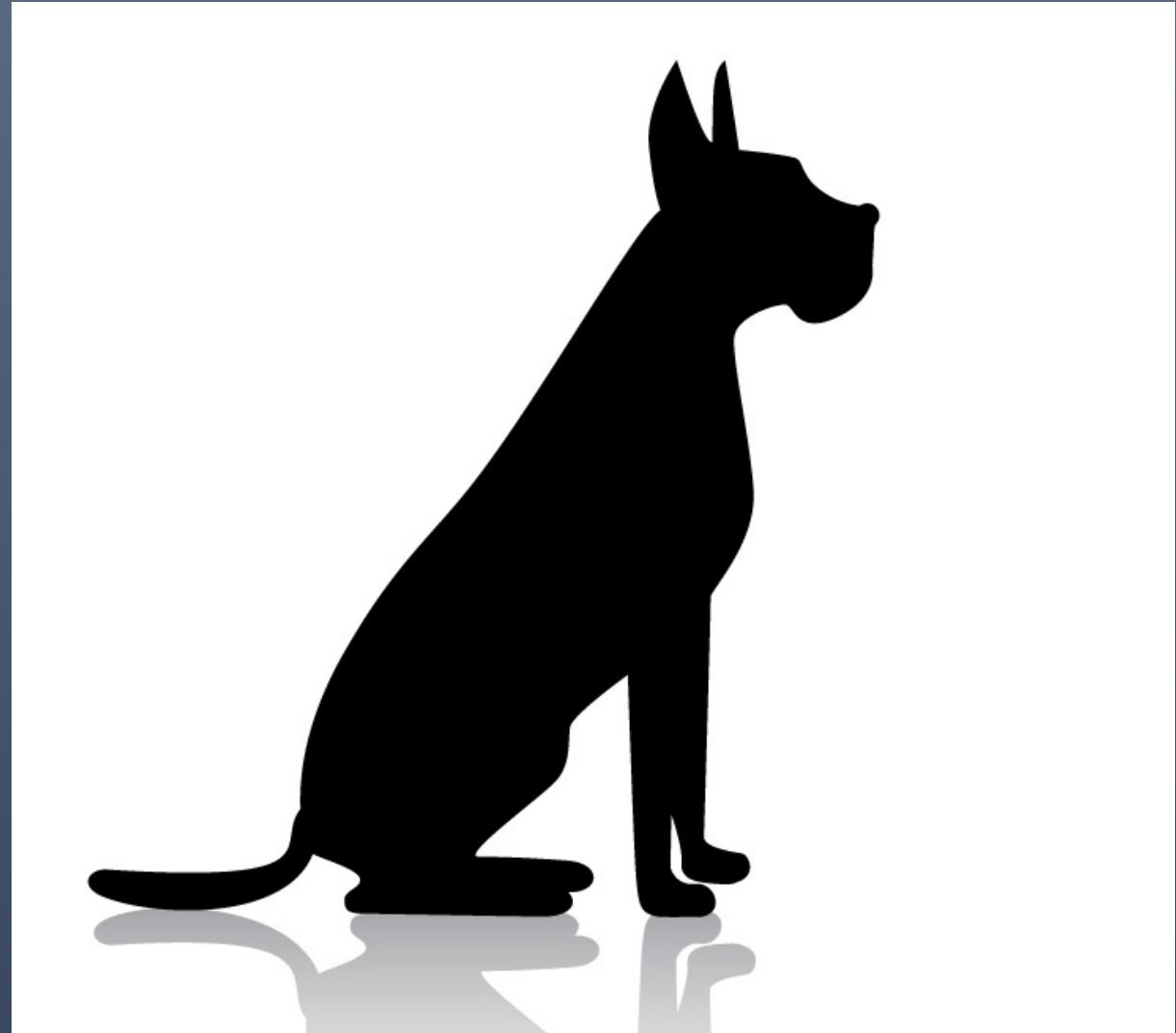


# Empirical journalism

... or, Becoming a Better Watchdog

Sarah Cohen  
Walter Cronkite School of Journalism



# What is data journalism?

# da·ta

/'dædə, 'dādə/ 🔍

*noun*

facts and statistics collected together for reference or analysis.

*synonyms:* facts, figures, **statistics**, details, particulars, specifics; **information**, **intelligence**, **material**, **input**; *informal* **info**

"a lack of data on the drug's side effects"

- **COMPUTING**

the quantities, characters, or symbols on which operations are performed by a computer, being stored and transmitted in the form of electrical signals and recorded on magnetic, optical, or mechanical recording media.

- **PHILOSOPHY**

things known or assumed as facts, making the basis of reasoning or calculation.

Transla

## What is journalism?

Journalism is the activity of gathering, assessing, creating, and presenting news and information. It is also the product of these activities.

## DATA JOURNALISM AWARDS 2017 WINNING PROJECTS



Data Visualisation of the Year

The Rhymes Behind Hamilton, The Wall Street Journal, United States

## Investigation of the year

Unfounded. The Globe and Mail, Canada

## News Data App of the Year

Electionland, ProPublica and The Electionland Coalition, United States

Open Data

Database of Assets of Serbian Politicians, Crime and Corruption Reporting Network – KRIK, Serbia

## Data Journalism Website of the Year

Rutas del Conflicto, Rutas del Conflicto, Colombia

The Chartbeat award for the best use of data in a breaking news story, within first 36 hours

## Fact Check: Trump And Clinton Debate For The First Time, NPR / NPR Visuals & NPR Politics, United States

## Best Individual Portfolio

John Burn-Murdoch, Financial Times, United Kingdom

## Best Team Portfolio

Berliner Morgenpost Interactive team, Germany

## Student and young data journalist of the year

Yaryna Serkez for portfolio, New York Times et al, Ukraine

## Small newsroom

Crime in Context, The Marshall Project, United States

## Small newsroom

Ctrl+X, Abraji – Brazilian Association for Investigative Journalism,  
Brazil

Public choice

"Researchers bet on mass medication to wipe out malaria in Lake Victoria Region" by Nation Media Group in Kenya

# Storytelling with data

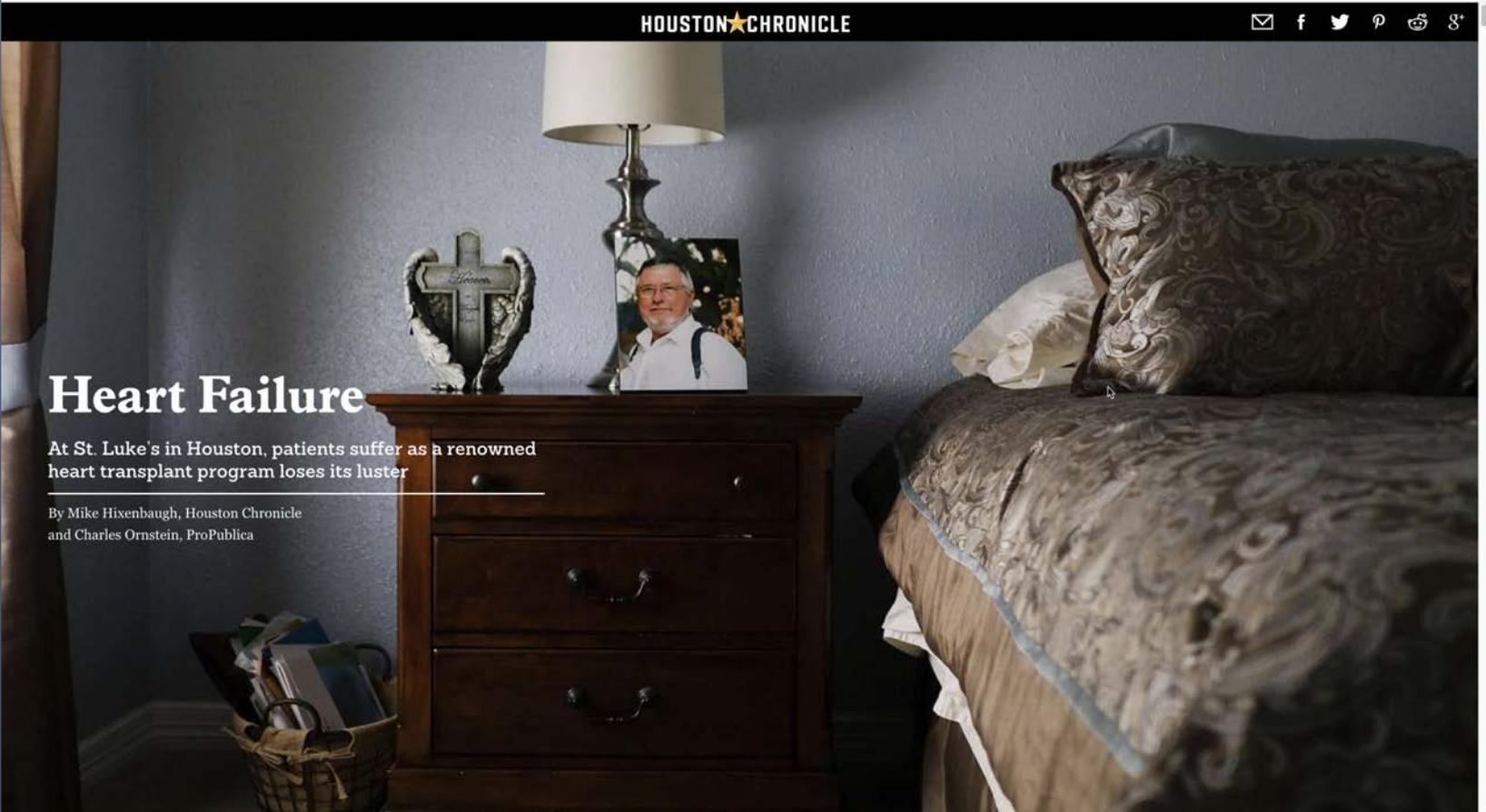
- Writing about data
- News applications / data as journalism
- Data visualization

# Reporting with data

- Precision journalism / empirical journalism
- Computer-assisted reporting
- Analyzing documents and records at scale

# Why data?

*Because you  
want better  
questions for  
your sources*



*Because officials  
won't engage or  
answer your  
calls*

CDC cracks down on communications with  
reporters

SE  
**AXIOS**



*Because you want  
anecdotes AND  
evidence*

DOW JONES, A NEWS CORP COMPANY ▾

DJIA 24706.41 -0.78% ▾ S&P 500 2711.45 -0.68% ▾ Nasdaq 7351.63 -0.81% ▾ U.S. 10 Yr -21/32 Yield 3.078% ▾ Crude Oil 70.95 -0.50%

# THE WALL STREET JOURNAL.

U.S. Edition | May 15, 2018 | Today's Paper | Video

Home | World | U.S. | Politics | Economy | Business | Tech | Markets | Opinion | Life & Arts | Real Estate | WSJ. Magazine

BUSINESS Why Empty Seats at Taylor Swift's Concerts Are Good for Business

OPINION What Interest Do Health GPOs Really Serve?

U.S. NEWS A Crime Problem on the Upper West Side: Shoplifting at Duane ...

WSJ Where Graduates Move After College

**U.S.**

## Taxpayers Face Big Medicare Tab for Unusual Doctor Billings

More Than 2,300 Providers Earned \$500,000 or More From a Single Procedure or Service, Data Show

By John Carreyrou, Christopher S. Stewart and Rob Barry

161 COMMENTS

June 9, 2014 10:00 p.m. ET

Ronald S. Weaver isn't a cardiologist. Yet 98% of the \$2.3 million that the Los Angeles doctor's practice received from Medicare in 2012 was for a cardiac procedure, according to recently released government data.



**Ronald S. Weaver**  
Los Angeles internist  
**Received \$2.27 million from Medicare in 2012 for 'enhanced external counterpulsation'**

Most Popular

1. Clash, Embassies Leave
2. Drawing Health With F
3. Two T Are Co Nafta
4. A Con Malay Minist Mohan
5. What Trade Worke

*Because records are  
contemporaneous  
and don't forget*



*Because  
government is good  
at vacuuming  
information with no  
time to analyze it*

The screenshot shows the Arizona Department of Health Services (ADHS) website. The header features the ADHS logo and the tagline "Health and Wellness for All Arizonans". A navigation bar includes links for HOME, AUDIENCES, TOPICS, DIVISIONS, and A-Z INDEX, along with a Google Custom Search bar and a search icon.

The main content area is titled "Arizona Immunization Program". Below it, a breadcrumb trail shows the path: ADHS Home / Public Health Preparedness / Epidemiology & Disease Control / Arizona Immunization Program - Statistics & Reports - Immunization Coverage Levels.

A sidebar on the left contains links for Home, Get Vaccinated (Child Care, School & College; Vaccines for Children (VFC); Healthcare Professionals; ASIIS), Get your Immunization Records with MyIR, AIPO Train - Provider Training, and Statistics & Reports (with a dropdown menu showing Home, Immunization Coverage Levels, and National Immunization Survey). The "Immunization Coverage Levels" link is highlighted in red.

The main content area has a title "Statistics & Reports - Immunization Coverage Levels" and a sub-section titled "Trends in Immunizations" featuring a megaphone icon.

Text in the main content area explains that immunization data is obtained through the annual Immunization Data Report, which is a self-report survey required from schools each year. It assesses coverage and exemption data for grades: Child care/Preschool; Kindergarten; and 6th grade.

Below this, a list of links includes "Search Immunization Coverage Levels by County or School (2010 - present)" and "Trends in Immunizations".

A section titled "Immunization Coverage Level Summaries" is shown for the 2016-2017 school year, listing links for "Arizona Reporting Schools Coverage", "County Kindergarten Coverage", "Kindergarten Measles Coverage", "County 6th Grade Coverage", and "School Measles".

*Because no  
one else will  
count*

JOURNAL SENTINEL



A JOURNAL SENTINEL WATCHDOG REPORT

## Deadly Delays

The nation's newborn screening programs depend on speed and science to save babies from rare diseases. But thousands of hospitals fall short, deadly delays are ignored and failures are hidden from public view — while babies and their families suffer.

Published Nov. 16, 2013

Delays at hospitals across country  
undermine newborn screening programs



Interactive: See how states compare and search for problem hospitals



Colton Hidde: Testing delay puts newborn's life in jeopardy



Lack of weekend lab hours adds to delay, putting babies at risk

*Because it  
sometimes really  
isn't a few bad  
apples*



*Because we want to report on what officials and institutions do, not what they say*



One by one, nearly all the state psychiatric hospitals were boarded up or bulldozed, but Massachusetts leaders broke their promise to replace them with something better — or much of anything at all. The failed mental health care system has led to a public safety crisis, including scores of murders by disturbed people, police shootings, and embattled institutions from courts to hospitals confronting a tidal wave of mentally ill people.



*Because,  
well,  
dogs*

# The Yorkie's Dominance: We Analyzed Every Dog Registration in New York

Downtown poodles. Uptown pit bulls.

A Xoloitzcuintli on the block. To understand  
New York real estate, follow Fido.

By STEFANOS CHEN FEB. 10, 2018



As old as the republic

TRUTH WILL OUT!

THE FOUL CHARGES

OF THE

TORIES

AGAINST THE

*EDITOR* of the *AURORA*

REPelled by POSITIVE PROOF and PLAIN TRUTH.

AND

HIS BASE CALUMNIATORS PUT TO SHAME;

Benj. F. Bache

[Price—Two Cents.]

SURGO UT PROSIM

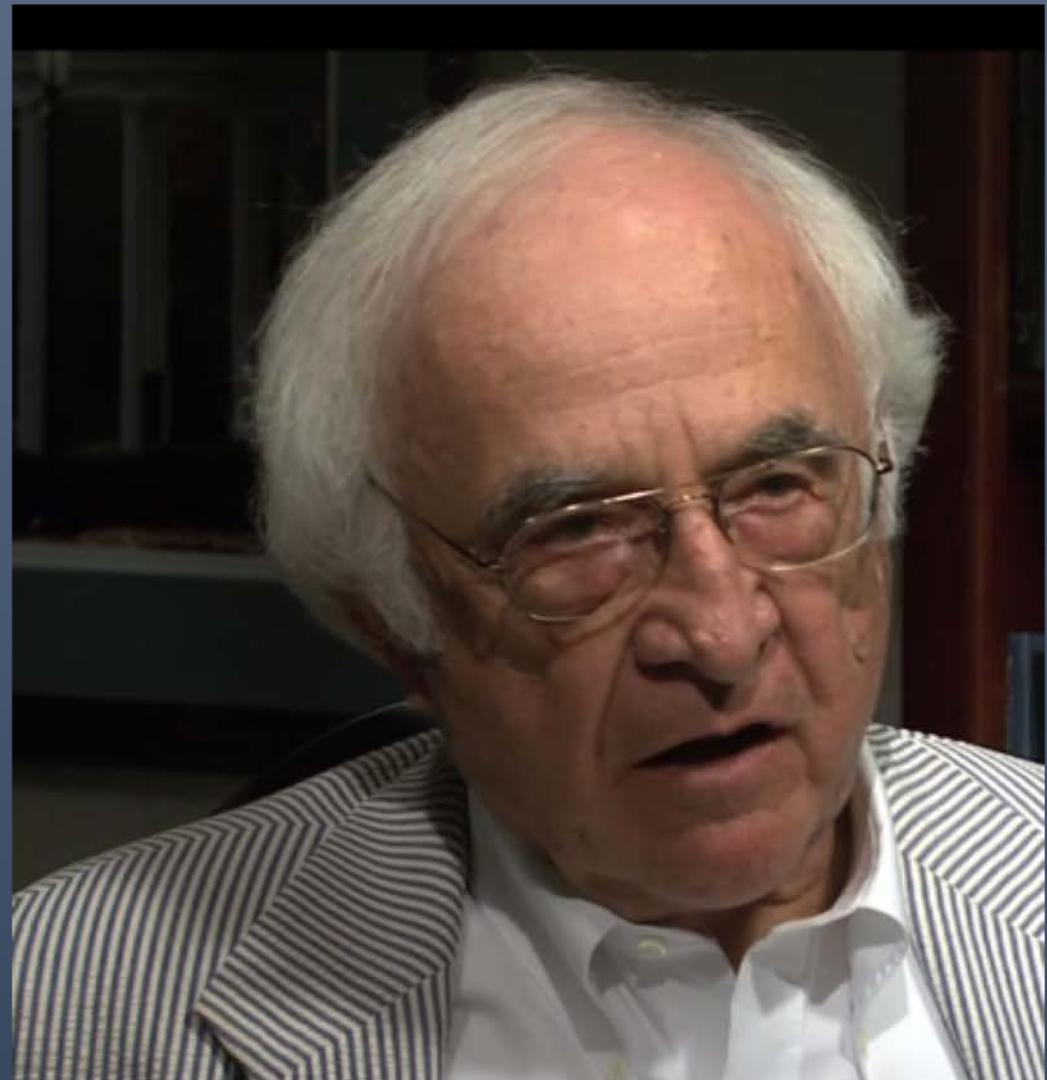
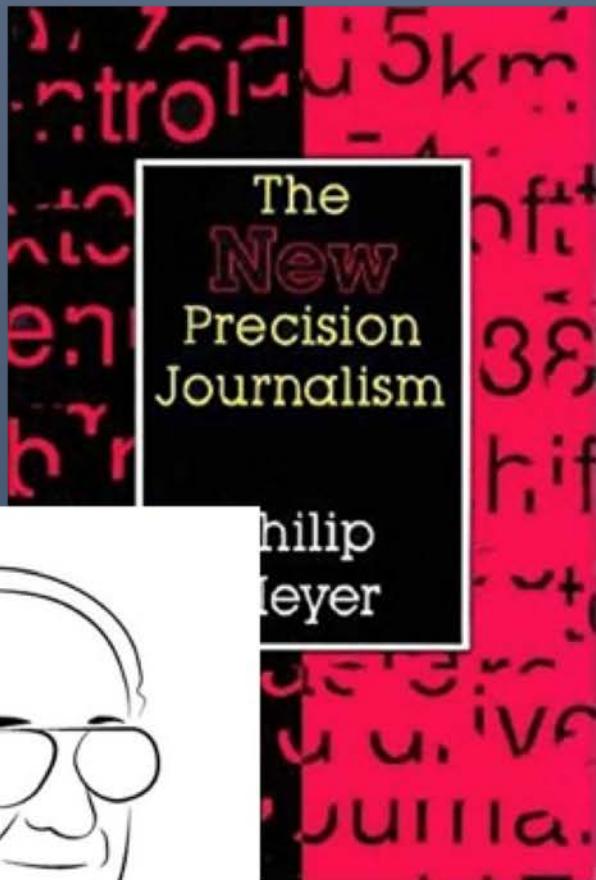
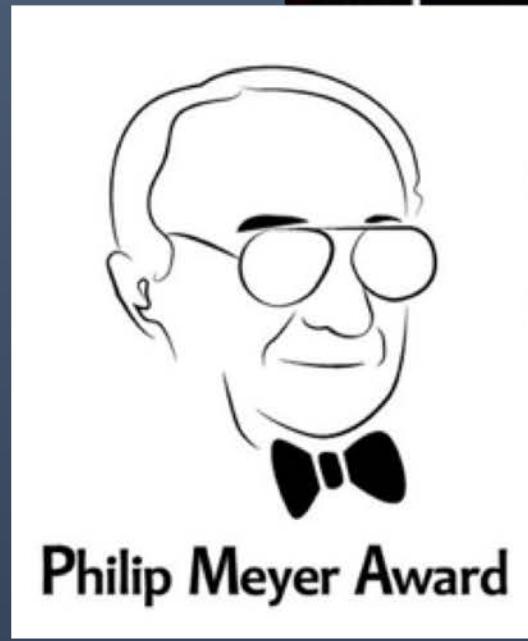
AURORA  
AND  
GENERAL ADVERTISER  
BENJ. FRANKLIN BACHE  
PUBLISHER  
NO. 112, MARKET-STREET



*Frank Leslie's  
Illustrated Weekly  
swill milk  
investigation, 1858*



# *Precision journalism*



# Original reporting with data

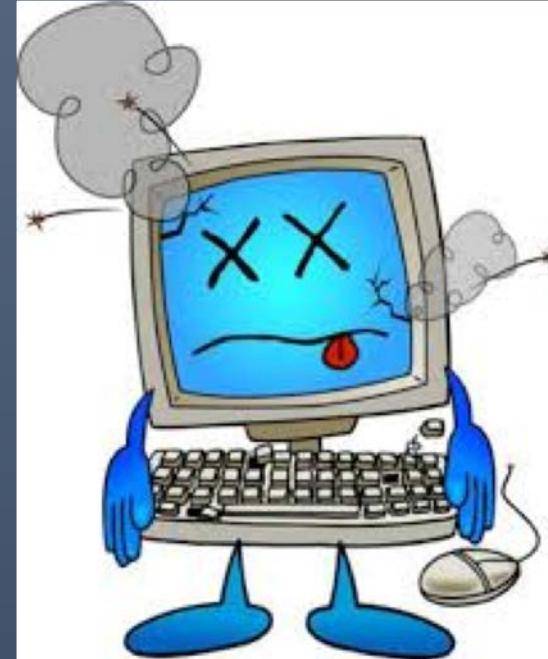
# What computers do

- Store stuff
- Give you back stuff you stored
- Sort, count and match
- Repeat your instructions over and over
- Help you with some math



# What computers don't do

- Ask questions
- Get ideas
- Think
- Feel
- See
- Understand right from wrong



(They also don't complain when you ask too many questions)



## Welcome to the party. The New York City block party.

For some, however, the idea of a block party is a New York City relic.

"I think they are dying," Elander Williams said at a block party in Bedford-Stuyvesant. "We have very little participation. The kids are growing up and the new generation are not interested in having block parties."

In the last 10 years the number of permits the city has issued for block parties has been steadily decreasing. There were 537 fewer permitted block parties this year between June 1 and Sept. 1, than in 2009, when 1,848 permits were issued during that same period. That could be because more people are having block parties without the city's permission or because fewer blocks are throwing them.

### Methodology

We used [NYC Open Data](#) to find the time and place of all permits for block parties in New York City. After mapping the locations for the permits filed for this summer, we sent 20 photographers out across the five boroughs over three weekends in August. They filed from a total of 65 block parties.

Our historical data went back 10 years, and we narrowed those numbers to look only at block parties held between June 1 and Sept. 1 of each year.

# Finding stories and examples: scraping Armslist.com

The New York Times

BEARING ARMS

## Seeking Gun or Selling One, Web Is a Land of Few Rules



Heather Charles/Chik

Theresa O'Rourke talked about her friend Jitka Vesel, shown at right in photograph behind her. N was killed by Dmitry Smirnov, who was stalking her and bought a gun online.

By MICHAEL LUO, MIKE McINTIRE and GRIFF PALMER  
Published: April 17, 2013 | 371 Comments

The want ads posted by the anonymous buyer on Armslist.com, a sprawling free classified ads Web site for guns, telegraphed urgency.

### Bearing Arms

Articles in this series examine the gun industry's influence and the wide availability of firearms in America.

Previous Articles:

Seeking Gun or Selling One, Web Is a Land of Few Rules

In Some States, Gun Rights Trump Orders of Protection

Feb. 20: " I Got 250 cash for a good handgun something.reliable."

Feb. 27: " I got 200 250 cashlooking for a good handgun please let me know what u got."

Feb. 28: " Looking to buy some 9 mm ammo and not at a crazy price."

FOR SALE: WTS/WTT 300 BLACKOUT PISTOL, 300 BLACKOUT NOVESKI AR, REMINGTON/AAC SD 300 BLACKOUT, AAC MICRO 7

Price: \$ 2,550  
Seller: Private Party  
[Listings by this user](#)

Listed On: Saturday, June 29, 2013  
Listed In: Handguns  
Location: Springfield, Springfield, Missouri - Map

[Flag](#) | [Edit](#) | [Favorite](#)

[Contact Seller](#)

[FACE](#)

[TWITI](#)

[GOOG](#)

[SAVE](#)

[E-MAI](#)

[SHAR](#)

[PRINT](#)

[REPR](#)

As new Noveski factor built 300 Blackout rifle, fired 60 rounds to function test since new, 16" stainless match barrel.

- 1.Larue front and rear folding backup iron sights
- 2.BCM gunfighter charging handle
- 3.AAC S1T flash hider
- 4.Magpul MIAD grip and stock
- 5.Troy Single point sling mount
- 6.Hard chrome bolt/carrier
- 7.Surefire 900V, LED/IR with white navigation lights
- 8.Aimpoint T1 micro sight, 4MOA, Larue tall throw lever mount
- 9.1 P Mag

THE WAY WAY BACK

Comparing outcomes using government records to find disparities

Documenting racial profiling in police work is devilishly difficult, because a multitude of factors — including elevated violent crime rates in many black neighborhoods — makes it hard to tease out evidence of bias from other influences. But an analysis by The New York Times of tens of thousands of traffic stops and years of arrest data in this racially mixed city of 280,000 uncovered wide racial differences in measure after measure of police conduct.

## *The Disproportionate Risks of Driving While Black*

An examination of traffic stops and arrests in Greensboro, N.C., uncovered wide racial differences in measure after measure of police conduct.



**Today:** Partly sunny, breezy.  
High 53. Low 30.  
**Saturday:** Partly sunny.  
High 45. Low 29.

Details, B10

130TH YEAR NO. 122 S DC MD

# The Washington Post

FRIDAY, APRIL 6, 2007

**DISTRICT &  
MARYLAND  
HOME EDITION**

35¢

Prices may vary in areas outside metropolitan  
Washington. (See box on A2)

Mo Mo Mo Vi Vi Vi

## Fairfax Man Whose Son Killed Police Is Arrested

*Father Possessed Guns Illegally, Charges Say*

By JERRY MARKON and TOM JACKMAN  
*Washington Post Staff Writers*

The father of the teenager who killed two Fairfax County police officers outside a police station last year was charged yesterday with illegally helping his son obtain the arsenal of guns used in the rampage, including an AK-47 assault rifle.

Brian Kennedy, 50, who lives in Centreville near the Sully District police station, is accused of lying on federal forms to obtain the AK-47 and illegally possessing the six other guns that his mentally troubled son, Michael, took to the station in May. Michael Kennedy, 18, fired more than 70 rounds that day before police mortally wounded him.

A 21-page indictment, unsealed late yesterday in U.S. District Court in Alexandria, portrays a family caught up in a world of guns and drugs. It alleges that Brian Kennedy smoked marijuana with his son and his son's teenage friends and that Michael Kennedy's mother, Margaret, took the teens to a shooting range to practice firing assault rifles.

Authorities found guns and marijuana throughout the family's home, and the indictment quotes Brian Kennedy as telling a friend that the 7.8 grams of marijuana police found in a wooden box in the living room was "chump change."

Kennedy was arrested late yesterday at



In 2003, the Agriculture Department gave a \$1.95 million loan to help rebuild a Cape Cod pier. Provincetown, Mass., a village with soaring property values and moderate taxes, says that "the business of the harbor is now largely related to tourism."

## Rural Aid Goes to Urban Areas

*USDA Development Program Helps Suburbs, Resort Cities*

By GILBERT M. GAUL  
and SARAH COHEN  
*Washington Post Staff Writers*

PROVINCETOWN, Mass. — In a few

backwoods areas that were isolated and poor, struggling to keep their heads above water.

"Provincetown is many things to many people, and to USDA we're rural," said



## Hussein's Prewar Ties To Al-Qaeda Discounted

*Pentagon Report Says Contacts Were Limited*

By R. JEFFREY SMITH  
*Washington Post Staff Writer*

Captured Iraqi documents and intelligence interrogations of Saddam Hussein and two former aides "all confirmed" that Hussein's regime was not directly cooperating with al-Qaeda before the U.S. invasion of Iraq, according to a declassified Defense De-

"Provincetown is many things to many people, and to USDA, we're rural...We'll take it

...under the direction of Abu Musab al-Zarqawi, the terrorist killed last June.

"This is al-Qaeda operating in Iraq," Cheney told Limbaugh's listeners about Zarqawi, who he said had "led the charge for Iraq." Cheney cited the alleged history to illustrate his argument that withdrawing U.S. forces from Iraq would "play right into

Public records as a base for data-driven reporting

## **FOIA IS**

- A law created to ensure public access to government-held documents and other artifacts of government activities
- A formal process to obtain records

## **FOIA IS NOT**

- The right to “information” or answers to questions
- Efficient
- A well understood or consistently administered law

Court records are *almost* public and require no request , except when you want databases of court records (one of the most useful databases around)

- Lawsuits (state civil)
- Felony prosecutions (state criminal)
- Divorce (family)
- Wills (probate)
- Traffic infractions (city or county court)



*\*Immigration offenses and lawsuits against the federal government, for example, are handled in federal court, not state courts.*

**Public Records – Overview**

Search ... 

**Arizona's Public Records Law**

Arizona law requires all officers and public bodies to maintain records reasonably necessary to provide an accurate accounting of their official activities and of any government funded activities.

Records are defined as books, papers, maps, photographs, or other documentary materials regardless of physical form or characteristics, made or received by an governmental agency in pursuance of law or in connection with the transaction of public business and preserved by the agency or its legitimate successor as evidence of the organization, functions, policies, decisions, procedures, operations, or other activities of government. Examples of public records and other matters include calendars, reports, legal memoranda, policies and procedures, accident reports, training videos and materials, tape recordings of meetings where there are no written minutes, personnel records, case files, and data bases.

**PENDING LEGISLATION**

**PUBLICATIONS**

-  [Ombudsman Public Records Booklet](#)
-  [Arizona Agency Handbook – Chapter 6 \(Index of Records Confidential by Statute](#) is Located in Appendix 6.1 and 6.2, p. 16)
- [Attorney General Opinions: 1999 to present](#)
- [Attorney General Opinions prior to 1999](#)
- [Opinion No: I13-012 \(R13-018\), Re: Charging Copying Fees Under Arizona's Public Records Law](#)
- [Arizona State Library, Archives and Public Records – Retention Schedules](#)
-  [The Public Record - Fall 2016](#)

- › [Public Records – Overview](#)
- › [Upcoming Training](#)
- › [How to Request Public Records](#)
- › [Public Records Frequently Asked Questions](#)

Arizona Ombudsman Citizens' Aide  
7878 N. 16th Street, Suite 235  
Phoenix, AZ 85020

**(602) 277-7292**

**(800) 872-2879**

(Arizona outside Phoenix metro area)

Fax: **(602) 277-7312**

[HOW TO FILE A COMPLAINT](#)

[COMPLAINT FORM](#)

[MORE CONTACT INFO](#)

*"Arizona law requires all officers and public bodies to maintain records reasonably necessary to provide an accurate accounting of their official activities and of any government funded activities."*

<http://www.azoca.gov/open-meeting-and-public-records-law/overview/>

Public?

IN PUBLIC / non-government

Available under  
public record  
laws /  
government

Confidential /  
Non-  
governmental

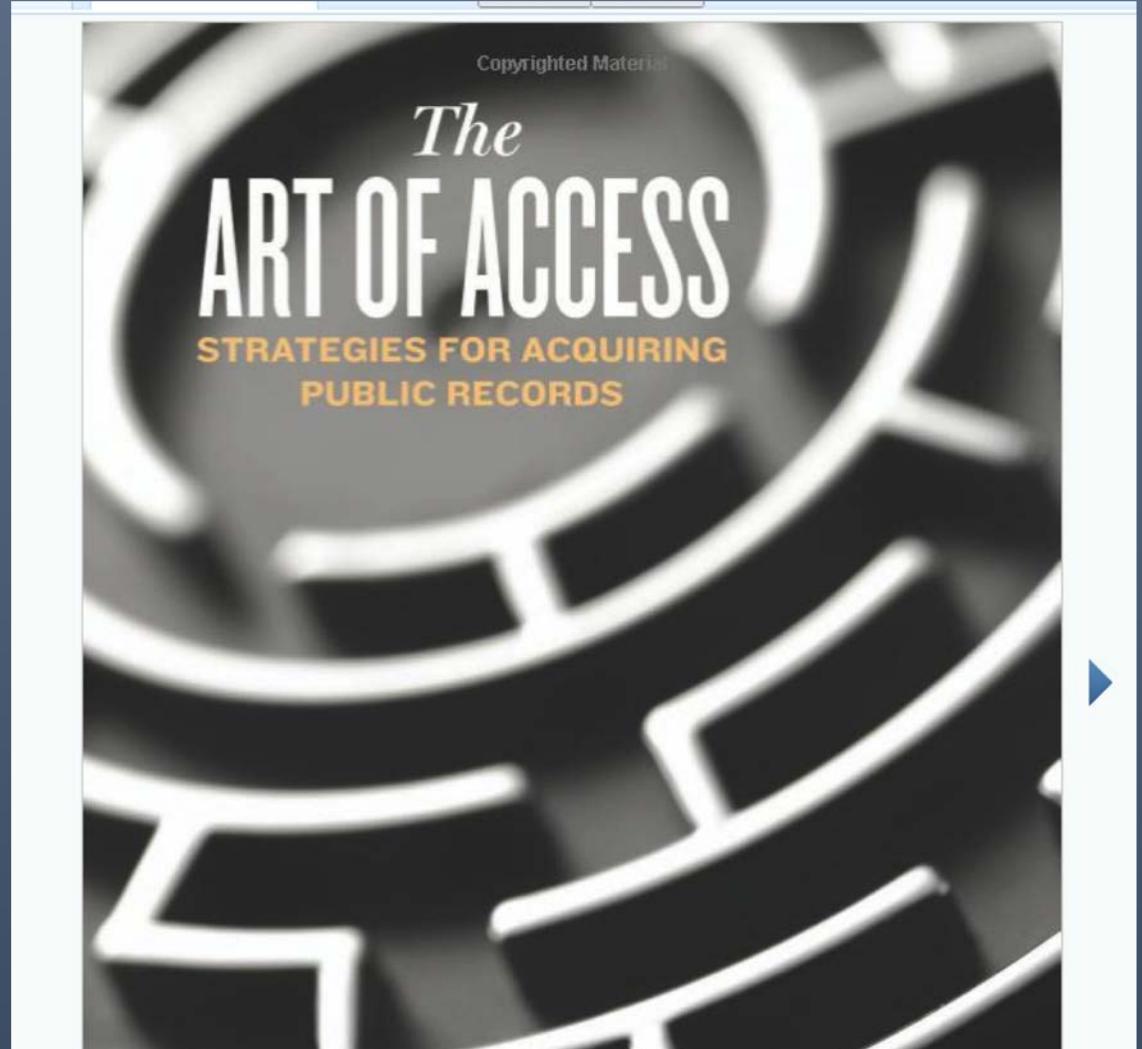
Secret /  
government

Government?

*The biggest impediment to the effective use of FOIA among journalists is a widespread but wrong default position that records belong to the Government and not to the public. This position turns FOIA upside down. Instead of the Government convincing the public that certain information must be kept secret, in practice the public must convince officials that it should be released.*

Paraphrased from prepared testimony to the U.S. Senate Judiciary Committee,  
“Ensuring transparency in the digital age”, Sarah Cohen, March 15, 2011.

Up your  
public  
records  
game



<https://www.amazon.com/Art-Access-Strategies-Acquiring-Records/dp/1604265507>

By David Cullier and Charles Davis

# Where is data?

Hint: everywhere

FOOD

*“If it’s inspected, enforced  
or purchased... I want the  
data”*

- Jennifer LaFleur

*(Plus licensed or regulated..)*

*Take a tour*



*Or a virtual  
tour*

## A

Office of Administrative Law	
California Commission on Aging	
Department of Aging	
Agricultural Labor Relations Board	
Air Resources Board	
Alcoholic Beverage Control Appeals Board	
Department of Alcoholic Beverage Control	
California Arts Council	
California State Assembly	
California State Auditor	
Bureau of Automotive Repair	

## B

Baldwin Hills Conservancy	
State Bar of California	
California Biodiversity Council	
Department of Business Oversight	
Governor's Office of Business and Economic Development	
California Business, Consumer Services, and Housing Agency	

Names, not  
numbers, in  
budgets

Welcome to California's

# 2017-18 Governor's Budget

RELEASED ON JANUARY 10,

## Budget References

### DEPARTMENT INDEX

An index of state agencies included in the Budget. This index can be used to quickly access information for a specific department.  
[Click here for Department Index](#)

### GLOSSARY OF BUDGET TERMS

A listing of common budget terms and their associated definitions.  
[Click here for Glossary of Budget Terms](#) 

### FUND CONDITION STATEMENTS

Provides an ordered list of Fund Condition Statements (FCS) displayed in the Governor's Budget.  
[Click here for Fund Conditions](#)

### STANDARD FOOTNOTES

Provides a key to standard footnotes used to identify the general classification of funds (e.g., General, federal, special) and identifies specific fund types that are included in budget expenditure totals.  
[Click here for Standard Footnotes](#)

### HISTORICAL CHARTS

These charts (in PDF format) are maintained by the Budget Operations Support Unit. They contain some of the same information in the Summary Schedules, in summary form. They also include more historical data.  
[Click here for Historical Charts](#)

### HISTORICAL DOCUMENTS

Provides a listing of documents and presentations that relate to the proposed budget and previous budgets.  
[Click here for Historical Documents](#)

### HISTORICAL eBUDGETS

Provides a listing of links to prior eBudget displays.  
[Click here for Historical eBudgets](#)

### UNIFORM CODES MANUAL

A chart of accounts providing a uniform coding system for the accounting and budgetary purposes for all state departments.  
[Click here for the Uniform Codes Manual](#)

- IT initiatives
- Officials
- Offices and departments

# *City, county and state audits*

**California State Auditor**

ABOUT PUBLICATIONS REPORT IMPROPER ACTIVITY FEDERAL AWARDS ACCOUNTABILITY CAREERS

**WE'RE HONORED!**  
*Proud recipient of national award*  
THE NLPES – EXCELLENCE IN EVALUATION AWARD, 2017

**Report 2016-130 - UC Office of the President:  
STATUS OF ACTIONS TAKEN**

**Local Government HIGH RISK**

Regulations Process Local Entities

**Latest Reports & Updates**

Clerly Act Requirements and Crime Reporting:  
Report 2017-032 – Compliance Continues to Challenge California's Colleges and Universities  
» [Summary](#) | » [Full Report \(PDF\)](#)  
» [Fact Sheet \(PDF\)](#)

Skilled Nursing Facilities:  
Report 2017-109 – Absent Effective State Oversight, Substandard Quality of Care Has Continued  
» [Summary](#) | » [Full Report \(HTML\)](#)  
» [Full Report \(PDF\)](#) » [Fact Sheet \(PDF\)](#)  
» [Supplemental Data](#)

Penalty Assessment Funds:  
Report 2017-126 – California's Traffic Penalties and Fees Provide Inconsistent Funding for State and County Programs and Have a Significant Financial Impact on Drivers  
» [Summary](#) | » [Full Report \(HTML\)](#)

**Work in progress**

**Upcoming Reports:**

2017-131 - Statewide Hate Crime Policies and Practices  
Est. Release Date: May 31, 2018 » Audit Scope ([PDF](#)) ([HTML](#))

2017-125 - University of California Office of the President (UCOP) – Sexual Harassment Cases  
Est. Release Date: June 2018 » Audit Scope ([PDF](#)) ([HTML](#))

CALIFORNIA STATE AUDITOR | Report 2017-109  
May 2018 | 57

**SCOPE AND METHODOLOGY**

The Joint Legislative Audit Committee (Audit Committee) directed the California State Auditor to conduct an audit of California's oversight of nursing facilities. During this audit, we were to examine the method by which the State sets Medi-Cal rates for nursing facilities and the degree to which the facilities' quality of care affects Medi-Cal payments. The Audit Committee also asked us to evaluate the use of related-party entities and transactions by nursing facilities, including those facilities owned by or related to Brirus. The analysis that the Audit Committee approved contains 10 objectives. We list these objectives and the methods we used to address them in Table 13.

**Table 13**  
Audit Objectives and the Methods Used to Address Them

# Records retention schedules

**MICHELE REAGAN**  
Secretary of State  
State of Arizona



**Arizona State Library,  
Archives & Public Records**

About Us | Contact Us | Follow Us | Secretary of State 

Digital AZ Library | Visit the Museum | Research Center | What We Do

Google™ Custom Search 

[Home](#) > [What We Do](#) > [Archives and Records Management](#) > [Retention Schedules, Forms, Standards, Guidance and FAQs](#) >

## Retention Schedules

---

### General Retention Schedules

Any record series listed as permanent on a general retention schedule or that has been designated as historically significant should be transferred to the State Archives when the agency or political subdivision no longer wishes to maintain those records. You can reach the State Archives at 602-926-3720 or 800-228-4710 to discuss the transfer of the records.

[Permanent and Historical Records](#)

General Schedules supersede all existing custom schedules with the following exception: the custom schedule retention period is longer than the general schedule retention period.

[Fully Searchable PDF of ALL GENERAL RETENTION SCHEDULES](#)

[Click here to browse and search general retention schedules.](#)  
(Counties, Education: K-12, Fire Districts, Higher Education, Municipalities, Special Districts and State Agencies, Boards and Commissions)

### State Agency Retention Schedules

[Click here to browse and search state agency retention schedules.](#)

### Court Retention Schedules

The following Retention Schedules are the responsibility of the State Supreme Court, and are provided here as a courtesy to our customers. All Judicial Bodies (Supreme Court, Superior Courts, Justice Courts, Municipal Courts, Adult Probation, Juvenile Probation, etc.) fall under the responsibility of the State Supreme Court, and are administered by the Administrative Office of the Courts (AOC). Retention Schedule for Judicial Bodies are created by the State Supreme Court, although the State Archives works closely with the State Supreme Court on these Schedules.

[Court of Appeals](#)  
[Limited Jurisdiction Courts](#)  
[Probation](#)  
[Sheriff's Office](#)

- [Archives and Records Management](#)
- [Research at the Archives](#)
- [Records Center Services](#)
- [Retention Schedules, Forms, Standards, Guidance and FAQs](#)
- [Retention Schedules](#) 
- [Guidance, Standards and Statutes](#)
- [Forms and Approvals](#)
- [Accessing Arizona Public Records](#)
- [Conservation, Disaster Preparedness and Emergency Recovery](#)
- [Programs, Training, and Presentations](#)
- [Archives and Records Management Policies](#)
- [Contact the State Archives and Records Management Center](#)

## CITY OF TEMPE

DATASETS ORGANIZATIONS GROUPS PERFORMANCE ABOUT

Look  
elsewhere

[/ Organizations / City of Tempe / Opioid EMS Calls / Opioid EMS Calls](#)

## OPIOID EMS CALLS

[Go to resource](#)[Data API](#)

URL: <https://data.tempe.gov/dataset/5673ca24-e099-4bdc-a4dd-2bbcec759899/resource/c4e515dd-cc16-4f73-8259-99d1f98b7436/download/opioidemscalls.csv>

## FROM THE DATASET ABSTRACT

This data represents all emergency medical services calls related to possible opioid abuse. Opioid Abuse Probable A call may be coded as "opioid abuse probable" for many reasons, such as...

Source: Opioid EMS Calls

[Data Explorer](#)[Data Table](#)[Embed](#)

Add Filter

Grid Graph Map 492 records « 1 – 100 »

Search data ... Go Filters

_id	OBJECT...	Incident...	Day of ...	Day_of_...	Month	Month_...	Year	Opoiod....	Primary...	Medicat...	Narcan/...	Patient_...	Age	Patient_...	Medical...	Current...	Is_ASU...
1	1	2017-10...	Wednes...	(3) Wedn...	October	October	2017	Yes	Alcohol I...	""Narca...	Normal ...	Yes	26	25 to 29	Female	"Alcohol ...	Hep B (
2	2	2017-01...	Tuesday	(2) Tuesday	January	January	2017	Yes	Alcohol I...	None	No	44	40 to 44	Female	"Pain- B...	low (M5...	Respirat
3	3	2017-01...	Monday	(1) Monday	January	January	2017	Unknown	ALOC (R...	""Norma...	Narcan (...	Yes	43	40 to 44	Male	"Cardiac...	Psych- .
4	4	2017-01...	Monday	(1) Monday	January	January	2017	Yes	No Appa...	None	No	23	20 to 24	Male	Psych- A...	""Bactri...	Keflex (
5	5	2017-01...	Monday	(1) Monday	January	January	2017	Yes	Overdos...	None	No	20	20 to 24	Male	Hep C (Z...	N/A	No
6	6	2017-01...	Monday	(1) Monday	January	January	2017	Yes	Pain due...	None	No	74	70 to 74	Male	Cardiac-...	Simvast...	No
7	7	2017-01...	Wednes...	(3) Wedn...	January	January	2017	Unknown	ALOC (R...	""Narca...	Narcan (...	Oxygen""	Yes	84	80 to 84	Male	"Cardiac...
8	8	2017-01...	Thursday	(4) Thurs...	January	January	2017	Yes	Pain (GB...	None	No	54	50 to 54	Female	"Cardiac...	Respirat...	""Glipiz
9	9	2017-01...	Thursday	(4) Thurs...	January	January	2017	Yes	N/A	None	No	41	40 to 44	Male	Parapleg...	""Aceta...	opiate)"
10	10	2017-01...	Saturday	(6) Satur...	January	January	2017	Yes	Back Pai...	None	No	53	50 to 54	Male	Arthritis (...	""Morph...	Oxycod
11	11	2017-01...	Saturday	(6) Satur...	January	January	2017	Unknown	ALOC (R...	Narcan (...	Yes	38	35 to 39	Female	"Cardiac...	Diabetes...	""Insulir
12	12	2017-01...	Sunday	(7) Sunday	January	January	2017	Yes	Overdos...	""Norma...	Narcan (...	Yes	40	40 to 44	Male	Rheuma	

# Work backwards

DOUGLAS A. DUCEY  
GOVERNOR

CRAIG C. BROWN  
DIRECTOR

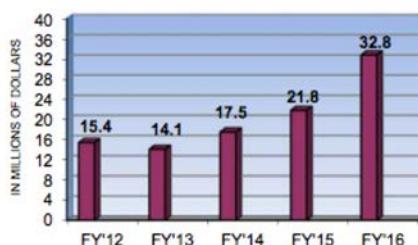
## ARIZONA DEPARTMENT OF ADMINISTRATION RISK MANAGEMENT DIVISION

million in Fiscal Year 2016 is \$11.6 million.

Workers' Compensation expenditures in Fiscal Year 2016 showed a \$2.8 million dollar increase over Fiscal Year 2015.

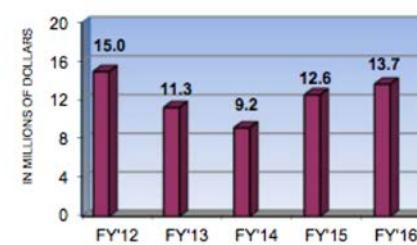
The following charts depict five-year cost comparisons:

LIABILITY CLAIM COSTS



FY'15 includes one extraordinary bodily injury claim of \$7.8 million  
FY'16 includes four bodily injury claims resulting from similar  
circumstances totaling \$8.7 million

PROPERTY CLAIM COSTS



FY'16 includes one extraordinary real property damage claim of  
\$2.8 million



# Follow breadcrumbs

## California State Forms Directory

Under the leadership of the Government Operations Agency & the Governor, the state is undertaking an effort to streamline the number of forms it uses and find other efficiencies in forms management. This page provides citizens and employees of the State of California a common access point to state forms. Managed by the Department of General Services (DGS), the Directory contains links to electronic versions of relevant and current forms, providing citizens another resource to more easily conduct business with the State of California.

### Information:

For questions about a specific form, please contact the [forms coordinator](#) for the agency that authors that form. The DGS Forms Management Center (FMC) does its best to keep its links up-to-date. If, however, you encounter a dead or misdirected link or errors, please contact [FMC staff](#).

If you choose to save a form to your computer, the FMC offers [revision notification features](#).



[Search Forms](#)

- Agency**
  - PUBLIC HEALTH, DEPARTMENT OF
  - PUBLIC HEALTH, DEPARTMENT OF

State of California-Health and Human Services Agency

**ACUTE HEPATITIS B OR C CASE REPORT**

Mail to: California Department of Public Health  
Immunization Branch  
850 Marina Bay Parkway  
Richmond, CA 94804-6403  
OR Fax to: (510) 620-3949

CASE IDENTIFICATION AND DEMOGRAPHICS			
PATIENT'S NAME	Last	First	Middle initial
DOB (month/day/year)	AGE (enter age and check one)	DATE OF REPORT	
/ /	<input type="checkbox"/> Days <input type="checkbox"/> Weeks <input type="checkbox"/> Months <input type="checkbox"/> Years	/ /	
ADDRESS NUMBER & STREET		CITY/TOWN	STATE ZIP CODE
COUNTY	COUNTRY OF BIRTH	HOME PHONE ( )	OTHER PHONE (specify) ( )
<input type="checkbox"/> USA <input type="checkbox"/> OTHER:			
GENDER	PATIENT'S OCCUPATION/SETTING	EMPLOYER NAME AND ADDRESS:	
<input type="checkbox"/> F <input type="checkbox"/> M <input type="checkbox"/> FTM <input type="checkbox"/> MTF <input type="checkbox"/> Other <input type="checkbox"/> Unknown	<input type="checkbox"/> Hospital/Medical/Dental <input type="checkbox"/> Correctional facility <input type="checkbox"/> Public safety <input type="checkbox"/> Other _____ <input type="checkbox"/> Long-term care facility <input type="checkbox"/> Unknown		
PREGNANT?			
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			
ETHNICITY (check one)	RACE (check all that apply)		
<input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> Non-Hispanic/ Non-Latino <input type="checkbox"/> Unknown <input type="checkbox"/> Other:	<input type="checkbox"/> Black/African-American <input type="checkbox"/> Native American/Alaskan Native <input type="checkbox"/> White <input type="checkbox"/> Unknown <input type="checkbox"/> Other:	<input type="checkbox"/> Asian: Please specify: <input type="checkbox"/> Asian Indian <input type="checkbox"/> Hmong <input type="checkbox"/> Thai <input type="checkbox"/> Cambodian <input type="checkbox"/> Japanese <input type="checkbox"/> Vietnamese <input type="checkbox"/> Chinese <input type="checkbox"/> Korean <input type="checkbox"/> Other Asian: <input type="checkbox"/> Filipino <input type="checkbox"/> Lactan	
REASONS FOR TESTING (check all that apply)		PHYSICIAN NAME	CMR ID
<input type="checkbox"/> Symptoms of acute hepatitis <input type="checkbox"/> Evaluation of liver enzymes <input type="checkbox"/> Exposure to case	<input type="checkbox"/> Prenatal screening <input type="checkbox"/> Unknown <input type="checkbox"/> Other: _____		
		PHYSICIAN PHONE ( )	CDPH ID
CLINICAL AND DIAGNOSTIC DATA			
SYMPOTOMATIC?	SYMPTOMS (check all that apply)	DIED OF HEPATITIS?	ONSET OF SYMPTOMS
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown <i>If No, report as chronic case or seroconversion</i>	<input type="checkbox"/> Jaundice <input type="checkbox"/> Anorexia <input type="checkbox"/> Dark urine <input type="checkbox"/> Abdominal pain <input type="checkbox"/> Diarrhea <input type="checkbox"/> Other: _____	<input type="checkbox"/> Clay stools <input type="checkbox"/> Fatigue	/ /
HOSPITALIZED?	HOSPITAL NAME	ADMIT DATE	DISCHARGE DATE
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		/ /	/ /
HEPATITIS B VACCINE HISTORY Date Unknown Vaccine Type		LAB TESTS	Positive Negative Unknown Month/Day/Year
<input type="checkbox"/> Dose #1 Date _____ <input type="checkbox"/> Dose #2 Date _____ <input type="checkbox"/> Dose #3 Date _____ <input type="checkbox"/> None <input type="checkbox"/> Unknown		<input type="checkbox"/> Anti-HCV <input type="checkbox"/> HCV RNA <input type="checkbox"/> HCV Genotype <input type="checkbox"/> HCV Antigen*	
		<input type="checkbox"/> IgM anti-HAV <input type="checkbox"/> Anti-HAV total	

# Other requestors

The screenshot shows the Enigma Public website. At the top, there's a dark banner with the MUCKROCK logo and navigation links for News, Projects, Requests, Assignments, and a three-dot menu. To the right of the banner are buttons for Search, File Request, Sign Up, and Log In. Below the banner, a large blue header bar features the text "File, track, and share public records requests." In the center of the page, there's a search bar with the placeholder "Search public data..." and a "enigma public" dropdown. To the right of the search bar are links for About, Projects, Docs, and a "SIGN IN" button. On the left side, there's a sidebar titled "Recently completed requests" with a "See all →" link. The main content area has a large title "Understand your world with Enigma Public." followed by a descriptive paragraph about the curated collection of public data.

Recently completed requests

See all →

enigma public

Search public data...

About Projects Docs SIGN IN

Browse by

- Tags
- Agriculture
- Animals
- Art
- Buildings
- Companies
- See more...
- Collections
- Commissions

Understand your world with Enigma Public.

We've curated the world's broadest collection of public data into a single searchable, explorable web portal and API.



# Thank you!

Sarah Cohen

Knight Chair in Data Journalism

Walter Cronkite School of Journalism / Arizona State University

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