

GIS and Open Data

Catalog Federation

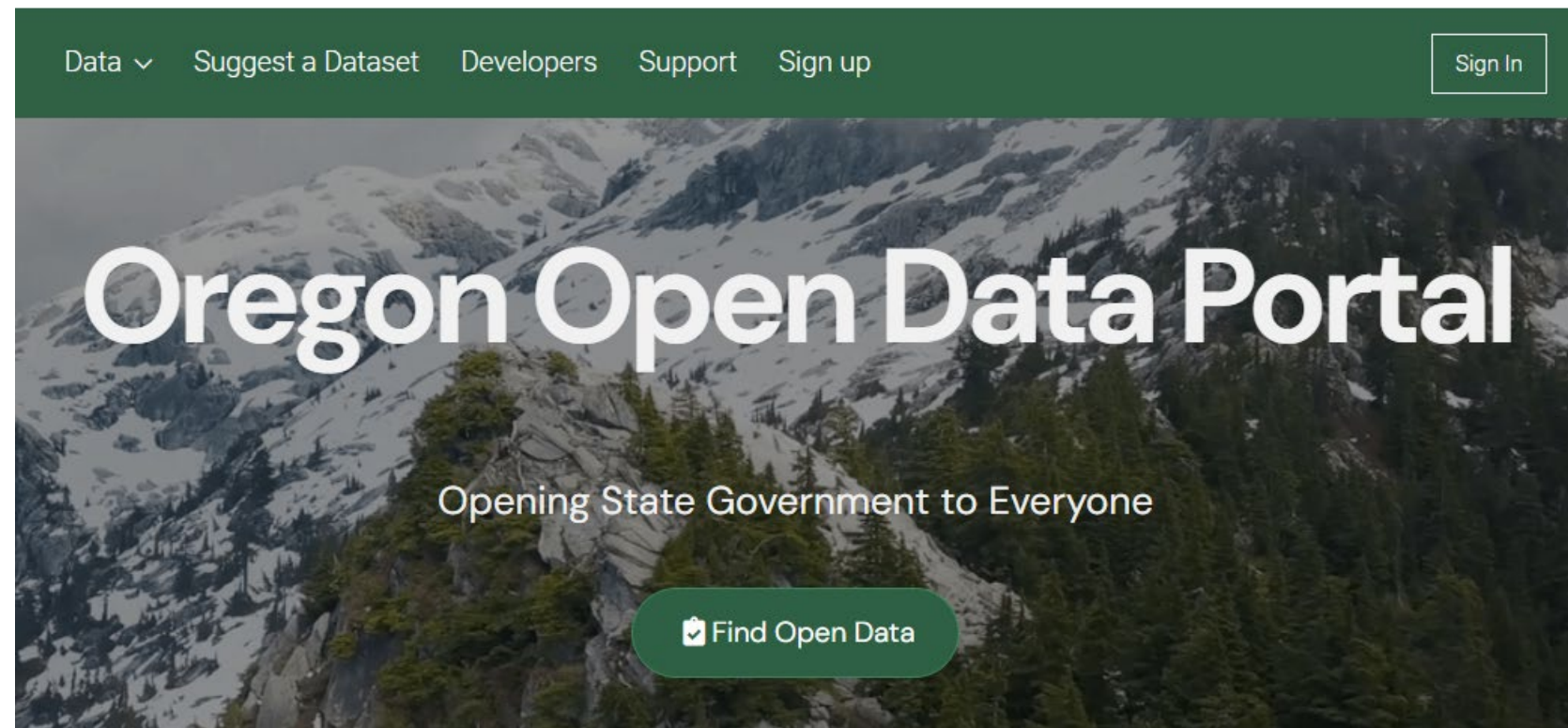
Tom Elder

Department of Administrative Services

What is Catalog Federation?

Connecting Our Two Major Data Sharing Platforms –

ArcGIS Online &
Open Data Portal
data.oregon.gov



How Does Catalog Federation Work?



- Start with ArcGIS Open Data Hub group.

Group designations

Open data

Allow this group to be accessed in Open Data sites.




- Connect to the Oregon Open Data portal in two ways –
 1. ArcGIS Connector – Link to Maps on ArcGIS Online
<https://demo-data.geo.hub.arcgis.com/data.json>
 2. Socrata Gateway & ESRI Plugin – Copy data from ArcGIS Online to a dataset.
<https://services.arcgis.com/uUvq.../arcgis/rest/services/ZIP/FeatureServer>

ArcGIS Open Data



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Oregon ZIP Codes

 Tom Elder
Oregon ArcGIS Online


Summary

ZIP Code Tabulation Areas

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Details

 **Dataset**
Feature Layer

 **October 19, 2022**
Info Updated

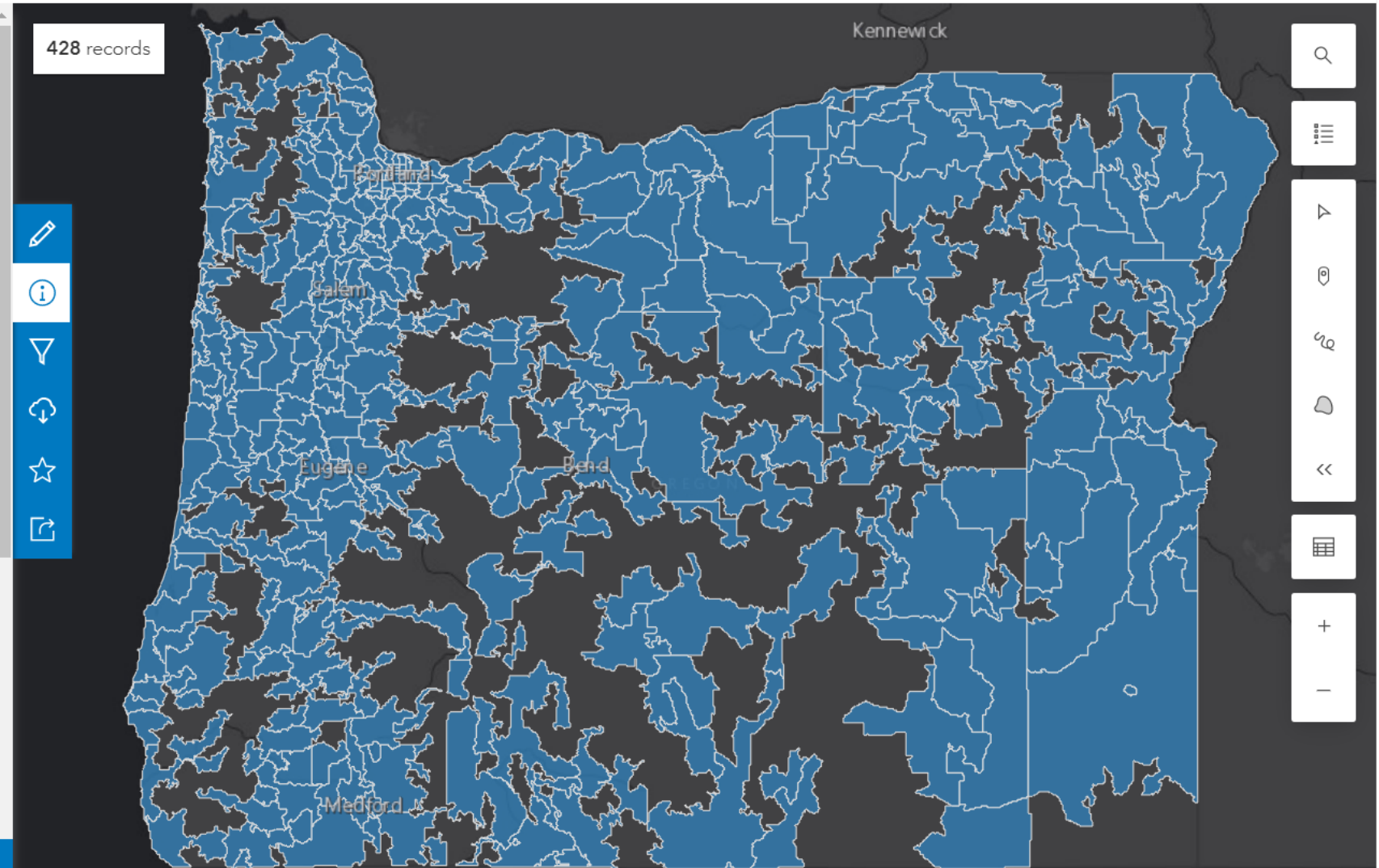
 **October 19, 2022**
Data Updated

 **October 19, 2022**
Published Date

 **428 Records**
[View data table](#)

I want to use this >

428 records



Open Data Link



☰ data.oregon.gov

Access this Data

ArcGIS Hub Dataset

TEXT/HTML

ArcGIS GeoService

APPLICATION/JSON

GeoJSON

APPLICATION/VND.GEO+JSON

CSV

TEXT/CSV

KML

APPLICATION/VND.GOOGLE-EARTH.KML+XML

Shapefile

APPLICATION/ZIP

Open Data Dataset - Gateway



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data.oregon.gov + ? 1 OD

Table Preview

[View Data](#) [Create Visualization](#)

ZIP_CODE ↑	ZIP_CITY	the_geom	OBJECTID	Shape__Ar...	Shape__Le...
97001	ANTELOPE	MULTIPOLYGON (((-120.6740901 45.0836746, -120.6742511 45.0836736, -1...	337	8,221,150,463....	505,830.7261...
97002	AURORA	MULTIPOLYGON (((-122.7177834 45.2990724, -122.7181304 45.2992714, -1...	78	1,172,643,052....	317,558.5427...
97003	BEAVERTON	MULTIPOLYGON (((-122.8221995 45.5105964, -122.8223135 45.5107094, -1...	197	131,260,042.3...	78,331.73814...
97004	BEAVERCREEK	MULTIPOLYGON (((-122.3526144 45.2257525, -122.3528964 45.2262975, -1...	312	1,206,322,144....	261,484.5044...
97005	BEAVERTON	MULTIPOLYGON (((-122.8027795 45.5174205, -122.8040545 45.5179205, -1...	33	142,882,514.4...	79,787.50777...
97006	BEAVERTON	MULTIPOLYGON (((-122.8533775 45.5501694, -122.8535275 45.5501744, -1...	141	201,709,153.9...	108,032.6829...
97007	BEAVERTON	MULTIPOLYGON (((-122.8261255 45.4893994, -122.8266715 45.4894494, -1...	316	520,569,249.0...	156,198.8906...
97008	BEAVERTON	MULTIPOLYGON (((-122.7738905 45.4719655, -122.7744915 45.4721845, -1...	138	147,705,444.2...	67,146.51595...
97009	BORING	MULTIPOLYGON (((-122.2738324 45.4619865, -122.2741124 45.4621885, -1...	351	858,507,505.4...	223,628.3447...
97011	BRIGHTWOOD	MULTIPOLYGON (((-122.0228524 45.4024745, -122.0223664 45.4020155, -1...	255	127,510,700.0...	106,623.0997...
97013	CANBY	MULTIPOLYGON (((-122.6605134 45.2966005, -122.6606414 45.2959605, -1...	191	1,659,243,291....	333,699.9519...
97014	CASCADE LOC...	MULTIPOLYGON (((-121.6381344 45.7047796, -121.6497814 45.7049106, -1...	24	4,283,342,103....	444,883.6014...
97015	CLACKAMAS	MULTIPOLYGON (((-122.5660064 45.4364505, -122.5660544 45.4365815, -1...	353	247,473,436.5...	100,789.7190...
97016	CLATSKANIE	MULTIPOLYGON (((-123.0729697 46.1633735, -123.0793827 46.1662345, -1...	158	6,688,573,153....	712,120.1623...

< Previous [Next](#) >

Showing Rows 1 to 14 out of 428

Previous Presentations

GIS and Open Data

- <https://data.oregon.gov/stories/s/Oregon-s-Open-Data-Program/xr2x-d2d7>
- <https://oregon-egov.wistia.com/medias/7szyv06mvr>