



# COVID-19: GET LIVE MAPS, DATA, & INFO

Esri COVID-19 Newsletter | January 13, 2021



## Esri Vaccine Update Newsletter

With the most complex global vaccination campaign in history underway, you continue to meet each challenge with resilience and ingenuity. Distribution and administration of the vaccine has proven to be the greatest challenge yet. With the resources provided here, you can continue leveraging your ArcGIS tools for a more efficient delivery.

As promised, part two of this special edition newsletter includes further updates on our solutions, educational materials, use cases, and tools for applying GIS to support vaccine distribution. A third and final edition will be released the week of February 15, which will provide the remaining resources and news. As always, additional and archived content is available at any time on our [Esri community site](#).

Thank you for your tenacity, your work, and your continued trust in both ArcGIS and Esri throughout the course of the pandemic.

## RESOURCES

### Vaccine Distribution Resource Center

GIS is critical to mapping the breadth of distribution, prioritizing populations, identifying and analyzing gaps, managing inventory, and communicating with the public. For private companies, GIS is key in helping your employees understand where they can get vaccinated and when, reducing the risk of workplace disruptions. Use the resources and use cases on this page to navigate COVID-19 vaccine distribution in your community.

[Explore Vaccine Distribution Resources](#)

## FEATURED IN THIS ISSUE

### Create a COVID-19 Relative Risk Surface

Calculate and assess the ratio between case and control data to calculate relative risk surface. This metric allows users to compare the risk of illness over an area of interest—helping private companies understand potential impact on their workforce and supply chains.

[Learn More](#)

### Deploy Pre-Configured Solutions for Vaccine Distribution

Our newest pre-configured solutions enable users to communicate critical information to the public and monitor the progress of distribution per the indicators defined by the Centers for Disease Control and Prevention (CDC). Private and public entities alike can use these solutions to communicate information, manage expectations, and facilitate transparency about vaccine distribution.

[Read More](#)

### Find Nearby Dry Ice

With temperature-sensitive COVID-19 vaccines being distributed around the world, dry ice has become a critical resource. This searchable GIS directory helps connect local vaccine distributors with dry ice suppliers in their area.

[Learn More](#)

### How Drive-Through COVID-19 Vaccine Clinics Could Help Inoculate the U.S.

Officials in Carlton County, Minnesota spoke with Time magazine about how they are using ArcGIS to power online pre-registration and real-time tracking for their drive-through COVID-19 vaccine clinic. This minimal-contact strategy is not only resourceful—it's also repeatable.

[Read More](#)

### Annual Update of US Census Bureau Data

Esri has just added many 2015–2019 American Community Survey (ACS) data updates from the US Census Bureau, making this information available through the ArcGIS Living Atlas of the World. Learn more about what topics were updated and how you can use that data to respond to COVID-19.

[Read More](#)

### COVID-19 Vaccine Distribution Tools

These sample applications interpret the CDC COVID-19 vaccination playbook to determine population phases, allocate resources, and select new sites in a region. Click "About this Analysis" to see how you can replicate it in your ArcGIS organization.

[Learn More](#)

### Intersection of Big Data Analytics, COVID-19 Top Focus of 2020

In partnership with Definitive Healthcare, Esri has helped launch an interactive data platform allowing people to analyze US hospital bed capacity. Learn about this and other coronavirus-related data analysis in an article from Health IT Analytics.

[Read More](#)

### USDA Food and Nutrition Service: Find Meals for Kids

Between the economic slowdown and school closures, child hunger is affecting many families during this pandemic. Share this interactive map from the US Department of Agriculture to help connect children who may rely on reduced-priced meals at school with the appropriate resources to stay healthy.

[Read More](#)

### Slovakia's COVID-19 Testing Gains Efficiency with Live Maps

Testing will continue to be important for months to come until most of the world is vaccinated. In a swift effort to conduct nationwide testing, officials in Bratislava, Slovakia, relied on ArcGIS to communicate with the public and coordinate operations. See how their strategy boosted public confidence and positioned them to continue testing as they begin their vaccination campaign.

[Read More](#)

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### Keep Current on Maps, Datasets, Applications, & More

The COVID-19 GIS Hub will continue to be your most up-to-date destination for new resources. Use this site to access the latest maps, datasets, applications, and more for COVID-19 to help you visualize and analyze the pandemic in the context of your community or organization. [Access Now](#)

## CONNECT WITH YOUR GIS COMMUNITY



GeoNet is the place where Esri staff, partners, users, and others in the GIS community are connecting, collaborating, and sharing best practices to respond to COVID-19.

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