

YOUR CITY'S OPEN DATA

A VISUAL PERSPECTIVE

Open Data: Your city requires that its departments publish their data through a single web portal.

The Work Ahead: How to make open data

1. Relevant and complete?
2. Easy to find, validate and use?

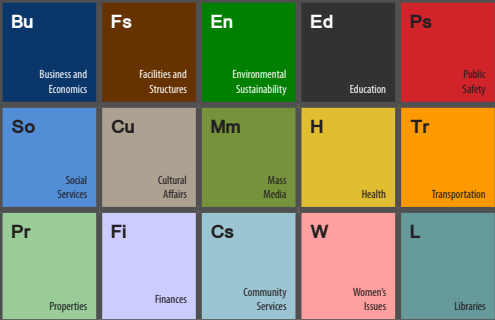
How does your city categorize its data?

In order to deliver the many different services your city requires, your city has many different departments.

To simplify the vast types of information, your city has defined a set of information categories.

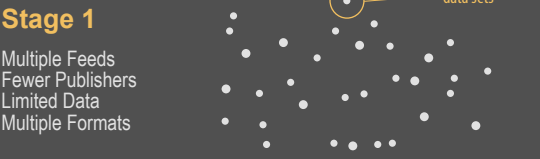
Categories are a user's map to finding the data that users seek for application development, policy analysis, and many other uses.

As use cases evolve, it is likely that the categories will as well.



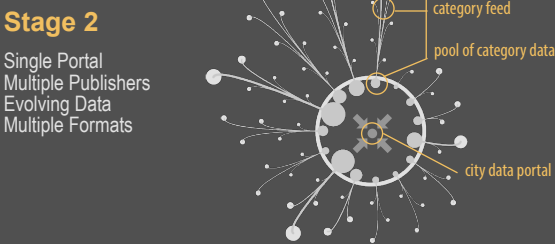
Finding, validating and using city information: How will this evolve?

Not long ago, a user of city data had to separately approach multiple departments in order to obtain city data.



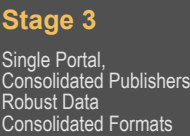
Today, this is simplified by having a city-wide data portal where departments publish their data.

In the early stages of this data portal, consistency of the source and format of data in each category will be an issue.



In the future, each category of data will eventually have fewer and better publishers as city departments consolidate publishing roles based on their core mission.

New York City may also choose to evaluate the importance of data based on hypothetical use cases, and the likely ease (or the lack of ease) of comparing and validating data sets across multiple departmental publishers.



Your city's data is becoming easier to find, validate and use, and is available for many different categories of information.

VIEW OF THE DATA:

Your city's data portal offers over 15 categories of data, each supported by 1-8 city departments.

This data map shows:

- Departments that are publishing data
- The categories of information that the departments publish
- The size, by number of data sets, that each department contributes to a category
- Each category is shown as a stream of departmental publishers that feeds into a pool of category information within the portal

YOUR CITY'S OPEN DATA MAP

Department Key

A1	Department of Technology
A2	Department of Finance
A3	City Oversight Board
A4	Department of Education
A5	Parks and Recreation
A6	Youth Services
A7	City Planning
A8	Taxi Oversight Board
A9	Consumer Affairs
A10	Environmental Protection

B1	Commission on Women's Issues
B2	Economic Development Corporation
B3	Office of Management and Budget
B4	Department of Hospitals
B5	Department of Health
B6	Office of Emergency Management
B7	Northern Public Library
B8	Eastern Public Library
B9	Department of Records
B10	Cultural Media & Entertainment Commission

B11	Office of Film, Theater and Broadcasting
B12	Department of Transportation
B13	Fire Department
B14	Department of Sanitation
B15	Department for the Aging
B16	Department of Cultural Affairs
B17	Landmarks Preservation
B18	Department of Administration
B19	School Construction Board
B20	Department of Buildings
B21	Environmental Protection
B22	Board of Elections
B23	Office of Operations
B24	Business Integrity Commission

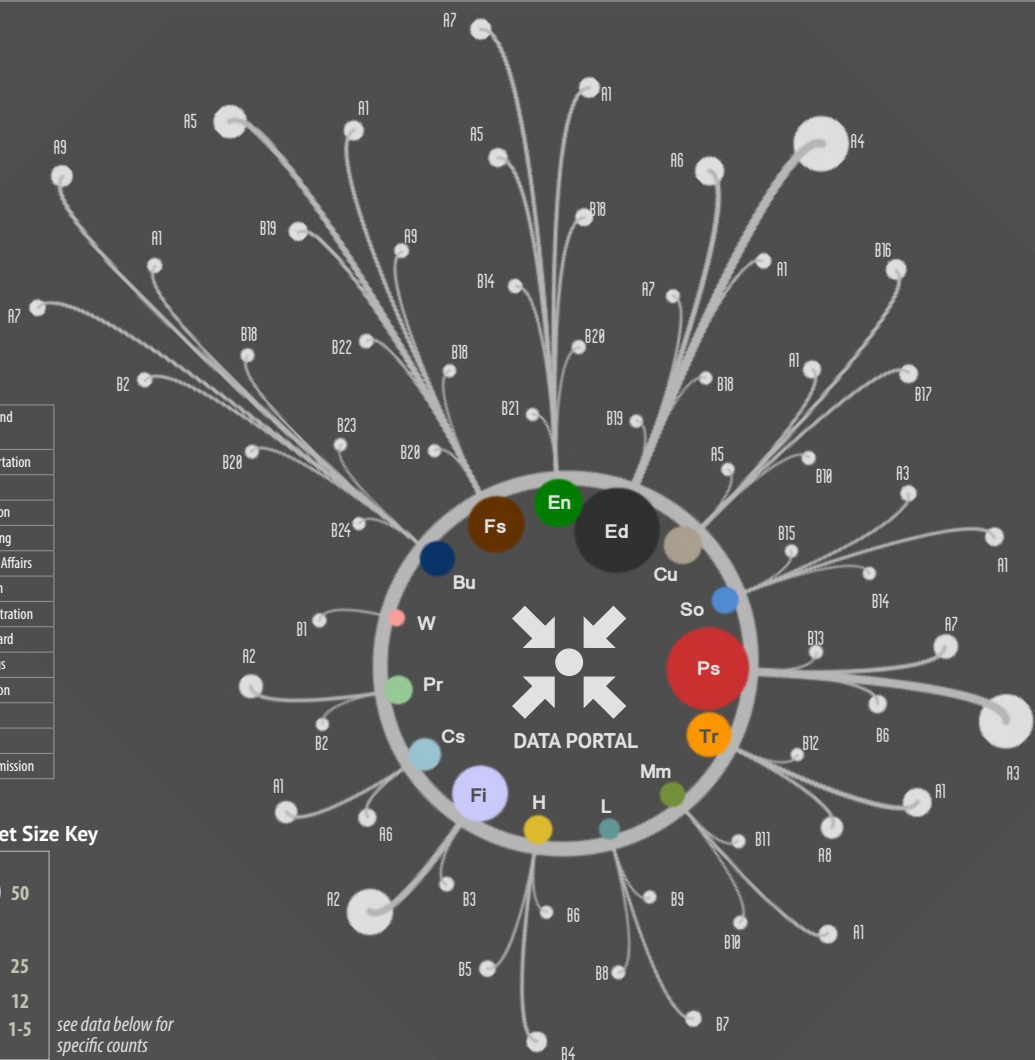
Category Key

Bu Business and Economics	Fs Facilities and Structures	En Environmental Sustainability	Ed Education	Ps Public Safety
So Social Services	Cu Cultural Affairs	Mm Mass Media	H Health	Tr Transportation
Pr Properties	Fi Finances	Cs Community Services	W Women's Issues	L Libraries

Data Set Size Key



see data below for specific counts



Categories by Department

Most categories have more than two departmental publishers.

As more departments publish to a category, the scope and quantity of the data will naturally increase.

However, as the number of departmental publishers increase for each category, it is more likely that the category will feature different data formats and structures that will have to be reconciled and validated by the end-user.

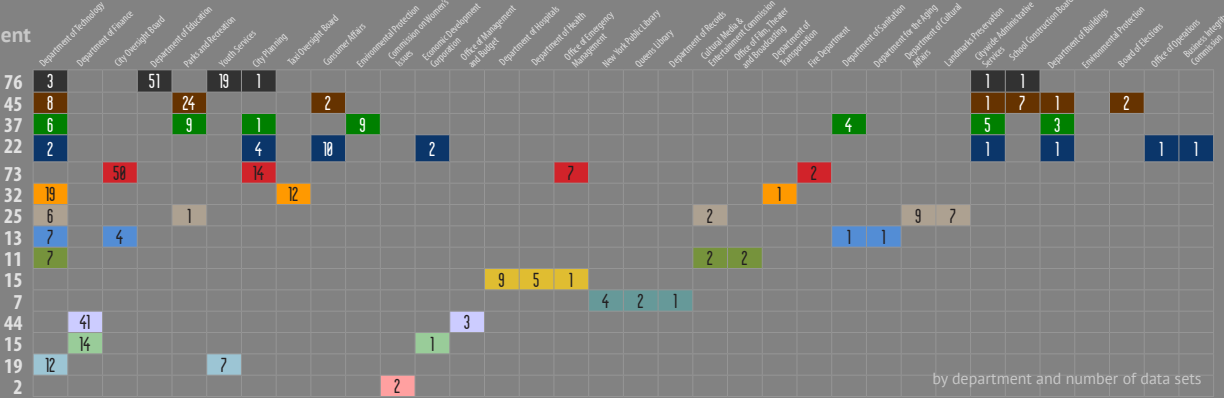
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Distribution of Categories by Department

Ed	Education
Fs	Facilities and Structures
En	Environmental Sustainability
Bu	Business and Economic
Ps	Public Safety
T	Transportation
Cu	Cultural Affairs
So	Social Services
Mm	Mass Media
H	Health
L	Libraries
Fi	Finance
Pr	Properties
Cs	Community Service
W	Women's Issues



by department and number of data sets

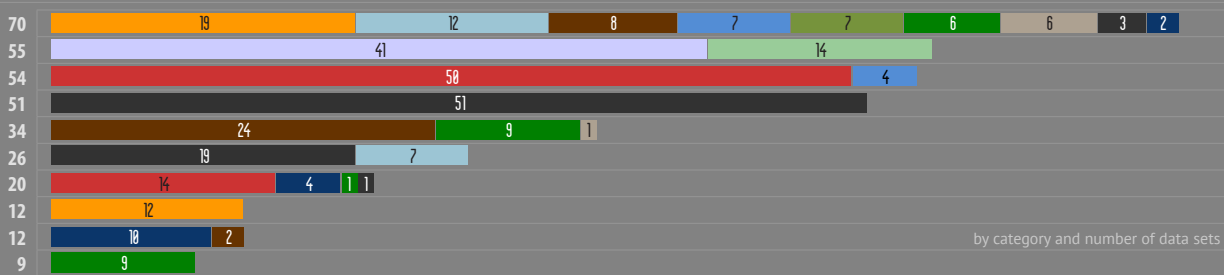
Departments by Category

Some departments are likely providing information as a 'service provider' rather than a content owner; over time the data sets may be published by other providers whose typical content matches the category.

Although some departments (e.g. Education) show a large number of data sets, in many cases these data sets are just subsets by borough or demographic of a larger data set (e.g. city-wide test scores).

Top 10 Publishing Departments

- A1. Department of Technology
- A2. Department of Finance
- A3. City Oversight Board
- A4. Department of Education
- A5. Parks and Recreation
- A6. Youth Services
- A7. City Planning
- A8. Taxi Oversight Board
- A9. Consumer Affairs
- A10. Environmental Protection



by category and number of data sets