

Look Both Ways

Integrating OpenStreetMap and Wikidata

Minh Nguyễn

Connect 2020

LOOK BOTH
WAYS

12



**UNEVEN
LANES**



operator



Company, corporation, person or any other entity who is directly in charge of the current operation of a map object

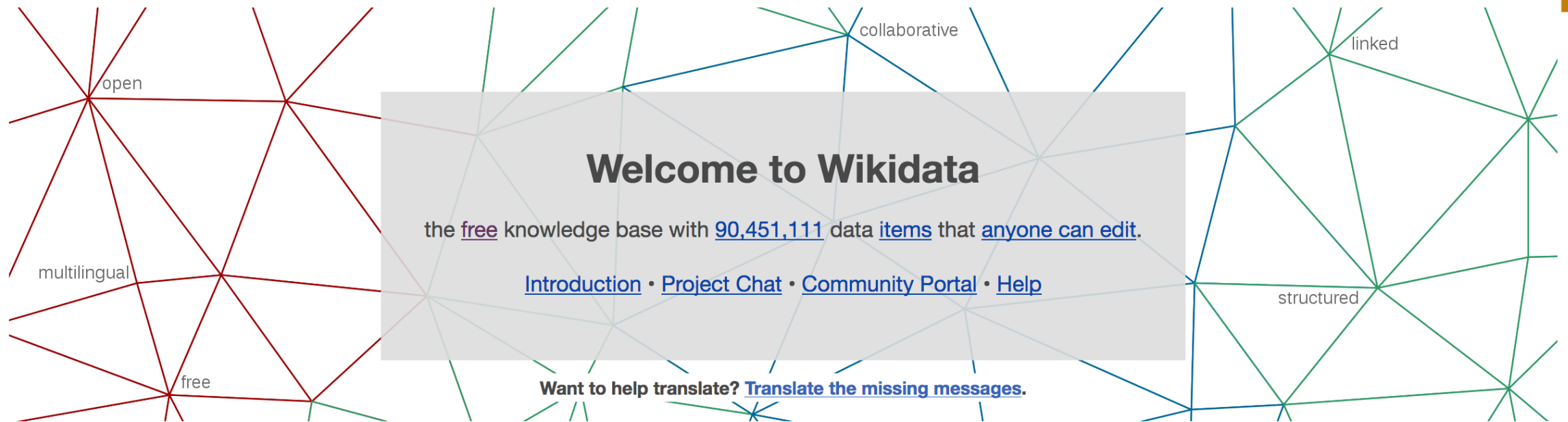
- Overview
- Values**
- Combinations
- Similar
- Map
- Wiki
- Projects

Values used with this key

◀◀ Page 1 of 4 ▶▶
↻
JSON
Displaying 1 to 15 of 55 items
postal

Value	Count	Wiki	Description
United_States_Postal_Service	1 838	0.29%	-
US_Postal_Service	451	0.07%	-
U.S._Postal_Service	163	0.03%	-
United_State_Postal_Service	15	0.00%	-
Unites_States_Postal_Service	8	0.00%	-
Disneyland/Anaheim_Postal	7	0.00%	-
United_States_Postal_Office	6	0.00%	-
U._S._Postal_Service	6	0.00%	-
United_States_Postal_System	5	0.00%	-
Postal_Annex	4	0.00%	-
US_Postal_Office	4	0.00%	-
United_Postal_Service	4	0.00%	-
United_States_Postal_Service_(USI	4	0.00%	-
Walt_Disney_World/Orlando_Postal	3	0.00%	-
Disneyland/Anahime_Postal	3	0.00%	-

761	<pre>"amenity": "bank" "brand": "BB&T" "brand:wikidata": "Q95984154" "name": "BB&T" "official_name": "Branch Banking and Trust Company"</pre>	<p>BB&T</p> <p>"former Bank Brand"</p> <p>Q95984154</p> <p>http://www.bbt.com/</p> <p>   </p>	
161	<pre>"amenity": "bank" "brand": "BBVA Compass" "brand:wikidata": "Q4835088" "brand:wikipedia": "en:BBVA Compass" "name": "BBVA Compass" "official_name": "BBVA Compass Bancshares"</pre>	<p>BBVA USA</p> <p>"American bank holding company"</p> <p>Q4835088</p> <p>https://www.bbvausa.com/</p> <p>   </p>	
< 50	<pre>"amenity": "bank" "brand": "BECU" "brand:wikidata": "Q4835409" "brand:wikipedia": "en:BECU" "name": "BECU"</pre>	<p>BECU</p> <p>"Credit union headquartered in Tukwila, Washington, USA"</p> <p>Q4835409</p> <p>https://www.becu.org/</p> <p>    </p>	
202	<pre>"amenity": "bank" "brand": "BMO Harris Bank" "brand:wikidata": "Q4835981" "brand:wikipedia": "en:BMO Harris Bank" "name": "BMO Harris Bank"</pre>	<p>BMO Harris Bank</p> <p>"US bank"</p> <p>Q4835981</p> <p>https://www.bmoharris.com/</p> <p>   </p>	



- Main page
- Community portal
- Project chat
- Create a new Item
- Recent changes
- Random Item
- Query Service
- Nearby
- Help
- Donate
- Lexicographical data
- Create a new Lexeme
- Recent changes

- Tools
- What links here
- Related changes
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- Page information
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- In other projects
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- Wikispecies
- Wikibooks
- Wikimania
- Wikinews
- Wikipedia
- Wikiquote
- Wikisource
- Wikiversity
- Wikivoyage
- Wiktionary

In Wikipedia

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- Français
- Italiano
- 한국어
- Tagalog

Welcome!

Wikidata is a free and open knowledge base that can be read and edited by both humans and machines.

Wikidata acts as central storage for the **structured data** of its Wikimedia sister projects including Wikipedia, Wikivoyage, Wiktionary, Wikisource, and others.

Wikidata also provides support to many other sites and services beyond just Wikimedia projects! The content of Wikidata is [available under a free license](#), [exported using standard formats](#), and [can be interlinked to other open data sets](#) on the linked data web.

Get involved

For a complete starters' guide, visit the [community portal](#).

Learn about Wikidata

- What is Wikidata? Read the [Wikidata introduction](#).
- Explore Wikidata by looking at a featured showcase item for author [Douglas Adams \(Q42\)](#).
- Get started with Wikidata's [SPARQL query service](#).

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- Learn to edit Wikidata: follow the [tutorials](#).
- Work with other volunteers on a subject that interests you: [join a WikiProject](#).
- Individuals and organizations can also [donate data](#).

Meet the Wikidata community

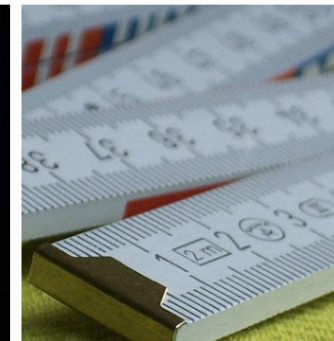
Visit the [community portal](#) to learn more about Wikidata and meet the community.

Learn about data

New to the wonderful world of data? [Develop and improve your data literacy through content](#) designed to get you up to speed and feeling comfortable with the fundamentals in no time.



Item: [Earth \(Q2\)](#)



Property: [highest point \(P610\)](#)



custom value: [Mount Everest \(Q513\)](#)

Current highlights

- [2020 Vuelta a España, stage 7 \(Q81096647\)](#)
- [2020 Vuelta a España, stage 9 \(Q81096649\)](#) (pictured)
- [Among Us \(Q96417649\)](#)
- [Abdul Ilah Nabhan \(Q100995846\)](#)
- [The Witcher 2: Assassins of Kings Enhanced Edition \(Q100984696\)](#)
- [2020 Nice attack \(Q100989093\)](#)



Language	Label	Description	Also known as
English	BBVA USA	American bank holding company	BBVA Compass Bancshares, Inc. BBVA Compass
Spanish	BBVA Estados Unidos	holding bancario	Compass Bancshares
Vietnamese	No label defined	No description defined	
Arabic	No label defined		شركة أمريكية
South Azerbaijani	بی‌بی‌وی‌ای کامپس	No description defined	
Czech	No label defined	americká firma	
German	BBVA USA	No description defined	
Persian	بی‌بی‌وی‌ای کامپس	No description defined	
French	BBVA USA	No description defined	
Italian	BBVA USA	No description defined	
Dutch	BBVA Compass	bedrijf uit Verenigde Staten van Amerika	
Chinese	BBVA罗盘公司	银行控股公司	
Simplified Chinese	BBVA罗盘公司	No description defined	
Traditional Chinese	BBVA羅盤公司	銀行控股公司	

[Fewer languages](#)

Statements

instance of	business edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

logo image	 <p>edit</p> <p>BBVA 2019.svg 512 × 153; 3 KB</p> <p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>
----------------------------	--

industry	Finance edit
	<p>► 1 reference</p> <p>+ add value</p>

inception	1964 edit
	<p>► 1 reference</p> <p>+ add value</p>

founded by	Harry B. Brock, Jr. edit
----------------------------	---

ISO 9362 SWIFT/BIC code	CPASUS44XXX edit
	<p>► 1 reference</p> <p>+ add value</p>

Facebook ID	bbvaintheusa edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

Instagram username	bbva_usa edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

LinkedIn company ID	bbva-usa edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

Microsoft Academic ID	883594155 edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

OSM Name Suggestion Index identifier	bbvacompass-ea2e2d edit
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

PermlID	4296525156 edit !
	<p>▼ 0 references</p> <p>+ add reference</p>
	5000051177 edit !
	<p>▼ 0 references</p> <p>+ add reference</p> <p>+ add value</p>

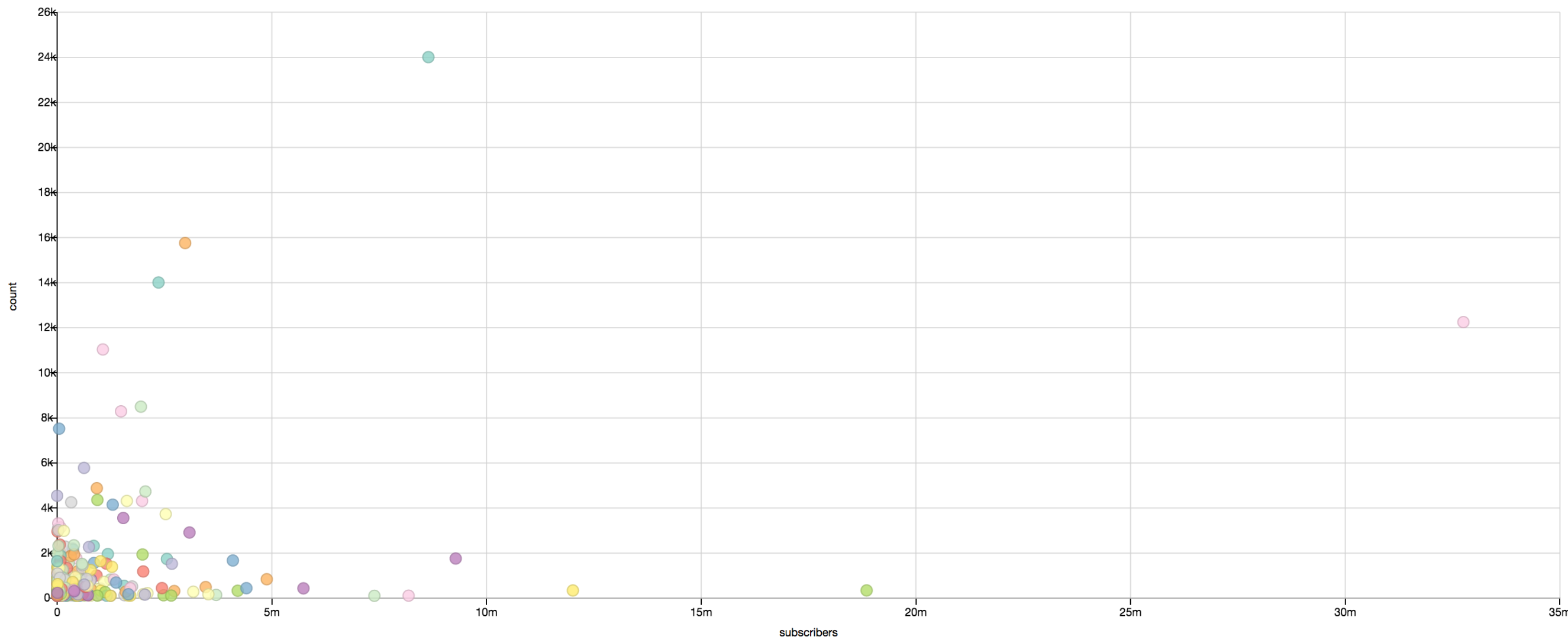
Twitter username	bbva_usa edit
	<p>Twitter user numeric ID 16349341</p>





```
1 #defaultView:ScatterChart
2 SELECT (SUM(?subscribers) AS ?subscribers) (SAMPLE(?count) AS ?count) (SAMPLE(?name) AS ?name) WHERE
3   hint:Query hint:optimizer "None" .
4
5 {
6   # Query OpenStreetMap for
7   SELECT ?wd (COUNT(*) AS ?count) WHERE {
8     # Commercial brands
9     ?osm osmt:brand:wikidata ?wd.
10  }
11  GROUP BY ?wd
12  # With at least 100 locations
13  HAVING(?count >= 100)
14 }
15
16 # Query Wikidata for
17 SERVICE <https://query.wikidata.org/sparql> {
18   # The brand's Twitter user name
19   ?wd p:P2002 [ps:P2002 ?twitter; pq:P3744 ?subscribers].
20
21   # Get the brand name
22   OPTIONAL {
23     ?wd rdfs:label ?name.
24     FILTER(LANG(?name) = "en")
25   }
26 }
27 }
28 GROUP BY ?wd
29 ORDER BY DESC(?count)
```





- | | |
|-----------------|--------------|
| 24 Hour Fitness | 3 |
| 7-Eleven | 99 Speedmart |
| A&W | A.T.U |
| A101 | ABN AMRO |
| ADNOC | ALDI |
| ALDO Group | AMC Theatres |
| AT&T Mobility | AVIA |
| Abanca | Ace Hardware |



[commons:McDonald's Golden A...](#)
McDonald's
24009
[Q wd:Q38076](#)



[commons:7-eleven logo.svg](#)
7-Eleven
15759
[Q wd:Q259340](#)



[commons:Subway 2016 logo.svg](#)
Subway
14008
[Q wd:Q244457](#)



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Burger King
8497
[Q wd:Q177054](#)



[commons:Kentucky Fried Chicken 201x logo.svg](#)
KFC
8291
[Q wd:Q524757](#)



[commons:Lidl-Logo.svg](#)
Lidl
7519
[Q wd:Q151954](#)

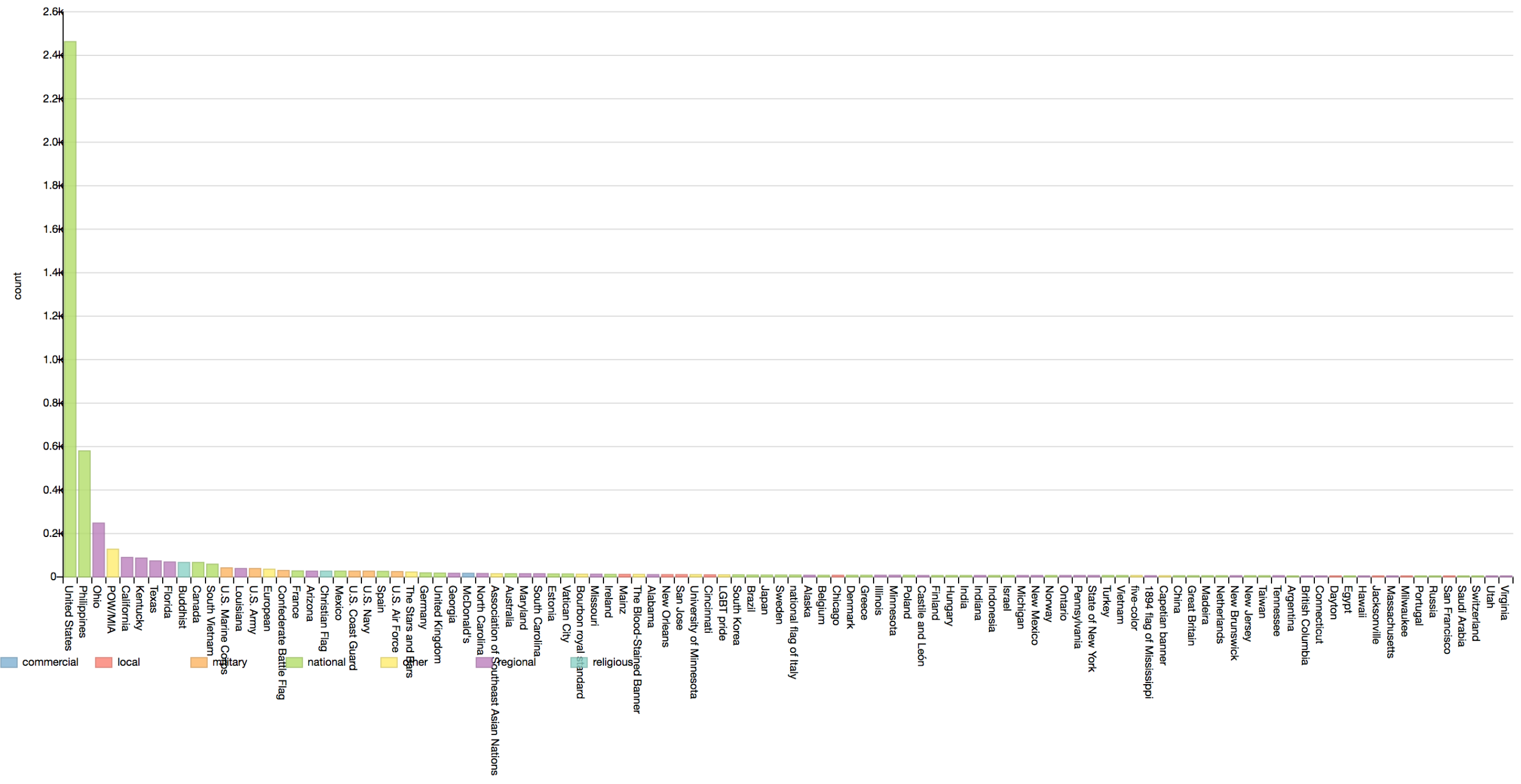


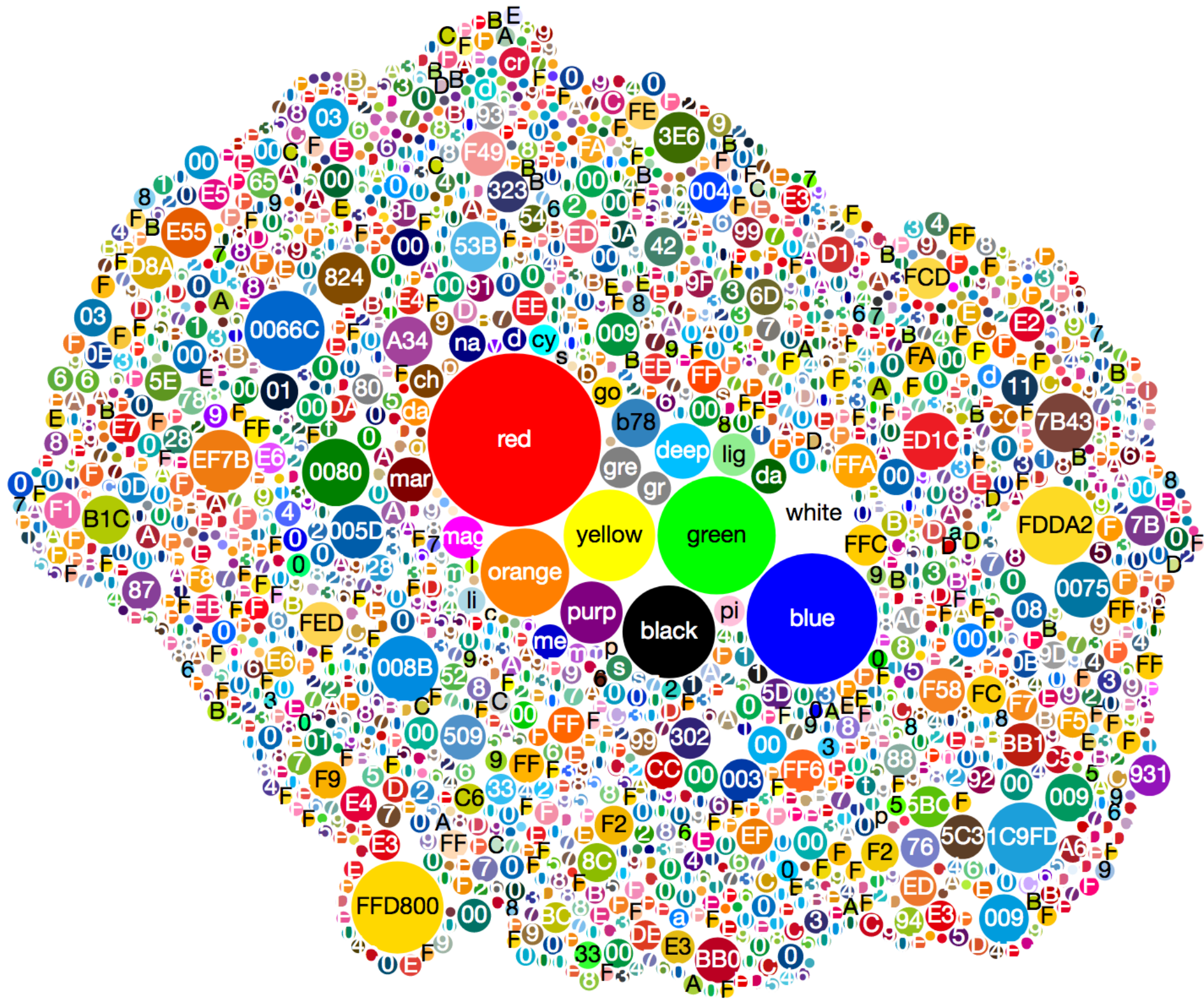
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ALDI
5781
[Q wd:Q125054](#)

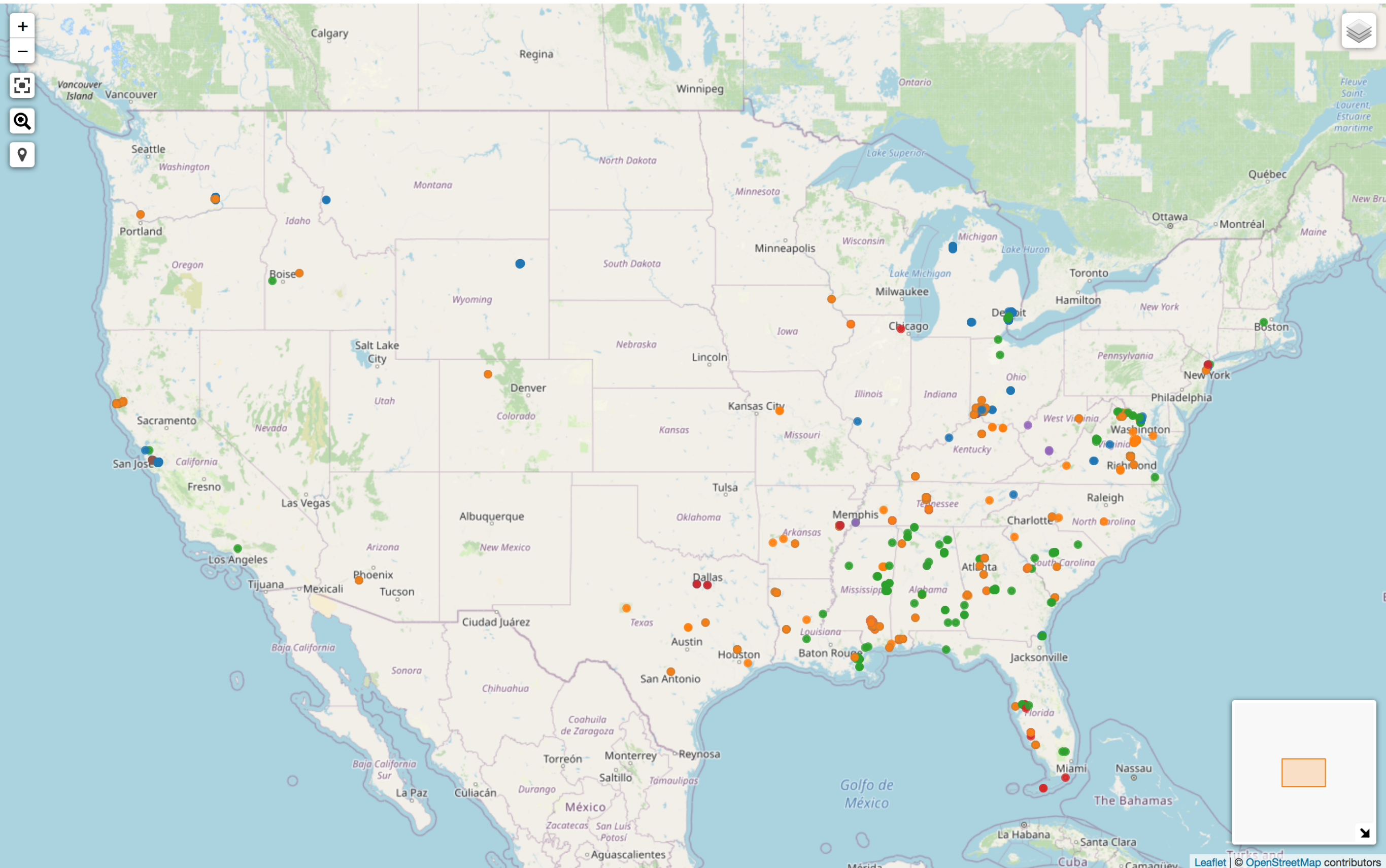


[commons:Walgreens logo.svg](#)
Walgreens
4880
[Q wd:Q1591889](#)









Keep Going

- Name Suggestion Index
nsi.guide
- Sophox
sophox.org
- SPARQL examples
wiki.osm.org/wiki/SPARQL_examples
- Wiki office hours
Saturday 2:30–4:00 EDT / 11:30–1:00 PDT
- [#wikimedia](#) [#sophox](#) [#osm-wiki](#) on OSMUS Slack