\$1,034,000	FIRST BASEMAN	ARIZONA DIAMONDBACKS	NL	
150	CLAUSSEN, BRANDON	\$370,000	PITCHER	CINCINNATI REDS	NL	
151	CLAYTON, ROYCE	\$1,000,000	SHORTSTOP	WASHINGTON NATIONALS	NL	
152	CLEMENT, MATT	\$9,825,000	PITCHER	BOSTON RED SOX	AL	
153	COFFEY, TODD	\$339,000	PITCHER	CINCINNATI REDS	NL	
154	COLOME, JESUS	\$815,000	PITCHER	TAMPA BAY DEVIL RAYS	AL	
155	COLON, BARTOLO	\$14,000,000	PITCHER	LOS ANGELES ANGELS	AL	
156	CONINE, JEFF	\$1,700,000	OUTFIELDER	BALTIMORE ORIOLES	AL	
157	CONTRERAS, JOSE	\$9,500,000	PITCHER	CHICAGO WHITE SOX	AL	
158	COOK, AARON	\$1,250,000	PITCHER	COLORADO ROCKIES	NL	
159	CORA, ALEX	\$1,400,000	SHORTSTOP	BOSTON RED SOX	AL	
160	CORDERO, CHAD	\$525,000	PITCHER	WASHINGTON NATIONALS	NL	
161	CORDERO, FRANCISCO	\$4,125,000	PITCHER	TEXAS RANGERS	AL	
162	CORMIER, LANCE	\$345,000	PITCHER	ATLANTA BRAVES	NL	
163	CORMIER, RHEAL	\$2,500,000	PITCHER	PHILADELPHIA PHILLIES	NL	
164	CORTES, DAVID	\$350,000	PITCHER	COLORADO ROCKIES	NL	
165	COSTA, SHANE	\$327,500	OUTFIELDER	KANSAS CITY ROYALS	AL	
166	COTA, HUMBERTO	\$342,000	CATCHER	PITTSBURGH PIRATES	NL	
167	COTTS, NEAL	\$400,000	PITCHER	CHICAGO WHITE SOX	AL	
168	COUNSELL, CRAIG	\$1,750,000	SECOND BASEMAN	ARIZONA DIAMONDBACKS	NL	
169	CRAIN, JESSE	\$361,000	PITCHER	MINNESOTA TWINS	AL	

Spreadsheets can quickly help you organize, summarize and digest information.

For example, salaries for the more than 800 players in Major League Baseball.

What are some things that a spreadsheet could tell you about these players, teams, etc.?

The screenshot shows a Microsoft Excel spreadsheet titled "06base.XLS". The spreadsheet contains a table with the following columns: PLAYER, SALARY, POSITION, TEAM, and LEAGUE. The data is sorted by salary in descending order. The first player listed is GONZALEZ, LUIS E. with a salary of \$10,673,328. The last player listed is VILLARREAL, OSCAR with a salary of \$462,500. The teams listed include ARIZONA DIAMONDBACKS and ATLANTA BRAVES.

PLAYER	SALARY	POSITION	TEAM	LEAGUE
GONZALEZ, LUIS E.	\$10,673,328	OUTFIELDER	ARIZONA DIAMONDBACKS	NL
GREEN, SHAWN	\$10,213,898	OUTFIELDER	ARIZONA DIAMONDBACKS	NL
ORTIZ, RUSS	\$7,875,000	PITCHER	ARIZONA DIAMONDBACKS	NL
BATISTA, MIGUEL	\$4,750,000	PITCHER	ARIZONA DIAMONDBACKS	NL
HERNANDEZ, ORLANDO	\$4,625,000	PITCHER	ARIZONA DIAMONDBACKS	NL
WEBB, BRANDON	\$2,500,000	PITCHER	ARIZONA DIAMONDBACKS	NL
HUDSON, ORLANDO	\$2,300,000	SECOND BASEMAN	ARIZONA DIAMONDBACKS	NL
BYRNES, ERIC	\$2,250,000	OUTFIELDER	ARIZONA DIAMONDBACKS	NL
ESTRADA, JOHNNY	\$2,000,000	CATCHER	ARIZONA DIAMONDBACKS	NL
VIZCAINO, LUIS	\$1,775,000	PITCHER	ARIZONA DIAMONDBACKS	NL
COUNSELL, CRAIG	\$1,750,000	SECOND BASEMAN	ARIZONA DIAMONDBACKS	NL
VARGAS, CLAUDIO	\$1,275,000	PITCHER	ARIZONA DIAMONDBACKS	NL
CLARK, TONY	\$1,034,000	FIRST BASEMAN	ARIZONA DIAMONDBACKS	NL
LYON, BRANDON	\$830,000	PITCHER	ARIZONA DIAMONDBACKS	NL
GRIMSLEY, JASON	\$825,000	PITCHER	ARIZONA DIAMONDBACKS	NL
MULHOLLAND, TERRY	\$800,000	PITCHER	ARIZONA DIAMONDBACKS	NL
EASLEY, DAMION	\$700,000	SECOND BASEMAN	ARIZONA DIAMONDBACKS	NL
CRUZ, JUAN	\$575,000	PITCHER	ARIZONA DIAMONDBACKS	NL
DAVANON, JEFF	\$525,000	OUTFIELDER	ARIZONA DIAMONDBACKS	NL
TRACY, CHAD	\$381,000	THIRD BASEMAN	ARIZONA DIAMONDBACKS	NL
VALVERDE, JOSE	\$359,000	PITCHER	ARIZONA DIAMONDBACKS	NL
AQUINO, GREG	\$342,000	PITCHER	ARIZONA DIAMONDBACKS	NL
SNYDER, CHRIS	\$341,000	CATCHER	ARIZONA DIAMONDBACKS	NL
GREEN, ANDY	\$330,000	SECOND BASEMAN	ARIZONA DIAMONDBACKS	NL
JACKSON, CONOR	\$328,000	FIRST BASEMAN	ARIZONA DIAMONDBACKS	NL
MEDDERS, BRANDON	\$327,000	PITCHER	ARIZONA DIAMONDBACKS	NL
HAMPTON, MIKE	\$14,503,543	PITCHER	ATLANTA BRAVES	NL
JONES, ANDRUW	\$13,500,000	OUTFIELDER	ATLANTA BRAVES	NL
JONES, CHIPPER	\$12,333,333	THIRD BASEMAN	ATLANTA BRAVES	NL
SMOLTZ, JOHN	\$11,000,000	PITCHER	ATLANTA BRAVES	NL
RENTERIA, EDGAR	\$9,000,000	SHORTSTOP	ATLANTA BRAVES	NL
HUDSON, TIM	\$6,500,000	PITCHER	ATLANTA BRAVES	NL
THOMSON, JOHN	\$4,750,000	PITCHER	ATLANTA BRAVES	NL
GILES, MARCUS	\$3,850,000	SECOND BASEMAN	ATLANTA BRAVES	NL
REITSMAN, CHRIS	\$2,750,000	PITCHER	ATLANTA BRAVES	NL
RAMIREZ, HORACIO	\$2,200,000	PITCHER	ATLANTA BRAVES	NL
SOSA, JORGE	\$2,200,000	PITCHER	ATLANTA BRAVES	NL
PRATT, TODD	\$850,000	CATCHER	ATLANTA BRAVES	NL
JORDAN, BRIAN	\$700,000	OUTFIELDER	ATLANTA BRAVES	NL
REMLINGER, MIKE	\$700,000	PITCHER	ATLANTA BRAVES	NL
VILLARREAL, OSCAR	\$462,500	PITCHER	ATLANTA BRAVES	NL

What's the total for all MLB salaries?

-use the sum function.

Microsoft Excel - 06base.XLS

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SUM X ✓ ✕ =sum(b6:b828)

	A	B	C	D	E
1	2006 MLB salaries				
2	as of opening day				
3					
4					
5	PLAYER	SALARY	POSITION	TEAM	LEAGUE
805	MOLINA, BENIE	\$4,500,000	CATCHER	TORONTO BLUE JAYS	AL
806	WELLS, VERNON	\$4,470,000	OUTFIELDER	TORONTO BLUE JAYS	AL
807	HINSKE, ERIC	\$4,425,000	FIRST BASEMAN	TORONTO BLUE JAYS	AL
808	LILLY, TED	\$4,000,000	PITCHER	TORONTO BLUE JAYS	AL
809	RYAN, B.J.	\$4,000,000	PITCHER	TORONTO BLUE JAYS	AL
810	SCHOENEWEIS, SCOTT	\$2,750,000	PITCHER	TORONTO BLUE JAYS	AL
811	CATALANOTTO, FRANK	\$2,700,000	OUTFIELDER	TORONTO BLUE JAYS	AL
812	OVERBAY, LYLE	\$2,525,000	FIRST BASEMAN	TORONTO BLUE JAYS	AL
813	TOWERS, JOSH	\$2,300,000	PITCHER	TORONTO BLUE JAYS	AL
814	SPEIER, JUSTIN	\$2,250,000	PITCHER	TORONTO BLUE JAYS	AL
815	BURNETT, A.J.	\$2,200,000	PITCHER	TORONTO BLUE JAYS	AL
816	JOHNSON, REED	\$1,425,000	OUTFIELDER	TORONTO BLUE JAYS	AL
817	ZAUN, GREGG	\$1,000,000	CATCHER	TORONTO BLUE JAYS	AL
818	DOWNS, SCOTT	\$705,000	PITCHER	TORONTO BLUE JAYS	AL
819	WALKER, PETE	\$650,000	PITCHER	TORONTO BLUE JAYS	AL
820	PHILLIPS, JASON	\$550,000	CATCHER	TORONTO BLUE JAYS	AL
821	MCDONALD, JOHN	\$500,000	SHORTSTOP	TORONTO BLUE JAYS	AL
822	FRASOR, JASON	\$359,000	PITCHER	TORONTO BLUE JAYS	AL
823	RIOS, ALEXIS	\$354,000	OUTFIELDER	TORONTO BLUE JAYS	AL
824	CHULK, VINNY	\$348,500	PITCHER	TORONTO BLUE JAYS	AL
825	CHACIN, GUSTAVO	\$347,500	PITCHER	TORONTO BLUE JAYS	AL
826	ADAMS, RUSS	\$343,000	SHORTSTOP	TORONTO BLUE JAYS	AL
827	HILL, AARON	\$336,000	SECOND BASEMAN	TORONTO BLUE JAYS	AL
828	TALLET, BRIAN	\$327,000	PITCHER	TORONTO BLUE JAYS	AL
829					
830					
831	TOTAL	\$2,326,706,685			
832					
833		=sum(b6:b828)			
834		SUM(number1, [number2], ...)			
835					
836					
837					
838					

Which players made the most?

-sort the data by the amount descending.

Microsoft Excel - 06base.XLS

Arial 10 B I U

File Edit View Insert Format Tools Data Window Help

A6 RODRIGUEZ, ALEX

	A	B	C	D	E	F
1	2006 MLB salaries					
2	as of opening day					
3						
4						
5	PLAYER	SALARY	POSITION	TEAM	LEAGUE	
6	RODRIGUEZ, ALEX	\$21,680,727	THIRD BASEMAN	NEW YORK YANKEES	AL	
7	JETER, DEREK	\$20,600,000	SHORTSTOP	NEW YORK YANKEES	AL	
8	GIAMBI, JASON	\$20,428,571	FIRST BASEMAN	NEW YORK YANKEES	AL	
9	BAGWELL, JEFF	\$19,369,019	FIRST BASEMAN	HOUSTON ASTROS	NL	
10	BONDS, BARRY	\$19,331,470	OUTFIELDER	SAN FRANCISCO GIANTS	NL	
11	MUSSINA, MIKE	\$19,000,000	PITCHER	NEW YORK YANKEES	AL	
12	RAMIREZ, MANNY	\$18,279,238	OUTFIELDER	BOSTON RED SOX	AL	
13	HELTON, TODD	\$16,600,000	FIRST BASEMAN	COLORADO ROCKIES	NL	
14	PETTITTE, ANDY	\$16,428,416	PITCHER	HOUSTON ASTROS	NL	
15	ORDONEZ, MAGGLIO	\$16,200,000	OUTFIELDER	DETROIT TIGERS	AL	
16	JOHNSON, RANDY	\$15,661,427	PITCHER	NEW YORK YANKEES	AL	
17	PARK, CHAN HO	\$15,505,142	PITCHER	SAN DIEGO PADRES	NL	
18	MARTINEZ, PEDRO	\$14,875,000	PITCHER	NEW YORK METS	NL	
19	HAMPTON, MIKE	\$14,503,543	PITCHER	ATLANTA BRAVES	NL	
20	BERKMAN, LANCE	\$14,500,000	FIRST BASEMAN	HOUSTON ASTROS	NL	
21	THOME, JIM	\$14,166,667	FIRST BASEMAN	CHICAGO WHITE SOX	AL	
22	COLON, BARTOLO	\$14,000,000	PITCHER	LOS ANGELES ANGELS	AL	
23	PWJOLS, ALBERT	\$14,000,000	FIRST BASEMAN	ST. LOUIS CARDINALS	NL	
24	ABREU, BOBBY	\$13,600,000	OUTFIELDER	PHILADELPHIA PHILLIES	NL	
25	BELTRAN, CARLOS	\$13,571,428	OUTFIELDER	NEW YORK METS	NL	
26	JONES, ANDRUW	\$13,500,000	OUTFIELDER	ATLANTA BRAVES	NL	
27	GUERRERO, VLADIMIR	\$13,500,000	OUTFIELDER	LOS ANGELES ANGELS	AL	
28	DELGADO, CARLOS	\$13,500,000	FIRST BASEMAN	NEW YORK METS	NL	
29	SCHILLING, CURT	\$13,000,000	PITCHER	BOSTON RED SOX	AL	
30	DAMON, JOHNNY	\$13,000,000	OUTFIELDER	NEW YORK YANKEES	AL	
31	MATSUI, HIDEKI	\$13,000,000	OUTFIELDER	NEW YORK YANKEES	AL	
32	SEXSON, RICHIE	\$13,000,000	FIRST BASEMAN	SEATTLE MARINERS	AL	
33	BELTRE, ADRIAN	\$12,900,000	THIRD BASEMAN	SEATTLE MARINERS	AL	
34	HALLADAY, ROY	\$12,750,000	PITCHER	TORONTO BLUE JAYS	AL	
35	SUZUKI, ICHIRO	\$12,500,000	OUTFIELDER	SEATTLE MARINERS	AL	
36	ROLEN, SCOTT	\$12,456,336	THIRD BASEMAN	ST. LOUIS CARDINALS	NL	
37	JONES, CHIPPER	\$12,333,333	THIRD BASEMAN	ATLANTA BRAVES	NL	
38	EDMONDS, JIM	\$12,074,702	OUTFIELDER	ST. LOUIS CARDINALS	NL	
39	WOOD, KERRY	\$12,000,000	PITCHER	CHICAGO CUBS	NL	
40	KONERKO, PAUL	\$12,000,000	FIRST BASEMAN	CHICAGO WHITE SOX	AL	
41	VAZQUEZ, JAVIER	\$12,000,000	PITCHER	CHICAGO WHITE SOX	AL	
42	POSADA, JORGE	\$12,000,000	CATCHER	NEW YORK YANKEES	AL	
43	TEJADA, MIGUEL	\$11,811,415	SHORTSTOP	BALTIMORE ORIOLES	AL	
44	KENDALL, JASON	\$11,492,454	CATCHER	OAKLAND ATHLETICS	AL	
45	DREW, J.D.	\$11,400,000	OUTFIELDER	LOS ANGELES DODGERS	NL	
46	SMOLTZ, JOHN	\$11,000,000	PITCHER	ATLANTA BRAVES	NL	

Sheet1 | 06base/

Ready

How much did the National League spend on salaries?

-use the sumif function.

The screenshot shows a Microsoft Excel spreadsheet titled "06base.XLS". The spreadsheet contains a list of players and their salaries. The columns are labeled: PLAYER, SALARY, POSITION, TEAM, and LEAGUE. The data is as follows:

PLAYER	SALARY	POSITION	TEAM	LEAGUE
RODRIGUEZ, WANDY	\$327,000	PITCHER	HOUSTON ASTROS	NL
MATHIS, JEFF	\$327,000	CATCHER	LOS ANGELES ANGELS	AL
EYRE, WILLIAM	\$327,000	PITCHER	MINNESOTA TWINS	AL
GASSNER, DAVE	\$327,000	PITCHER	MINNESOTA TWINS	AL
KUBEL, JASON	\$327,000	OUTFIELDER	MINNESOTA TWINS	AL
LIRIANO, FRANCISCO	\$327,000	PITCHER	MINNESOTA TWINS	AL
BANNISTER, BRIAN	\$327,000	PITCHER	NEW YORK METS	NL
HERNANDEZ, ANDERSON	\$327,000	SECOND BASEMAN	NEW YORK METS	NL
BLANTON, JOE	\$327,000	PITCHER	OAKLAND ATHLETICS	AL
BULLINGTON, BRYAN	\$327,000	PITCHER	PITTSBURGH PIRATES	NL
CAPPS, MATT	\$327,000	PITCHER	PITTSBURGH PIRATES	NL
VAN BENSCHOTEN, JOHN	\$327,000	PITCHER	PITTSBURGH PIRATES	NL
BARFIELD, JOSH	\$327,000	SECOND BASEMAN	SAN DIEGO PADRES	NL
WAINWRIGHT, ADAM	\$327,000	PITCHER	ST. LOUIS CARDINALS	NL
CHILDERS, JASON	\$327,000	PITCHER	TAMPA BAY DEVIL RAYS	AL
LUGO, RUDDY	\$327,000	PITCHER	TAMPA BAY DEVIL RAYS	AL
CASTRO, FABIO	\$327,000	PITCHER	TEXAS RANGERS	AL
KINSLER, IAN	\$327,000	SECOND BASEMAN	TEXAS RANGERS	AL
TALLET, BRIAN	\$327,000	PITCHER	TORONTO BLUE JAYS	AL
BERGMANN, JASON	\$327,000	PITCHER	WASHINGTON NATIONALS	NL
WATSON, BRANDON	\$327,000	OUTFIELDER	WASHINGTON NATIONALS	NL
ZIMMERMAN, RYAN	\$327,000	THIRD BASEMAN	WASHINGTON NATIONALS	NL
TOTAL	\$2,326,706,685			
TOTAL NL	\$1,158,036,620			

The formula bar shows the formula: `=SUMIF(E6:E828, "=NL", B6:B828)`. A tooltip below the formula bar explains the syntax: `SUMIF(range, criteria, [sum_range])`.

What's the total for each team?

-use a pivot table to summarize the information even more.

The screenshot shows Microsoft Excel with a PivotTable summarizing salary data for 30 baseball teams. The PivotTable is located in the range B3:J35. The PivotTable fields are: Rows: TEAM, Columns: Total. The data is as follows:

TEAM	Total
NEW YORK YANKEES	\$194,663,079
BOSTON RED SOX	\$120,099,824
LOS ANGELES ANGELS	\$103,472,000
CHICAGO WHITE SOX	\$102,750,667
NEW YORK METS	\$101,084,963
LOS ANGELES DODGERS	\$98,447,187
CHICAGO CUBS	\$94,424,499
HOUSTON ASTROS	\$92,551,503
ATLANTA BRAVES	\$90,156,876
SAN FRANCISCO GIANTS	\$90,056,419
ST. LOUIS CARDINALS	\$88,891,371
PHILADELPHIA PHILLIES	\$88,273,333
SEATTLE MARINERS	\$87,959,833
DETROIT TIGERS	\$82,612,866
BALTIMORE ORIOLES	\$72,585,582
TORONTO BLUE JAYS	\$71,915,000
SAN DIEGO PADRES	\$69,896,141
TEXAS RANGERS	\$68,228,662
MINNESOTA TWINS	\$63,396,006
WASHINGTON NATIONALS	\$63,143,000
OAKLAND ATHLETICS	\$62,243,079
CINCINNATI REDS	\$60,909,519
ARIZONA DIAMONDBACKS	\$59,684,226
MILWAUKEE BREWERS	\$57,568,333
CLEVELAND INDIANS	\$56,031,500
KANSAS CITY ROYALS	\$47,294,000
PITTSBURGH PIRATES	\$46,717,750
COLORADO ROCKIES	\$41,233,000
TAMPA BAY DEVIL RAYS	\$35,417,967
FLORIDA MARLINS	\$14,998,500
Grand Total	\$2,326,706,685

Use Spreadsheets

- **Keep lists** – like to do lists, etc. You can use spreadsheets to prioritize, categorize, sort, schedule, and mark done.
- **Manage your budget** or checkbook (one of the few areas we all come into contact with numbers).
- **Keep contacts** Fname,Lname,Phone,Address, etc...then you can sort by company, name, area code, etc.
- **Make charts** – examples, news research uses spreadsheets from things as varies as creating chronologies , staff schedules, and work assignments. Press runs, deadlines, etc. are all tracked on spreadsheets.
- **Anything that you might want to sort** – by one criteria or another. Birthdays of family and friends can be entered in any order and then sorted by date.
- **Use it in your day to day work** to organize any data or notes you may need.
- **Almost anything** that would be better represented or managed in a grid than a block of text.

Lambert security checkpoints



Efficiency soars, lines shrink

Items allowed beginning Friday



« Scissors with a cutting edge of 4 inches or less



^ Tools such as screwdrivers, wrenches and pliers smaller than 7 inches



Screeners, savvy travelers get credit, but new procedures loom

By Elisa Crouch
ST. LOUIS POST-DISPATCH

Catching a flight at Lambert Field will become more hectic this week as thousands of holiday fliers fill planes and lengthen lines at security checkpoints. But if the past year and Thanksgiving are an indicator, many travelers will spend less time in lines at the metal detectors than at the airport Starbucks.

The faster-moving lines have partly to do with screeners becoming more efficient, and partly with passengers becoming more familiar with the checkpoint drill, said Bill Switzer, the federal security director at Lambert for the Transportation Security Administration.

"They take their coats off, they know about shoes, laptop computers, the prohibited

items," he said. "They're well-trained." The federal agency has reworked lunch and dinner breaks so they don't coincide with peak flight times, which had been a problem at some checkpoints.

From Nov. 23-28, maximum waits at Lambert's four checkpoints were about a third less than they were for the same dates last year, a Post-Dispatch analysis of federal wait time data shows. The longest wait at any concourse on those days was 20 minutes this year, compared with 34 minutes last year. Average waits during peak periods ranged from 3 to 11 minutes this year, down from 6 to 15 minutes last year. The times do not include minutes spent waiting at ticket counters or curbside check-in.

PLEASE SEE LAMBERT | A 5

» forums.stltoday.com Do you have any tips for a quick trip through airport security? Share them in our online transportation forum, Along for the Ride.

Items that still will not be permitted



Scissors longer than 4 inches and tools such as crowbars, drills, hammers and saws will continue to be banned from carry-on bags.

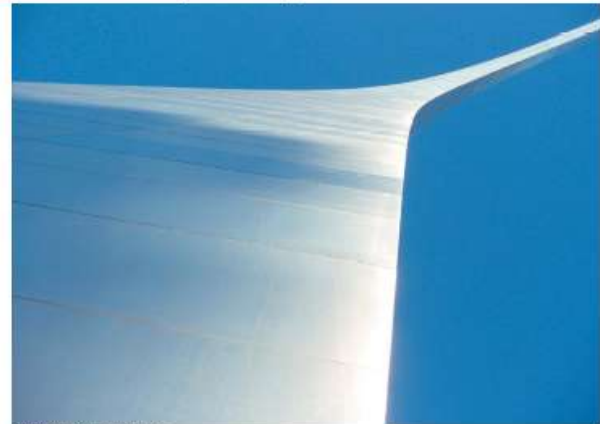


Lighters will continue to be banned from the cabin of aircraft; lighters without fuel are allowed in checked baggage.



OVER 4,000 READERS WEIGH IN ON OUR MOST-TREASURED PLACES

THE SEVEN WONDERS OF ST. LOUIS



GATEWAY ARCH: "MAGNIFICENT"

By Joe Berke
Illustration by

Of all the wonders of the world, there are none quite like the Gateway Arch, the Fox Theatre, Cahokia Mounds, the Missouri Botanical Garden, the Great Cathedral Basilica and Union Station. Now they're the most treasured places in the city, as voted by the readers of *St. Louis*.

A project that began more than five years ago, the Arch was the first to be voted in. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.



FOX THEATRE: "MAGNIFICENT"

By Joe Berke
Illustration by

The Arch was designed by Eero Saarinen and is one of the most famous architectural landmarks in the world. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.



FOREST PARK: "ELEGANT"

By Joe Berke
Illustration by

Union Station is a historic landmark in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.



ST. LOUIS CATHEDRAL BASILICA: "INSPIRATIONAL"

By Joe Berke
Illustration by

The Cahokia Mounds are a prehistoric archaeological site in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.



CAHOKIA MOUNDS: "MAGNIFICENT"

By Joe Berke
Illustration by

The Missouri Botanical Garden is a large botanical garden in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.



MISSOURI BOTANICAL GARDEN: "ELEGANT"

By Joe Berke
Illustration by

The Great River Road is a scenic drive in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.

GREAT RIVER ROAD: "MAGNIFICENT"

By Joe Berke
Illustration by

The Ted Drewes is a famous ice cream parlor in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.

TED DREWES: "ELEGANT"

By Joe Berke
Illustration by

The Hill is a historic neighborhood in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.

THE HILL: "ELEGANT"

By Joe Berke
Illustration by

The Delmar Loop is a shopping district in St. Louis, Missouri. It was the first to be voted in by the readers of *St. Louis*, and it was the first to be voted in by the readers of *St. Louis*.

DELMAR LOOP: "ELEGANT"

	FINALIST	TOTAL VOTES*	% OF BALLOTS**
7 WONDERS >	1 Gateway Arch	3,917	96%
	2 Forest Park	3,731	91%
	3 Missouri Botanical Garden	3,137	77%
	4 St. Louis Cathedral Basilica	2,295	56%
	5 Eads Bridge	2,255	55%
	6 Fox Theatre	2,225	54%
	7 Union Station	2,173	53%
< 8 RUNNERS UP	8 St. Louis Cardinals	1,685	41%
	9 Cahokia Mounds	1,661	41%
	10 Anheuser-Busch Brewery	1,451	35%
	11 City Museum	1,046	26%
	12 Great River Road	881	21%
	13 Ted Drewes	795	19%
	14 The Hill	772	19%
	15 Delmar Loop	660	16%

* The total number of votes cast was 28,684, on 4,099 ballots. While ballots were required to contain votes for seven finalists, some contained only six and some had illegible entries. Therefore, on a few ballots there were fewer than seven votes recorded.

** Percentages were rounded off to the nearest whole number.

ILLUSTRATION: JOE BERKE

	RANK	TOTAL VOTES	% OF BALLOTS**
1 Gateway Arch	1	3,917	96%
2 Forest Park	2	3,731	91%
3 Missouri Botanical Garden	3	3,137	77%
4 St. Louis Cathedral Basilica	4	2,295	56%
5 Eads Bridge	5	2,255	55%
6 Fox Theatre	6	2,225	54%
7 Union Station	7	2,173	53%
8 St. Louis Cardinals	8	1,685	41%
9 Cahokia Mounds	9	1,661	41%
10 Anheuser-Busch Brewery	10	1,451	35%
11 City Museum	11	1,046	26%
12 Great River Road	12	881	21%
13 Ted Drewes	13	795	19%
14 The Hill	14	772	19%
15 Delmar Loop	15	660	16%

ILLUSTRATION: JOE BERKE

ILLUSTRATION: JOE BERKE

ILLUSTRATION: JOE BERKE

ILLUSTRATION: JOE BERKE

ILLUSTRATION: JOE BERKE

INSIDE

SUNDAY POST-DISPATCH

SEPTEMBER 11, 2005 | FOUNDED BY JOSEPH PULITZER IN 1878 | STLTODAY.COM | \$1.25



Buying clout: Big splash, high cost

How St. Louis' top companies use big bucks to influence federal policies.

By Deirdre Shesgreen

POST-DISPATCH WASHINGTON BUREAU

WASHINGTON • In 2003, a Washington lobbyist for Anheuser-Busch Cos. Inc. circulated a set of controversial amendments on Capitol Hill, seeking to

loosen regulations over orcas, dolphins and other marine mammals that frolic at the company's amusement parks.

Key amendments on the company's wish list are now included, almost verbatim, in a pending bill that would reauthorize the Marine Mammal Protection Act, first passed in 1972 to prevent the animals' extinction.

This legislative feat illustrates how one St. Louis-area company has wielded influence in Wash-

ington, aiming to boost its bottom line with pricey and politically savvy lobbying campaigns.

Anheuser-Busch is among the region's biggest spenders and the most politically astute, but the company is hardly alone in understanding how Washington works and making the political

PLEASE SEE LOBBYISTS | A8

A look at how much our top firms spend on lobbying. A8

More than \$51 million

Amount spent by St. Louis' top 10 publicly traded companies in the past five years to shape federal legislation and sway elections.

More than \$39 million

Amount lobbyists were paid to use their connections, political acumen and expertise to press St. Louis business interests in Washington.

Massive efforts:

An Anheuser-Busch lobbyist sought in 2003 to loosen regulations on marine mammals that entertain at the company's parks.

- Open Office is an open source software suite that offers the same functionality of Microsoft Office – but it is FREE!
- www.openoffice.org

Getting Data

- Easier than you might think (No FOIA required!)
- Sometimes as simple as a copy and paste
- Sometimes even easier

- ...and sometimes, it's really, really hard.

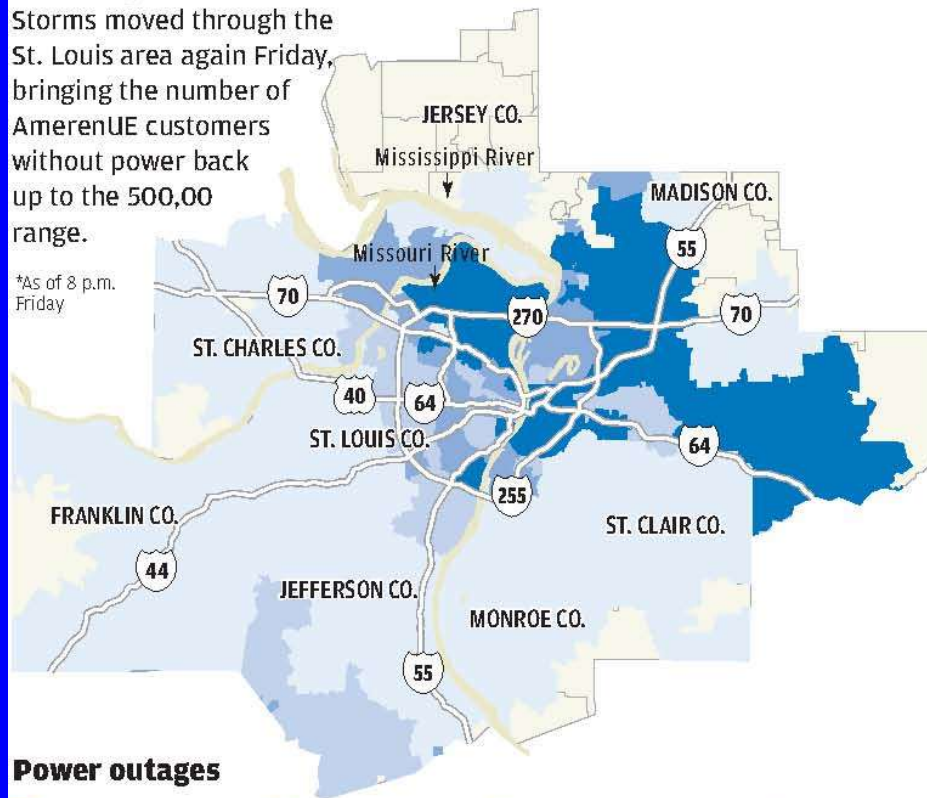
Power Outages

- St. Louis lost power for several days twice last year
- The power company posted the number of outages every quarter hour on its website
- We wanted to quantify and illustrate that information
- Slow start during first outage
- Nailed it on the second one 😊

Strong thunderstorms

Storms moved through the St. Louis area again Friday, bringing the number of AmerenUE customers without power back up to the 500,000 range.

*As of 8 p.m. Friday



Power outages

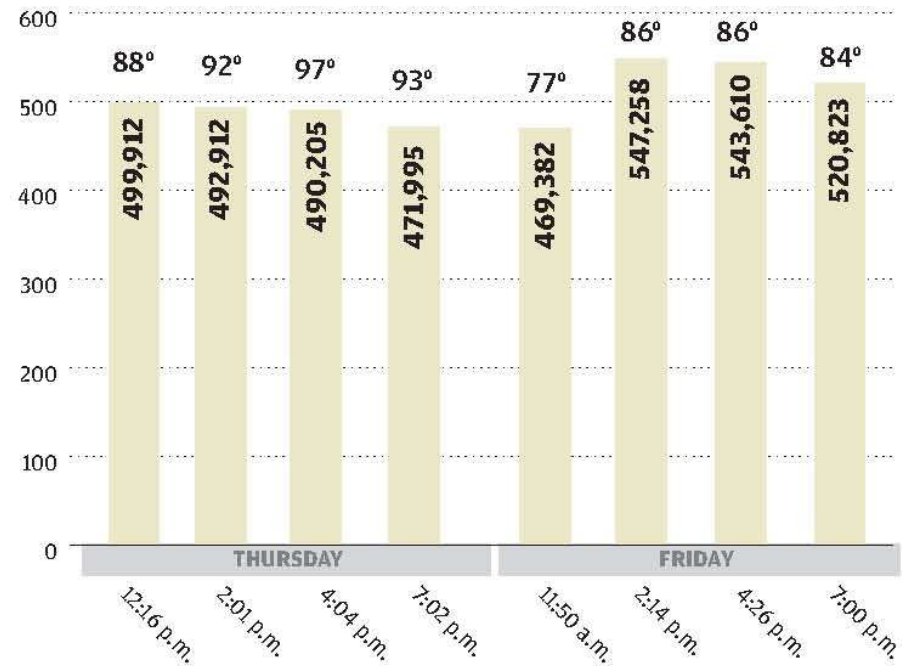
Severe 75 -100% **Heavy 50-75%** **Moderate 25-50%** **Mild 0-25%**

SOURCE: AmerenUE | Post-Dispatch

Second storm causes more to lose power

As AmerenUE reconnected customers Friday, others lost power because of the storm, which was hardest on North St. Louis County and the Metro East. Here are the number of customers without power at various times of the day and the temperature at those times.

Scale in thousands

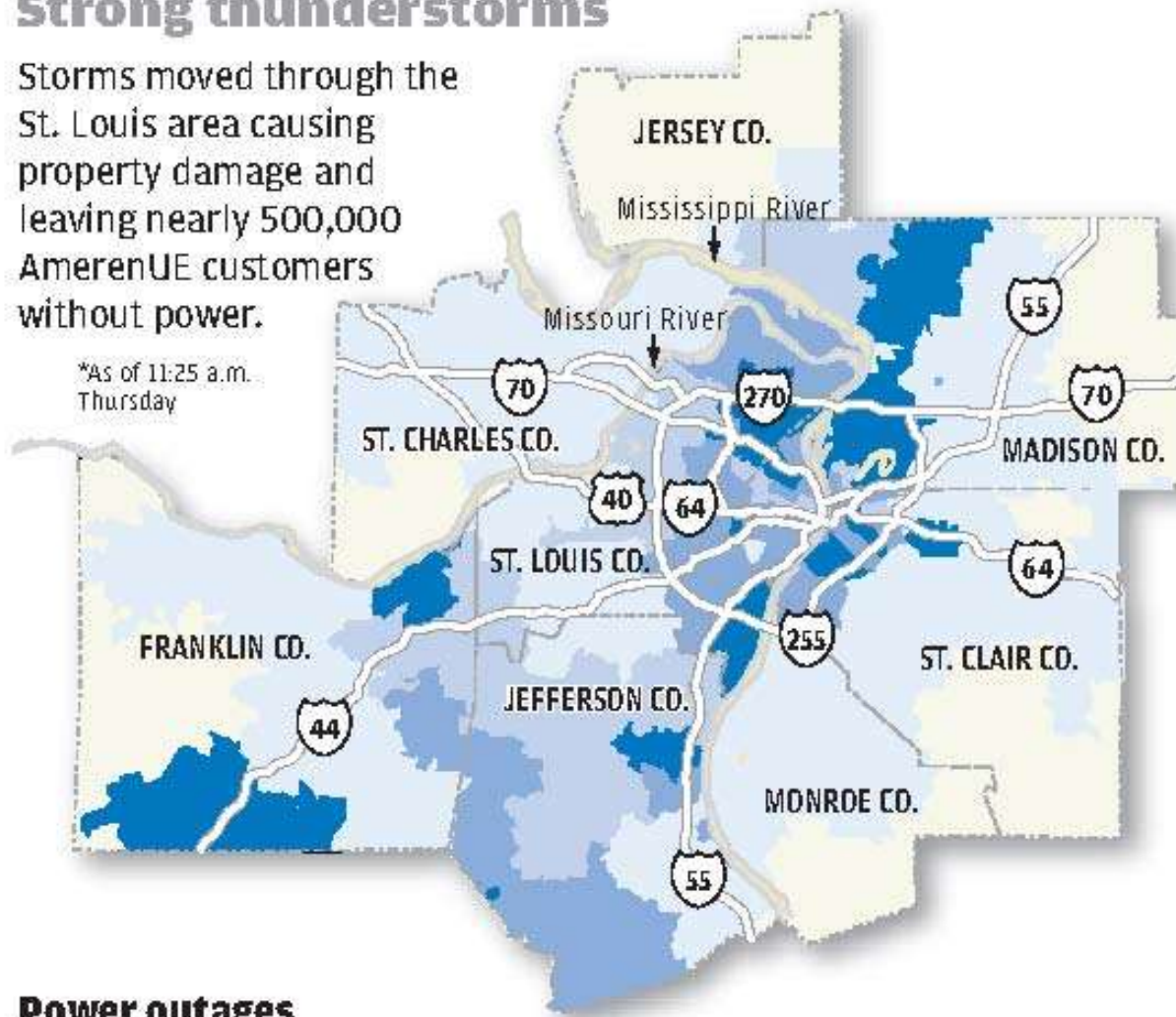


NOTE: Temperatures for times are approximate

Strong thunderstorms

Storms moved through the St. Louis area causing property damage and leaving nearly 500,000 AmerenUE customers without power.

*As of 11:25 a.m. Thursday



Power outages

■ Severe 75 -100% ■ Heavy 50-75% ■ Moderate 25-50% ■ Mild 0-25%

Power returns at an uneven pace

A Post-Dispatch analysis of power outages by ZIP code shows that many communities in the northern tier of the St. Louis area have been the slowest to regain electricity. Ameren says its efforts have been hampered because of large-scale damage and because many homes in those areas are built back-to-back, restricting access.

Customers with restored power as of 3 p.m. Tuesday



Ten ZIP codes with highest number of power outages

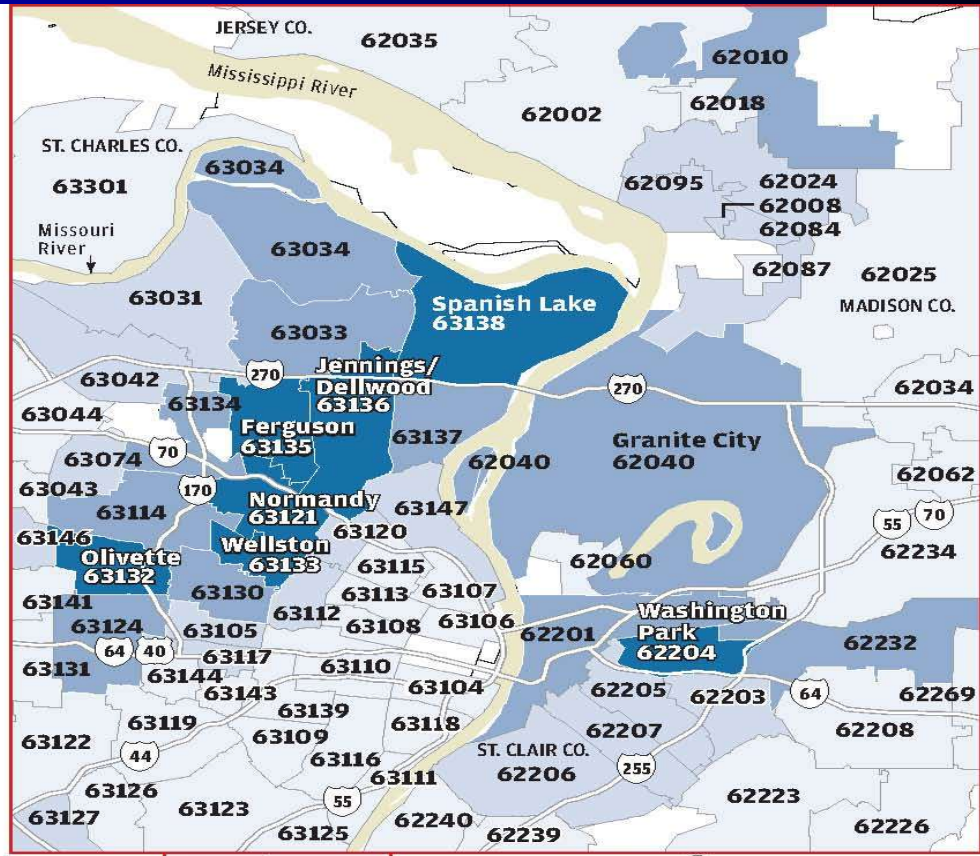
ZIP code	City	Without power during peak outage times*	Without power Tuesday	Percent with power restored
63129	Oakville	21,268	43	99.8%
63136	Jennings	21,006	15,138	27.9%
63301	St. Charles	20,595	66	99.7%
63033	Black Jack	19,178	11,150	41.9%
62040	Granite City	18,199	7,624	58.1%
63031	Florissant	17,954	7,147	60.2%
63123	Affton	16,118	505	96.9%
63125	Lemay	14,231	227	98.4%
62234	Collinsville	12,892	1,405	89.1%
63116	south St. Louis	12,218	1,934	84.2%

The Post-Dispatch has tracked the number of customers without power posted on the company's Web site. To arrive at the figures shown here we compared outage numbers from 3 p.m. Tuesday with peak outage numbers posted by Ameren.

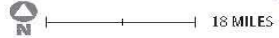
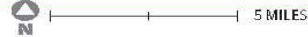
*Peak outage times are defined as 11:40 a.m. July 20 and 2:30 p.m. July 21.

Only ZIP codes with more than 500 customers without power on July 20 and July 21 were included in this analysis.

SOURCES: Ameren; Census 2000 | Research by Jaimi Dowdell and graphic by Darryl Swint | Post-Dispatch



↓ Oakville 63129



Data Cleaning

- Lots of options to get the data usable
- Never presume the data is unusable
- Never presume that it is a quick and easy process



testfile2006.TXT

Project Open Explorer
 C:\Documents and Setting

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FOR INFORMATIONAL USE ONLY.....Page....19
12:25:42.16-Mar-2006. Combined Regular & Absentee Ballots9
..... GENERAL MUNICIPAL ELECTION9
..... ST. LOUIS COUNTY, MISSOURI9
..... TUESDAY, APRIL 4, 20069
..... Total.....Pct9
Precincts Counted--TOTAL.....0.....0.009
Registered Voters--TOTAL.....09
Ballots Cast--TOTAL.....09
9
***** MUNICIPALITIES *****9
*****9
9
***** CITY OF BALLWIN-WARD 1 (6 POLLING PLACES) *****9
9
Precincts Counted--.....0.....0.009
Registered Voters--.....09
Ballots Cast--.....09
9
ALDERMAN-WARD 19
.1 TO BE ELECTED9
...TIM POGUE.....09
...STEPHEN H. WARD.....09
...DAVID L. LAPPIN.....09
9
***** CITY OF BALLWIN-WARD 2 (7 POLLING PLACES) *****9
9
Precincts Counted--.....0.....0.009
Registered Voters--.....09
Ballots Cast--.....09
9
ALDERMAN-WARD 29
.1 TO BE ELECTED9
...JANE SUOZZI.....09
...MARINELL BANTEL.....09
9
    
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NEWS

- ST. LOUIS CITY / COUNTY
- METRO EAST
- ST. CHARLES
- JEFFERSON COUNTY
- LAW & ORDER
- MISSOURI STATE NEWS
- ILLINOIS STATE NEWS
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- COMMUTING & TRAFFIC

News

Elections 2006

ST. LOUIS POST-DISPATCH

St. Louis County

Elections 2006 Home

Races

Office Title	District	Jurisdiction County	State
Alderman Ward 1	Ballwin (Municipality)	St. Louis County	Missouri
100% of precincts		Votes	Percent
TIM POGUE (Non)		601	64.62%
Stephen H. Ward (Non)		82	8.82%
David L. Lappin (Non)		247	26.56%
Updated: 4/4/2006 11:10:31 PM			
Alderman Ward 2	Ballwin (Municipality)	St. Louis County	Missouri
100% of precincts		Votes	Percent
JANE SUOZZI (Non)		700	62.22%
Marinell Bantel (Non)		425	37.78%
Updated: 4/4/2006 11:10:32 PM			
Alderman Ward 3	Ballwin (Municipality)	St. Louis County	Missouri

find the
sales fast.

Getting it to the web

- Getting data to our web site has been a challenge
- We now send tabular results to online very early but still isn't ideal.
- Caspio offers an alternative
- **What we have done with it:**
 - Comics survey
 - Annual Business Report
 - Riverside School Project

er-Busch Cos.	BUD	\$1,965.20
n	EMR	\$1,845.00
to Co.	MON	\$689.00
y Energy Corp.	BTU	\$600.70
Corp.	AEE	\$547.00
Scripts Inc.	ESRX	\$474.40
Electronic Materials Inc.	WFR	\$369.29
wards Inc.	AGE	\$331.35
Ltd.	DOX	\$318.64
ance Group of America Inc.	RGA	\$288.21
Aldrich Corp.	SIAL	\$276.80
al Inc.	ACI	\$260.93
er Holdings Inc.	ENR	\$260.90
ce Bancshares Inc.	CBSH	\$219.84
p.	OLN	\$149.70
Holdings Inc.	RAH	\$68.30
CDT Inc.	BDC	\$65.94
hoe Co.	BWS	\$65.71
Bread Co.	PNRA	\$58.85
e Brands Int'l Inc.	FBN	\$55.06
Group Inc.	LG	\$48.99
n Corp.	SEH	\$38.80
n Railcar Industries Inc.	ARII	\$35.20
d Co.	KWD	\$31.40
chnologies Inc.	ESE	\$31.28
Bear Workshop Inc.	BBW	\$29.49
m Technologies Inc.	INSU	\$24.68
Capri Casinos Inc.	ISLE	\$19.00
p.	CPY	\$16.33

PERFORMANCE

Revenue Leaders • Sales Growth • Return on Equity • Shareholder return • Highly Leveraged Companies • No long-term debt

STOCKS

Market Value • Dividend Yield • Wall Street Darlings • Wall Street Wallflowers • Charging Ahead • Falling Behind

OTHER

Unranked Companies • Top Private Companies

YESTERDAY'S MOST E-MAILED STORIES

- Chuck-A-Burger in St. John to close
- Yogi's speech ain't over till it's over your head
- Taylor Morley builder lays off workers, cuts back as housing slumps
- Shannon's is cleared, but questions cloud inquiry
- Bear is on the prowl in Jefferson County
- A.G. Edwards, Wachovia deal will bring change to St. Louis, brokerage industry
- A.G. Edwards sale brings good and bad news
- Black bear roaming Jefferson County
- Lawyer accused of arranging sham marriage
- Bridge demolition could cause massive traffic delays

[Last 7 Days]

St. Louis At Work

TOP JOBS

DRIVERS IT'S ALL

St. Louis, MO
DTS Truck



<u>Month</u>	<u>City</u>	<u>State (or country)</u>	<u>Trip</u>	<u>Associated with trip</u>	
<u>97</u>	New Orleans	LA	AASA Annual Conference, Feb. 20-23, 2003 - New Orleans, La.	Debbie Wallace; Henry Williams; Marlene Terry; Richard Hunt; Rudy Smith; Tommie Pierson	Map it
<u>9</u>	London	England	UNKNOWN	Henry Williams	Map it
<u>25</u>	San Francisco	CA	63rd NSBA Annual Conference And Exposition, April 5 - 8, 2003 - San Francisco, Calif.		Map it
<u>1</u>	Galveston	TX	Sopris West Educational Services Summer Training, 2003	One staff	Map it
<u>17</u>	Sedona	AZ	"Education As A Civil Right," By Syfr Corp., 2003	Henry Williams	Map it

How other newspapers are using Caspio

- School Test Scores
- Crime Statistics
- Recent Home Sales
- Sports Schedules, Scores and Rosters
- Birth and Marriage Announcements
- Death Notices and Obituaries
- Restaurant Reviews
- New Business Listings
- High School Graduation Rosters

Other online database

- 1. **Zoho** Creator
- 2. Dabble DB
- 3. **QuickBase**
- 4. **Caspio** Bridge
- 5. **MyOwnDB**
- 6. **Lazybase**
- 7. **eUnifyDB**
- 8. **Trackvia**

Databases: What's the advantage?

- MUCH more information
- Summarize, extract, simplify or categorize data more easily
- Join otherwise unrelated data (ex. zip codes)
- Data Library

According to federal data, 170 people in Illinois and 86 in Missouri died from 1994 to 2004 in crashes that in some way involved a police pursuit.

Family sues officers over police pursuit that left pastor dead

By Robert Patrick
ST. LOUIS POST-DISPATCH

The wife and children of a pastor killed in a February crash by a driver fleeing police sued the officers and the Police Department Tuesday and called for a change in police pursuit policy.

The Rev. Nathaniel Cole, 56, was killed on his way to a church service the evening of Feb. 13 when his Chery Blazer smashed head-on into a speeding Ford Bronco being pursued by police.

Cole was the pastor at God's Revealing Tabernacle Church for 14 years and had a radio program on KIRL (1460 AM).

Cole's wife, Annie Cole, 55, was critically injured.

The Bronco's driver, Robert E. Smith, 23, died. Prosecutors charged passenger Demetrius Branon, 19, of the 3600 block of North 20th Street, with second-degree murder, assaulting a police officer, armed criminal action and resisting arrest. The other passenger was not charged.

The lawsuit, filed by Annie Cole, daughter Tina Cole and son Elisha Cole in St. Louis Circuit Court, says the department failed to properly train officers to pursue vehicles safely and faults the police policy covering fleeing vehicles.

The suit also says that Officers David King, Joseph Bell and Matthew Elder were negligent and rammed the fleeing vehicle into the Coles' SUV.

Police spokesman Richard Wilkes would not comment on the suit but said there was no contact between officers' cars and the Bronco.

At a press conference Tuesday morning, lawyers representing the Coles said the pursuit began over a minor traffic violation and could have been avoided because police recognized Smith and knew his home address. They could have waited for him there, they said.

They also said police should have stopped the chase when Smith hit another vehicle, before the Blazer.

The chase started after a traffic stop at 14th and Salisbury streets.

According to a copy of the police report supplied by the Cole family lawyers, police pulled the Bronco over for reckless driving. Smith was pulling a gun from his

waistband as Officer King approached, and pointed it at King after being "startled," according to the report.

The Bronco took off, and Branon fired

at the pursuing officers, according to the report. Police estimated the Bronco's speed at 70 to 80 mph.

Annie Cole is uninsured and has endured six surgeries, about a month in the hospital and more time in a nursing home, Elisha Cole said. She has to use a wheelchair, he said.

About 300 people attended a fundraiser in March, and a trust fund has been set up at Bank of America.

Lawyer Andy Grouppen said the suit was not about money but about getting the department to "review, revise and reform" the rules and regulations on police chases.

Police Chief Joe Mokwa could not be reached for comment.

In February, Mokwa said, "We've got one of the most restrictive police pursuit policies around, but if someone threatens an officer, or a citizen, with deadly force, then we have to stop that person."

Mokwa revised the policy in 2002 after concerns over accidents during police chases.

The current policy says, in part, "Vehicle pursuits may be initiated when the officer has reason to believe that the suspect has committed a felony involving the use or threatened use of deadly force and a delay in apprehending the suspect(s) will pose a danger to other people."

According to federal data, 170 people in Illinois and 86 in Missouri died from 1994 to 2004 in crashes that in some way involved a police pursuit.

Jaimi Dowdell of the Post-Dispatch contributed to this report.

rpatrick@postdispatch.com | 314-621-5154

STLtoday.com/links Read earlier coverage of the death of Nathaniel Cole.



Cole
killed Feb. 13

**MORE THAN 10,000 WORKERS HAVE DIED IN FALLS SINCE 1974.
SOME FLOUT RULES, BUT EMPLOYERS ULTIMATELY ARE RESPONSIBLE.**

Is safety really first?



"I always make sure I have my harness on," says Brent Durham of St. John, an ironworker with Local 396. Durham was seven stories up Friday preparing the north side of the Lucas Loft Building on Washington Avenue for a balcony installation. Laurie Skivan | Post-Dispatch

By Shane Graber | ST. LOUIS POST-DISPATCH

3 FATAL FALLS

From A1

W 2 | ST. LOUIS POST-DISPATCH | SUNDAY | JULY 9, 2006 | STLTODAY.COM

10,780

Workers who died in falls between 1974 and February 2006 throughout country

613

Fatal falls in Illinois during that time

242

Fatal falls in Missouri during that time



Ironworker Brent Durham of St. John, as seen from the ground while working on the Lucas Loft Building on Washington Avenue. Recent fatal falls of workers from bridges have put the spotlight on safety during work done off the ground. Laurie Skivan | Post-Dispatch

WORKERS | FROM A1

Safety up high: Whose job is it?

“It’s human nature,” Perry said. “Whether for a few minutes or a full day, they don’t want to wear it. It might be uncomfortable, but, whatever. But we do not allow that.”

The reason not to wear one might also be a matter of price, said William Schrier, a construction industry researcher at the University of Tennessee at Knoxville.

“Many construction workers, they’re risk-takers,” he said. “It’s just dangerous work. Period. Management cannot be there all the time to force them to take advantage of the safety procedures.”

“Working in construction, it’s virtually impossible to be safe at all times for all people.”

Federal rules, though, place that responsibility squarely on the employer, said Lakini Darnow, director of the St. Louis-area office of the Occupational Safety and Health Administration.

OSHA’s regulations are clear

Companies must ensure the safety of workers when they’re above ground. Harnesses aren’t required if employers provide another form of protection, such as guardrails or safety nets. The minimum height for the safety procedures can range from 6 to 10 feet, depending on whether the workers are on scaffolds.

OSHA also requires employers to provide safety training to employees before they are exposed to fall hazards — and to train employees who forget those safety standards. Companies must keep records that show the training has taken place.

If a worker doesn’t comply with the rules, the employer must take prompt action to ensure safety. The agency can sanction and fine companies that violate the regulations.

“Everybody thinks, ‘It’s just not going to happen to me,’ and that’s why it’s so important that the employer enforce it,” Barb Thacker,

director of OSHA’s Kansas City-area office, said in an interview last week. “It’s the responsibility of the employer to protect the employee from hazards of any kind.”

Perry, of HBD, Construction, believes that safety should be the responsibility of both the company and its workers.

“We provide a safety belt, and we expect them to wear that,” Perry said. “It’s certainly not responsibility to provide training materials and enforcement. But it is, of course, the employee’s responsibility to listen and reason and to physically buckle the device on to themselves. It has to be a joint operation, from our viewpoint.”

The precautions can help companies feel more secure, too, Schrier said.

“Other than having a moral duty to provide a safe work site, they have economic incentives as well,” he said.

Contractors must pay compensation for any injuries, he said. In other words, the fewer the injuries, the less money these companies lose.

Between EPA and February of this year, 10,780 workers have died in falls across the country, according to OSHA data. Illinois had 613 deaths in that time frame, and Missouri 242.

Those figures don’t include the three recent Missouri falls, all by employees of Thomas Industrial Coatings Inc., a Pevely company that refinishes and paints road and highway bridges. Thomas issued a statement Friday saying it has long required its workers to follow safety regulations and will emphasize those rules again in a company-wide session.

Andy Wilson, 49, died Wednesday after falling from a four-lane bridge under repair in northeast Kansas City. Another employee died after falling from the same bridge in May. Three months

earlier, Jimmy BeHeld, 39, of Cadet, Mo., fell to his death into the Mississippi River from the Jefferson Barracks bridge. His body was found downstream several weeks later.

Dan Schaefer has spent more than three decades working on bridges for the Missouri Department of Transportation. He admits he had a tough time adjusting to harness years ago. But he knows the risks of not wearing one.

“It’s kind of restrictive. It cuts down on your movement,” he said. “Once you get used to them, though, it makes you feel a lot better when you’re out there hanging on the side of a bridge.”

graber@post-dispatch.com | 314-366-6307

STLTODAY.com/links
Read further coverage of the workers’ deaths.

Query - Microsoft Visual FoxPro

File Edit View Tools Program Table Window Help



Dam_name	County	River	City	Distance	Owner_name	Year_compl	St_reg_dam	Fed_regula	Insp_date
SAGAMORE LAKE DAM	STE. GENEVIEVE			0.0	LALUMONDIERE, LINDELL	1980	N		01/28/1982
LAKE LASATA DAM	STE. GENEVIEVE	TRIB. TO FOURCHE A DU CLOS		0.0	MARVIN H. DRURY	1992	Y		10/17/2001
FIENUP LAKE DAM	ST. LOUIS	TR-BONHOMME CREEK		1.0	MR WILBUR G FIENUP	1970	Y		03/10/1997
WILDHORSE CREEK PARKWAY DAM	ST. LOUIS	TR BONHOMME CREEK	MISSOURI RIVER	5.0	TRUSTEES OF WILDHORSE	1989	Y		06/19/2000
DIERBERG LAKE DAM	ST. LOUIS	TR CAULKS CREEK	CHESTERFIELD	3.0	ROBERT DIERBERG	1982	Y		06/19/2000
CHERRY HILL DAM	ST. LOUIS	TR HAMILTON CREEK	GLENCOE	2.0	VILGES OF CHERRY HILLS	1988	Y		07/17/2001
CITY PLACE DAM	ST. LOUIS	TR CREVE COEUR CREEK	CREVE COEUR	0.0	CITY OF CREVE COEUR	1988	Y		01/25/2001
WOODS MILL COVE DAM	ST. LOUIS	TRIP OF CREVE COEUR CREEK	MISSOURI RIVER	7.0	TRUSTEES OF THE TERRACES	1988	Y		07/17/2001
LAC CAPRI DAM	ST. FRANCOIS	TR BIG RIVER		4.0	TERRE DU LAC POA	1972	Y		06/15/2001
LAKE TIMBERLINE DAM	ST. FRANCOIS	BEE RUN CREEK		9.0	AMERICAN TRIAD CORP	1963	Y		03/06/1986
LEADWOOD TAILINGS DAM	ST. FRANCOIS	EATON BRANCH		1.0	DOE RUN RESOURCES CORP.	1925	Y		08/02/2001
LAC MARSEILLES DAM	ST. FRANCOIS	TR-BIG RIVER		3.0	TERRE DU LAC POA	1971	Y		02/01/2001
LAC CARMEL DAM	ST. FRANCOIS	TRIBUTARY TO THREE HILL CREEK		0.0	TERRE DU LAC POA	1969	Y		01/20/2000
LAKE HANNA DAM	ST. FRANCOIS	BREWERS CREEK		13.0	LAKE HANNA PROP. INC.	1967	Y		02/28/1994
BLACKWELL POND DAM	ST. FRANCOIS	TR-MILL CREEK		2.0	KENNY SCHIENSCHANG	1957	Y		03/18/1999
LAKE PRIMROSE DAM	ST. FRANCOIS	PRIMROSE CREEK		10.0	AMERICAN TRIAD CORP.	1971	Y		03/06/1986
GOFF SPRINGS DAM	ST. FRANCOIS	TR-BEE RUN		9.0	AMERICAN TRIAD CORP	1973	Y		03/06/1986
EATON TAILINGS DAM	ST. FRANCOIS	TR-BIG RIVER		0.0	DOE RUN RESOURCES CORP.	1955	Y		08/02/2001
BUSCH WILDLIFE #35	ST. CHARLES	SCHOTE CREEK		8.0	MO. DEPT OF CONSERVATION	1963	Y		10/17/1996
LAKE SAINTE LOUISE DAM	ST. CHARLES	BRANCH PERUQUE CREEK	O FALLON	0.0	LAKE SAINT LOUIS COMM.	1967	Y		09/11/2000
PARK CHARLES SOUTH DAM	ST. CHARLES	TRIB-DARDENNE CREEK		3.0	PARK CHARLES OWNERS	1965	Y		12/11/2001
LAKE ST. LOUIS DAM	ST. CHARLES	PERUQUE CREEK	O FALLON	5.0	LAKE ST LOUIS COMM ASSOC	1973	Y		12/05/2000
BEAVER LAKE DAM	ST. CHARLES	TR-DUCKETT CREEK		5.0	MR. MARK STATLER(REP POA	1969	Y		07/19/2001
INCLINE VILLAGE LAKE DAM	ST. CHARLES	INDIAN CAMP CREEK		0.0	INCLINE VILLAGE BOT	1978	Y		03/19/2001
STERGEN LAKE DAM	ST. CHARLES	TR-FEMME OSAGE CREEK		1.0	DESPENA STERGEN	1970	Y		10/26/2000
LAUCK LAKE DAM	SCOTT	TR-HINDMAN CREEK		2.0	ELKS LODGE NO. 810	1977	Y		06/21/2001
MEMPHIS LAKE DAM	SCOTLAND	TR-NORTH FABIUS RIVER		3.0	RONALD ALEXANDER CITY.	1975	Y		08/21/2001
VAN METER DAM	SALINE	TR MISSOURI RIVER		5.0	LARRY LARSON	1963	Y		01/04/2000
SWEETWATER TAILINGS DAM	REYNOLDS	ADAIR CREEK		3.0	ASARCO	1980	Y		07/11/2000
FLETCHER TAILINGS DAM	REYNOLDS	TR BEE FORK		11.0	ST JOE MINERALS CORP	1965	Y		11/16/2001
BUICK TAILINGS DAM	REYNOLDS	STROTHER CREEK		2.0	DOE RUN COMPANY	1981	Y		04/30/2001
BRUSHY CREEK TAILINGS	REYNOLDS	TR BILLS CREEK		6.0	ST JOE MINERAL CO	1970	Y		06/25/2001
FIREPIT LAKE DAM	REYNOLDS	TR-EAST FORK-BLACK RIVER		15.0	TOM HENNESSEY	1975	Y		05/30/2001
WESTFORK SOUTHEAST DAM	REYNOLDS	TR WEST FORK BLACK RIVER	CENTERVILLE	14.0	ASARCO	1992	Y		07/11/2000
WESTFORK MAIN DAM	REYNOLDS	TR WEST FORK BLACK RIVER	CENTERVILLE	14.0	ASARCO	1992	Y		07/11/2000
LAWSON CITY LAKE DAM	RAY	BRUSHY CREEK		11.0	CITY OF LAWSON	1964	Y		01/24/2001
CRYSTAL LAKE DAM	RAY	FISHING RIVER		1.0	BOB MILLER	1968	Y		02/08/2001
WILLOW CREEK WTRSHD SITE A-1	RAY	WILLOW CREEK		2.0	WILLOW CREEK WTRSD SUBDS	1975	Y		01/27/1999
THOMAS HILL RESERVOIR DAM	RANDOLPH	MIDDLE FORK CHARITON RIVER		0.0	ASSOCIATED ELECTRIC CORP	1966	Y		05/17/2001
WEATHERBY LAKE DAM	PLATTE	RUSH CREEK		3.0	WEATHERBY LAKE IMPROVEMN	1936	Y		08/21/2001
LAKE WAUKOMIS DAM	PLATTE	TR LINE CREEK		0.0	LAKE WAUKOMIS HOME ASSN	1968	Y		01/23/2001
BOWLING GREEN DAM #2	PIKE	TR BUCKNER HOLLOW	MISSISSIPPI RIVER	11.0	CITY OF BOWLING GREEN	1990	Y		07/18/2000
BRAYS LAKE DAM	PHELPS	ABBOTT BRANCH-BEAVER CREEK		0.0	WARREN DEAN	1963	Y		10/27/1982
PORT PERRY DAM	PERRY	TR NATIONS CREEK		5.0	VINITA ARNOLD	1973	Y		02/16/2001
BEN BRANCH DAM	OSAGE	BEN BRANCH	LUYSTOWN	3.0	MO DEPT OF CONSERVATION	1984	Y		05/15/2000
LOST CREEK F-3	NEWTON	TR-LOST CREEK	SENECA	0.0	LOST CK WATERSHED SUBDIS	1977	Y		08/20/2001
LOUTRE VALLEY LAKE DAM	MONTGOMERY	TR-LOUTRE RIVER		16.0	LOUTRE VALLEY LAKE REC	1968	Y		02/27/2002
PINNACLE LAKE DAM	MONTGOMERY	PINNACLE CREEK		12.0	PINNACLE LAKE EST. ASSOC	1965	Y		09/24/2001
MANITO DAM	MONITEAU	LITTLE RICHLAND CREEK		0.0	MO DEPT OF CONSERVATION	1984	Y		11/30/1999
LAKE IMHOFF DAM	MONITEAU	TR LITTLE MONITEAU CK	MISSOURI RIVER	12.0	ROBERT E. IMHOFF	1988	Y		06/23/2000
LAKE MARIE DAM	MERCER	POPS BRANCH		9.0	SEAN REAMES	1976	Y		03/27/2001
TWIN LAKE DAM	MERCER	TR POPS BRANCH		1.0	DONALD GRAHAM	1972	Y		05/24/2001
BERNDT LAKE DAM	MERCER	POPS BRANCH		10.0	HUBERT BERNDT	1949	N		
MADISON LAKE MAIN DAM	MADISON	TR FORD CREEK - CALME CREEK		1.0	TR FORD CREEK TERRACE/THIM	1969	Y		12/11/2000

Query

Record: 5/199

Exclusive

Reservoir collapse raises Missouri safety concerns

Most dams are unregulated

High-hazard dams in Missouri

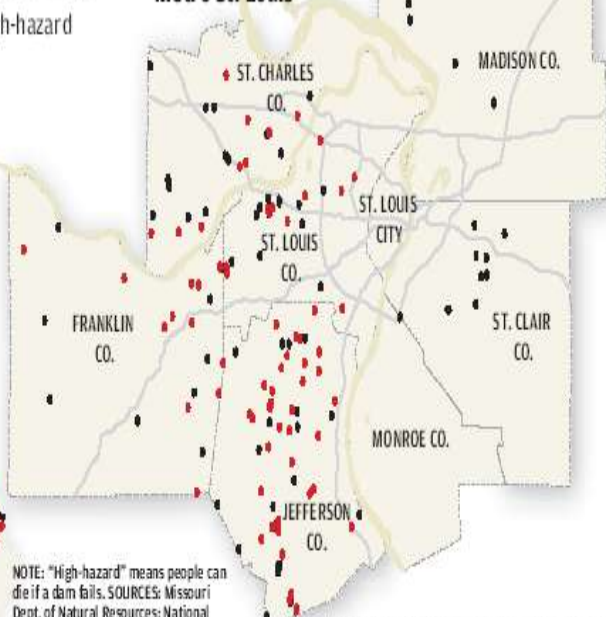
More than half of the state's 641 high-hazard dams are unregulated.

KEY ● Unregulated ● High hazard high hazard



NOTE: "High-hazard" means people can die if a dam fails. SOURCES: Missouri Dept. of Natural Resources; National Inventory of Dams

Metro St. Louis



SOURCE: News research by Jaimi Dowdell | Post-Dispatch

By Eric Hand and Todd Frankel
Data analysis by Jaimi Dowdell
ST. LOUIS POST-DISPATCH

Taum Sauk wasn't the one where you'd expect a problem.

The southeastern Missouri reservoir, which failed early Wednesday morning and spilled a billion gallons of water, had an emergency action plan. It was inspected regularly. It got a new rubber lining in 2004.

The same can't be said for hundreds of dams in Missouri and Illinois. Many need repairs badly. They lack plans for handling emergencies. And they are regulated by cash-strapped state offices that make intermittent in-

spections and depend on the willingness of private owners to make repairs.

"We're spread pretty thin," said James Alexander, chief engineer for the Missouri dam safety office, which has only five employees.

Of the state's 641 dams labeled "high hazard" — meaning a potential loss of life after a failure — more than half are not regulated. That means they are not overseen or inspected by the state or federal governments.

Jefferson County alone has 40 unregulated high-hazard dams, more than any other county in Missouri.

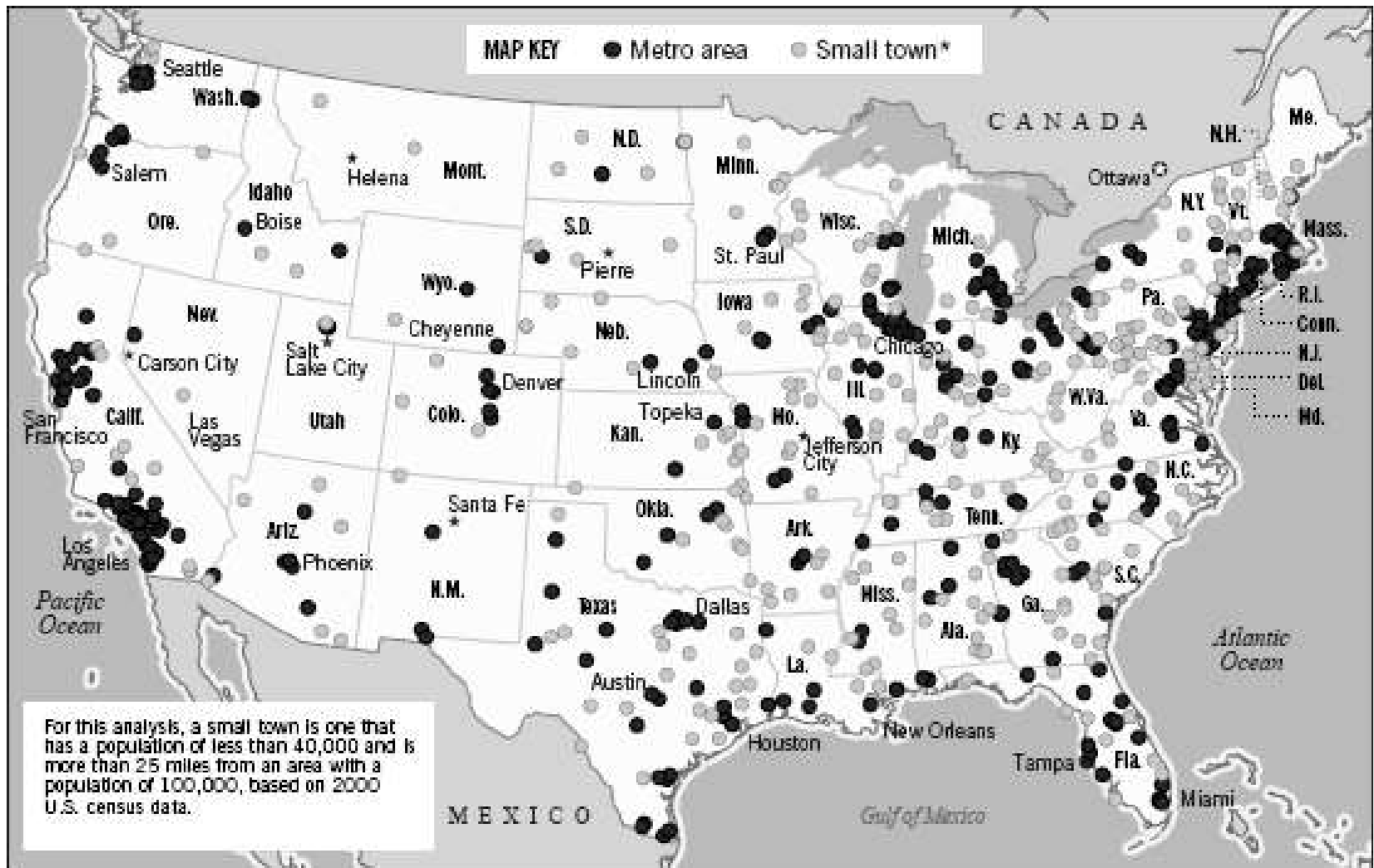
PLEASE SEE **DAMS** | **A15**

Mapping

- Creates simple visual representation of data
- Naturally and easily translates to graphics for both print and online use
- Compare and analyze two unlike sets of data whose only commonality is geography

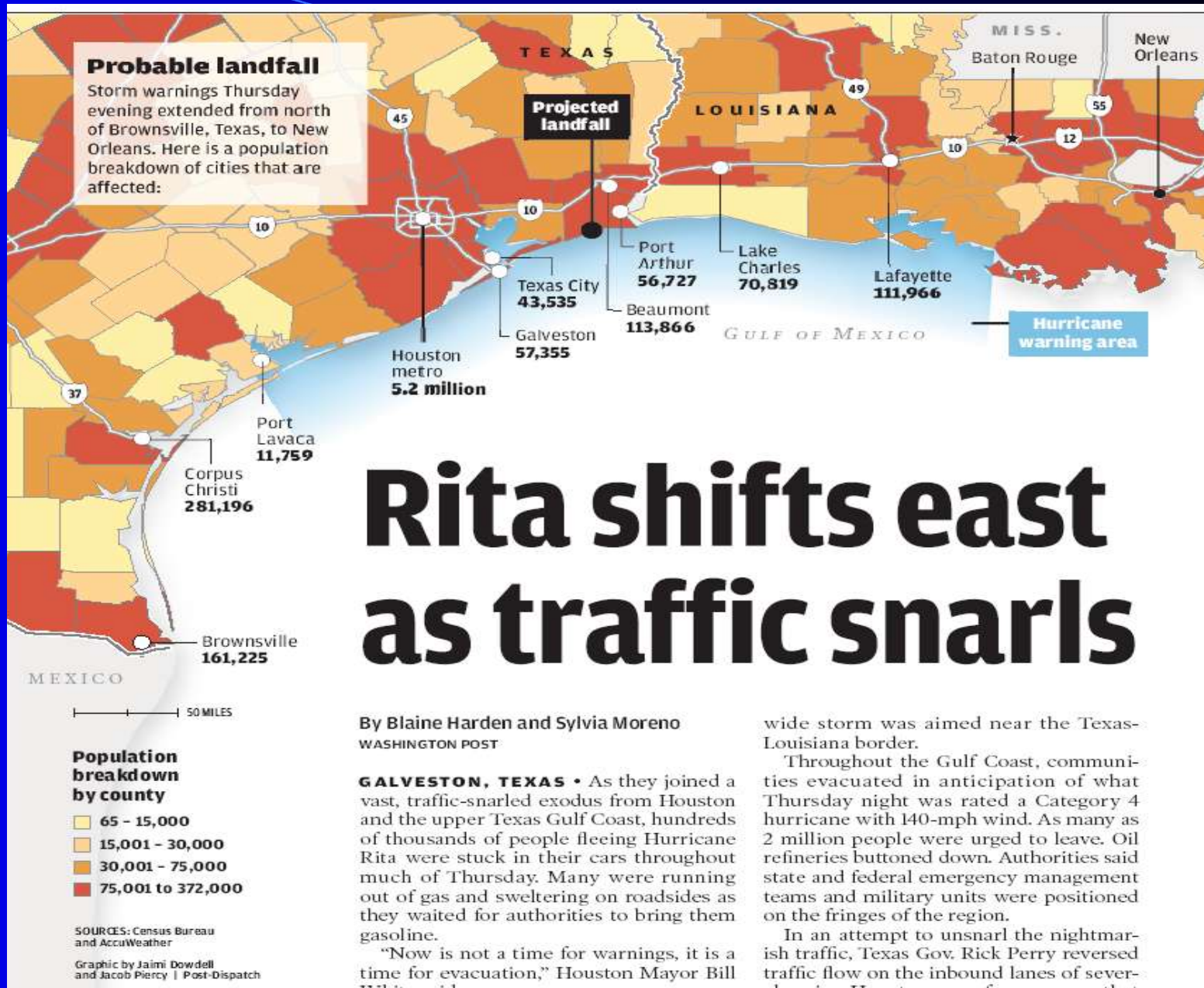
Hometowns of U.S. troops who have died in Iraq

Nearly half of the nearly 800 military personnel killed in the war in Iraq were from small towns outside of metropolitan areas. The map below shows each of the hometowns of those killed who lived in the continental United States.



Source: U.S. Department of Defense

GEOSPATIAL ANALYSIS BY CHARLES ARMS AND GRAPHIC BY JACOB PIERCY / POST-DISPATCH



Rita shifts east as traffic snarls

By Blaine Harden and Sylvia Moreno
WASHINGTON POST

GALVESTON, TEXAS • As they joined a vast, traffic-snarled exodus from Houston and the upper Texas Gulf Coast, hundreds of thousands of people fleeing Hurricane Rita were stuck in their cars throughout much of Thursday. Many were running out of gas and sweltering on roadsides as they waited for authorities to bring them gasoline.

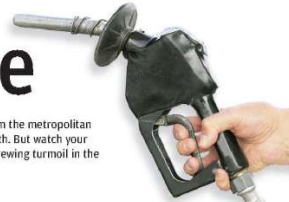
"Now is not a time for warnings, it is a time for evacuation," Houston Mayor Bill White said.

wide storm was aimed near the Texas-Louisiana border.

Throughout the Gulf Coast, communities evacuated in anticipation of what Thursday night was rated a Category 4 hurricane with 140-mph wind. As many as 2 million people were urged to leave. Oil refineries buttoned down. Authorities said state and federal emergency management teams and military units were positioned on the fringes of the region.

In an attempt to unsnarl the nightmarish traffic, Texas Gov. Rick Perry reversed traffic flow on the inbound lanes of several major Houston-area freeways so that

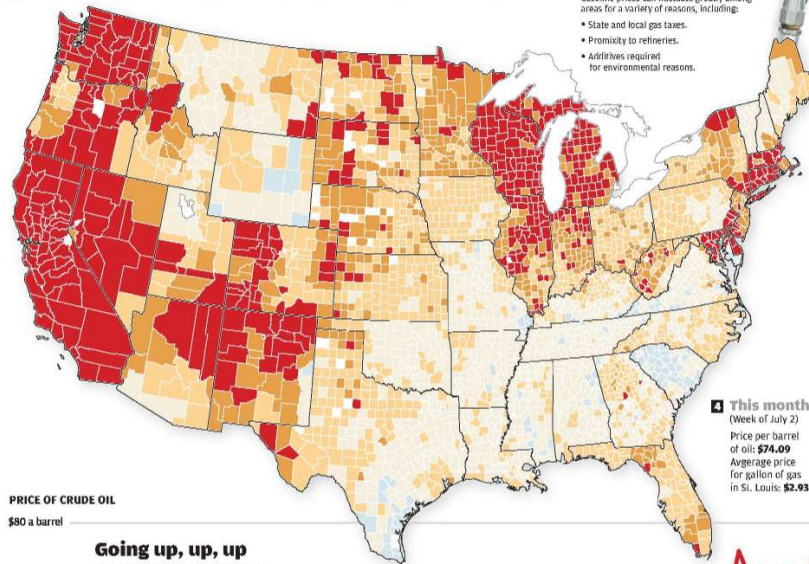
No place like home



Are you driving somewhere on your summer vacation? If so, here's hoping you won't be straying too far from the metropolitan area. Gasoline prices in most of our southern and western neighbors are still below \$2.85 a gallon this month. But watch your wallet if you're headed to the upper Midwest or West Coast, where prices are above \$3 a gallon. And with brewing turmoil in the Middle East, prices may climb even higher.

PRICE FOR A GALLON OF GAS BY COUNTY

■ More than \$3.00
 ■ \$3.00 to \$2.96
 ■ \$2.95 to \$2.86
 ■ \$2.85 to \$2.75
 ■ Less than \$2.75
 No data



Gasoline prices can fluctuate greatly among areas for a variety of reasons, including:

- State and local gas taxes.
- Proximity to refineries.
- Additives required for environmental reasons.

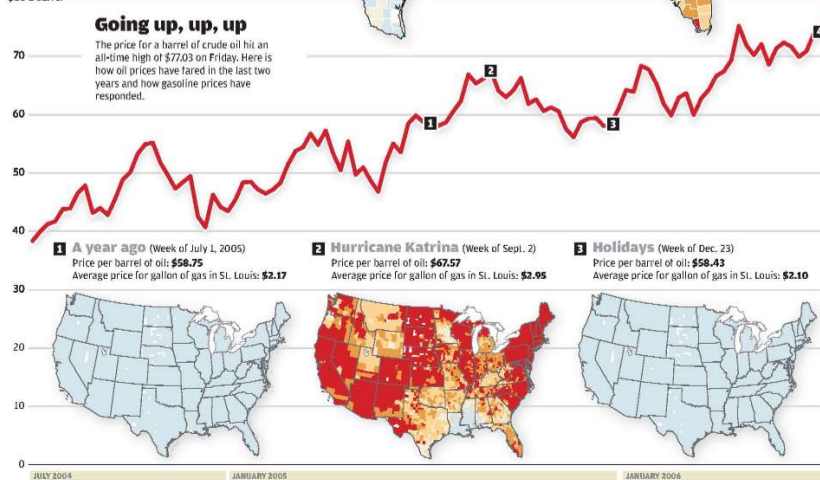
4 This month
(Week of July 2)
Price per barrel of oil: **\$74.09**
Average price for gallon of gas in St. Louis: **\$2.93**

PRICE OF CRUDE OIL

\$80 a barrel

Going up, up, up

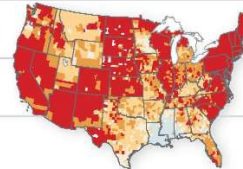
The price for a barrel of crude oil hit an all-time high of \$77.03 on Friday. Here is how oil prices have fared in the last two years and how gasoline prices have responded.



1 A year ago (Week of July 1, 2004)
Price per barrel of oil: **\$58.75**
Average price for gallon of gas in St. Louis: **\$2.17**

2 Hurricane Katrina (Week of Sept. 2)
Price per barrel of oil: **\$67.57**
Average price for gallon of gas in St. Louis: **\$2.95**

3 Holidays (Week of Dec. 23)
Price per barrel of oil: **\$58.43**
Average price for gallon of gas in St. Louis: **\$2.10**



JULY 2004

JANUARY 2005

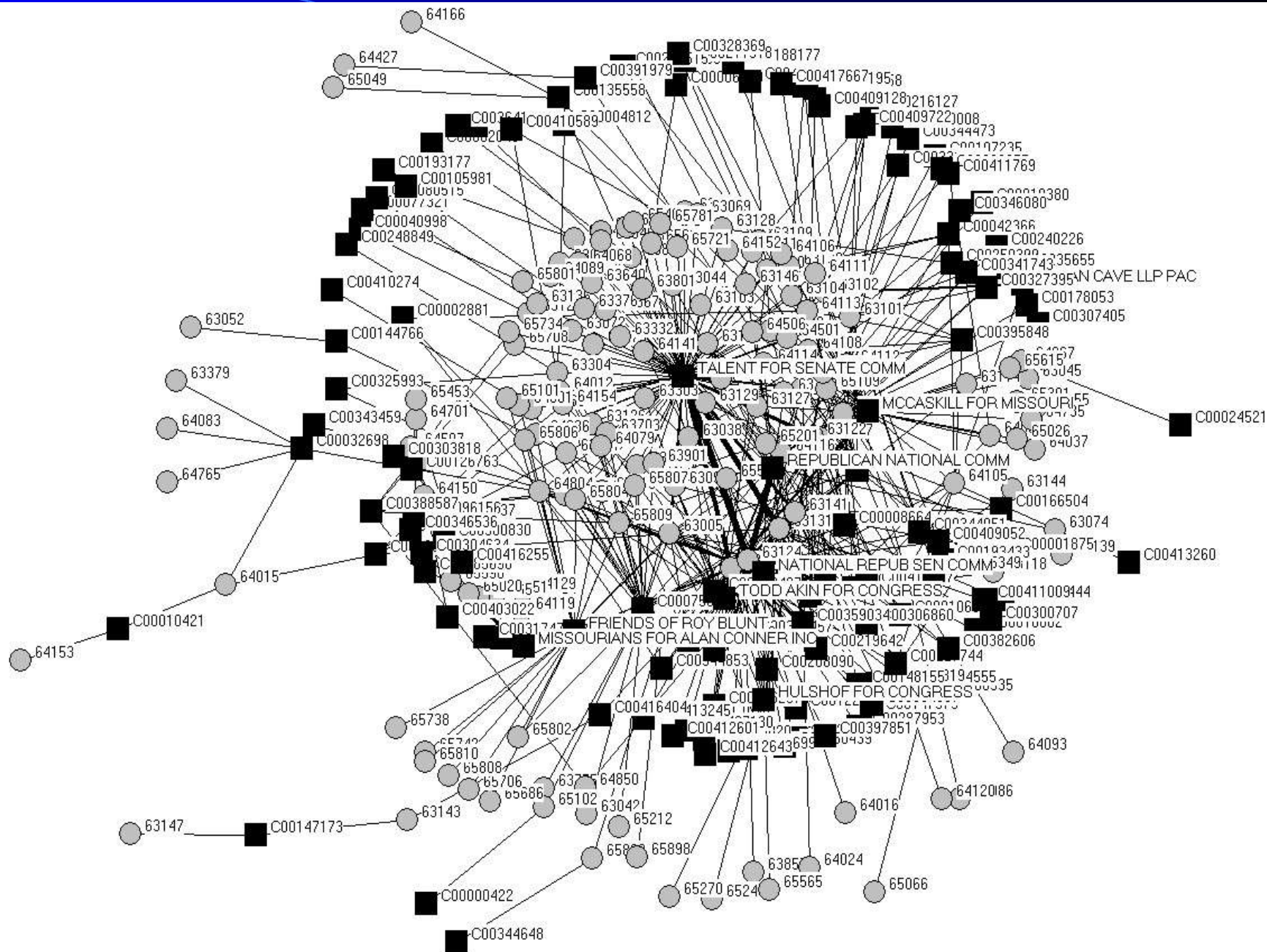
JANUARY 2006

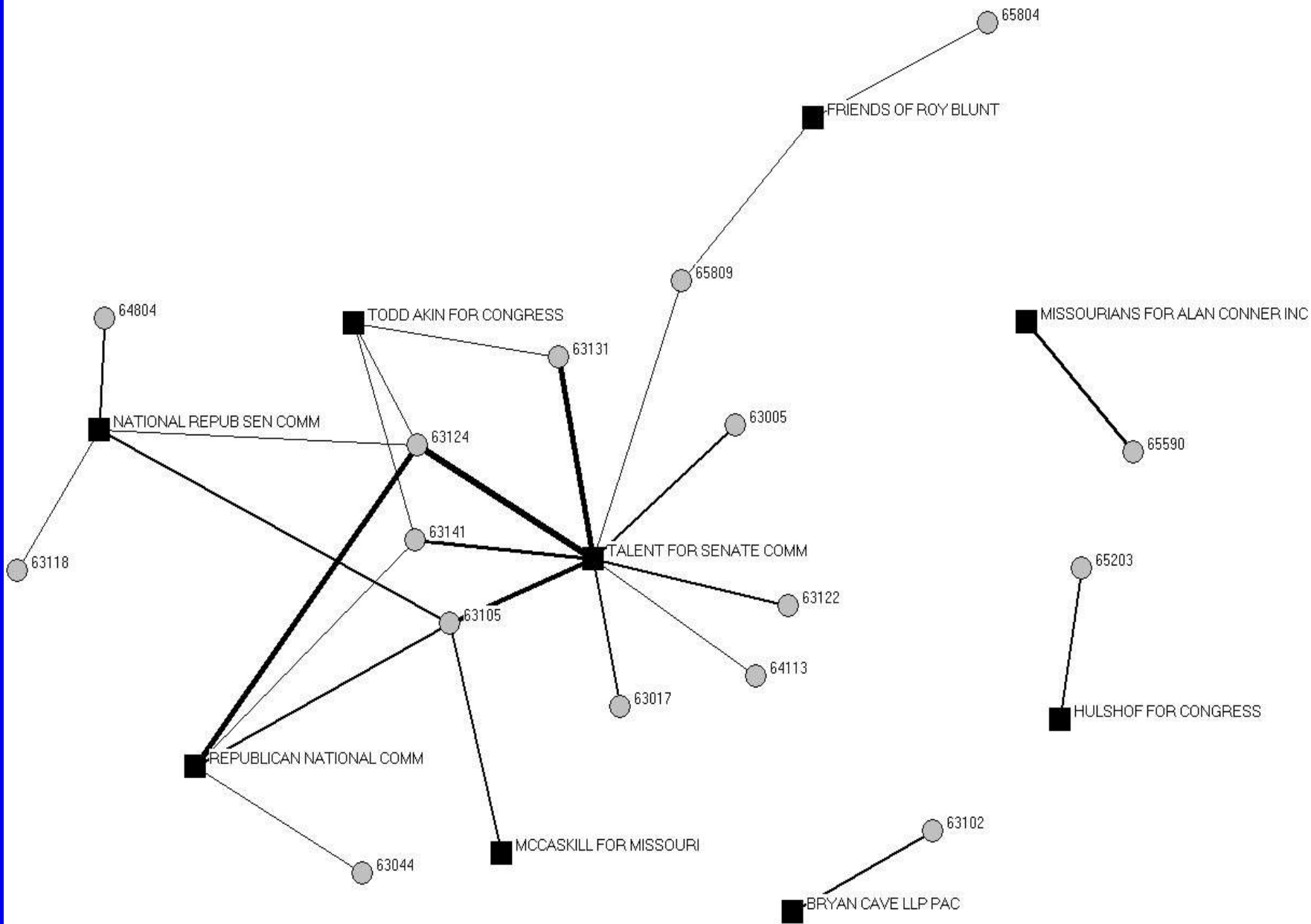
SOURCES: Oil Price Information Service and Bloomberg News

Research and data analysis by Jamie Dowrick; Graphics by Jacob Perry; J. Pospisil

Social Network Analysis

- filter data in a new way – clear out the noise
- visualize connections
- analyze relationships
- discover potential sources of power
- find new ways to look at the same old stories

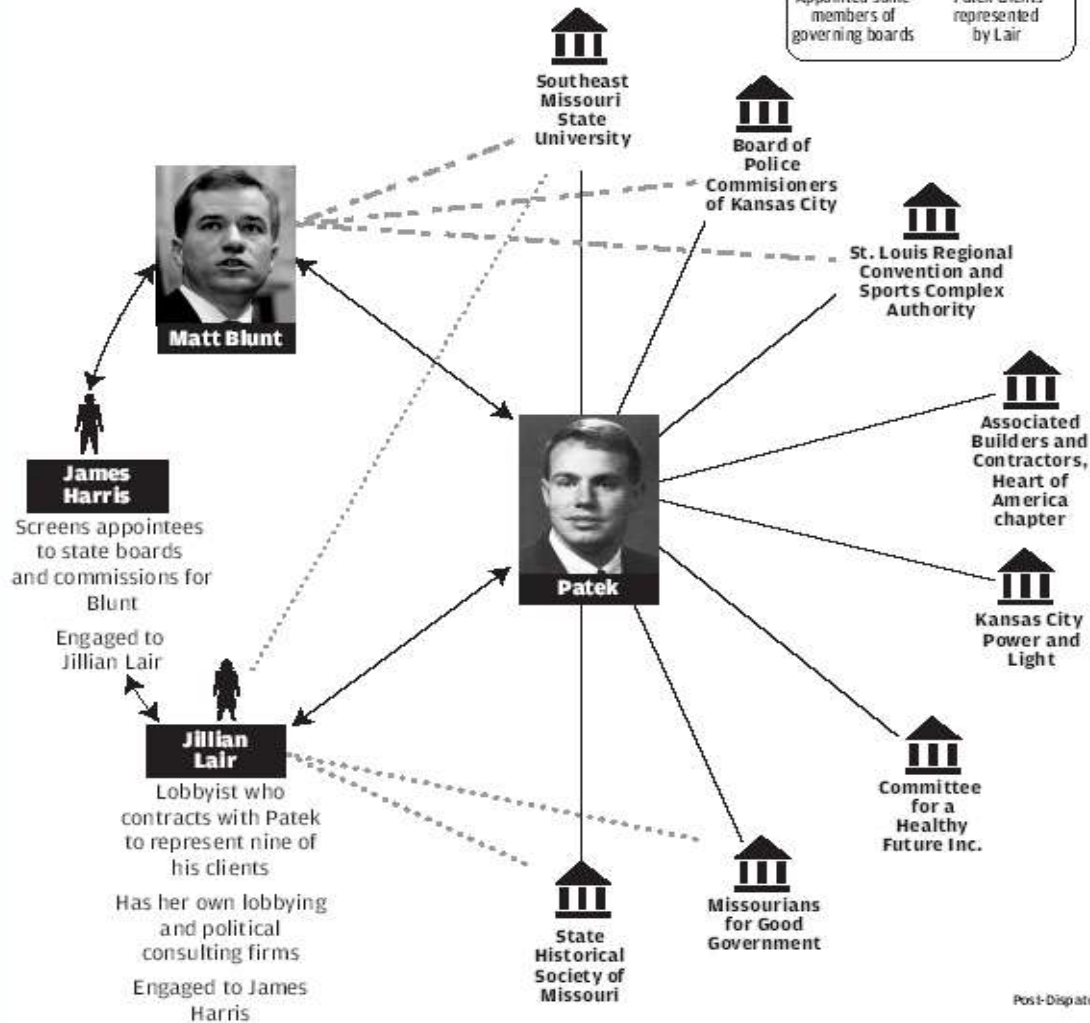




A prominent lobbyist and his connections

Jewell Patek served in the House with Matt Blunt. Patek was an aide to Blunt when Blunt was secretary of state. Patek now is a lobbyist with 25 corporate, governmental and nonprofit clients. He also has a political consulting firm that has raised money for Blunt's campaign. Democrats suspect that Blunt is steering clients to Patek's firm, an accusation that Blunt denies.

KEY



Survey Results

- 70% are not comfortable with spreadsheets
- 75% are not comfortable with databases
- 60% not comfortable downloading data
- 75% not comfortable negotiating for data
- 80% not comfortable with data analysis
- 80% DO use News Research ☺

Skills Chart





