Epi Update, WHO COVID-19 Dashboard & Explorer App

Health Emergency Information & Risk Assessment
WHO Health Emergencies Programme

emergencyinfo@who.int

https://covid19.who.int
Global Situation: Overview

- **Previous week (wk 41/2020):**
  - >2.2 million new confirmed cases reported.
  - >39,000 new deaths.

- **Cumulative (as of 14 Oct):**
  - >38 million cases
  - >1.08 million deaths.

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### Countries with the highest number of new cases reported to WHO in past week (wk 41, ending 11 Oct)

<table>
<thead>
<tr>
<th>Country</th>
<th>New Cases</th>
<th>New Cases per 1M Pop</th>
<th>Total Cases</th>
<th>Total Cases per 1M Pop</th>
</tr>
</thead>
<tbody>
<tr>
<td>India</td>
<td>504,433</td>
<td>365.5</td>
<td>7,053,806</td>
<td>5,111.4</td>
</tr>
<tr>
<td>United States of America</td>
<td>327,514</td>
<td>989.5</td>
<td>7,583,748</td>
<td>22,911.4</td>
</tr>
<tr>
<td>Brazil</td>
<td>175,365</td>
<td>825.0</td>
<td>5,055,888</td>
<td>23,785.8</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>110,827</td>
<td>1,632.5</td>
<td>590,848</td>
<td>8,703.5</td>
</tr>
<tr>
<td>France</td>
<td>110,665</td>
<td>1,695.4</td>
<td>691,368</td>
<td>10,591.9</td>
</tr>
<tr>
<td>Argentina</td>
<td>91,779</td>
<td>2,030.7</td>
<td>871,468</td>
<td>19,282.1</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>83,717</td>
<td>573.7</td>
<td>1,298,718</td>
<td>8,899.3</td>
</tr>
<tr>
<td>Mexico</td>
<td>56,661</td>
<td>439.5</td>
<td>809,751</td>
<td>6,280.4</td>
</tr>
<tr>
<td>Colombia</td>
<td>52,769</td>
<td>1,037.1</td>
<td>894,300</td>
<td>17,575.7</td>
</tr>
<tr>
<td>Spain</td>
<td>50,246</td>
<td>1,074.7</td>
<td>891,112</td>
<td>18,417.6</td>
</tr>
</tbody>
</table>

*Data are incomplete for the current week. Cases depicted by bars; deaths depicted by line.*
COVID-19 cases reported in the last 7 days per 1 million population
(from 05 October 2020, 10:00AM to 11 October 2020, 10:00AM (CEST))

Map Production: WHO Health Emergencies Programme

Cases reported in the last 7 days (per 1 million population)
- < 101
- 101 - 500
- 501 - 1,000
- > 1,000
- No cases reported in the last 7 days
- No reported cases

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. [1] All references to Kosovo in this document should be understood to be in the context of the United Nations Security Council resolution 1244 (1999).

Number of cases of Serbia and Kosovo (UNSCR 1244, 1999) have been aggregated for visualization purposes.
Weekly trends by WHO region
(through wk 41, ending 11 Oct 2020)

* Data are incomplete for the current week. Cases depicted by bars; deaths depicted by line. Note different scales for y-axes.
WHO COVID-19 Dashboard: Visualizing data shared by Member States

- Resource for epi data visualization, dissemination and exploration – a resource for everyone for global situation awareness
- Frequently updated data on confirmed case, death & transmission:
  - Daily reports from countries/territories/areas worldwide
  - Collated and validated by WHO at country, regional and global levels – minor lag to ensure accuracy
  - Continuous prospective and retrospective data updates, 7 days/wk
- >32 million users to date via mobile, tablet & desktop
- What’s Next? Ongoing development to adapt to the pandemic:
  - Phase I (Mar-Sep 2020): concept to current dashboard achieved through in-kind support from tech-industry – Sprinklr
  - Phase II (through Sep 2021): generously funded by Republic of Korea Ministry of Health and Welfare

https://covid19.who.int
WHO COVID-19 Dashboard: Select features (1)

**Interactive maps to review spatial distribution:**
Cases, deaths by totals, total per 1 million persons, last 24hrs, last 7 days; and reported transmission classification

**Epidemic curves to review trends:**
Cases and deaths globally, by WHO Region, by Country/Territory/Area; daily and weekly; cases and deaths; newly reported and cumulative
WHO COVID-19 Dashboard: Select features (2)

Data table:
Search by region/country, add/remove and sort data, download for further analysis

Country-specific information:
Click the map or search to review case and death trends
COVID-19 Explorer Application

- New desktop app, providing tools to explore, overlay and export global, regional and country-level visualizations and indicators
- Access via the ‘Explore’ tab, or https://worldhealthorg.shinyapps.io/covid/
COVID-19 Explorer Application, and beyond

- Bringing case and death count data, together with other published data on:
  - Testing strategies and rates from Our World in Data and Oxford
  - Population mobility from Apple and Google
  - Response indices from Oxford

- Scope to extend the dashboards and app to additional features and other data sources (e.g. Weekly Aggregate Surveillance)
  - Feedback, suggestions, additional data inputs welcomed: emergencyinfo@who.int
Information Products

COVID-19 Dashboard & Explorer App
WHO Health Emergencies Dashboard

Weekly Epidemiological Update & Weekly Operations Update

Coronavirus disease (COVID-19)
World Health Organization, October 2020

Global epidemiological situation
Since the first WHO Emergency Committee meeting on 30 January 2020, >31.4 million cases and >1 million deaths have been reported globally. Nearly half of these cases (15.6 million deaths) were reported in Asia. The European region accounted for the second highest number of cases and deaths (14.3 million cases and 248,763 deaths), followed by the Americas region (11.7 million cases and 233,654 deaths). The Americas region accounted for the highest number of deaths (253,164), followed by Europe (248,763) and Southeast Asian region (236,483). The African region had the lowest number of cases (5.1 million) and deaths (71,202), followed by the Eastern Mediterranean region (3.0 million cases and 70,651 deaths).

Weekly Epidemiological Update & Weekly Operations Update

Operational Update on COVID-19

COVID-19 clinical management online.

For the latest data and information on COVID-19, please see:
- www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports
- Weekly Epidemiological Update & Weekly Operations Update
- WHO Health Emergencies Programme
- COVID-19 Dashboard & Explorer App
- WHO Health Emergencies Dashboard

https://covid19.who.int/
https://worldhealthorg.shinyapps.io/covid/
https://extranet.who.int/publicemergency

www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports