

Solutions for government health organizations in light of COVID19

Government healthcare organizations are tackling unprecedented challenges associated to COVID-19. Google Cloud and Cloudbakers are focused on delivering solutions to support you.



Infrastructure to quickly scale operations

Solutions to support government and healthcare leverage technology in new ways, including:

Virtual care and telehealth

Systems are experiencing unprecedented numbers of patients needing care. To alleviate this burden, healthcare organizations are increasingly turning to virtual visits and new digital ways to collaborate and monitor patients remotely. Our [G Suite and Cloud Identity HIPAA Implementation Guide](#) describes how G Suite supports [HIPAA compliant](#) use.

Remote work solutions

G Suite offers video conferencing (Google Meet), chat, email, and shared documents, allowing your team to efficiently work together remotely and in real-time. Share and collaborate with co-workers and external partners—anytime, anywhere, and across a broad range of devices. Access [remote working resources](#).

Solutions for social services

As the unemployment rate increases social services safety net programs will be overwhelmed. Elder abuse, child abuse and domestic violence are on the rise. Google Cloud can provide agencies with solutions across unemployment, assistance programs (food, health, cash, housing & shelters), and children & adult protective services. Intelligent agents, chatbots, web and app resources, document processing using AI/ML and G Suite are offerings that can provide a holistic solution - all aimed at reducing up to 70% of human intervention to provide quality service in anticipation of unprecedented increases in demand.

Critical application and website continuity

Many government and healthcare COVID-19-related websites are experiencing traffic issues, even downtime. In response, we're offering content delivery network services and cloud resources that scale.

Cloud CDN enables critical websites to avoid downtime and enable fast, reliable web, and video content delivery at a global scale.

High performance computing (HPC) resources and consortium

Google is a member of the COVID-19 HPC consortium, which brings together federal government, industry, and academic leaders volunteering free compute time and resources to help researchers everywhere better understand COVID-19, treatments, and potential cures.

The availability of High Performance Computing will permit researchers to quickly run large numbers of calculations in epidemiology, bioinformatics, and molecular modeling—experiments that would normally take months on traditional computing platforms.

To apply for research credits for COVID-19 related projects [complete our application form](#). Our team reviews all proposals against available funding sources including the HPC consortium and other funding pools.



Solutions to provide support, information, & insights

Solutions to help health professional, government, and researchers, get timely and accurate information, such as:

Data collection and insight tools

We're supporting governments and organizations who are collecting information (e.g., symptoms, pre-existing medical conditions) in order to better monitor and support their communities. Submissions displayed in dashboards and reports preserve anonymity. The tools that support this, like Google Forms and Data Studio, can be used in compliance with laws and regulations.



Rapid response virtual agent for COVID-19

Using Contact Center AI, provide chat and voice support in 23 languages to address the influx of questions related to COVID-19. Give customers the information they need and alleviate pressure on your contact center.

[Learn more.](#)

Visualization of essential services

Using Google Maps Platform in conjunction with COVID-19 datasets, healthcare organizations can locate critical equipment, provide testing site locations, give patients directions, and route medical deliveries to recipients.



Global health research and scientific accelerations

Analytics and visualization tools to help your institution understand the potential impact of COVID-19, including:

COVID-19 open research dataset challenge

The White House and a coalition of leading researcher groups brought together 20K+ COVID-19 academic articles on Google's Kaggle platform in just a few days. The Kaggle community of 4+ million data scientists are extracting critical information from the open data set

[Learn more here.](#)

COVID-19 data visualization templates

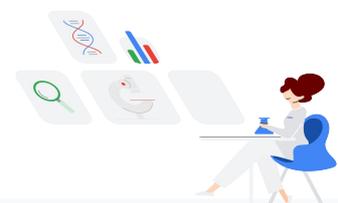
Through Google Cloud researchers and officials can utilize pre-built clinical and operational analytics and user-friendly resources to help answer questions on COVID-19.

Data driven COVID19 models

Researchers have turned to Google Cloud Life Sciences to help accelerate research programs, including studying how social distancing and travel restrictions affect COVID-19 transmission. [Learn more.](#)

Free access to high-demand public health datasets

To support healthcare customers and researchers in developing new insights on the virus, we're making a pre-hosted repository of public datasets like [Johns Hopkins Center for Systems Science and Engineering](#) (JHU CSSE), US Census, and Hospital General Information from HHS free to access and query via our BigQuery [public datasets program](#). These datasets remove barriers and provide access to critical information quickly and easily, eliminating the need to search and onboard large data files. Customers can access the dataset on the [Google Cloud Marketplace](#), along with a description of the data and sample queries to advance research.



→ Our full team of cross-functional experts across sales, engineering, and customer service is here to collaborate with you. Contact our Google Cloud certified reps at care@cloudbakers.com.

→ Explore how Google is helping people and organizations across the globe by visiting <https://www.blog.google/inside-google/company-announcements/coronavirus-covid19-response/>