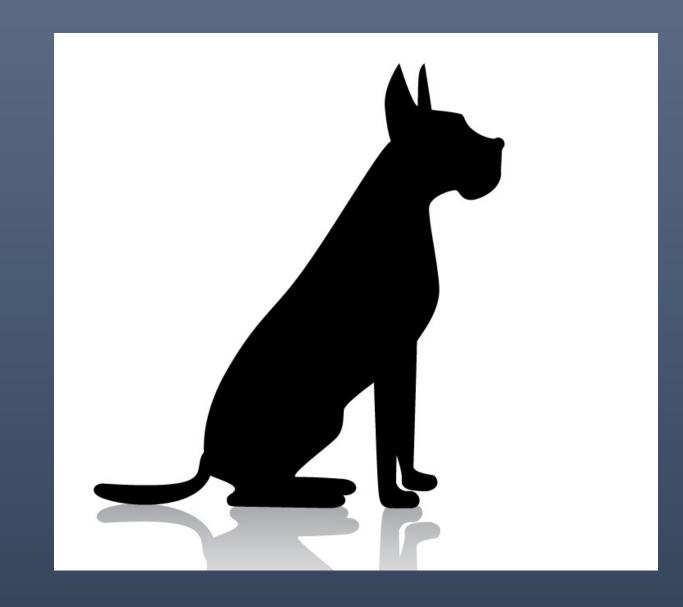
Empirical journalism

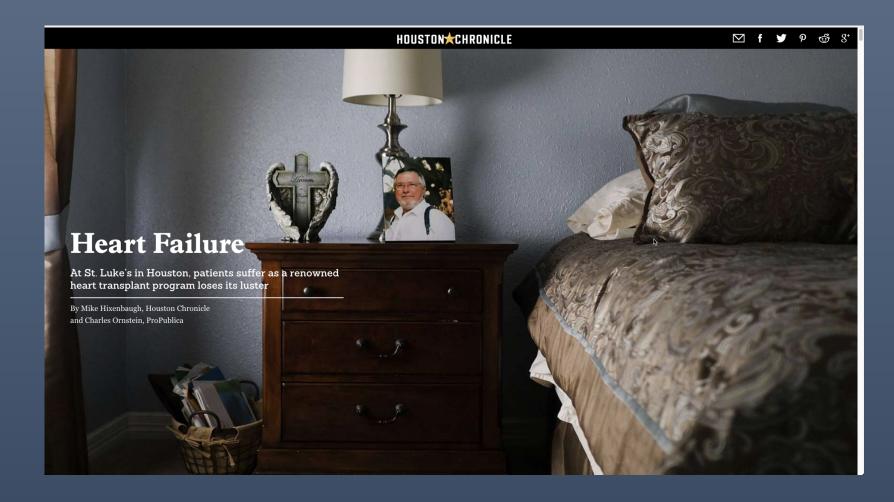
... or, Becoming a Better Watchdog



Sarah Cohen Walter Cronkite School of Journalism

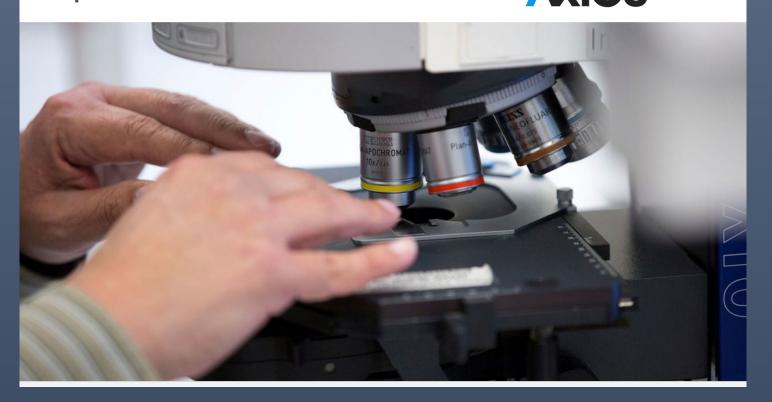
Why data?

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

Because you want anecdotes AND evidence

DJIA **24706.41** -0.78% ▼

S&P 500 **2711.45**

Nasdaq **7351.63**

U.S. 10 Yr -21/32 Yield

Crude Oil **70.95**

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

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





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



What Interest Do Health GPOs Really Serve?



A Crime Problem on the Shoplifting at Duane ...



Where Graduates Mov After College



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 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'

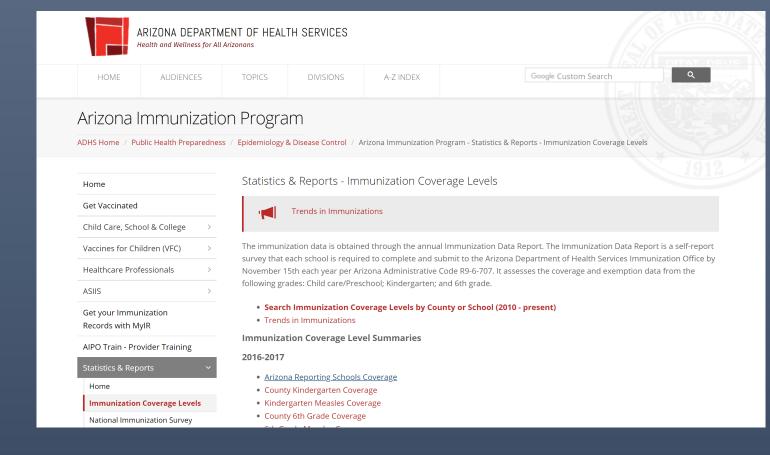
Most Popul

- Embas Leave
- Drawi Health With I
- Two T Nafta
- A Con Malay

Because records are contemporaneous and don't forget



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



Because no one else will count

JOURNAL SENTINEL f 💆 🖾

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

THE FOUL CHARGES

OFTHE

TORIES

AGAINST THE

EDITOR of the AURORA

REPELLED by POSITIVE PROOF and PLAIN TRUTH

HIS BASE CALUMNIATORS PUT TO SHAME

Price-Two Cents-T

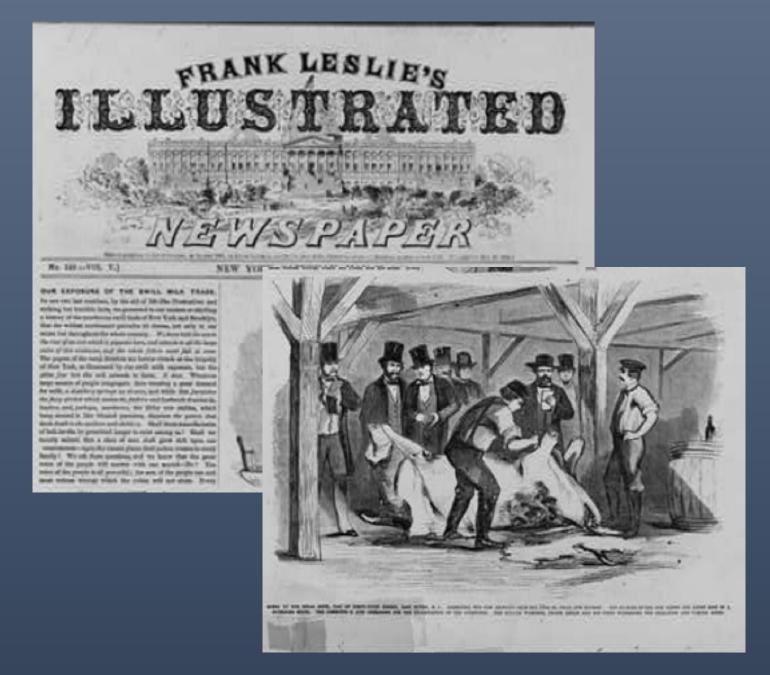


GENERAL ADVERTISER

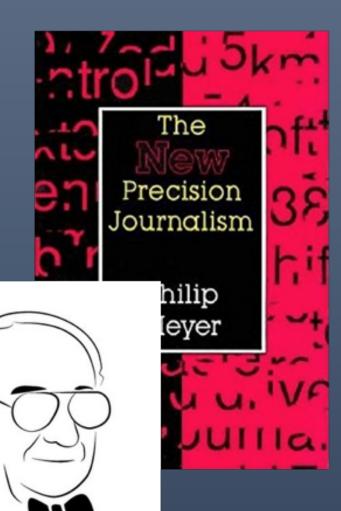
BENJ. FRANKLIN BACHE PUBLISHER

NO. 112, MARKET-STREET

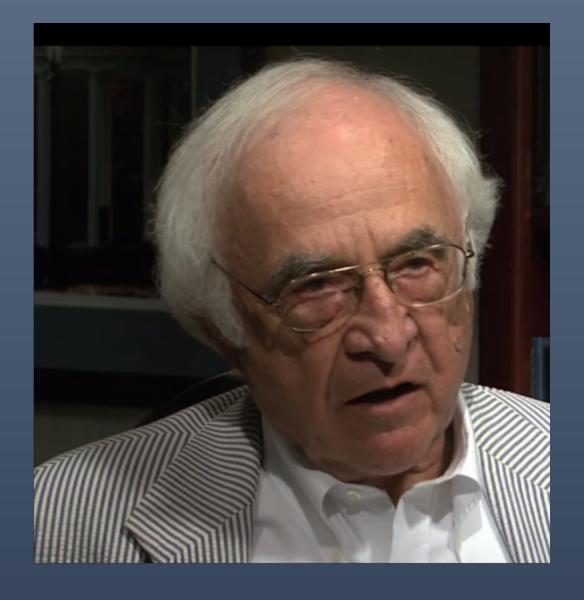
Frank Leslie's
Illustrated Weekly
swill milk
investigation, 1858



Precision journalism



Philip Meyer Award



Original reporting with data

(Once known as "computer-assisted reporting")

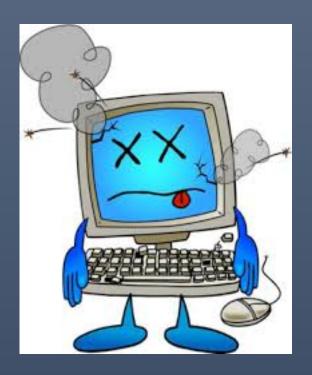
What computers do

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

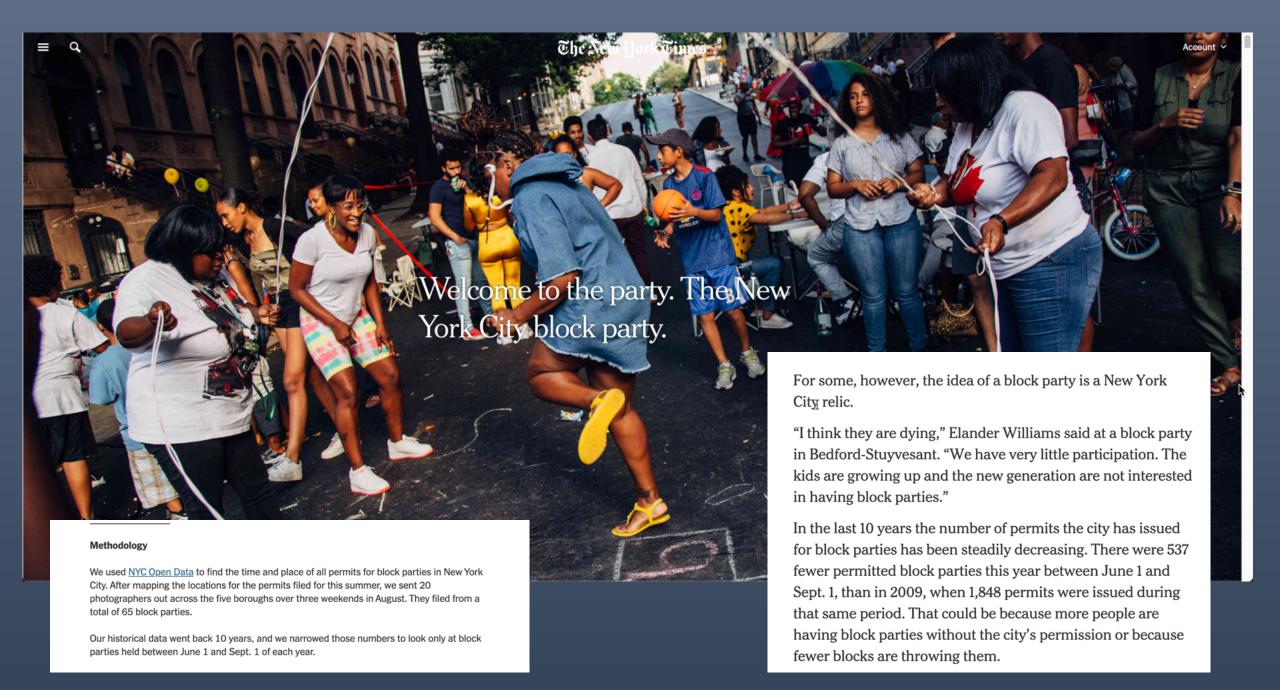


What computers don't do

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



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



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/Chic

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

By MICHAEL LUO, MIKE MoINTIRE and GRIFF PALMER

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: " 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: " Dooking 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

\$ 2,550 Private Party

Listings by this user Springfield, Springfield, Missouri - Map

Saturday, June 29, 2013

Contact Seller

Handguns

TWIT 300 Blackout (7.62x35mm)

FACE!

QOO

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

1.Laure front and rear folding backup iron sights □ E-MAI

2.BCM gunfighter charging handle

4. Magpul MIAD grip and stock 5. Troy Single point sling mount 6. Hard chrome holt/carrier

7.Surefire 900V, LED/IR with white navigation lights 8.Aimpoint T1 micro sight, 4MOA, Larue tall throw lever mount



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.

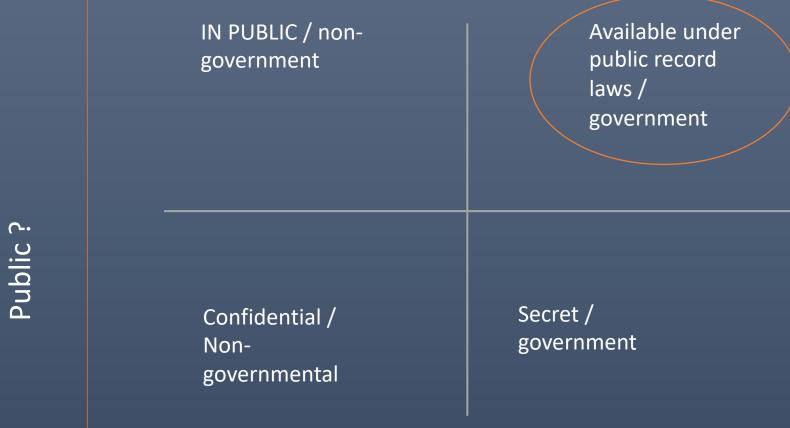
The Disproportionate Risks of Driving While Black

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

Public records as a base for datadriven reporting

Your life in records

- Birth certificate, SSN
- Immunization records
- "This will go on your permanent record"
- Media reports of your sports achievements
- Public postings on social media
- Drivers' records, insurance, parking tickets and more courts
- Graduation, transcript
- Tuition payments, credit scores
- •



Government?

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.

Arizona Ombudsman

The Public Record - Fall 2016

Arizona State Legislature

About Resources Make a Complaint Open Meeting & Public Records Law Child Safety (DCS) Public Records - Overview Search .. Q Arizona's Public Records Law > Public Records - Overview Arizona law requires all officers and public bodies to maintain records reasonably necessary to provide > Upcoming Training an accurate accounting of their official activities and of any government funded activities. > How to Request Public Records 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 > Public Records Frequently Asked successor as evidence of the organization, functions, policies, decisions, procedures, operations, or other Questions 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. Arizona Ombudsman Citizens' Aide 7878 N. 16th Street, Suite 235 PENDING LEGISLATION Phoenix, AZ 85020 (602) 277-7292 **PUBLICATIONS** (800) 872-2879 (Arizona outside Phoenix metro area) Ombudsman Public Records Booklet Fax: (602) 277-7312 • 🖫 Arizona Agency Handbook - Chapter 6 (Index of Records Confidential by Statute is Located in Appendix 6.1 and 6.2, p. 16) HOW TO FILE A COMPLAINT · Attorney General Opinions: 1999 to present Attorney General Opinions prior to 1999 COMPLAINT FORM • Opinion No: I13-012 (R13-018), Re: Charging Copying Fees Under Arizona's Public Records Law MORE CONTACT INFO · Arizona State Library, Archives and Public Records - Retention Schedules

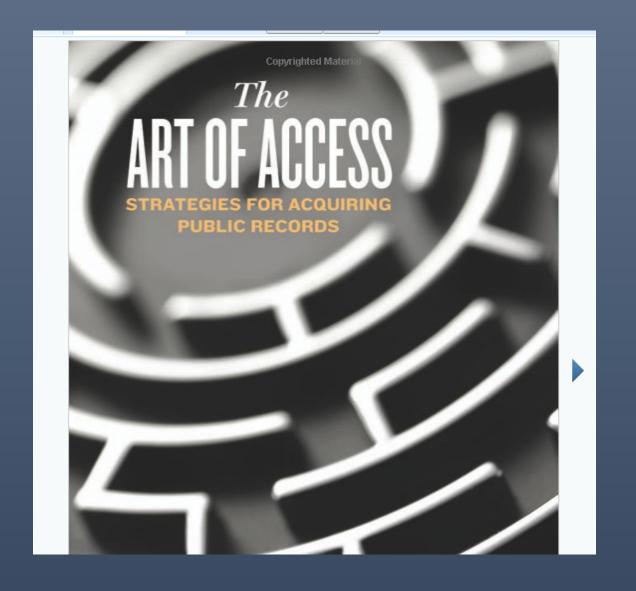
"Arizona law requires all officers and public bodies to maintain records reasonably necessary to provide an accurate accounting of their official activities and of any government funded activities."

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

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



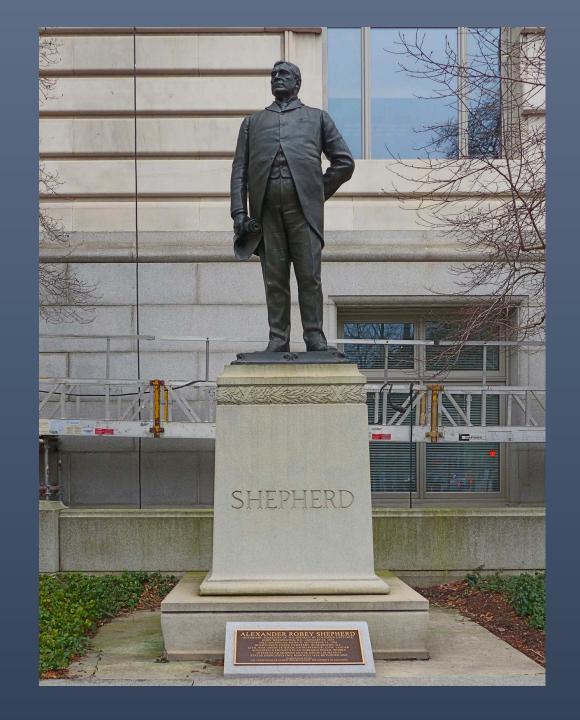
MANAGER AND THE PROPERTY OF TH

"If it's inspected, enforced or purchased... I want the data"

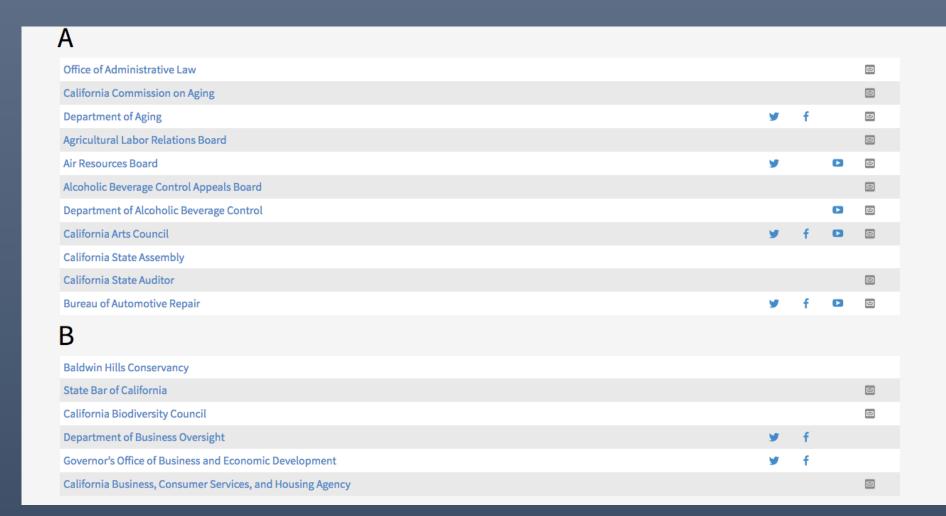
- Jennifer LaFleur

(Plus licensed or regulated..)

Take a tour



Or a virtual tour



Names, not numbers, in budgets

- IT initiatives
- Officials
- Offices and departments

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

FUND CONDITION STATEMENTS

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

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 EBUDGETS

Provides a listing of links to prior eBudget displays. Click here for Historical eBudgets

GLOSSARY OF BUDGET TERMS

A listing of common budget terms and their associated definitions.

Click here for Glossary of Budget Terms

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 DOCUMENTS

Provides a listing of documents and presentations that relate to the proposed budget and previous budgets Click here for Historical Documents

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

City, county and state audits



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



Reporting:

Universities

Continued

» Fact Sheet (PDF)

Process

Report 2017-032 - Compliance Continues to Challenge California's Colleges and

Report 2017-109—Absent Effective State Oversight, Substandard Quality of Care Has

» Summary » Full Report (HTML)

Latest Reports & Updates

Clery Act Requirements and Crime

» Summary » Full Report (PDF)

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 of Health and Human Services—Policy and

cope (PDF) (HTML)

Grant Application Process cope (PDF) (HTML)

dence Kits

» Full Report (PDF) » Fact Sheet (PDF)

Supplemental Data

Penalty Assessment Funds:

Skilled Nursing Facilities:

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)

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 Brius. 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.

Records retention schedules



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 I

Google™ Custom Search

Q

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 **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

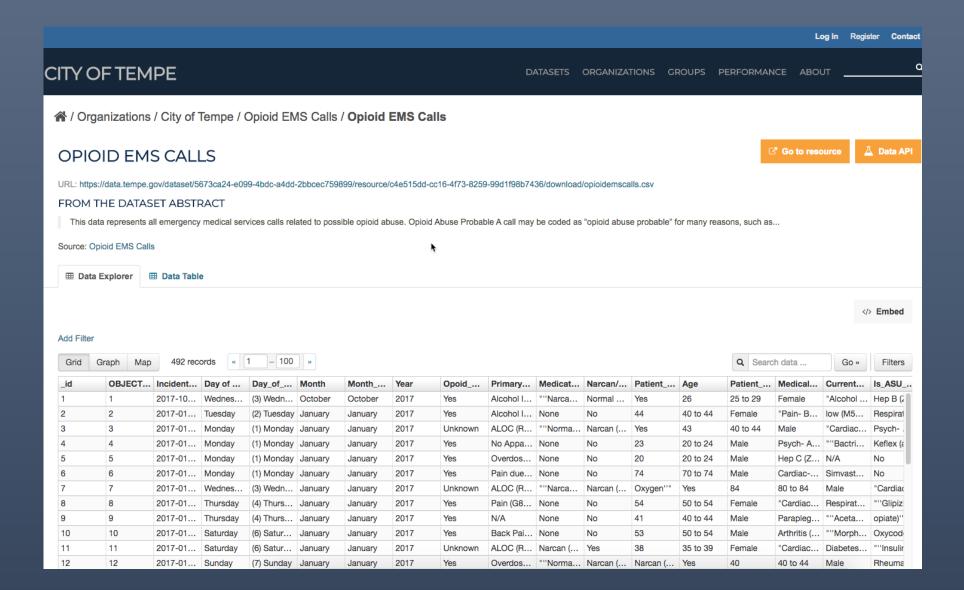
Conservation, Disaster Preparedness and Emergency Recovery

Programs, Training, and Presentations

Archives and Records Management Policies

Contact the State Archives and Records Management Center

Look elsewhere



Work backwards

ARIZONA DEPARTMENT OF ADMINISTRATION RISK MANAGEMENT DIVISION

minion in ruscar rear 2010) is \$11.0 minion

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:



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



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



FISCAL YEAR 2016 ANNUAL REPORT

Follow breadcrumbs

California State Forms Directory

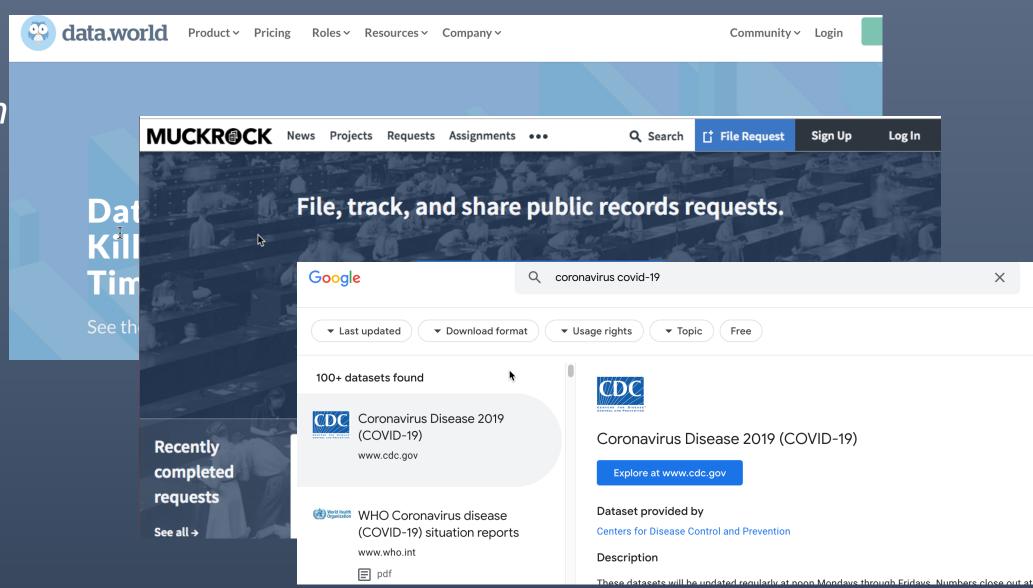
Under the leadership of the Government Operations Agency & the Governor, the state is undertaking an effort to streamline the number of forms it uses and find other efficiencies in forms management. This page provides citizens and employees of the State of California a common access point to state forms. 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:

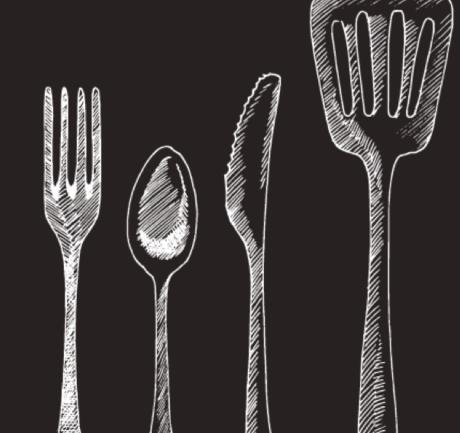
For questions about a specific form, please contact the forms coordinator for the agency that authors that form. The DGS Forms Management Center (FMC) does its best to keep its links up-to-date. If, however, you encounter a dead or misdirected link or errors, please contact FMC staff.

vou choose to save a form to yld Coffers revision notification fo	State of California-Health and CDPH	,	PATITIS B (OR C CASE		to: California Depart Immunization Bra 850 Marina Bay R Richmond, CA 9 OR Fax to: (510	Parkway 4804-6403	
Search Forms	PATIENT'S NAME Last	ON AND DEMOGRAPH	ICS First				Middle initial	
	DOB (month/day/year)	AGE (enter age and check one)		DATE OF	REPORT			
	/ /	∐Days ∐Wee	ks Months Yea	rs / /				
ency	ADDRESS NUMBER & S	ADDRESS NUMBER & STREET		TY/TOWN STA		ATE ZIP CODE		
JBLIC HEALTH, DEPARTMENT OF	COUNTY	COUNTRY OF BIR	ru .	HOME F	DHONE	OTHER PHON	E (anneita)	
	COUNTY	USA OTHER:		()	HONE	()	E (specify)	
BLIC HEALTH, DEPARTMENT OF	GENDER				ETTING EMPLOYER NAME AN		ND ADDRESS:	
selo Herieni, selvilani en	F M FTM MTF	Correctional facility						
BLIC HEALTH, DEPARTMENT OF	PREGNANT? Public safety Other:							
		RACE (check all that apply)	ong-term care racinly	JOHNIOWII				
BLIC HEALTH, DEPARTMENT OF	Hispanic/Latino	n: Please specify:			Pacific Islander: Please specify:			
				n Indian Hmong bodian Japane			Native Hawaiian Guamanian	
BLIC HEALTH, DEPARTMENT OF				inese Korean Other Asian: Samoan				
BLIC HEALTH, DEPARTMENT OF		Other:	Filip	no Laotian		Other Pacif	ic Islander:	
BLIC HEALTH, DEPARTMENT OF		REASONS FOR TESTING (check all that apply) PHYSICIAN N				CMR ID	CMR ID	
BLIC HEALTH, DEPARTMENT OF	Symptoms of acute hepatitis Prenatal screening Evaluation of liver enzymes Unknown		ning					
	Exposure to case Other: PHYSICIAN			ONE ()		CDPH ID	CDPH ID	
BLIC HEALTH, DEPARTMENT OF	CLINICAL AND DIAG		<u> </u>			<u> </u>		
	SYMPTOMATIC? SYMPTOMS (check all that apply)			Clay stools Yes No Unknown		ONSET OF SYMPTOMS		
	Yes No Unknown			IF YES, DATE O		DIACNOSIS DAT	DIAGNOSIS DATE (test date)	
	case or seroconversion	Diarrhea Other:	augue	/ /	PUEATH	/ /	E (lest date)	
				, ,		1 1		
	HOSPITALIZED? Yes No Unknown			ADMIT DATE		DISCHARGE DAT	DISCHARGE DATE	
		E HISTORY Date Unknown	. Vessine Time	LAB TESTS	Positive Negati	ive Unknown	Month/Day/Year	
	Dose #1 Date / /	vaccine Type	Anti-HCV	Positive Negati	lve Unknown	wontri/Day/ rear		
	Dose #2 Date/_/			HCV RNA	ă	i 📅		
	Dose #3			HCV Genotype				
	None Unknown			HCV Antigen*			//	
	If ≤18 years, why not			IgM anti-HAV			1 1	

Other collectors an requesters



MENU RESTAURANT





IXIXIXIXIXIXIXIXIXI

SMOKED SALMON

lpsum dolor est nostrud minim dolore ut cupidatat ad. Sint dolor in consequat. Minim magna mollit aute nostrud laboris. Exercitation dolore aute ad in. EXERCITATION......0.00\$

SMOKED SALMON

lpsum dolor est nostrud dolore ut cupidatat ad. Exercitation dolore aute ad in. Sint dolor in consequat. EXERCITATION 0.00\$

GARLIC BREAD

Ipsum dolor est nostrud minim dolore ut cupidatat ad. Exercitation dolore aute ad in. EXERCITATION......0.00\$



CHOOSE 5 TOPPINGS



Fresh tomato......0.00\$

Olives...

SPAGHETTI

lpsum dolor est nostrud dolore ut cupidatat ad. Exercitation dolore aute ad in. Sint dolor in consequat. EXERCITATION......0.00\$

CRISPY SHRIMP

Ipsum dolor est nostrud minim dolore ut cupidatat ad. Sint dolor in consequat. Minim magna mollit aute nostrud laboris. EXERCITATION......0.00\$



BBQ BURGER

Ipsum dolor est nostrud dolore ut cupidatat ad. Exercitation dolore aute ad in. Sint dolor in consequat. EXERCITATION......0.00\$



বাবাবাবাবাবাবাবাবাবাব **FREE HOME DELIVERY** IXIXIXIXIXIXIXIXIXIXI





CHEESECAKE

Minim magna mollit aute nostrud laboris. Exercitation dolore aute ad in.



CHEESECAKE

Exercitation dolore aute ad in. Sint dolor in consequat. EXERCITATION......0.00\$

BEVERAGES

BOTTLED WATER

Minim magna mollit aute nostrud. EXERCITATION......0.00\$

DOTTLED WATER

LUNCH TIME MENU SERVED FROM MIDDAY

Thank you!

Sarah Cohen Knight Chair in Data Journalism Walter Cronkite School of Journalism / Arizona State University sarah.h.cohen@asu.edu / @sarahcnyt