The data management during an outbreak is intense and complex.

• How big and intense is the crisis?
  • Detailed line list or the case investigation form.
  • Aggregated case/death counts.

• How well are we responding to it?
  • Hospitals, beds, testing, social measures, finance, vaccines, HR, policies, etc..
The COVID-19 portals we supported were to collect simple case/death counts on a regular frequency

- Aggregated daily data on cases and deaths (PAHO Surv. daily data platform)
- Aggregated weekly data platform
- Aggregated weekly Mortality data platform
PAHO daily entry platform

WHO HQ Global Dashboard

PAHO Regional and Country Dashboards hosted on Hub

PAHO On Premises Deployment

WHO ArcGIS Online Organization / Xmart

Enters ADM0 and ADM1 Updates into Daily Data Entry Application

ADM0 and ADM1 AMRO specific services published back to WHO Org

Api services from country websites

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Api services from country websites
COVID data entry platform

- **End to end solution.** (data entry, storage, manipulation, dashboards, data downloads, api’s.)
- **Near real time.** (data entry to the public dashboard is approx. 15-45 minutes)
- **Designed for country staff.** (ministries can be extended access by inviting them in Azure AD or their social login.)
- **Logical data management.** (supports calculation logic, data retrieval, and edit previously submitted records.)
- **Configurable for regional needs.** (data entry platform supports region-based questions within the same interface with a single back end data table.)
- **HQ integration.** (data services shared to support WHO HQ needs.)
- **Template for dashboards.** (out of box templates for each country (up to 50 countries in this case) and a regional hub with dashboards at sub region level.)
- **Open data.** (download through various formats by the end users (csv, excel, shape files, json, geojson api’s available in a seamless manner).
Global COVID Mortality data platform

WHO HQ Global Dashboard

Regional / Country Dashboards hosted on Hub

WHO ArcGIS Online Organization

Cleaned datasets published back to ArcGIS online

Analytics, reports, charts and maps.

Users enter data through online data entry forms or through mobile.

WHO HQ Internal server

Member states reporting of Mortality data

Welcome to COVID-19 Mortality Weekly Reporting Platform!

[Visual of dashboard with options like 'Weekly national mortality data', 'Weekly national mortality excel', 'Mortality weekly bulk upload UAT']

(Dear user, please note that this is a Test environment and does not contain real data.)

For feedback, comments or questions, please contact mortality@who.int

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