

# 2018 National Sunshine Week Kick-Off

As a Matter of Open Government  
March 13, 2018

Department of Commerce Library

## 2018 National Sunshine Week

### Kick-off Event

Tuesday, March 13, 2018 | 9:00 - 12 noon  
Department of Commerce Research Library

### *As a Matter of Open Government*

#### 9:00-9:25 Welcome and Opening Remarks

**Enrique Lamas**, Associate Director for Demographic Programs and Performing the Non-Exclusive Functions and Duties of the Deputy Director, U.S. Census Bureau

**Catrina Purvis**, Senior Agency Official for Privacy, Chief Privacy Officer, and Director of Open Government, U.S. Department of Commerce

**Moderator: Robyn J. Bachman**, Chief, Policy Coordination Office and Chief Privacy Officer, U.S. Census Bureau

#### 9:25-9:30 Recognitions

#### 9:30-9:50 Keynote Speaker

**Charles Lewis**, Professor and Executive Editor of the Investigative Reporting Workshop at American University School of Communication

#### 10:00-noon Guest Speakers

**Matt Gardner & Lindsay Roberts**, Senior Attorneys, Office of Information Policy, U.S. Department of Justice

**Christa Lemelin**, Program Analyst, Office of Government Information Services, National Archives and Records Administration

**Rob Pitlingolo**, Research Analyst, Urban Institute

**David Landrith**, Portfolio Manager, Big Data, Dissemination, Capital Hardware, Infrastructure, Enterprise Systems, Office of the Chief Information Officer, U.S. Patent & Trademark Office

**Zachary Whitman**, Chief Data Officer, Decennial Information Technology Division, U.S. Census Bureau

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Speeches last approximately 15 minutes each.  
Q&A between speakers.



### As a Matter of Open Government

The U.S. Commerce Department's Office of Privacy and Open Government and the U.S. Census Bureau's Open Government Program welcome you to this opportunity to learn more about open government efforts and to engage in a dialogue on transparency and access to information.



United States™  
**Census**  
Bureau

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU  
census.gov

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UNITED STATES DEPARTMENT *of* JUSTICE

*Best Practices for Self-  
Assessment & OIP's  
Self-Assessment Toolkit*



## Self-Assessments

Regular self-assessments are an important part of any agency's FOIA administration.

They can help:

- Streamline processing procedures;
- Identify new ways to use technology;
- Determine whether to reallocate resources to facilitate continued progress towards agency goals.



## Self-Assessments

- OIP has encouraged agencies to conduct self-assessments.
- In their Chief FOIA Officer Reports, many agencies reported conducting self-assessments ranging from examining discrete aspects of their FOIA process to comprehensively reviewing their FOIA program.



## Self-Assessments

Agencies reported using various methods as part of their self-assessment, such as:

- Analyzing data from Annual Reports and metrics from agency tracking systems;
- Examining workflows and standard operating procedures;
- Conducting internal and external interviews;
- Studying the agency's use of IT in processing requests.



## Self-Assessment Toolkit

To assist agencies in conducting self-assessments, OIP developed a “Self-Assessment Toolkit” covering the FOIA process ranging from Request Intake to FOIA Websites.



- The Toolkit is composed of thirteen modules to help agencies conduct an in-depth analysis of their FOIA program.
- Agencies may complete the entire assessment or individual modules.



# Toolkit Modules

- Initial Mail Intake and Mail Review
- Assigning Cases, Managing Tracks, and Identifying Frequently Requested Records
- Acknowledgement Letters
- Adjudicating Requests for Expedited Processing
- Fee Correspondence
- Searching for Responsive Records
- Processing Procedures



# Toolkit Modules

- Consultations and Referrals
- Response Language
- Training and Employee Development
- Requester Services
- FOIA Reporting
- FOIA Website Development and Maintenance



# Milestones for Each Topic



Each module contains several Milestones that guide the agency through an analysis of their performance in that area.



# Documenting Evidence

- Agencies provide evidence to support their responses to each Milestone.
- Documenting evidence helps agencies:
  - Objectively assess their performance
  - Identify gaps and areas for improvement
  - Track progress over time



# Documenting Evidence

- Evidence may be positive or negative.
- A lack of evidence does not necessarily mean that the agency is not meeting the Milestone, but may indicate where the agency could benefit from greater management or formalized procedures.



# Types of Evidence

Types of evidence may include, but are not limited to:

- Agency regulations
- Agency policies, handbooks, SOPs
- FOIA Report data
- Metrics available from tracking system
- FOIA response templates
- Website content
- Training Materials
- Staff surveys, questionnaires, interviews, or observations
- Meeting agendas and notes
- Staff newsletters, memoranda, emails
- Public feedback



# Scoring the Milestones

<b>SCORE</b>	<b>DESCRIPTION</b>
4	The Agency has done this and has strong evidence of success.
3	The Agency generally does this, but there are inconsistencies, lack of evidence, or room for improvement.
2	The Agency has a policy of doing this, but it does not regularly occur in practice.
1	The Agency is not yet doing this and/or there are major obstacles to progress.

Agencies score their performance on each Milestone based on available evidence.



## Guidance and Best Practices

- Each module or subsection is followed by Guidance and Best Practices in the topic area.
- These are intended to assist agencies in identifying next steps.
- Agencies are encouraged to consider any additional measures to implement improvements.



## Conclusion

- OIP encourages agencies to self-assess their FOIA program using the Toolkit.
- It is posted on the “FOIA Resources” page of OIP’s website.
- We will update the Self-Assessment Toolkit as needed, and welcome your suggestions for future updates.



UNITED STATES DEPARTMENT *of* JUSTICE

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# *National FOIA Portal*



# National FOIA Portal

- The FOIA Improvement Act of 2016 directed the Office of Management and Budget (OMB) and the Department of Justice (DOJ) to build a “consolidated online request portal that allows a member of the public to submit a request for records . . . to any agency from a single website.”



## National FOIA Portal

- The new amendments also stated that the creation of the portal does not “alter the power of any other agency to create or maintain an independent online portal for the submission of a request.” It charged OMB to establish standards for interoperability between the new National FOIA Portal and other request processing software currently used by agencies.



## National FOIA Portal

- Our approach to the portal has focused on improvements to FOIA administration overall.
- Agency needs and impact on efficiencies have been front and center.
- Asked agencies to be at the table from the very beginning of this project.

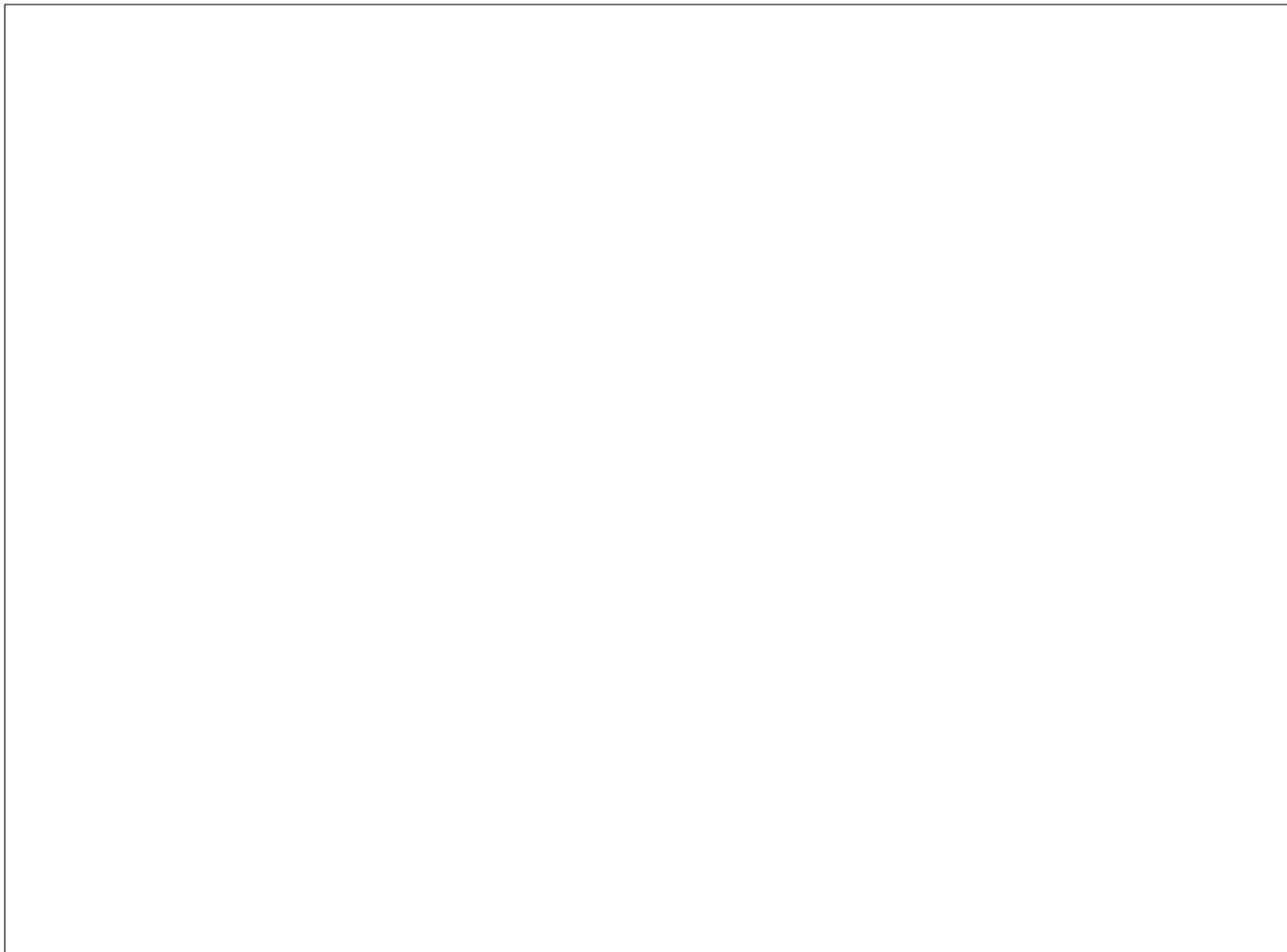


# National FOIA Portal

- The team began by embarking on a “discovery phase” that included:
  - Conducting extensive research,
  - Interviewing with requesters, agencies, and the advocacy community, and
  - Testing prototypes of possible functionality.



# National FOIA Portal





# National FOIA Portal

Department of Justice

Search

## Department of Justice

Make your FOIA request directly to the most relevant component:

- [Antitrust Division >](#)
- [Bureau of Alcohol, Tobacco, Firearms, and Explosives >](#)
- [Civil Division >](#)
- [Civil Rights Division >](#)
- [Community Relations Service >](#)
- [Criminal Division >](#)
- [Drug Enforcement Administration >](#)
- [Environment and Natural Resources Division >](#)
- [Executive Office for Immigration Review >](#)
- [Executive Office for Organized Crime Drug Enforcement Task Forces >](#)
- [Executive Office for United States Attorneys >](#)

### Agency mission

The Department's mission is to enforce the law and defend the interests of the United States according to the law; to ensure public safety against threats foreign and domestic; to provide federal leadership in preventing and controlling crime; to seek just punishment for those guilty of unlawful behavior; and to ensure fair and impartial administration of justice for all Americans.

[FOIA Reference Guide](#)

[FOIA Regulations](#)

Glossary



# National FOIA Portal

Department of Justice

Search

Department of Justice >

## Office of Information Policy

### Agency mission

The Department's mission is to enforce the law and defend the interests of the United States according to the law; to ensure public safety against threats foreign and domestic; to provide federal leadership in preventing and controlling crime; to seek just punishment for those guilty of unlawful behavior; and to ensure fair and impartial administration of justice for all Americans.

[FOIA Reference Guide](#)

[FOIA Regulations](#)

### Contact

 [FOIA Requester Service Center](#)

 202-514-3642

### Average processing time for 2016

 29 working days for simple requests

483 working days for complex requests

**The records or information you're looking for may already be public.**

 Visit the agency's [website](#) to learn more.

To see what's been made available, you can visit an agency's [FOIA library](#).

[Start FOIA request](#)



# National FOIA Portal

## Office of Information Policy

Contact information

Your request

Additional information

Fees

Request expedited processing

Review and submit

## Tips for submitting

The person to reach out to about your FOIA request is:

 [FOIA Requester Service Center](#) 

 202-514-3642

## Contact information

This information is needed so the agency knows where to send the response to your FOIA request. Please note that not all of these fields are required.

First name

Last name

Your organization

Email address

In order for us to communicate with you about your request, you must provide at least one form of contact information.



# National FOIA Portal

your FOIA request

### Upload additional documentation

If you are seeking records about yourself, additional documentation is required to verify your identity. 28 C.F.R. § 16.3(a)(3). [↗](#)

No file chosen

Step 4 of 6

## Fees

Most FOIA requests do not involve any fees. However, if an agency informs you that there are fees associated with your request, you may request a [fee waiver](#)  under the standard provided in the FOIA. You may request a fee waiver at any time during the processing of your request. The agency will grant a fee waiver when disclosure of the requested information is in the public interest because it is likely to contribute significantly to public understanding of



# National FOIA Portal

## Justification for expedited processing

Leave this blank if you are not requesting expedited processing. When making a request for expedited processing you must explain how your request meets one of the expedition standards described above. This agency has additional criteria for expedited processing detailed at [28 C.F.R. § 16.5\(e\)](#). 

[Return to top ↑](#)

Step 6 of 6

## Review and submit

Please review the information you entered above before submitting to an agency. You should hear from the agency within the coming weeks. If you don't hear from the agency, please reach out using the contact information provided to you on this site.

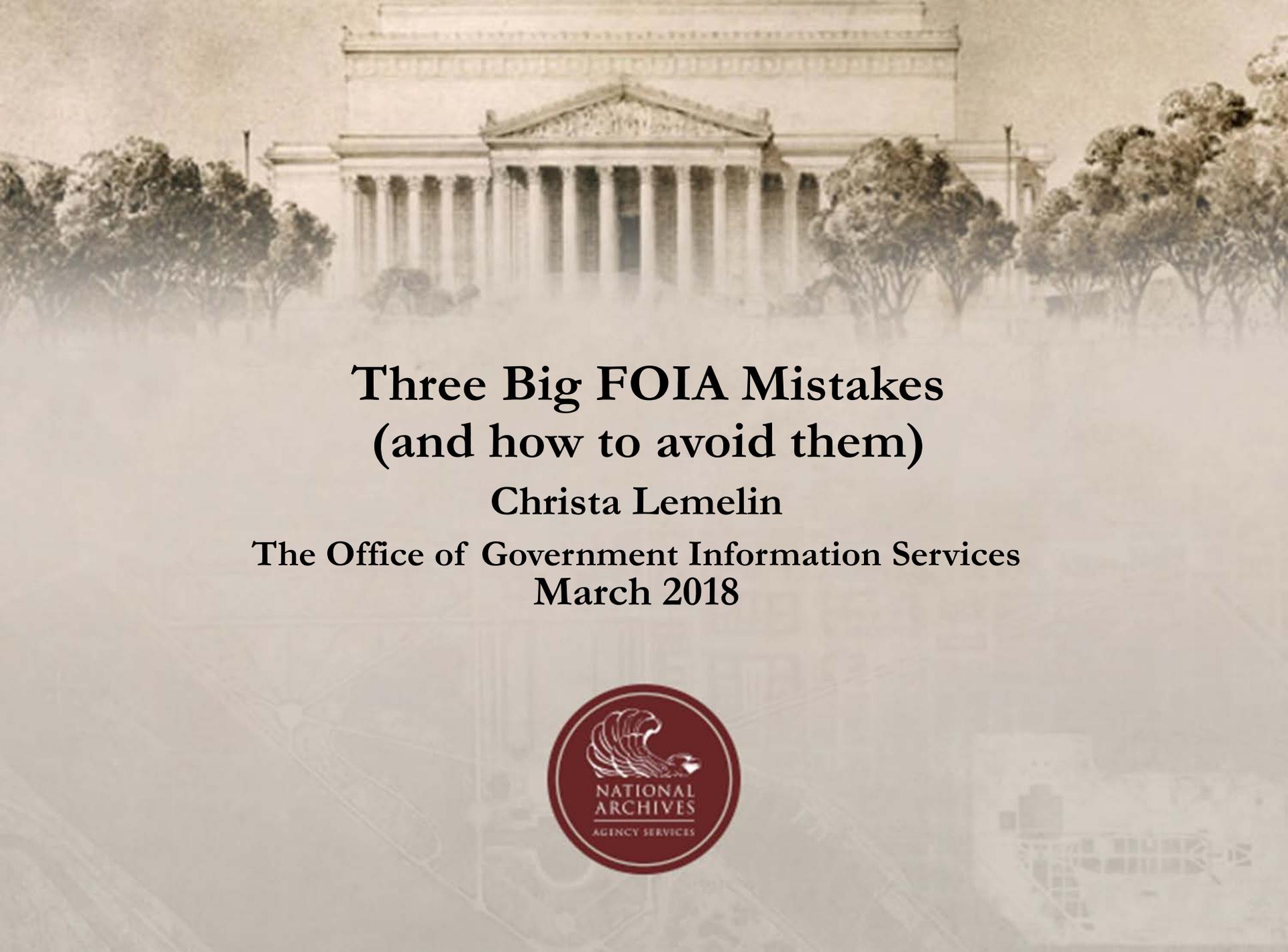
[Submit request](#)



## National FOIA Portal

### **Next Steps:**

- Ideas for future functionality:
  - Increased interoperability,
  - Status updates and tracking,
  - Additional reporting tools and features,
  - Guided features that get the requester to:
    - Already available information, and
    - If needed, to the correct agency to submit a request.



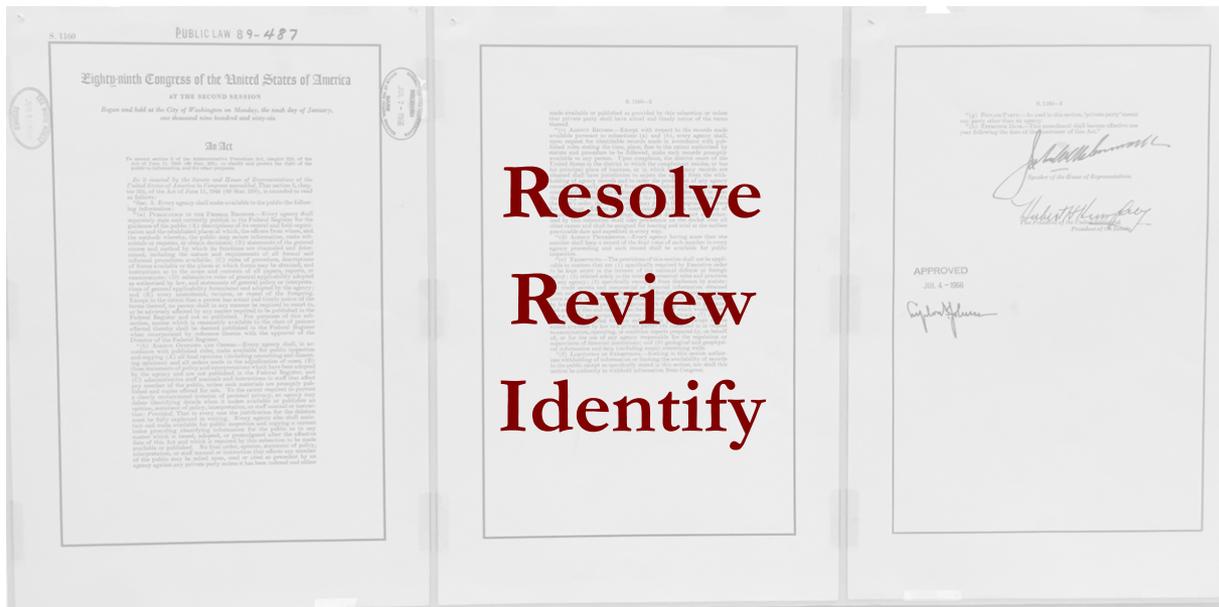
# **Three Big FOIA Mistakes (and how to avoid them)**

**Christa Lemelin**

**The Office of Government Information Services  
March 2018**



# OGIS's Statutory Mission





**1. Don't Provide Estimated Dates  
of Completion**

## 2. Don't Post Records Proactively



### **3. Don't Communicate Clearly**



# Contact OGIS

[www.archives.gov/ogis](http://www.archives.gov/ogis)

**OGIS@nara.gov**

**(202) 741-5770**

**(877) 684-6448**

**@FOIA\_ombuds**

**<http://foia.blogs.archives.gov/>**



MARCH, 2018

# Open Data in Washington, DC

Lessons from the Democratization of Data

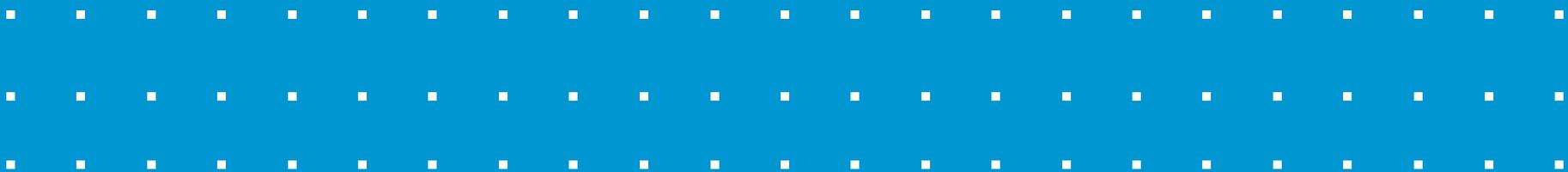
*Rob Pitingolo*



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# Urban: Greater DC



# Our Story

With our partners and neighbors, we work to ensure that the region's newfound prosperity and success reach all residents and that the benefits of growth are shared equitably.



# Greater DC's Local Data Intermediary

- A local data intermediary acts as the mediator between data and local stakeholders—nonprofit organizations, governments, foundations, and residents.
- Previously known as NeighborhoodInfo DC
- We collect local administrative data and present it at geographic levels unique to Greater DC



# We are Users of & Advocates for Open Data

- Open Data improves data access
  - Fewer one-on-one requests, agreements and MOUs
  - Encourages researchers to answer questions and tech developers to build tools around the data
- Open Data is not the be-all and end-all
  - Data can't analyze itself
  - Data can't tell stories
  - Data can't engage with the community
- Urban: Greater DC picks up where open data stops

# DC Pioneered Open Data

**DISTRICT OF COLUMBIA**

**MAJOR FEEDS**

**DC GUIDES**

**RESIDENTS**

**BUSINESS**

**VISITORS**

**GOVERNMENT**

**FOR KIDS**

## Data Catalog

For years the District of Columbia has provided public access to city operational data through the Internet. Now the District provides citizens with the access to 410 datasets from multiple agencies, a catalyst ensuring agencies operate as more responsive, better performing organizations. Use the data catalog below to subscribe to a live data feed in Atom format and access data in XML, Text/CSV, KML or ESRI Shapefile formats. Please note that by accessing the data catalog and feeds, you agree to our Terms of Use. Please read before accessing the data. All data visualizations on maps should be considered approximate. The visualizations provided by this application include only records that can be mapped. If you have any questions or comments about the DC Data Catalog, please contact us at [cityweb@dc.gov](mailto:cityweb@dc.gov). Visit DC FOIA page for information on FOIA requests.

**Create Your Own Visualizations using DC datasets**

Free websites such as Swivel and Many Eyes allow users to create and share a variety of data visualizations. Below are the links to some interactive graphs and charts created based on DC datasets. You can create your own visualization using already updated datasets or slice and dice data the way no one did before. Please email us at [cityweb@dc.gov](mailto:cityweb@dc.gov) if you want your visualization to be featured on this page.

2009 Service Requests  
Building Permits Paid Fees  
Assessment Roll  
Recent Crimes in DC  
Crime Statistics by Offence Type  
Crime Statistics by Police District  
Crimes - tag cloud

To learn more about these visualization tools, click here.

Disclaimer...

**Popular Downloads**

- CJIS Juvenile Arrests and Charges 2009
- CJIS Juvenile Arrests and Charges 2008
- Crime Incidents (ASAP) 2009
- Crime Incidents (ASAP) 2008
- Crime Incidents (ASAP) 2007
- Crime Incidents (ASAP) 2006
- Purchase Orders 2009
- Purchase Orders 2008
- Purchase Orders 2004-2007
- Public Space Permits 2008
- Public Space Permits 2004-2007
- ITSA Current Awarded Engagements
- Purchase Card Transactions (New)
- ITSA Current Open Requirements

**See it on Google Maps**

- 311 Service Requests
- Building Permits
- CBE's active in ITSA Program
- Completed Construction Projects 2007
- Completed Construction Projects 2008
- Completed Construction Projects 2009
- Crime Incidents (ASAP)
- Current Construction Projects
- DCPS Computer Deployment
- Housing Code Enforcement
- ITSA Current Awarded Engagements
- Public Space Permits

**Custom Downloads**

- 311 Service Requests
- Building Permits
- CJIS Juvenile Arrests and Charges
- Completed Construction Projects 2007
- Crime Incidents (ASAP)
- Current Construction Projects
- Public Space Permits
- Registered Property
- Registered Vacant Property

**Live Data Feeds**

- 311 Service Requests
- CJIS Juvenile Arrests and Charges
- Completed Construction Projects 2009
- Crime Incidents (ASAP)
- Current Construction Projects
- ITSA Current Awarded Engagements
- ITSA Current Open Requirements
- Public Space Permits
- Purchase Orders
- Registered Property
- Registered Vacant Property

**Get updates in other formats...**

**Subscribe to Data Catalog News feed to get updates.**  
For Developers, we provide the Data Catalog Description file and Data Catalog Updates.

For more information on government operations and performance monitoring visit the CapStat website or view Summary Reports.

**Text (CSV):** Use this format for easy access to the data. Text/CSV files could be opened by most desktop spreadsheet applications (e.g. MS Excel).

**Atom feed:** Better suited for consumption by automated programs capable of handling Atom files. Allows subscription to data feed for continuous updates. Learn more about Atom. We support GeorSS extension which includes location as part of a feed.

**XML:** Better suited for consumption by automated programs capable of handling raw XML files.

**ESRI:** Used for consumption by ESRI-compatible mapping applications. Most datasets in ESRI format are updated on a monthly or quarterly basis as they are not "operational" in nature.

**KML:** Used to display geospatial data in Google Earth, Google Maps, and similar applications.

Please note that data feeds contain the latest update from the source database (which might include records from several days ago and not today's date).

Display: All categories | Enter a keyword to search:

Category: **All categories**

Source	Metadata	XML	Text/CSV	Atom (GeorSS support)	XML/ESRI Shapefile	Maps	Download
Optimal Solutions and Technologies	ITSA Current Awarded Engagements	12/30/2009	12/30/2009	12/30/2009	12/30/2009	<a href="#">See it on Google Maps</a>	<a href="#">Download</a>
Provides information about the District's IT Staff Augmentation (ITSA) Awarded Engagements. <a href="#">XML Schemas</a>							
Optimal Solutions and Technologies	ITSA Current Open Requirements	12/30/2009	12/30/2009	12/30/2009			
Provides information about the District's IT Staff Augmentation (ITSA) Requirements currently open for a candidate submission by registered vendors. <a href="#">XML Schemas</a>							
Optimal Solutions and Technologies	ITSA Invoice and Vendor Payment Schedule	12/18/2009	12/18/2009	12/18/2009			
Provides information about the ITSA Invoice and Vendor Payment Schedule.							

# DC Continues to Lead in Open Data

DC.gov Sign In

## Open Data DC

Connecting You with Government Data

On this site, the District of Columbia government shares hundreds of datasets. DC realizes that data's greatest value comes from having it freely shared among agencies, federal and regional governments and with the public to the extent possible when considering safety, privacy and security. The District invites you to browse the data, download it as a file, analyze it with your tools, or build apps using our APIs.

### Published Apps and Data Uncovered

Jump into these government apps and dig up the data behind them.

- Residential House in Zone R
- Ridge Street, Ginkgo Trees
- Graffiti Removal Service
- John A. Wilson Building, DC

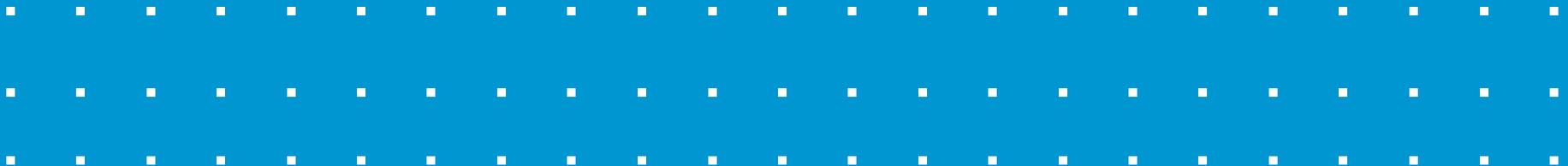


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# Open Data In Action

Examples and Lessons from our Work



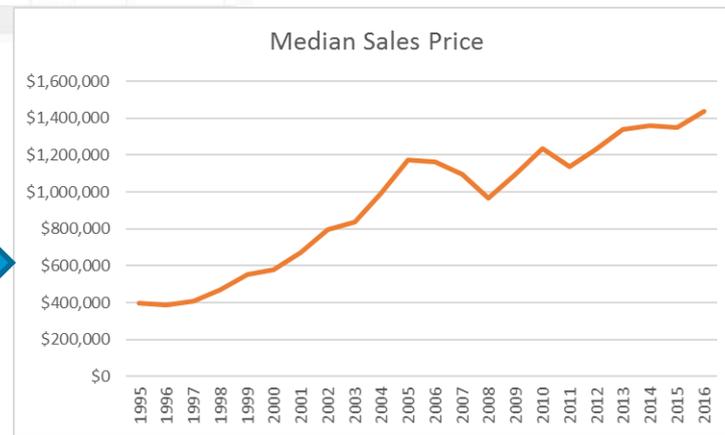
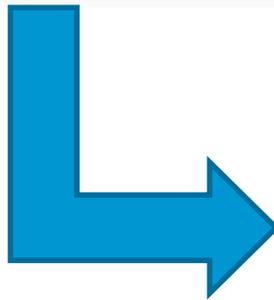
# Creating Longitudinal Data

Integrated Tax System Public Extract

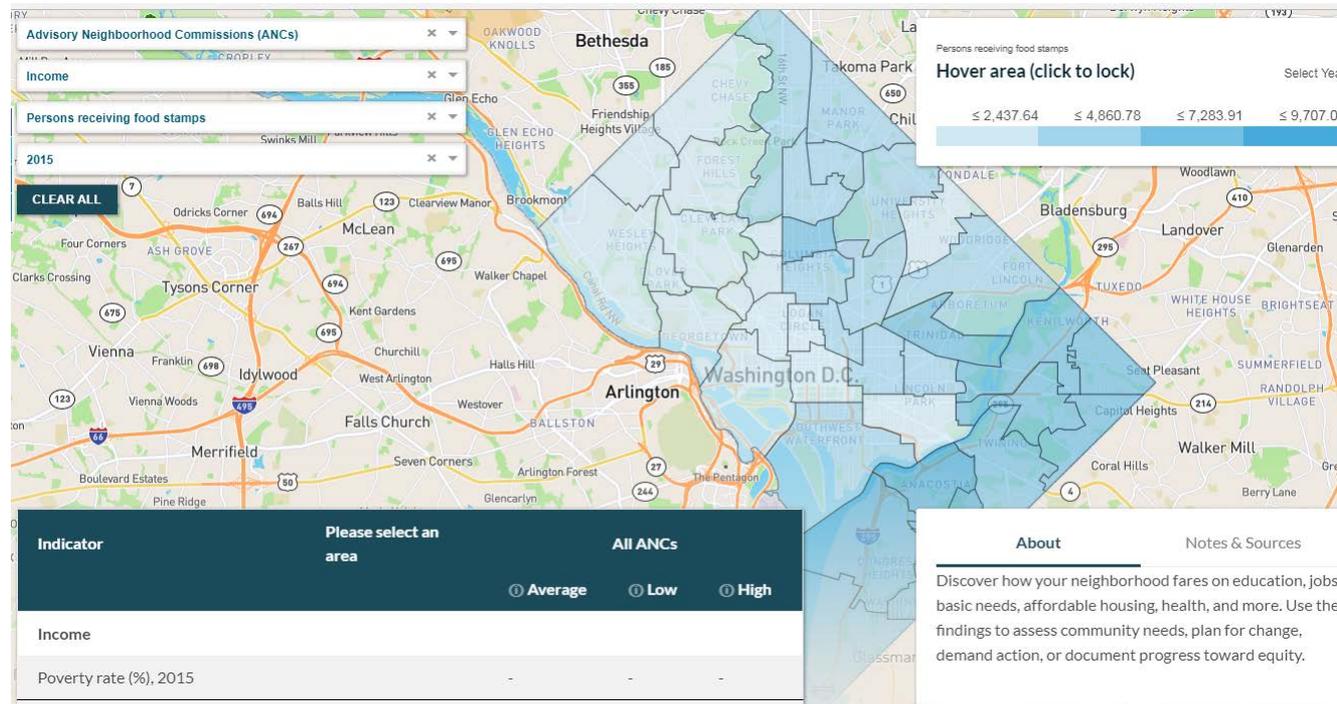
Showing 1 to 10 of 220,657

Hint: Click on ▼ to filter columns.

▼ BASEBUILD	▼ OLDLAND	▼ OLDIMPR	▼ OLDTOTAL	▼ NEWLAND	▼ NEWIMPR	▼ NEWTOTAL	▼ PHASELAND	▼ PHASEBUILD
0	34610	0	34610	34610	0	34610	34610	0
0	49440	0	49440	49440	0	49440	49440	0
0	267260	0	267260	267260	0	267260	267260	0
0	1818090	0	1818090	1818090	0	1818090	1818090	0
0	10375450	0	10375450	10375450	0	10375450	10375450	0
0	359380	0	359380	359380	0	359380	359380	0
0	370250	0	370250	370250	0	370250	370250	0
0	142590	0	142590	142590	0	142590	142590	0
0	180390	0	180390	180390	0	180390	180390	0
0	854320	0	854320	854320	0	854320	180390	0



# Summarizing Data in Standard Geographies



# Storytelling with Data

WASHINGTON, DC:

## OUR CHANGING CITY

### 1 Chapter 2: Schools 3 4

URBAN



For the first time in 50 years, [DC's population is on the rise](#), adding over 74,000 residents from 2000 to 2013. And new families in the District are changing the city's schools, driving the first increase in public school enrollment since the 1940s.

[Charters](#), a new kind of public school authorized in DC by Congress, have grown tremendously over the past 18 years. Enrollment in [traditional public schools](#) is starting to grow slowly as well, at least in the early grades.

DC's aggressive expansion of prekindergarten and preschool slots has contributed to this turnaround, drawing families into public schools earlier. And with the District's school choice program, students can apply for a seat in any public school - not just the one in their neighborhood - giving parents even more options.

What have these changes meant for families as they decide where to live and send their kids to school? In this chapter, we explore DC's changing public school enrollment trends since 2000, breaking the data down by grade, race, school, and ward.

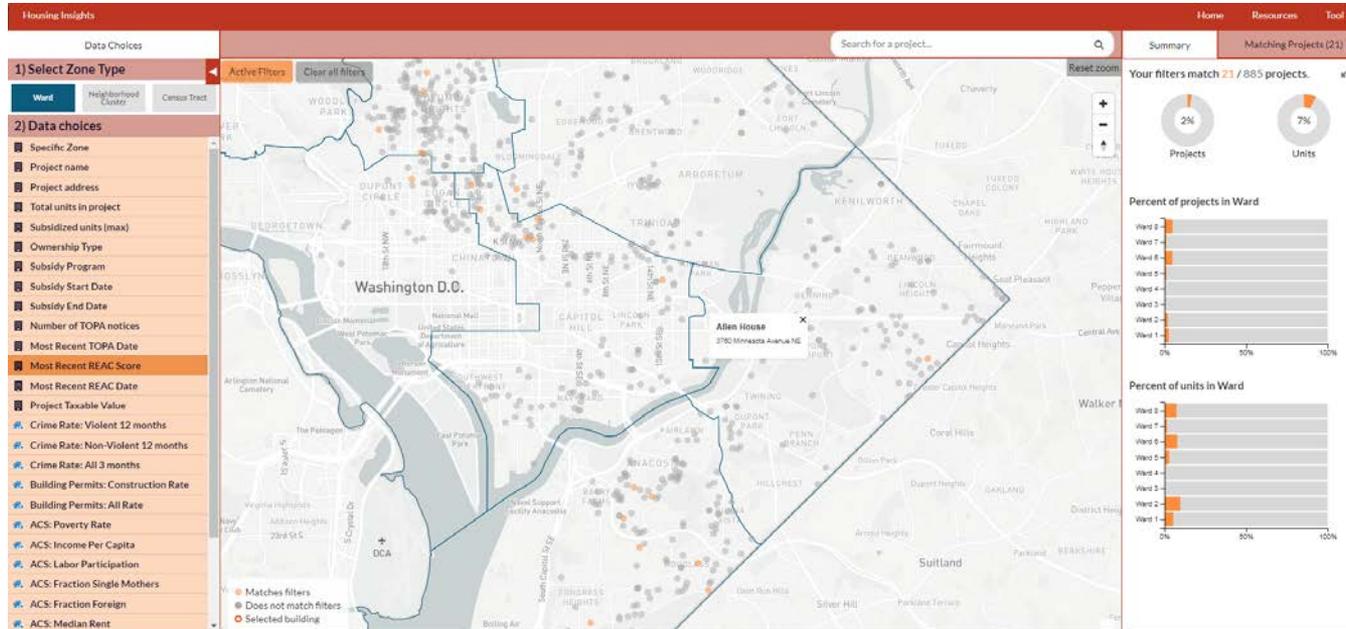
▶ EXPLORE



# Informing Community Decisions



# Evidence Based Policymaking



# National Neighborhood Indicators Partnership (NNIP)

Urban: Greater DC is a long-time NNIP partner

Collaborative effort of Urban Institute and over 30 local data intermediaries across the country

Local data intermediaries:

- Assemble, transform, and maintain data
- Disseminate information and apply the data to achieve impact
- Use data to strengthen civic capacity and governance

# National Neighborhood Indicators Partnership (NNIP)



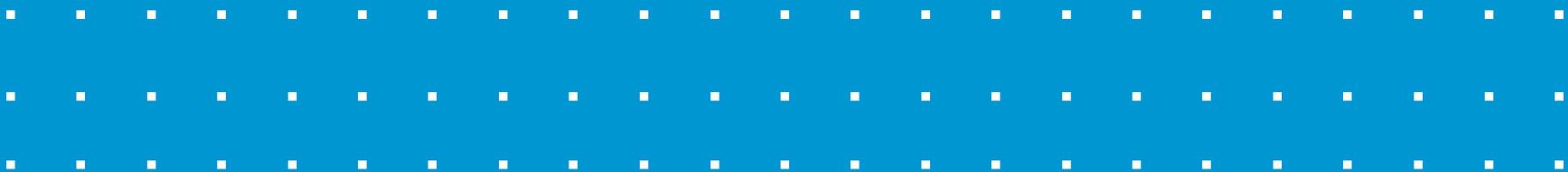


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Thank You!

Rob Pitingolo  
rpitingolo@urban.org



# “The Transformative Power of Data for Application Development”

David Landrith

United States Patent & Trademark Office

March 14, 2018

UNITED STATES  
PATENT AND TRADEMARK OFFICE



# A Story of Progress



*We the People*

**“To promote the Progress of Science  
and the useful Arts, by securing for  
limited Times to Authors & Inventors  
the exclusive Right to their respective  
Writing and Discoveries”**

Article 1, Section 8

**United States Constitution, 1787**



# USPTO Data Is Important

- The public uses Patent data to make business decisions
- USPTO had provided some data in bulk, other data piecemeal; stakeholders had to sift or give up
- More informed stakeholders
  - Less time searching data
  - More time being inventing & strategizing IP



# USPTO Data Strategy

## I. Engage Key Audiences & Plan with Users

- Identify high-level goals
  - Patent data is the leading indicator of innovation and R&D
  - How do we help the public leverage patent data?
- Partner with your audience to find out how to meet goals

## II. Execute Quick Wins & Long Term Transformation

- Find a receptive audience; be open to anyone
- Empower your best evangelists

## III. Be Visionary & Inclusive

- Market tomorrow with today's tools & appliances
- Learn to walk before running

# Reinventing USPTO's Data Approach



- Created a Federal 'startup' via **Digital Services & Big Data IT Portfolio** to execute strategy
  - Formalized data governance
  - Expanded reach of stakeholder contacts
  - Operated on shoestring budget
- Located allies and evangelists
- **Short Term Wins:** Created ground-breaking open data tools to fuel data communities
- **Long Term Vision:** To democratize Big Data for innovation

# USPTO Accomplishments

- 1<sup>st</sup> Public APIs to support Patent data; eliminated need to scrape USPTO web pages
- Award winning accessible platform (in less than 8 months)
  - Anyone can use it to access data
  - Data scientists can post their own visualizations
  - People can create new information that USPTO does not already know
- Demand-driven requirements
  - Users create their own data visualizations without engaging the USPTO
  - Users can port data to any visualization tool
- Economical distribution of USPTO data; public API for Patent data lessens drain on USPTO systems
- Potential for cross-disciplinary analysis breaks down silos; e.g., combining USPTO data & economic data creates new insights and lays foundation for public policy efforts

<https://www.uspto.gov/learning-and-resources/open-data-and-mobility>



# Before: Low Hanging Fruit

[USPTO Home Page](#) > [PTMT Home](#)

## Calendar Year Patent Statistics (January 1 to December 31) General Patent Statistics Reports Available For Viewing

The Patent Technology Monitoring Team (PTMT) periodically issues general statistics and miscellaneous reports that profile patenting activity at the U.S. Patent and Trademark Office (USPTO). Several PTMT reports are free while some other products and services are available at reasonable cost. Specialized services and custom reports also may be available subject to the availability of resources. For a detailed description of available PTMT products and services, please consult the PTMT Products and Services Brochure.

### Notes for Users

- PTMT reports display patent statistics and data by calendar year (1 January to 31 December).
- For most users, reports displaying [utility patent](#) statistics will be the ones of interest - utility patents are also known as "patents for inventions."
- Reports that have a PDF file extension (e.g., "topo\_15.pdf") may be viewed using free [Adobe® Acrobat® Reader](#) software.
- Listed drill-down reports are indicated with an asterisk (\*).
- **The most recently updated PTMT reports include data for patents granted through 2015.**

### Table of Contents

- General Patent Statistics Reports Available for Viewing, By Report Category
  - [General Overview Reports - By Type of Patent Document](#)
    - [Patenting of Ornamental Designs \(Design Patents\)](#)
  - [By Geographic Origin](#)
    - [By U.S. Metropolitan Area, Micropolitan Area, and County \(\\* updates through 2015 \\*\)](#)
  - [By Patenting Organization](#)
  - [By Patented Technology](#)
  - [By Ownership Location and Domestic Inventor Share \(\\* New \\*\)](#)
  - [By Industry-Based Category or Product Field \(NAICS\)](#)
  - [By Inventor](#)
  - [Historical and Extended-Year Statistics](#)
  - [Miscellaneous Tables, Reports, and Other Materials](#)

[Home](#) > [List of Viewable PTMT Reports](#) > [Table of Contents for This Set of Reports](#)

U.S. PATENT AND TRADEMARK OFFICE  
Patent Technology Monitoring Team (PTMT)

## U.S. Resident Inventors and Their Utility Patents Breakout by State Regional Component

Count of 2000 - 2015 Inventors and Their Patents  
As Distributed By Calendar Year of Patent Grant

- Explanation of Data -

Inventors Residing In

MASSACHUSETTS

And a Rank-Ordered Listing of the Inventor Residence  
Locations by Regional Component (e.g., County)

(Inventor residence corresponds to residence at the time of grant)  
(An inventor having multiple patents is counted multiple times, once for each patent)  
(A single patent with multiple inventors is counted multiple times, once for each inventor)  
(Counts may not sum exactly due to rounding - see Explanation of Data)

This table displays regional components (e.g., counties) of the profiled area and counts of resident inventors and their utility patents; con

FIPS Code	Mail Code	State or Territory	Regional Area Component	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
25017	MA	MASSACHUSETTS	Middlesex County	3978	4368	4313	4808	4750	4113	5314	4590	5023	5296	7156
25021	MA	MASSACHUSETTS	Norfolk County	1031	1162	1049	1204	1061	939	1160	1096	1090	1099	1498
25025	MA	MASSACHUSETTS	Suffolk County	759	808	835	927	925	797	1023	931	1040	1045	1432
25027	MA	MASSACHUSETTS	Worcester County	888	866	874	950	968	823	1111	1028	1049	1193	1511
25009	MA	MASSACHUSETTS	Essex County	706	839	850	957	938	816	976	830	866	958	1315
25005	MA	MASSACHUSETTS	Bristol County	313	305	348	321	419	278	434	350	311	286	424
25023	MA	MASSACHUSETTS	Dorchester County	100	114	106	117	160	102	111	166	177	216	



# After: Open Data Portal & Developer Hub

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Application Programming Interfaces

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Version: 1.0.0  
The PatentsView API is intended to inspire the exploration and enhanced understanding of US intellectual property L...

**BDSS**  
Version: 1.1.0  
Bulk Data Storage System (BDSS) API allows the public to discover, search by date, and download patent and trademark...

**Unified Event API**  
Version: 1.0.0  
USPTO sponsors/hosts a wide variety of public facing events daily. USPTO publishes information about these events on...

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Contains (GAIN 2002 - Present) the full text, images/drawings, and complete mark-ups (claims, mathematical expressions, chemical structures, and generic responses) of each patent grant. Describes reservations issued weekly (Thursday) in CY2016. The file format is extensible Markup Language.

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## Utility Patent Application & Grant Count (2 visuals)

### Combination of Patent Application Counts & Grant Counts Foreign vs. U.S. Origin

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#### Utility Patent Application & Grant Count (2 visuals)

#### Apple Finances by Utility Patent Count

#### Utility Patents per State over Time

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## USPTO APIs

See what new APIs the US Patent and Trademark Office have come out with.

### What is an API?

An API is an Application Programming Interface. It is a set of routines, protocols, and tools for building software and applications. A good API makes it easier to develop a program by providing all the building blocks, which are then put together by the programmer.

For each of the APIs, links are provided to the associated online or Swagger documentation. Swagger is used to define a standard, language-agnostic interface to REST APIs which allows both humans and computers to discover and understand the capabilities of the service without access to source code, documentation, or through network traffic inspection. Other documentation and a REST interface that demonstrates the associated API is also provided.

#### PatentsView

Version: 1.0.0

The PatentsView API is intended to expose the application and enhanced understanding of US intellectual property (...)

- API tutorial
- View on Client Application
- API documentation

[View API details](#)

#### BDSS

Version: 1.0.0

B-D-Data Storage System (BDSS) API allows the public to discover, search, by date, and download patent and trademark (...)

- API tutorial
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#### Unified Event API

Version: 1.0.0

USPTO sponsors events a wide variety of public facing events daily. USPTO publishes information about these events (...)

- API tutorial
- View on Client Application

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# First Ever API Catalog

The screenshot shows the USPTO Open Data Portal API Catalog page. The header includes the 'uspto' logo, navigation links for 'About Us', 'Careers', and 'Contact Us', and a sub-header 'Open Data Portal (beta)'. A secondary navigation bar contains 'Home', 'Bulk data', 'Visualizing our data', 'Our community', 'API catalog', and 'About USPTO open data'. The main content area features a blue banner with the title 'USPTO APIs' and the subtitle 'See what new APIs the US Patent and Trademark Office have come out with.' Below the banner, there is a section titled 'What is an API?' with a definition and links to 'API Syntax', 'View on Client Application', and 'API documentation'. To the right, a 'Created something with our data?' section includes a 'Let US KNOW' button and a 'Share your work!' button. The main content area is divided into three API cards: 'PatentsView' (Version: 1.0.0), 'BDSS' (Version: 1.1.0), and 'Unified Event API' (Version: 1.0.0). Each card provides a brief description, links to 'API Syntax', 'View on Client Application', and 'API documentation', and a 'View API details' button. The 'PatentsView' card has a 'Patents' tag, 'BDSS' has a 'Patents: Trademark' tag, and 'Unified Event API' has an 'Events' tag.

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For each of the APIs links are provided to the associated syntax or Swagger documentation. Swagger is used to define a standard, language-agnostic interface to REST APIs which allows both humans and computers to discover and understand the capabilities of the service without access to source code, documentation, or through network traffic inspection. Other documentation and a client interface that demonstrates the associated API is also provided.

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- API Syntax
- View on Client Application

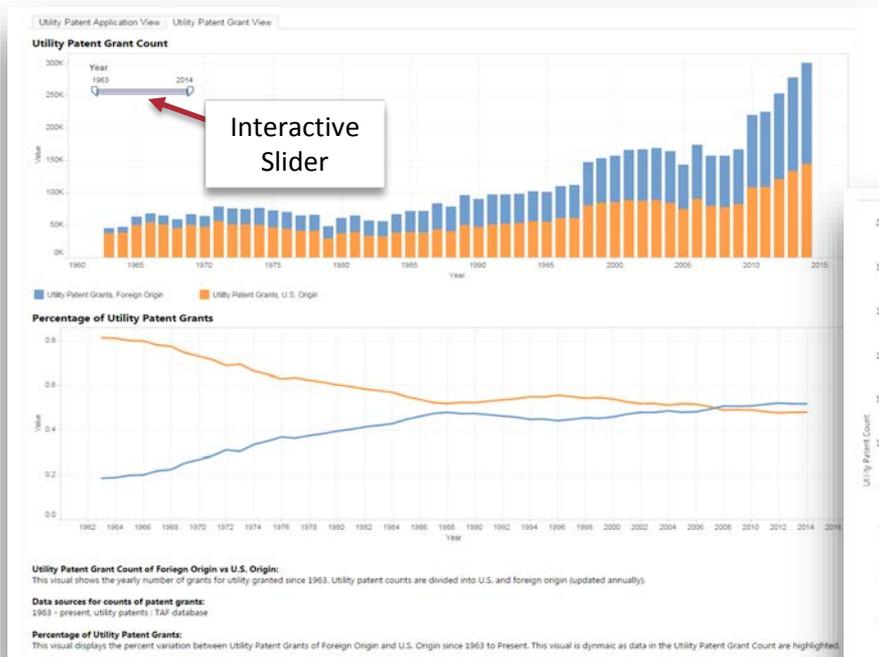
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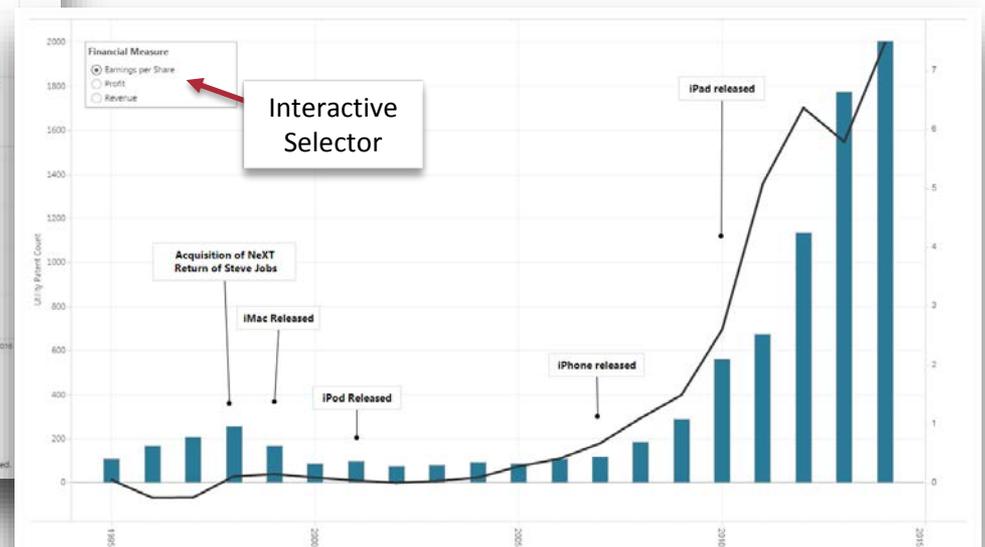
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## Patents Granted from Filers:

### Domestic vs Foreign

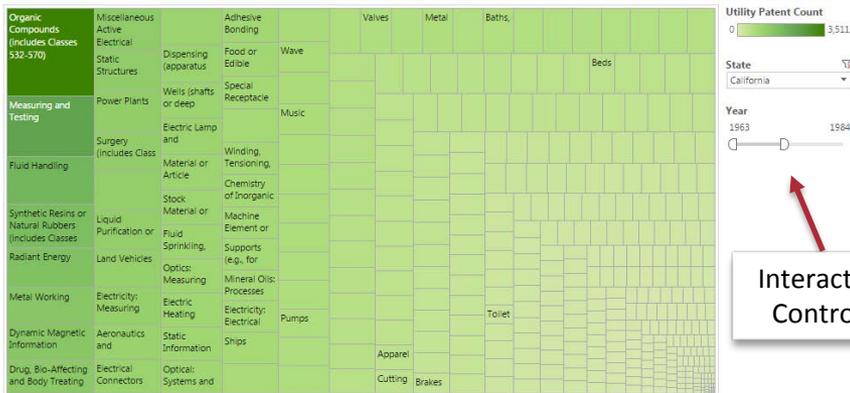


## Apple Earnings per Share vs Utility Patent Count



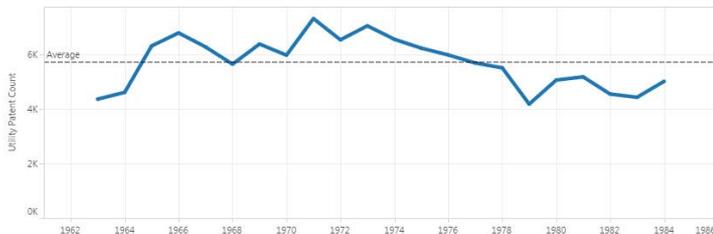
# Highest number of Granted Patents by Classification in California

## 1963-1984

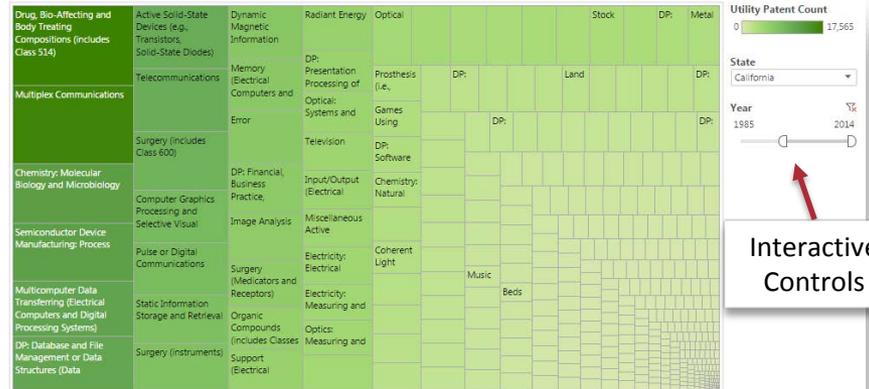


Interactive Controls

TOTAL: 125464

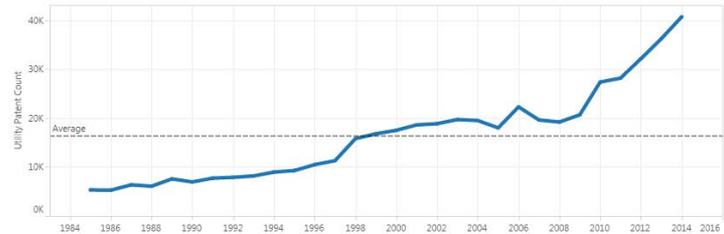


## 1985-2014

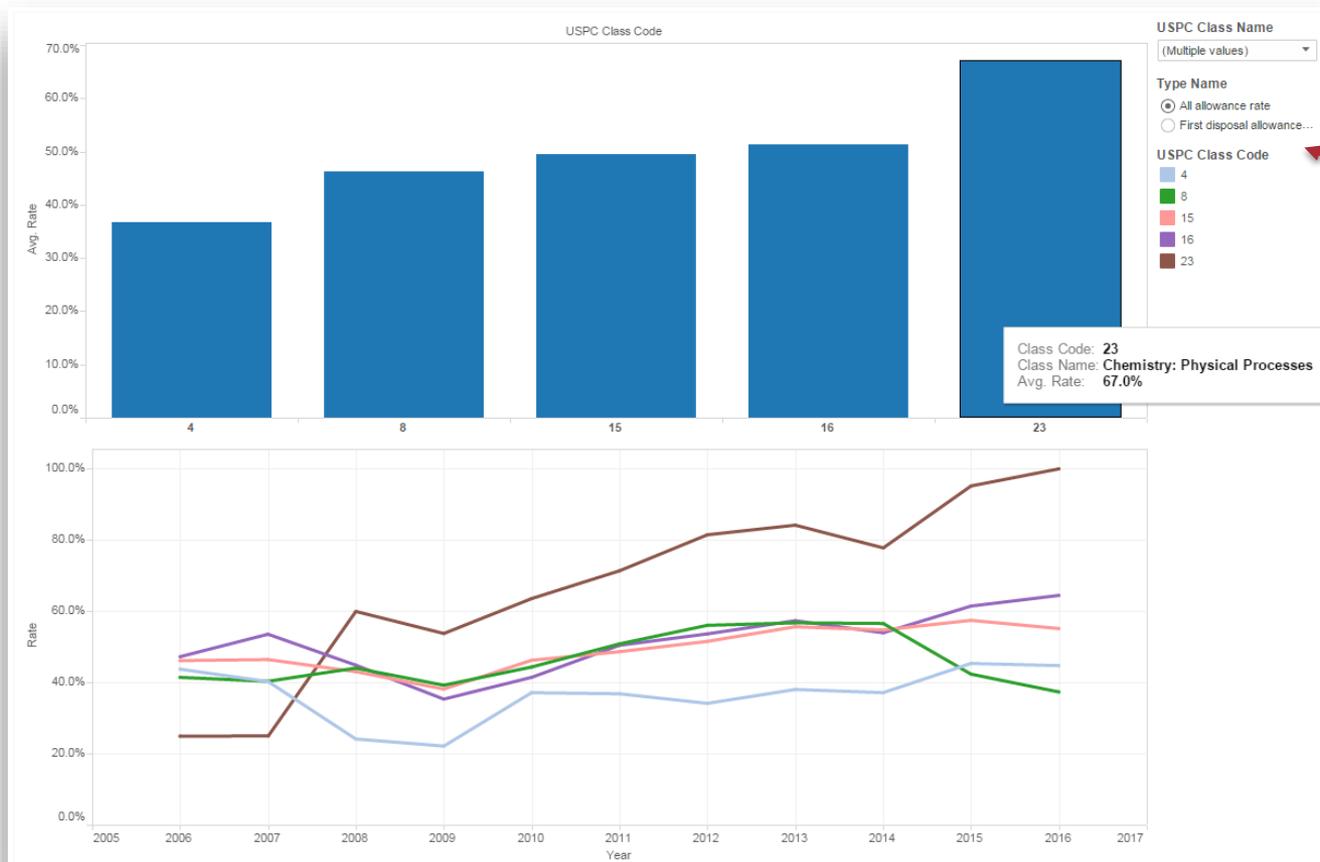


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TOTAL: 492033



# Allowance Rate for selected USPC classifications



Interactive Selector





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## Our community

Our open data community is an aggregate of open data developer community conversations and provides a place to showcase your ideas, talents, and innovative uses of USPTO data.

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- Empower the public to make smarter decisions by providing superior tools & information
- Inspire collaboration & innovation across the government and private sector

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Zachary Whitman, Chief Data Officer,  
Decennial Information Technology Division,  
U.S. Census Bureau