

Administrative circular  
March 31, 2020

To: Each Prefectural Administrative Information Department  
Each Municipal Administrative Information Department

Regional Communications Development Division  
Information and Communications Bureau  
Ministry of Internal Affairs and Communications

Data Release Websites for Countermeasures against New Coronavirus  
Pandemic  
(Provision of Information)

The government has been providing information on the outbreak of new coronavirus infectious disease and various support systems. At the same time, information websites have been set up by local governments and volunteer engineers on a region-by-region basis. (See Attachment P. 2 and 3)

These regional information websites play a major role in delivering information to website users in need of it, in a way that is easy to find and understand. From the website developers' point of view, however, there are some issues, e.g., it is said that the information published by the national and local governments is not very machine readable and that there is data format inconsistency. (See Attachment P. 4)

Recently, a group of volunteer engineers created and published a document on the definitions of open data items for the new coronavirus pandemic in order to enable each local government to publish information in a common data format with high machine readability so that websites can be developed faster and data can be easily updated accordingly. As a result, the Ministry of Internal Affairs and Communications (MIC) wishes to share information on this matter. (See Reference)

Each local government is requested to keep the contents of the attachments in mind at the time of data disclosure. However, organizations that have already launched their website for countermeasures against the new coronavirus pandemic do not need to correct the current public data.

Please also be informed that relevant information is provided to each prefecture and ordinance-designated city through the survey and inquiry system on the Chiiki-no-Genki Sozo Platform (lit. local spirit creation platform).

(Attachment)

Data Release Websites for Countermeasures against New Coronavirus Pandemic

(Reference)

Document on the Definitions of Open Data Items for the New Coronavirus Pandemic

(Published on the official website of Code for Japan)

<https://www.code4japan.org/activity/stopcovid19>

<Contact>

In charge: Uemura and Suda  
Regional Communications Development Division  
Information and Communications Bureau  
MIC

Tel.: 03-5253-5758 (direct line)

Fax.: 03-5253-5759

Email: [opendata-suishin@ml.soumu.go.jp](mailto:opendata-suishin@ml.soumu.go.jp)

MIC: Website for Open Data Consultation

(A consultation form is available.)

<https://www.opendata-howto.org/>

# **Data Release Websites for Countermeasures against COVID-19**

**March 31, 2020  
Ministry of Internal Affairs and Communications  
(MIC)**

# Opening of Open-source Websites for Countermeasures against COVID-19 in Various Places

- Tokyo Metropolitan Government has developed a COVID-19 information website and made it an open source project accessible to developers via the GitHub platform. Since then, starting with the website in Tokyo Metropolitan Government, engineers from various places have been making improvements.
- Since it was made an open source, volunteer engineers from all over Japan have been subsequently opening their local websites to the public. (As of March 26, 2020, websites are opened to the public in 34 prefectures, one region (Kyushu), and two ordinance-designated cities (Chiba and Fukuoka).)



Within three weeks after the website was opened to the public, 224 people cooperated in website improvements, 750 proposals were made, 671 cases were accepted.

Source: Tokyo COVID-19 Information (View date: March 24, 2020)  
<https://stopcovid19.metro.tokyo.lg.jp/>

Source: Based on Mr. Haruyuki Seki's data at the website of Code for Japan  
 (The screen is a part of GitHub used for development)

# Volunteers Also Operate Various Related Websites

In addition, volunteers established various websites related to countermeasures against COVID-19 and have been operating them.

Information on support measures in the private sector (collected by the government and converted into open data)

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2	分野	サービス分類	キーワード	サービス名称	対象者	開始日	終了日	期間備考	無料/有料	導入/廃止	企業名	詳細	発表日付	URL
1	教育、学習支援	サービス提供	プログラミング	スプリング・フェス シーズン1	個人への提供	2020-03-02	2020-04-05		無料		株式会社しくみデザイン	スプリングは無料のデジタルプログラミングアプリ、「スプリング・フェスシーズン1」は無料でも自宅などでプログラミングに詳しい個人をオンラインイベントで、これまでの学びの成果を発揮できるプログラミングコンテストや無料のプログラミング講座のライブ配信などを行います。	3/2/2020	https://www...
2	教育、学習支援	サービス提供	教材	Qubena (キュービナ)	学校利用・個人利用 (両方)	2020-03-02		次年度の学期開始まで	無料		株式会社COMPASS	株式会社COMPASSは、学校でご利用いただけるA型タブレット教材「Qubena (キュービナ)」と、個人で自宅学習にご利用いただける「Qubena Wiz Lite (キュービナ ワイズライト)」を新型コロナウイルスの影響による休校要請期間中に無償で提供いたします。	3/2/2020	https://cube...
3	教育、学習支援	サービス提供	教材	「Qubena Wiz Lite (キュービナ ワイズライト)」	学校利用・個人利用 (両方)	2020-03-02	2020-04-10	利用開始してから40日間	無料		株式会社COMPASS	株式会社COMPASSは、学校でご利用いただけるA型タブレット教材「Qubena (キュービナ)」と、個人で自宅学習にご利用いただける「Qubena Wiz Lite (キュービナ ワイズライト)」を新型コロナウイルスの影響による休校要請期間中に無償で提供いたします。http://wwwsec...302_3843.html	3/2/2020	http://www.f...
4	教育、学習支援	サービス提供	オンライン学習	「スタディサブ」	学校への提供		2020-04-30	遠隔アカウンティングサービス開始	無料		株式会社リンク	「スタディサブ」では、東方法務経理による小中学校から高校までの各学年を網羅した講義動画を、PC・タブレット、スマートフォンいつでもどこでも受講可能です。学校および先生方は「スタディサブ」or「TEACHERS」を通じて、授業・生徒に「スタディサブ」上の講義動画や確認テストなどを配信することができます。http://wwwsec...302_3843.html	3/2/2020	http://www.f...

Source: [https://docs.google.com/spreadsheets/d/1liHUK3D\\_b6e5BfqFG3ZBxQ8X-QVACdY7CeQeG6C7S1w/edit#gid=0](https://docs.google.com/spreadsheets/d/1liHUK3D_b6e5BfqFG3ZBxQ8X-QVACdY7CeQeG6C7S1w/edit#gid=0) (View date: March 30, 2020)

## Shizuoka Prefecture version

**VS COVID-19**

#民間支援情報ナビ For 静岡県版

検索する単語をご入力ください

ワークスタイル (テレワーク含む) サービス提供 コワーキングスペース

アクセスしてみる

**Qubena Wiz Lite**

小中学校・中等教育の学習支援費削減をカバーする金庫元を収録、タブレット端末とインターネット環境があればどこでも学習でき、会員サイトでは学習予定の回数や正答率、各単の達成状況などが確認できます。

提供: 株式会社COMPASS  
費用等: 無料

提供期間: 2020/03/02~2020/04/10 最初に利用開始してから40日間有効  
情報源: シチタイワークス (発表日付 2020/03/02)

アクセスしてみる

Source: <https://vs-covid19-shizuoka.netlify.com/> (View date: March 30, 2020)

Search websites for private support measures

**VS COVID-19**

#民間支援情報ナビ

388件 / 388件

企業等による新型コロナウイルス感染症対策支援サービスをまとめました (出典:政府オープンデータ)

検索する単語をご入力ください

コミュニケーション ワークスタイル (テレワーク含む) 医療、福祉 宿泊、飲食サービス 情報通信 教育、学習支援 生活関連サービス、娯楽 行政サービス等

その他

対象: 個人 企業 機関 その他

**/Bangarrow**

JR横浜駅から徒歩5分 横浜の海が一望できる高層階にあるコワーキングスペース

提供: ネットフォレスト  
対象: 個人, 企業等, 教育機関, 医療機関  
費用等: その他  
提供期間: 2018-02-15~  
情報源: 日本インターネットプロバイダー協会 (発表日付 2020-03-11)

ワークスタイル (テレワーク含む) サービス提供 コワーキングスペース

アクセスしてみる

Data: List of CC0 support companies  
App : VS COVID-19 # Private Support Information Navigation - CC BY Code for Japan @taisukef (src on GitHub)  
Design: CC BY HOWMORI Takuya Yamagata

Source: <https://vscovid19.code4japan.org/> (View date: March 27, 2020)

# Data Release Method of Government Agencies (Significance and Necessity of Open Data)

- Problems, including difficulty in the machine readability (\*) of information published by national and local governments and data format inconsistencies, became apparent, while engineers were developing websites in their areas.
- If each local government opens **data in a common data format that is machine-readable**, it will be possible to develop the websites more quickly and update the data thereafter.
- Therefore, Civic Tech group volunteers will create a **set of definition guidelines for open data items for countermeasures against COVID-19** so that each local government can create data.

(\*) Machine readability: A state of data in a format that can be easily processed by a computer.

## Definition guidelines were created according to the open data of the Tokyo Metropolitan Government.

東京都 新型コロナウイルス陽性患者発表詳細

データセット グループ アクティビティストリーム

東京都 新型コロナウイルス陽性患者発表詳細

東京都 新型コロナウイルス対策サイト <https://stopcovid19.metro.tokyo.lg.jp/> で公開している都内 新型コロナウイルス陽性患者の詳細データです。(注) 退院済フラグには、死亡退院含む

データとリソース

- 東京都 新型コロナウイルス陽性患者発表詳細
- 東京都 新型コロナウイルス対策サイト <https://stopcovid19.metro.tokyo.lg.jp/> で公開している都内...

追加情報

フィールド	値
ソース	<a href="https://stopcovid19.metro.tokyo.lg.jp/">https://stopcovid19.metro.tokyo.lg.jp/</a>
メンテナー	福祉保健局健康安全部感染症対策課
最終更新	2020年3月26日、午前8時30分 (UTC+09:00)
作成日	2020年3月5日、午後9時27分 (UTC+09:00)
更新頻度	毎日8 : 30更新



### 新型コロナウイルス感染症対策に関するオープンデータ項目定義書

- ・本データ項目定義書は、新型コロナウイルス感染症対策を推進するために、各自治体におけるオープンデータを支援する目的で作成したものです
- ・どのような情報を優先的にオープンデータ化し、情報発信の効率化を図るべきか、指針を検討するための参考としてご利用ください
- ・利用者にとっての使いやすさを担保するためには標準化された形でデータ公開が望ましいですが、必ずしも本定義書に準拠する必要はありません
- ・迅速かつ正確な情報発信を行うことを最優先してください

更新年月日	更新者	シート名	改定箇所	改定内容
2020/3/26	Sayoko Shimoyama	-	-	初版作成

Source: Open Data Catalog website of Tokyo Metropolitan Government View date: March 26, 2020  
(<https://catalog.data.metro.tokyo.lg.jp/dataset/t000010d00000000068>)

Source: Drafted by Ms. Sayoko Shimoyama, open data evangelist & regional informatization adviser (Representative Director of LinkData)

# Strengthening the Cooperation between Local Governments and Civic Tech

- Triggered by websites in various places for countermeasures against COVID-19, the necessity for the further promotion of open data by local governments and cooperation between local governments and **Civic Tech** (citizens aiming to solve social issues by utilizing technology) has become clear.
- Currently, such cooperation often depends on individual personal connections. Therefore, regional information advisors (arranged by MIC) and open data evangelists (arranged by National Strategy office of Information and Communication Technology, Cabinet Secretariat) will play the role of connecting Civic Tech members with local governments throughout Japan and supporting Civic Tech activities and the further promotion of open data initiatives.

## Local governments nationwide (Officials)



- Disseminating the trends of nationwide websites for countermeasures against COVID-19.
- Provision of data and formats that should be converted to open data.
- Conveying requests from Civic Tech members.
- Consultation on open data and website construction
- Request for bridging to Civic Tech members

## Regional information advisors and open data evangelists (volunteers)

Secretariat: VLED; support: Code for Japan and others

VLED: Vitalizing Local Economy Organization by Open Data & Big Data

- Arrangement of the provision status of the information of prefectures on COVID-19.
- Creating a set of definition guidelines for open data items for countermeasures against COVID-19
- Collecting and organizing proposals, requests, etc. from Civic Tech members nationwide.
- Bridging between Civic Tech members of each area and local governments (for the establishment of volunteer websites, for example).

## Nationwide Civic Tech members (Citizens)



- Disclosure on their own websites
- Bridging with local governments
- Consulting and requesting local governments (e.g., about the establishment of volunteer websites and provision of data)

## **Q: Is it okay to make a local government's official website with the open source code obtained from Tokyo's official website?**

- Of course, it is okay. This time, the official website created by the Tokyo Metropolitan Government uses an open source code base, and some local governments are using the source code to open their official websites. The open source code base is often improved from time to time. Therefore, it is desirable to reflect the improvements on their websites. At the same time, be aware of the source and license when using open source code that has been disclosed to the public.

## **Q. Is it okay to publish municipal data on an unofficial website created by local volunteers?**

- Anyone can freely use the information disclosed by local governments as open data. There is information that many people want to know even if it is not open data. It is desirable to deliver such information to residents by as many means as possible if it is transmitted correctly.
- Basically, statistical data is not copyrighted. Therefore, anyone can use it freely. If it is clearly indicated as open data, the users can utilize it with peace of mind. When posting data, specify the source and link to the original data.

## **Q. We created data using a set of definition guidelines for open data items for countermeasures against COVID-19 created by Civic Tech members. How should we open data to the public?**

- First of all, publish it on the open data website of your local government.
- In the future, National Strategy office of Information and Communication Technology, Cabinet Secretariat will grasp the disclosure status of each local government and publish it collectively (the timing is undecided). If you create and publish data in compliance with the definition guidelines for open data items for countermeasures against COVID-19 and report it to by National Strategy office of Information and Communication Technology, a link to the website will be set in the website of National Strategy office of Information and Communication Technology.

## **Q. Who should we contact if we have questions about open data or website construction?**

- Feel free to consult the following contacts:

### **Ministry of Internal Affairs and Communications: Open data consultation website**

<https://www.opendata-howto.org/>

### **Ministry of Internal Affairs and Communications: Consultation desk for public-private data and statistical data**

[https://www.soumu.go.jp/menu\\_seisaku/gyoumukanri\\_sonota/kanmin\\_data/index.html](https://www.soumu.go.jp/menu_seisaku/gyoumukanri_sonota/kanmin_data/index.html)

### **National Strategy office of Information and Communication Technology, Cabinet Secretariat : Comprehensive consultation desk**

<https://cio.go.jp/it-sodan>