Open Data?

California Health and Human Services (CHHS) Open Data

Governance (across 12 departments)

Culture (data and innovation)
What is open data?

• Data that can be freely used, reused, and redistributed by anyone
• Machine-readable, non-proprietary format, clear metadata and documentation
• Makes publicly available data (usually ‘locked’ in PDFs on our web pages) more usable
• Typically focused on government and transparency in government

Why open data?

• Open data is changing how we deliver and consume data
• Already directly impacting our everyday lives (e.g. public transportation apps)
• Better data management for better access, more timely updates, efficiency
• Helps change government culture and breaks down government siloes
• Engaging stakeholders creates collaboration with local communities
Open data helps transform government through four pillars of impact:

- Constituent Empowerment
- Data Driven Decision Making
- Operational Efficiency
- Economic Development
SF OpenData

Tadich Grill

1604 reviews

$33 • Seafood, American (Traditional)

Today is a holiday! Business hours may be different today.

240 California St
San Francisco, CA 94111

Get Directions
(415) 391-1849

Health inspection 85 out of 100

“Tried this restaurant in default because Sotto Mare was closed for the week and I wanted to get some Cioppino.” in 280 reviews

“Everything was really good, from the bread to the salad to the clam chowder, to the entrees (fleit and tortellini/salmon).” in 230 reviews

Full menu
Price range $31-60

85 Health inspection 85 out of 100
Who Uses Open Data?

What are the major stakeholder groups interested in government data?

| Ordinary but Interested Citizens | Researchers, Scientists, Analysts, Economists & Journalists | Developers & Entrepreneurs |

Government Employees
CHHS Agency-wide open data program initiated 2014

• Emerged from interest in data sharing and interoperability
• All 12 departments publishing data (full participation)
• Sustain and expand via annual publishing plans
• Started with CHHS Open Data Handbook
1. Data Discovery
   - Central catalog for “one stop shop”
   - Find data via search, browse, filter
   - “Single source” of truth for public data

2. Data Useability
   - Download tabular data
   - Machine-readable, auto-updated APIs
   - Self-service visualization
   - Embed on websites and social media

3. Data “Digestibility”
   - Strong metadata
   - Standard documentation to help understand complex data
   - Data dictionaries
1. Data news stories
   - New York Times, LA Times on 2014 measles outbreak
   - Fresno Bee series on asthma

2. Apps
   - Helps the community
   - Improve service delivery
   - Co-developed with civic tech partners

3. Interactive visualizations
   - API driven and auto updated
   - Built with best of breed tools
   - Important to contextualize data
CHHS Open Data program opportunities and benefits

• Model governance implementation
  • Agency-wide governance structure sustains open data program
• Engaging media, civic technologists, local communities
  • Relationship-building, beyond data transparency
• Drive culture change in departments
  • The value of data assets beyond program requirements
• Encourage peer-to-peer collaborations
  • Data conversations across traditional department silos
• Align priority Agency initiatives
  • Let’s Get Healthy California, Agile, shared services
• Catalyst for innovation efforts
  • Pivot to internal data use
CHHS Agency Governance (data and technology)

And governance is expanding
California Health and Human Services Agency

DATA PLAYBOOK

A Department’s Toolkit to Utilizing Data

Five plays for your department

Here are five plays designed to help Departments utilize data to inform program and policy development. These plays can also be used to navigate CHHS Governance processes. Each section features detailed best practices.

A play contains data strategies, approaches and actions a Department may use to administer programs and address policy issues.

1. Define: goals & objectives
2. Assess: tools & capabilities
3. Implement: plan & strategy
4. Evaluate: outcomes & impacts
5. Share: progress & results

https://chhsdata.github.io/dataplaybook/
CHHS Data Governance opportunities and benefits

• Open Data
• Data Playbook
• Data Sharing Agreement
• Data De-identification Guidelines
• Data Management Strategies
  • Standards, MDM, HIE
• Data Analytics Capacity
• “Data Expo” events
CHHS Open Data Portal | chhs.data.ca.gov

CHHS Innovation Movement

**Access to:**
- Demographic data
- Disease and conditions data
- Facilities and services data
- Human interest data
- Analytics

**Transform the:**
- Traditional procurement practices that better support “users” through modular and agile methodologies

**Connection to:**
- Dedicated platform, website, and additional resources for making CA the healthiest state in the union
  - Better Health
  - Better Care
  - Lower Costs

**Catalyst to:**
- Rapidly execute user-centered solutions that are focused on leveraging data, analytics, and digital services, to improve agency and department performance and outcomes

Open Data Portal

Agile Development & Lean Procurement Strategies

Let’s Get Healthy California

Innovation Office

CHHS Innovation Use Case Teams (2 cohorts)
Creating a Culture of Innovation (data and innovation)

1. **Collaborate** (with departments and external partners)
2. **Value** (demonstrate to end-users and departments)
3. **Test small, fail small, scale big** (create an environment where intelligent risks are encouraged and rewarded)
4. **Customer-oriented** (user-centered design principles)
5. **Consultation** (consensus building with rapid decision making)
6. **Partnerships** (public and private-sectors)
7. **Analytics** (data-driven decision making)
8. **Digital Services** (creation and adoption of to create programmatic efficiencies)
9. **Delivery** (focus on execution and doing the work)
10. **Scalable** (sustainable agency-wide benefits)
Thank you!

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THANK YOU