

ICANN Open Data Platform



Home Page

Browse all available datasets

Analyze and visualize your data

Go back to your ICANN Account

Search datasets by keywords

Access ICANN's Social Media Platform

The screenshot shows the ICANN Open Data Platform home page. At the top left is the ICANN logo and the slogan "One World, One Internet". To the right are links for "Back to ICANN Account", a search bar with a magnifying glass icon, a user profile for "Victoria Yang", and a "Logout" button. Below the header is a navigation menu with links for "HOME", "DATA", "CHARTS", "API", "ABOUT", and "HELP". The main content area features a large blue banner with the text "Welcome to ICANN Open Data Platform!" and a sub-headline: "The goal of ICANN's Open Data Program is to provide the ICANN community with access to publicly available data. You can search, browse, view, download, and analyze the available data. Please visit the About page to learn more." Below this text is a button that says "Register to access available data and site features". On the right side of the banner is a large graphic of a magnifying glass over the words "OPEN DATA".

Search and download dataset using the API

Learn more about Open Data Program and this Platform

Check out the Help page for more resources

Home Page

ICANN One World, One Internet

Back to ICANN Account SEARCH Q Victoria Yang Logout

HOME DATA CHARTS API ABOUT HELP

Welcome to ICANN Open Data Platform!

The goal of ICANN's Open Data Program is to provide the ICANN community with access to publicly available data. You can search, browse, view, download, and analyze the available data. Please visit the About page to learn more.

Register to access available data and site features

By registering, your account will allow you to:

- ❖ Access and use all data available on this platform for free
- ❖ Search, browse, view, download, and analyze the data, according to the platform's terms and conditions and the license(s) applied to each datasets
- ❖ Save customized analyses
- ❖ Choose to receive notifications when selected datasets are updated
- ❖ Generate API keys and view API quota usage

Home Page

Share

Browse ICANN Datasets

   	Domain Name Marketplace Indicators 19 dataset(s)	Identifier Technology Health Indicators (ITHI) 1 dataset(s)	Registry Functions Activity Reports 1 dataset(s)	Per-Registrar Transactions Reports 11 dataset(s)
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Share the ICANN Open Data Platform home page

- ❖ There are 32 datasets in Launch V1.
- ❖ Users can browse related datasets via these 4 tiles

Home Page

List of latest 5 datasets with either the data or metadata updated

List of top 5 datasets with the most downloads

List of top 5 datasets with the most API calls

Latest Updates	Most Downloaded	Most API Calls
<p>Number of involuntary gTLD registrar terminations Modified a day ago</p>	<p>ITHI: DNS Root Traffic Analysis 8 downloads</p>	<p>ITHI: DNS Root Traffic Analysis 1225 API calls</p>
<p>Number of involuntary gTLD registry terminations Modified 4 days ago</p>	<p>Per-Registrar Transactions Report 2009 3 downloads</p>	<p>Per-Registrar Transactions Report 2009 724 API calls</p>
<p><u>Total number of gTLD registry operator and gTLD registrar related complaints</u> Modified 8 days ago</p>	<p>Number of gTLD registrars accredited and terminated (Total and New) 2 downloads</p>	<p>Number of domains by ICANN region in gTLDs and ccTLDs 548 API calls</p>
<p>Number of domains by ICANN region in gTLDs and ccTLDs Modified 9 days ago</p>	<p>Number of domains by ICANN region in gTLDs and ccTLDs 2 downloads</p>	<p>Number of domains (by TLD category) 467 API calls</p>
<p>Number of distinct gTLD registrar entities (Total and New) Modified 9 days ago</p>	<p>Total number of gTLD registry operator and gTLD registrar related complaints 2 downloads</p>	<p>Total number of gTLD registry operator and gTLD registrar related complaints 368 API calls</p>

Note: Metrics shown on this screen shot is for demonstration purpose only.

Home Page

- ❖ Check out other ICANN sites
- ❖ Connect with us via ICANN Social Media Platforms
- ❖ Check out Career Opportunities at ICANN

OTHER ICANN SITES

ICANN.org

Address Supporting Organization (ASO)

At-Large

ICANN Community Wiki

Country Code Names Supporting Organization (ccNSO)

Generic Names Supporting Organization (GNSO)

Governmental Advisory Committee (GAC)

Root Server System Advisory Committee (RSSAC)

Security and Stability Advisory Committee (SSAC)

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CAREERS AT ICANN

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Review our Privacy Policy, Cookies Policy and Terms of Service before using the Open Data Platform.

We are committed to continually improving this platform. We welcome your feedback, please contact us.

Data Page

Number of datasets available

Sort the datasets with multiple options here

Use filters to help find the datasets

Click on the dataset to explore more

Download catalog allows users to download the entire data page along with the datasets metadata

The screenshot shows the ICANN Data Page interface with several callouts pointing to specific features:

- Number of datasets available:** Points to the "32 datasets" badge.
- Sort the datasets with multiple options here:** Points to the "Sort datasets" dropdown menu showing "Alphabetically", "Modified", "Popular", and "A-Z".
- Use filters to help find the datasets:** Points to the "Filters" section, which includes a search bar "Find a dataset..." and filter cards for "Modified" (2020, 32) and "Keyword".
- Click on the dataset to explore more:** Points to the "Domain Name Marketplace Indicators" dataset entry in the list.
- Download catalog allows users to download the entire data page along with the datasets metadata:** Points to the "Download catalog" section, which lists options: CSV, RDF (Turtle), RDF (XML), and RSS feed.

The interface includes a navigation bar with tabs: HOME, DATA, CHARTS, API, ABOUT, and HELP. The main content area is divided into several panels:

- 32 datasets:** A summary card showing the total number of datasets.
- Compound annual growth rate (CAGR) of number of domains (by TLD category):** A panel with a table, analyze, export, and API options. It lists "Robust Competition" and "Domain Name Marketplace Indicators".
- ITHI: DNS Root Traffic Analysis:** A panel with a table, analyze, export, and API options. It lists "ITHI", "DNS", "Root", and "Traffic".
- Mean number of gTLD registrars per distinct gTLD registrar entity:** A panel with a table, analyze, export, and API options. It lists "Robust Competition" and "Domain Name Marketplace Indicators".
- Mean number of gTLD registries per distinct gTLD registry operator entity:** A panel with a table, analyze, export, and API options. It lists "Robust Competition" and "Domain Name Marketplace Indicators".
- Mean registration period for domains (by gTLD category):** A panel with a table, analyze, export, and API options. It lists "Domain Name Marketplace Indicators" and "Marketplace Stability".
- Net change in number of domains (by TLD category):** A panel with a table, analyze, export, and API options. It lists "Robust Competition" and "Domain Name Marketplace Indicators".

Dataset Page

Select the **Information** tab to find basic information about the selected dataset

12 records
No active filters

Filters

Search records... 🔍

Dimension

gTLDs	12
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Segment

Registrar-related Complaints Received	6
Registry-related Complaints Received	6

Total number of gTLD registry operator and gTLD registrar related complaints

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Information Table Analyze Export API

The **Domain Name Marketplace Indicators** present statistics pertaining to the marketplace for generic top-level domains (gTLDs) and country code top-level domains (ccTLDs).

ICANN org collaborated with a community Advisory Panel on this effort. The [version 1.0 indicator schema](#) outlines the indicator categories, dimensions / factors, metrics, and includes a glossary of terminology. The specific calculations performed to arrive upon the indicator values are available in the [version 1.0 indicator taxonomy](#) document.

Total number of gTLD registry operator and gTLD registrar related complaints shows how registrants view contract fulfillment by registrars and registries. Tied to registrant decisions to file complaints after registry/registrar interaction. Value varies as registrars and registries deliver on obligations.

Note:

1. ICANN Contractual Compliance Quarterly Reports, Compliance Approach & Process, Available at <https://features.icann.org/compliance/dashboard/report-list>
2. The values reported here are as of 30th June (H1) and 31st December (H2) for each calendar year.

Dataset Page

Select the **Table** tab to view the data as table

12 records

No active filters

Filters

Search records...

Dimension

gTLDs 12

Segment

Registrar-related Complaints Received 6

Registry-related Complaints Received 6

Total number of gTLD registry operator and gTLD registrar related complaints

[Information](#) **Table** [Analyze](#) [Export](#) [API](#)

Category	Indicator	Dimension	Segment	Period	Value	Notes
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2018 H1	17,015	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2017 H2	597	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2018 H2	443	
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2017 H2	24,360	
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2018 H2	17,957	
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2019 H1	11,845	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2017 H1	882	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2018 H1	543	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2019 H1	1,390	
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2016 Total	43,156	
etplace Stability	MS_1.1	gTLDs	Registrar-related Complaints Rec	2017 H1	24,650	
etplace Stability	MS_1.1	gTLDs	Registry-related Complaints Rece	2016 Total	2,230	

Other Examples

985,358 records

No active filters

Filters

Search records...

TLD

- com 28,538
- net 28,258
- org 20,269
- info 4,744
- biz 3,832
- xyz 3,377
- > More

Month

- 12 85,310
- 11 85,129
- 10 84,531
- 09 83,936
- 08 83,500
- 07 83,056

Per-Registrar Transactions Report 2018

Information Table Analyze Export API

	TLD	Year	Month	registrar-name	iana-id	total-domains	total-r
1	miami	2018	02	porkbun_mm	1,861	44	23
2	miami	2018	02	Hosting Ukraine LLC	2,374	0	0
3	miami	2018	02	Domain Research, LLC	2,484	0	0
4	miami	2018	10	Register.com, Inc.	9	14	28
5	miami	2018	10	COREhub, S.R.L.	15	0	0
6	miami	2018	10	Tucows Domains Inc.	69	147	97
7	miami	2018	10	1&1 Internet SE	83	215	284
8	miami	2018	10	Whois Networks Co., Ltd.	100	1	4
9	miami	2018	10	Ascio Technologies, Inc. Danmarl	106	24	35
10	miami	2018	10	Secura GmbH	111	0	0
11	miami	2018	10	GoDaddy.com, LLC	146	6,174	533
12	miami	2018	10	PSI-USA, Inc. dba Domain Robot	151	31	20
13	miami	2018	10	CSC Corporate Domains, Inc.	299	193	49
14	miami	2018	10	Sea Wasp, LLC	411	0	0
15	miami	2018	10	DomainName, Inc.	450	0	0
16	miami	2018	10	EnCirca, Inc.	455	0	0
17	miami	2018	10	DomainSite, Inc.	466	0	0
18	miami	2018	10	Nom-iq Ltd. dba COM LAUDE	470	28	11
19	miami	2018	10	Epik, Inc.	617	5,520	6
20	miami	2018	10	Name.com, Inc.	625	112	89
21	miami	2018	10	IP Mirror Pte Ltd dba IP MIRROR	890	0	0
22	miami	2018	10	Net 4 India Limited	1,007	0	0

Share Embed Widget

<https://opendata.icann.org/explore/embed/dataset/per-registrar-transactions-report-2018/ta/>

Use the filter option on the left to refine your search. For example, the Per-Registrar Transactions Report 2018 has approximately 1 million records, users can filter the data table by TLD or month. (see next slide).

Other Examples

4,744 records

Active filters Clear all

TLD info

Filters

Search records...

TLD

- com 28,538
- net 28,258
- org 20,269
- info 4,744
- biz 3,832
- xyz 3,377

> More

Month

- 01 409
- 02 409
- 03 409

Per-Registrar Transactions Report 2018

Information Table Analyze Export API

	TLD	Year	Month	registrar-name	iana-id	total-domains	total-name
1050	info	2018	01	101domain GRS Ltd	1,011	2,874	70
1051	info	2018	01	10Dencehispahard SL	1,403	1,880	58
1052	info	2018	01	AB Name ISP	1,371	1,451	19
1053	info	2018	01	Abraham Lincoln, LLC	2,289	11	0
1054	info	2018	01	Achilles 888, LLC	2,290	11	0
1055	info	2018	01	Address Creation, LLC	270	20	0
1056	info	2018	01	Adomainofyourown.com LLC	1,158	323	4
1057	info	2018	01	Alantron Billisim Ltd Sti.	898	70	2
1058	info	2018	01	Alexander the Great, LLC	1,702	10	0
1059	info	2018	01	Alice's Registry, Inc.	275	197	2
1060	info	2018	01	Allearthdomains.com LLC	1,159	309	2
1061	info	2018	01	Alpnames Limited	1,857	489	95
1062	info	2018	01	Arcanes Technologies	3,245	43	2
1063	info	2018	01	Arctic Names, Inc.	1,340	154	0
1064	info	2018	01	Ares 888, LLC	2,293	6	0
1065	info	2018	01	Ascio Technologies, Inc. Danmarl	106	55,110	277
1066	info	2018	01	Astutium Limited	1,471	126	0
1067	info	2018	01	Atak Domain Hosting Internet ve	1,601	92	12
1068	info	2018	01	AtlanticFriendNames.com LLC	1,157	325	2
1069	info	2018	01	Azdomainz LLC	1,391	4	0
1070	info	2018	01	BB Online UK Limited	134	257	8
1071	info	2018	01	Belmontdomains.com LLC	1,163	303	6

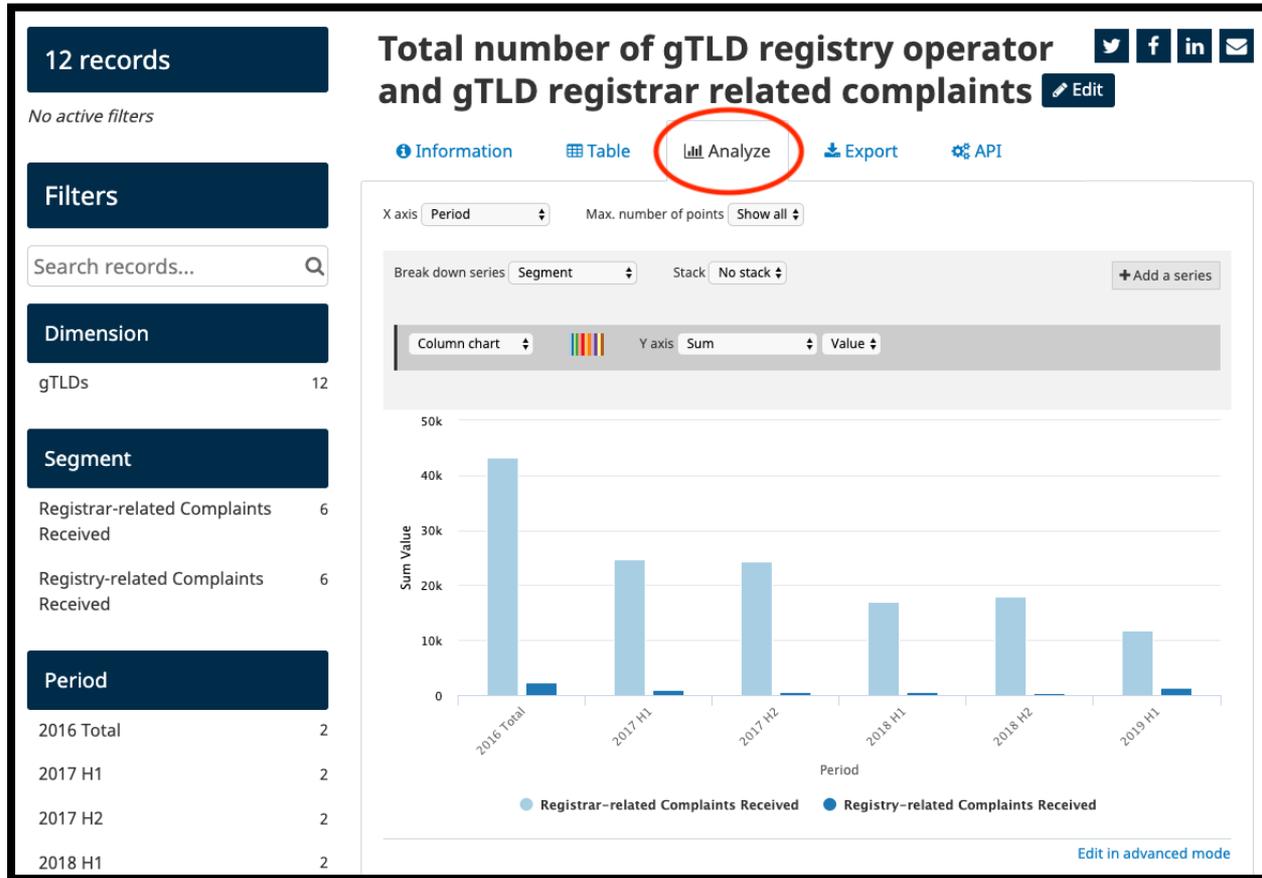
Share Embed Widget

<https://opendata.icann.org/explore/embed/dataset/per-registrar-transactions-report-2018/tat>

This is the view of the Per-Registrar Transactions Report 2018 by the TLD .info.

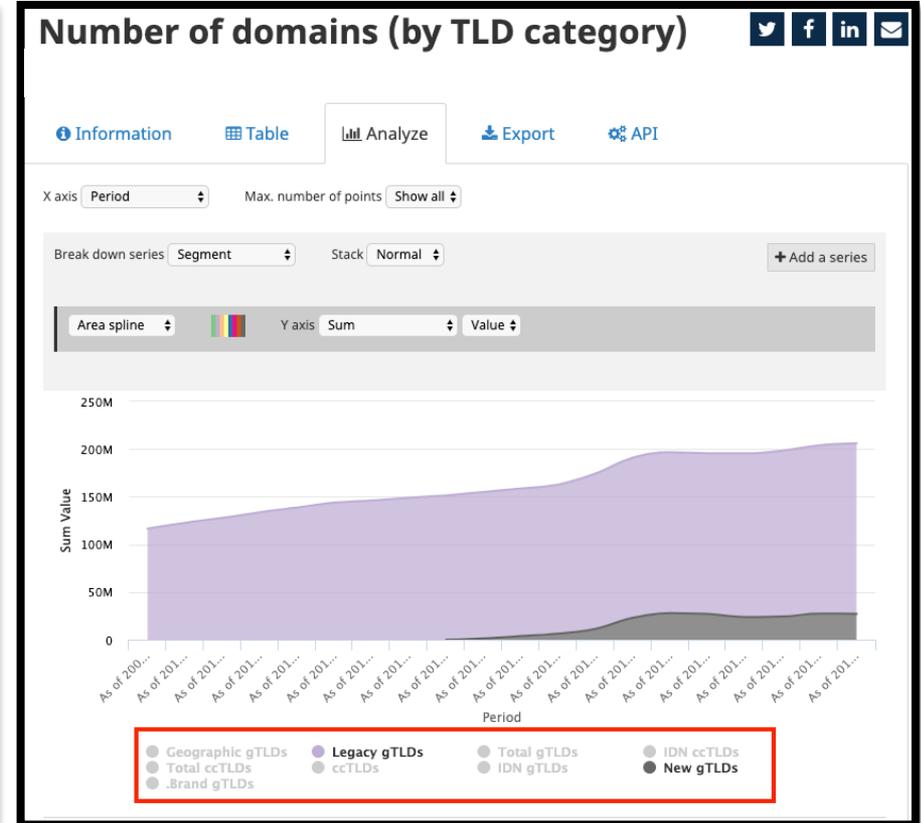
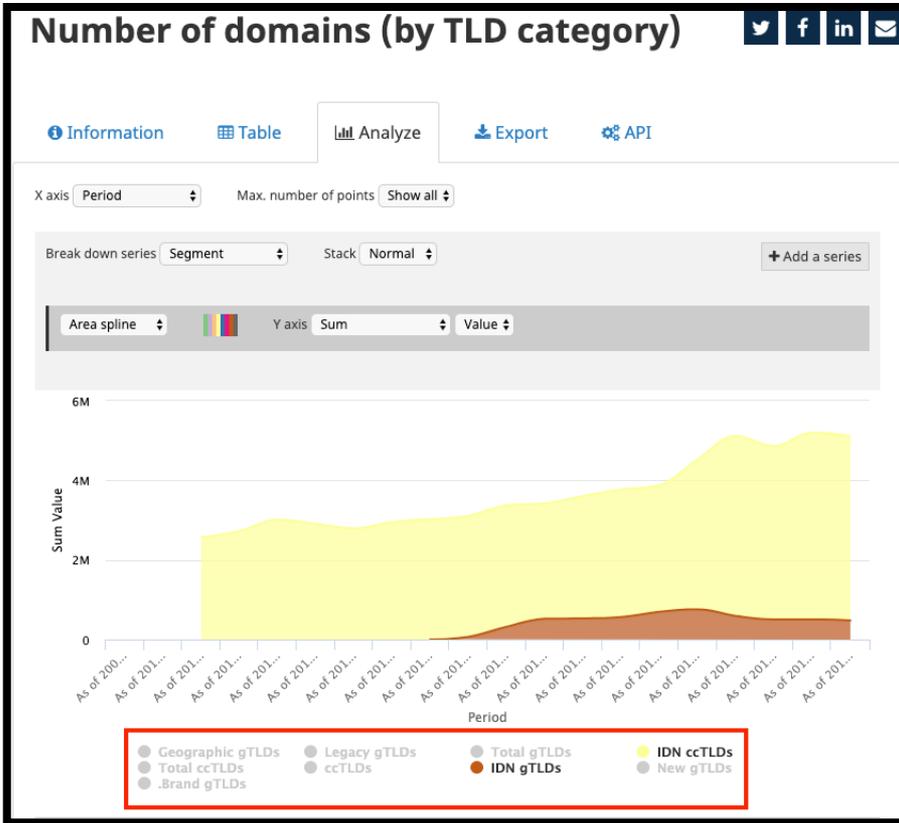
Dataset Page

Select the **Analyze** tab to view the data as chart



Please visit the [Help page](#) for more information and other available resources.

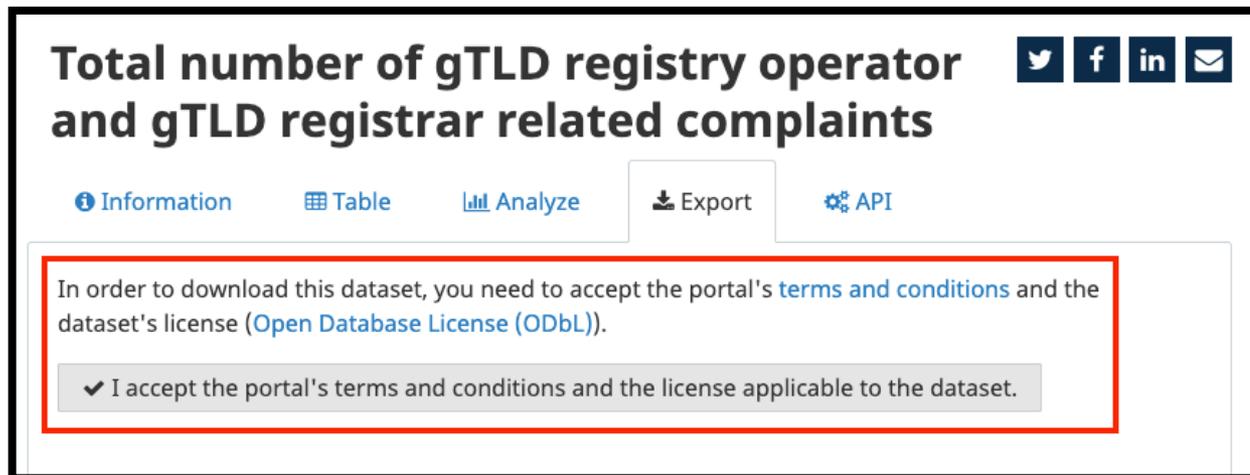
Other Examples



Users can select / unselect the legend element to customize the chart

Dataset Page

Select the **Export** tab to export the dataset in your preferred format

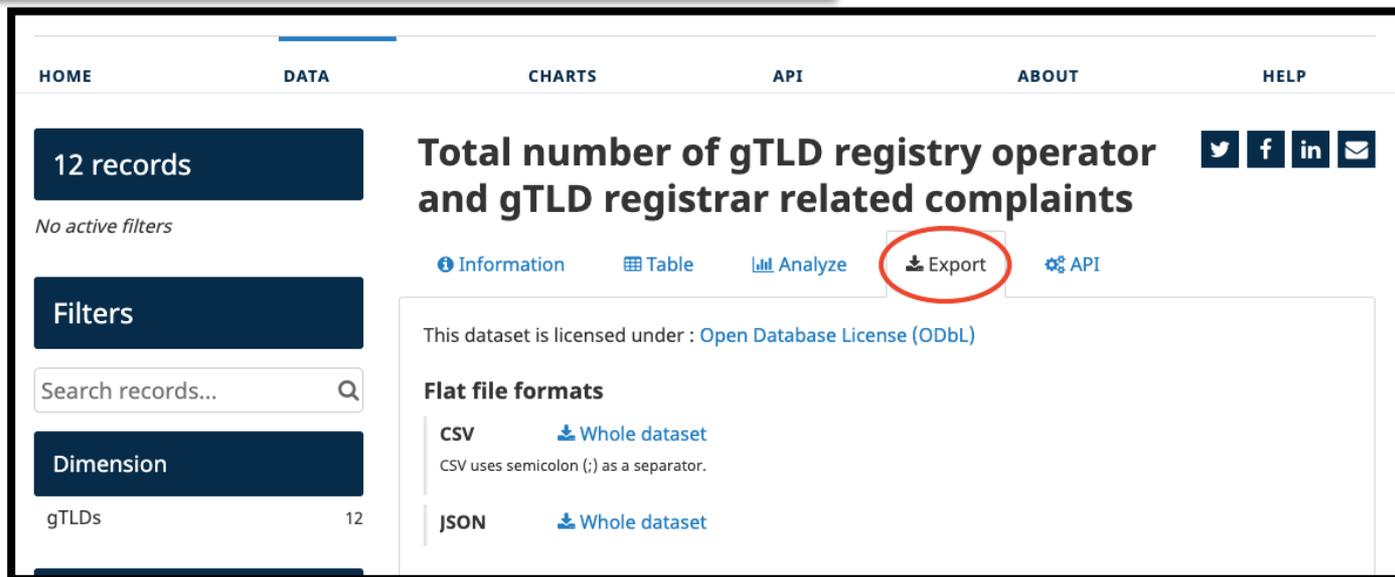


Total number of gTLD registry operator and gTLD registrar related complaints

Information Table Analyze **Export** API

In order to download this dataset, you need to accept the portal's [terms and conditions](#) and the dataset's license ([Open Database License \(ODbL\)](#)).

I accept the portal's terms and conditions and the license applicable to the dataset.



HOME DATA CHARTS API ABOUT HELP

12 records
No active filters

Filters

Search records...

Dimension

gTLDs 12

Total number of gTLD registry operator and gTLD registrar related complaints

Information Table Analyze **Export** API

This dataset is licensed under : [Open Database License \(ODbL\)](#)

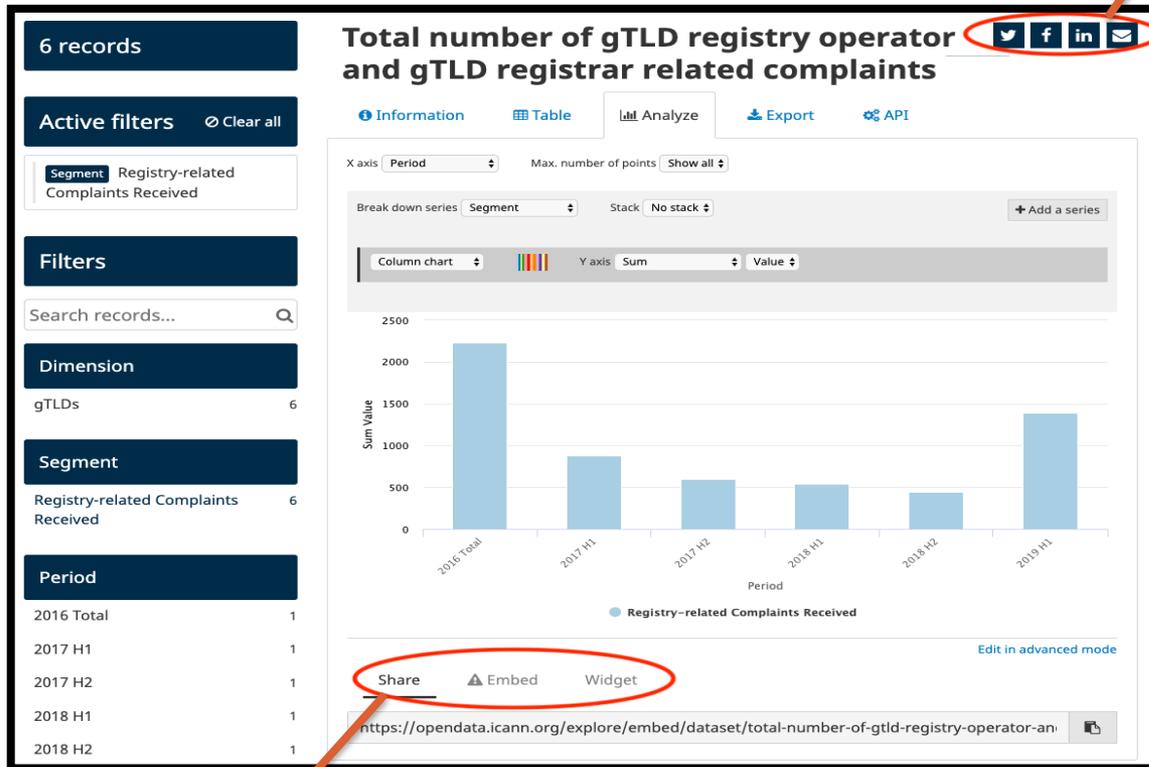
Flat file formats

CSV [Whole dataset](#)
CSV uses semicolon (;) as a separator.

JSON [Whole dataset](#)

Dataset Page

From any tab, you can share a link to a dataset on social media or by email



You also can share the dataset via embed or widget features, where applicable:

- ❖ Share: Selection will allow you to copy and paste a shareable URL
- ❖ Embed: Selection will generate the iframe code of the visualization.
- ❖ Widget: Selection will generate the widget code of the visualization.

Other Pages:

- ⦿ **Charts page**

- With the Chart builder tool, you can visualize multiple datasets on a single customized chart.
- Compare to the Analyze tab on a dataset page, this page will give you more options, such as combining different datasets.

- ⦿ **API page**

- The API (Application Programming Interface) is an interface for programs to communicate and exchange data.

- ⦿ Please visit the **About page** and **Help page** for more information and available resources.

ICANN Open Data Platform Launch at ICANN67



Learn more ▶

<https://67.schedule.icann.org/meetings/1152530>

Thank You Very Much



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