SHORENSTEIN CENTER
ON MEDIA, POLITICS AND PUBLIC POLICY

Data, Technology, and Innovation in Government

Seminar 10: Regulatory Modernization
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Seminar Background

Personal Background

- Government: White House, Federal Communications Commission,
- Technology VC: Insight Venture Partners, Lehman Brothers, Polaris

Goals

- Expose you to real projects, policy, and people
- Raise your Tech IQ
- Get credits toward your GSD degree

Logistics: Students get priority, seminar is not for credit

Seminar Series

- Introduction to Open Data
- Government Digital Services
- Privacy and Personal Data Portability
- Marketing U.S. Data: Data Jams, Datapaloozas, Hackathons, Prizes, & CDOs
- Government Spending Transparency
- Smart Cities/Internet of Things
- Data Journalism
- Freedom of Information Act
- Healthcare.gov: A Case Study
- Regulatory Modernization & Seminar Wrap Up

Tools for regulatory modernization

Greater participation in rule-making

Regulatory sandboxing and testing

Simplicity and user-centered design

Regulatory Digital Services that are comparable to leading private sector apps and services

OPEN DATA

Transparency and open data

“Algorithmic Regulation”

“Laws and regulations that focus on desired outcomes rather than the processes used to achieve them”
- Tim O’Reilly

Performance Standards vs Design Standards

Reputation Systems and Reduced Role of Government

Sensors and New Technologies

CFPB's Simplified Disclosures

http://www.consumerfinance.gov/knowbeforeyouowe/

CFPB's e-regulations

http://www.consumerfinance.gov/eregulations/about

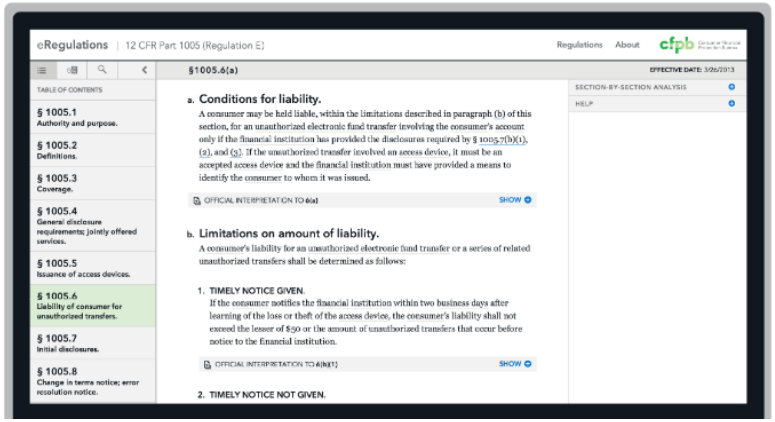
eRegulations Regulations About cfpb Consumer Financial Protection Bureau

About eRegulations

eRegulations makes regulations easy to read and navigate. It clarifies regulations by bringing related information and regulatory history to the forefront. It is a work in progress by the Consumer Financial Protection Bureau, and is a public domain work of the United States Government.

DEVELOPERS
eRegulations is an open source project. Visit the project repository to learn more and contribute.

Easy to read



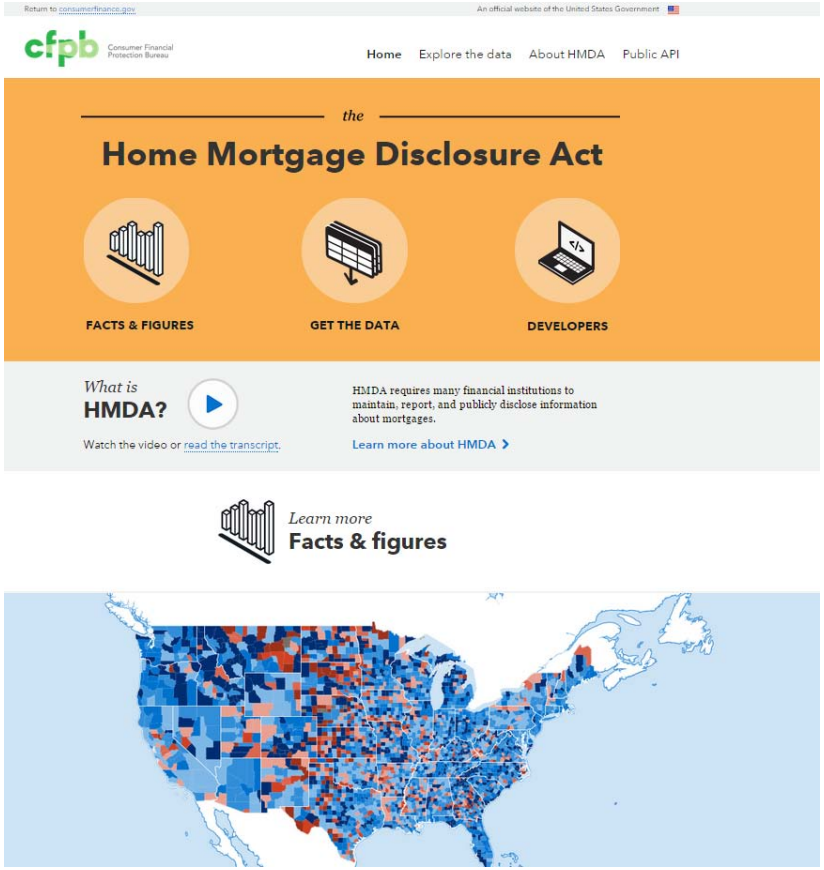
Clear typography makes regulations legible and easy to scan.

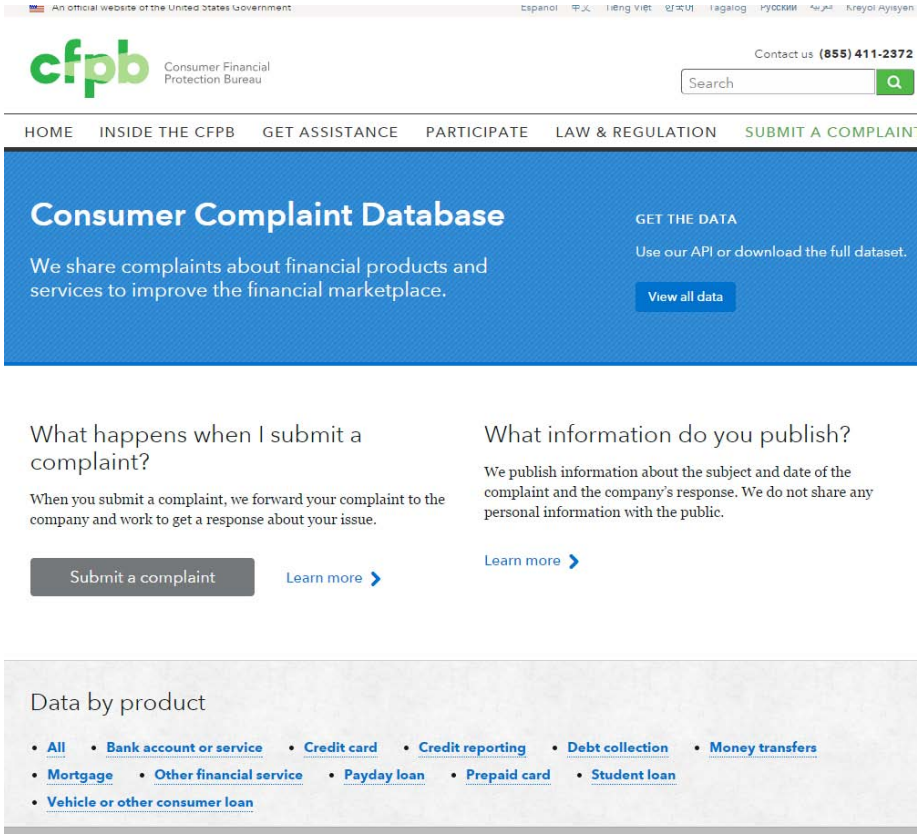
Responsive design adapts the tool to fit to your screen.

CFPB's Open Data:
HMDA and Consumer Complaints

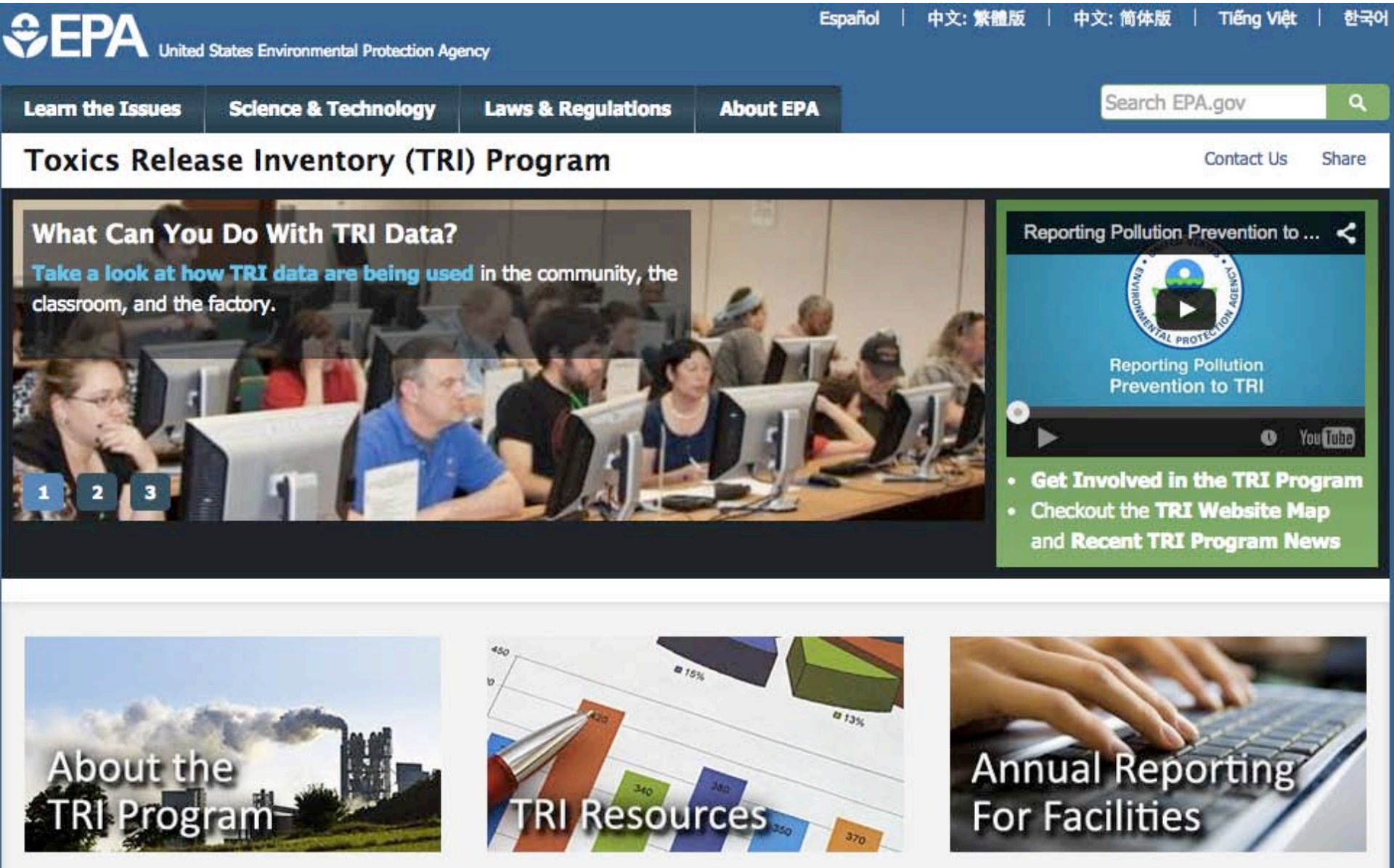
http://www.consumerfinance.gov/hmda/

http://www.consumerfinance.gov/complaintdatabase/



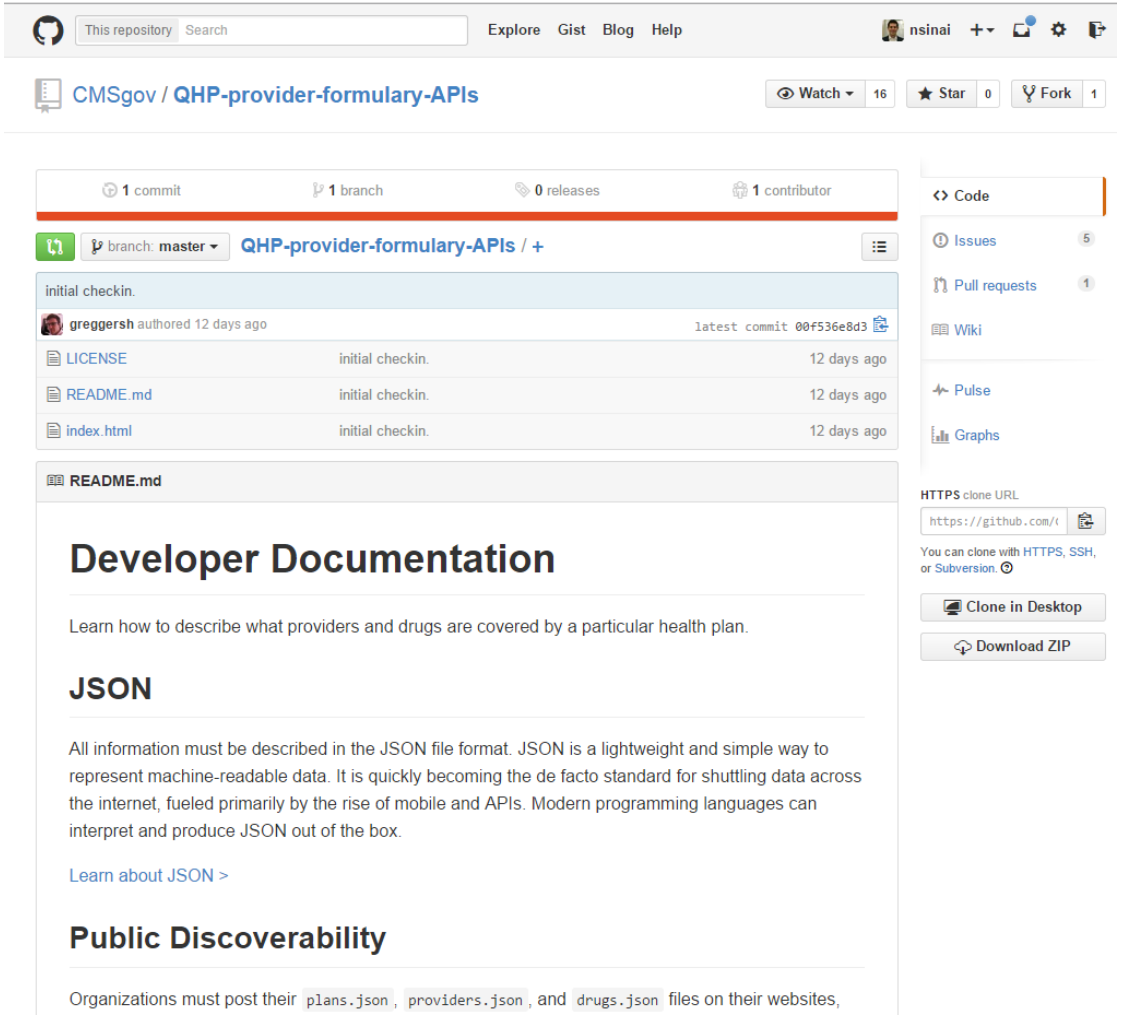


EPA Toxic Release Inventory



Publish Structured Data
(as opposed to submitting it, or worse, PDFs)

https://github.com/CMSgov/QHP-provider-formulary-APIs



Discussion Topics

The role of civic engagement and open data in modern regulation?

What is the impact on rule design? On enforcement?

Which markets are most influenced?
(environmental, safety, labor, financial markets, etc.)

How do you manage the risks of data-driven discrimination?

Additional Resources on Regulatory Modernization

Tim O'Reilly, Open Data and Algorithmic Regulation:
http://beyondtransparency.org/chapters/part-5/open-data-and-algorithmic-regulation/

White House, "Reducing Costs and Burdens: Further Progress in Regulatory Lookback Effort,"
https://www.whitehouse.gov/blog/2014/05/07/reducing-costs-and-burdens-further-progress-regulatory-lookback-effort

White House, "Big Data: Seizing Opportunities, Preserving Values,"
https://www.whitehouse.gov/sites/default/files/docs/big_data_privacy_report_may_1_2014.pdf

Data, Technology and Innovation Seminar Wrap Up

Top 5 Takeaways

1. *Tech, Data, Innovation, and Design* are essential to the study and practice of government

2. *Open government data*—as fuel for innovation and for accountability—is an strategy all governments should undertake

3. *Privacy protection and giving citizens back their own data* are important to build trust and empower citizens to fuel innovation

4. *Bringing lean-start up and user-centered design* to rapidly prototype ideas is essential to public sector entrepreneurship

5. *Designing great user-centric digital services* is the next great challenge for our generation **(Government needs YOU!)**

“GSD” Degree

1. Be Relentlessly Practical
2. Be Collaborative –
   Open is Better than Closed
3. Constantly Iterate
4. Demonstrate High Empathy, EQ, & Humility
5. Keep Learning