

COVID 19 & a safer future

Lessons Learned and Challenges

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Current Situation of covid-19

Global Situation

770,875,433

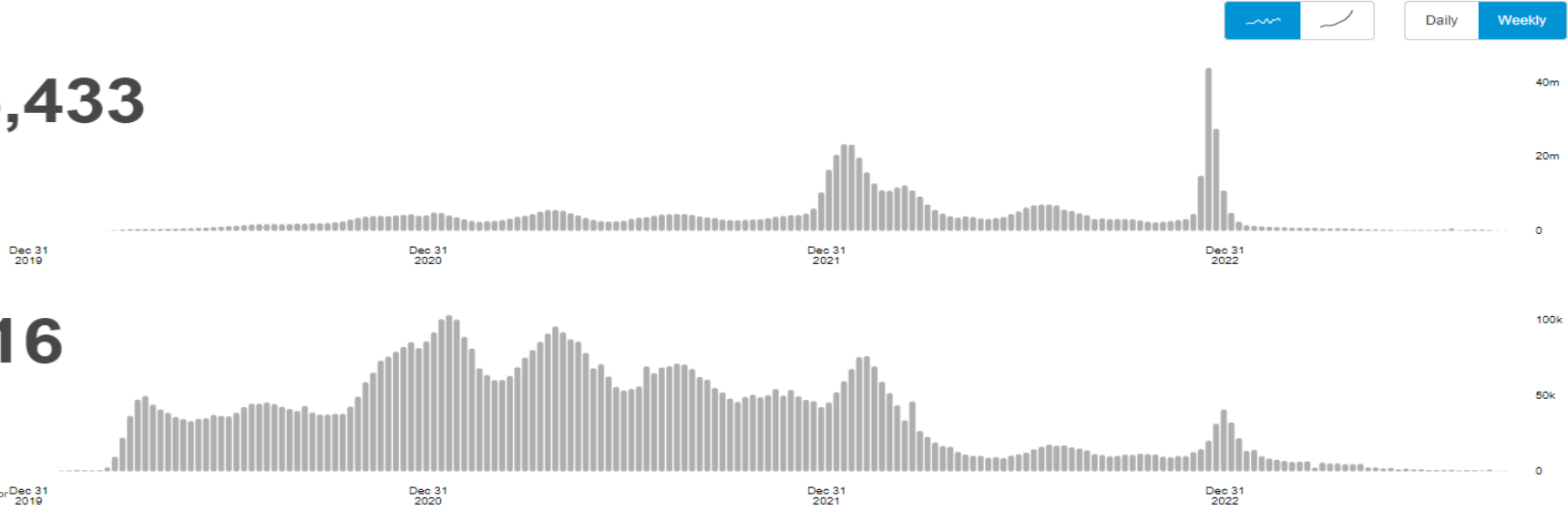
confirmed cases

6,959,316

deaths

Source: World Health Organization

Data may be incomplete for the current day or Dec 31 week.



Situation by WHO Region

Europe

276,134,635
confirmed

Western Pacific

207,284,734
confirmed

Americas

193,286,267
confirmed

South-East Asia

61,205,037
confirmed

Eastern Mediterranean

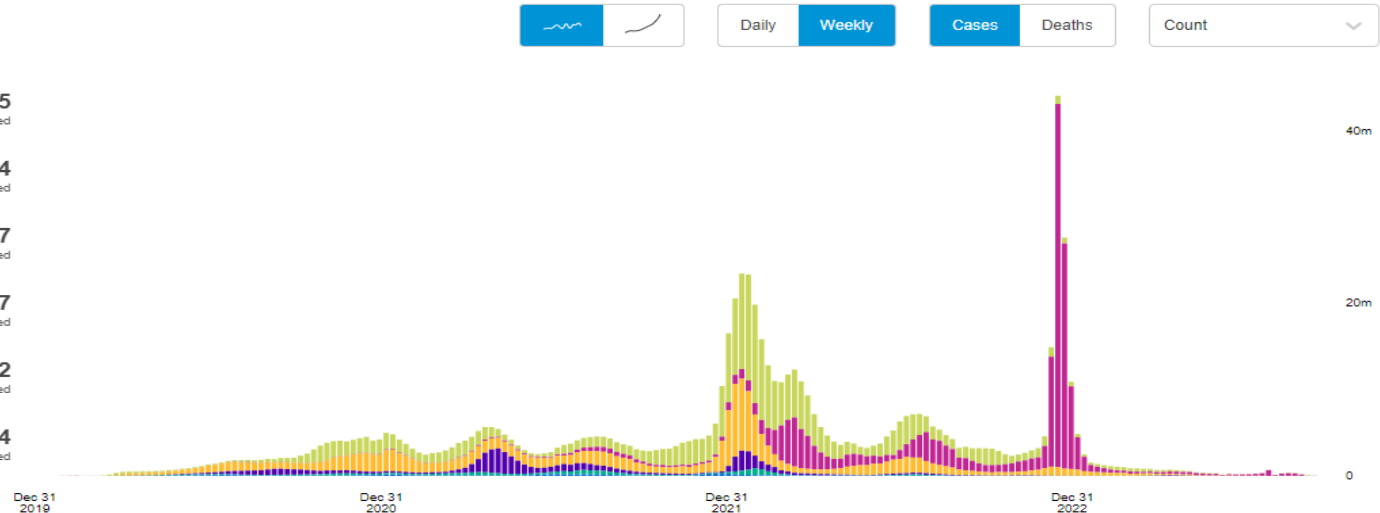
23,394,122
confirmed

Africa

9,569,874
confirmed

Source: World Health Organization

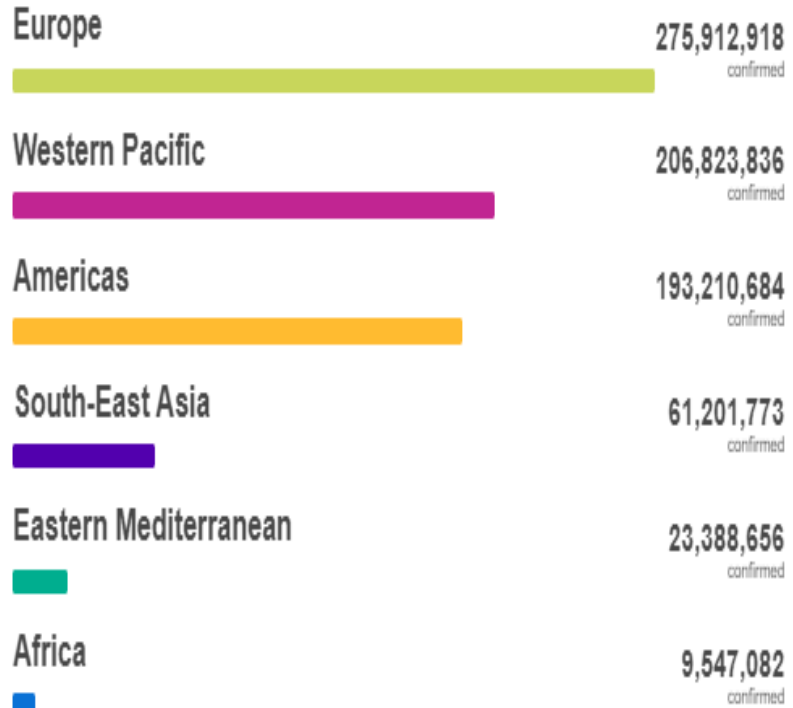
Data may be incomplete for the current day or week.



SITUATION BY WHO REGION (12:20 PM CEST, August 30, 2023)

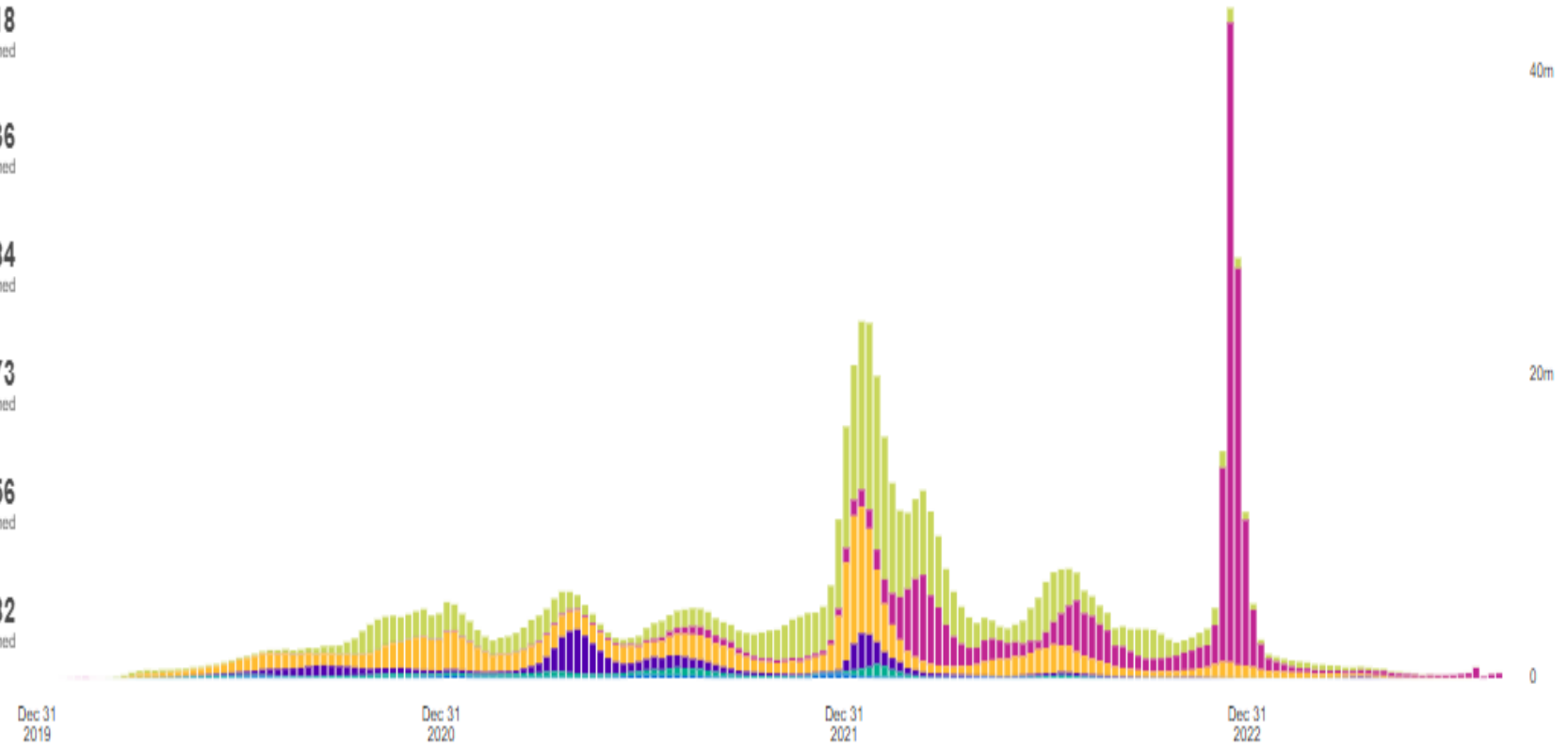
CATEGORIES	SITUATION DATA						
REGIONS	CASES (Cumulative Total)	CASES (Newly Reported in Last 7 Days)	DEATHS (Cumulative Total)	DEATHS (Newly Reported in Last 7 Days)	VACCINES (Total Doses Administered/100 Population)	VACCINES (Persons Vaccinated w/ a Complete Primary Series/100 Population)	VACCINES (Persons Vaccinated w/ at Least One Booster or Additional Dose/100 Population)
EUROPE	275,912,918	8,735	2,247,113	37	185.18	64.6	35.22
WESTERN PACIFIC	206,823,836	172	416,682		242.18	85.54	55.46
AMERICAS	193,210,684		2,958,886		208.05	71.21	42.42
SOUTH-EAST ASIA	61,201,773	563	806,661	8	165.75	69.19	21.07
EASTERN MEDITERRANEAN	23,388,656	317	351,395		123.23	51.53	19.00
AFRICA	9,547,082		175,423		56.63	32.36	5.55

SITUATION BY WHO REGION (Confirmed Cases)

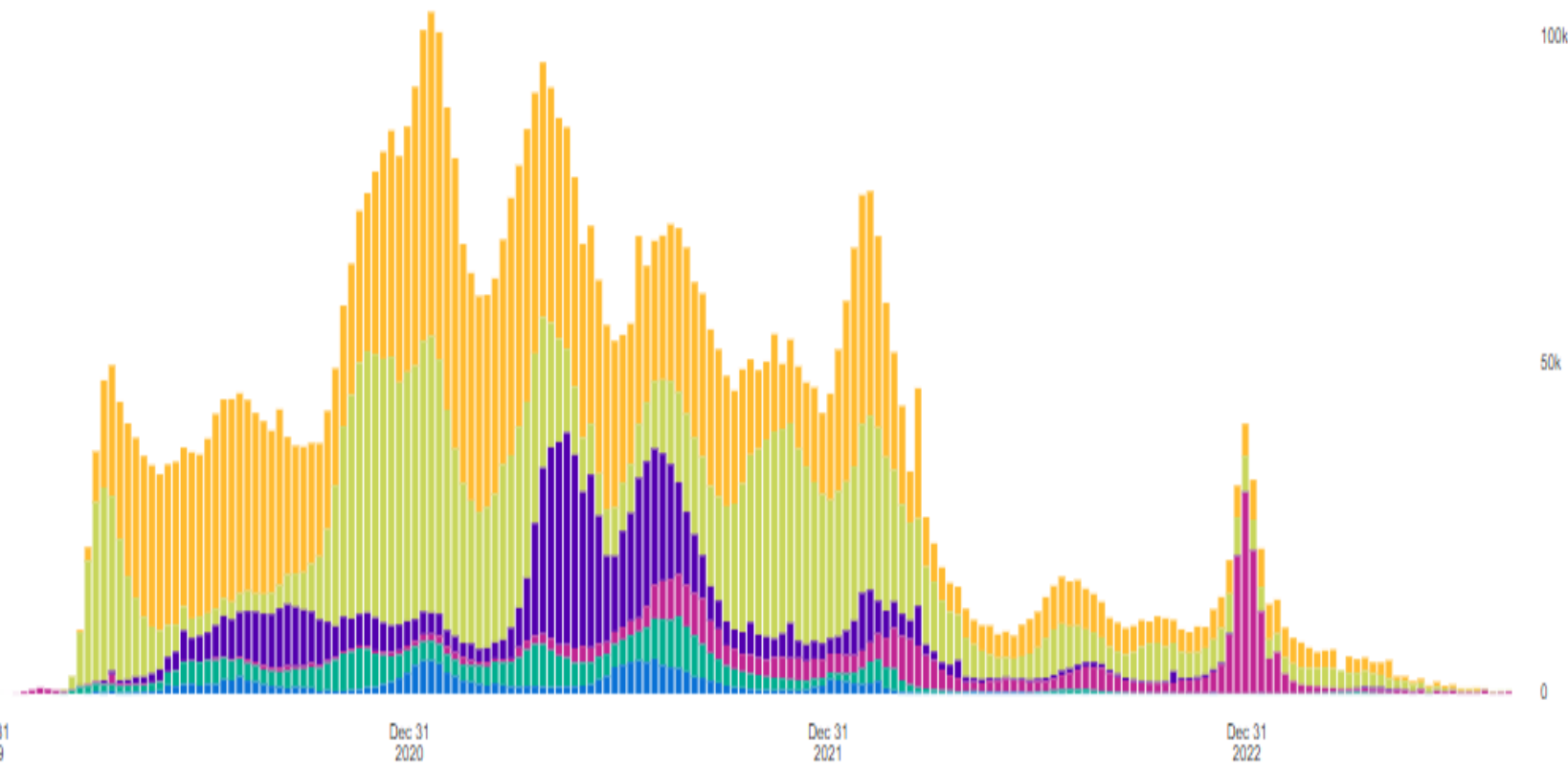
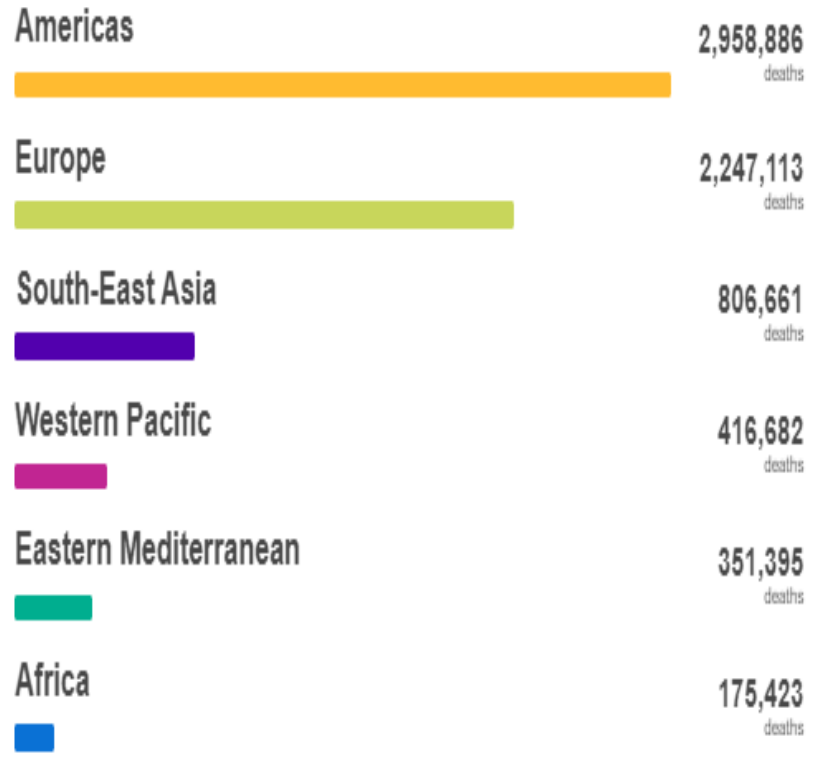


Source: World Health Organization

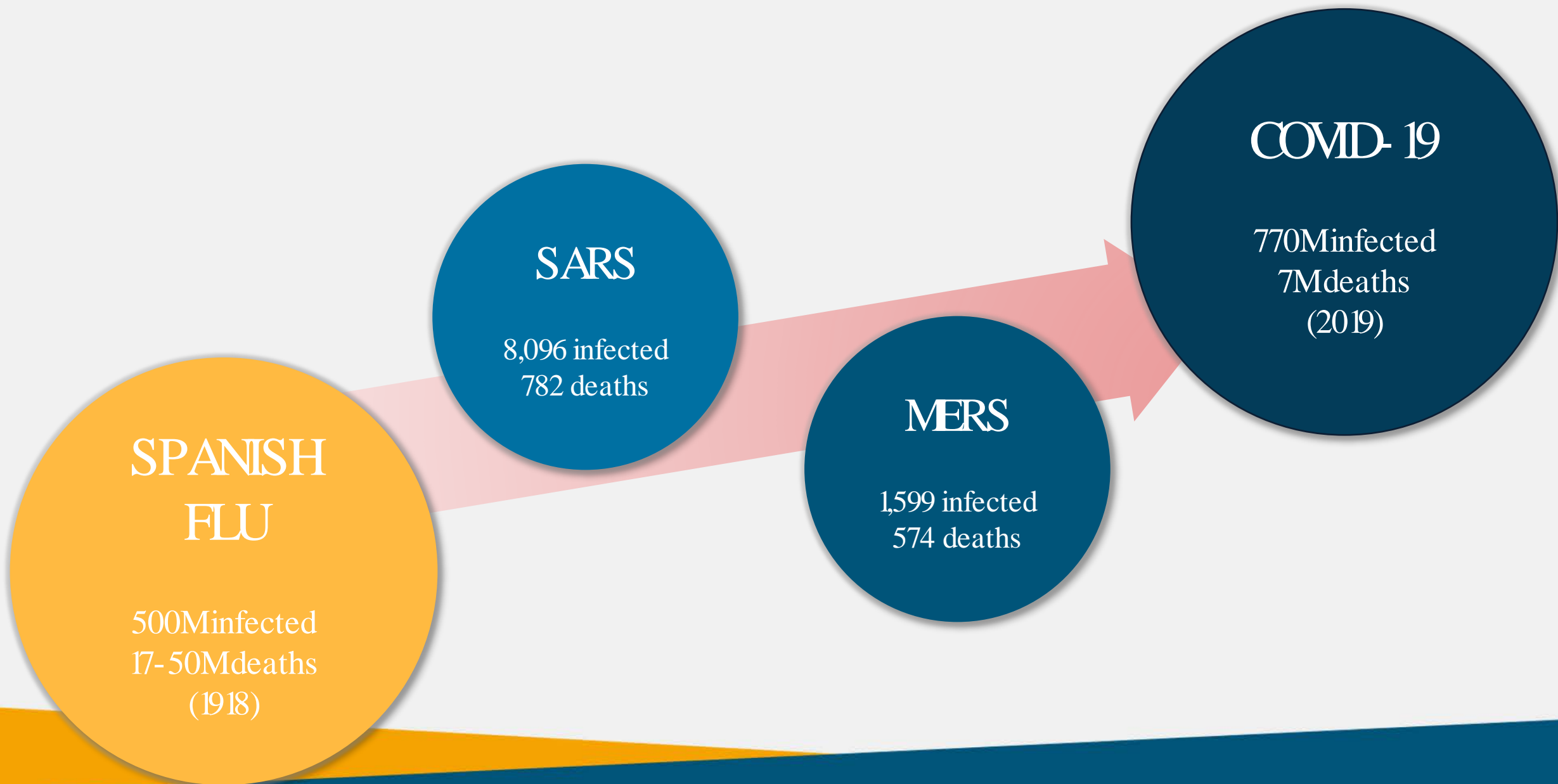
Data may be incomplete for the current day or week.



SITUATION BY WHO REGION (death Cases)

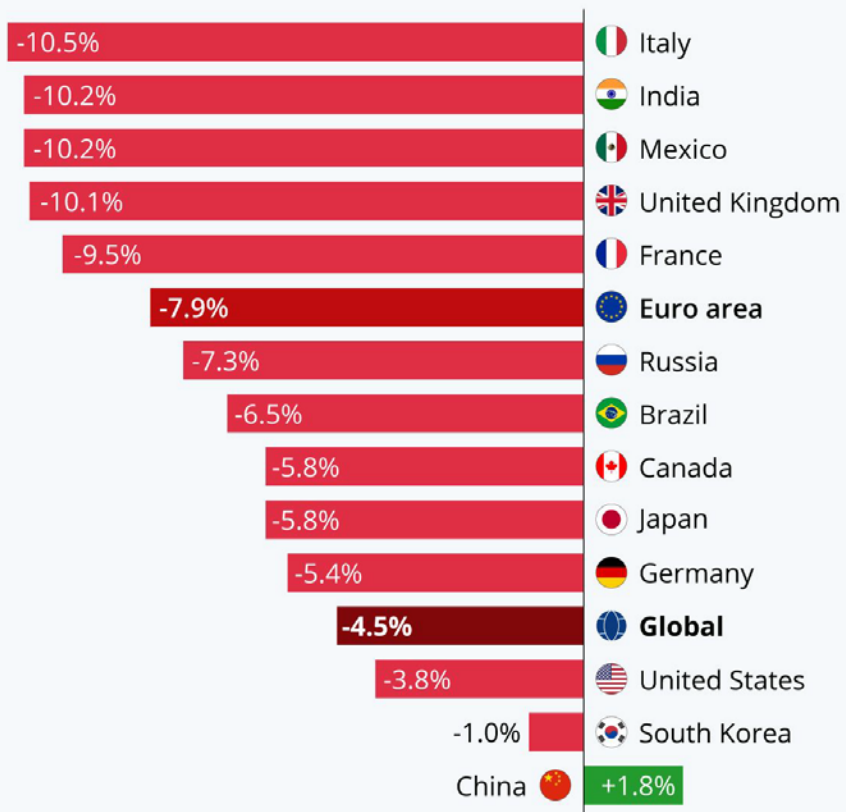


Source: World Health Organization
Data may be incomplete for the current day or week.



How Hard Will GDP Be Hit in 2020?

Year-on-year real GDP growth forecasts for 2020



Source: OECD



statista

OECD Economic Outlook Projections

Real GDP growth (% , Year over Year)

	2020	2021	2022		2020	2021	2022
World	-3.4	5.6	4.0	G20	-3.2	6.2	4.1
Australia	-2.5	4.5	3.1	Argentina	-10.5	4.6	2.1
Canada	-5.4	4.7	4.0	Brazil	-4.4	3.7	2.7
Euro area	-6.8	3.9	3.8	China	2.3	7.8	4.9
Germany	-5.3	3.0	3.7	India*	-7.4	12.6	5.4
France	-8.2	5.9	3.8	Indonesia	-2.1	4.9	5.4
Italy	-8.9	4.1	4.0	Mexico	-8.5	4.5	3.0
Spain	-11.0	5.7	4.8	Russia	-3.6	2.7	2.6
Japan	-4.8	2.7	1.8	Saudi Arabia	-4.0	2.6	3.9
Korea	-1.0	3.3	3.1	South Africa	-7.2	3.0	2.0
United Kingdom	-9.9	5.1	4.7	Turkey	1.8	5.9	3.0
United States	-3.5	6.5	4.0				

downward revision, by 0.3pp or more
 no change or smaller than 0.3pp
 upward revision, by 0.3pp or more

Source: LPL Research, Organisation for Economic Co-operation and Development 3/10/21

COVID-19 PANDEMIC

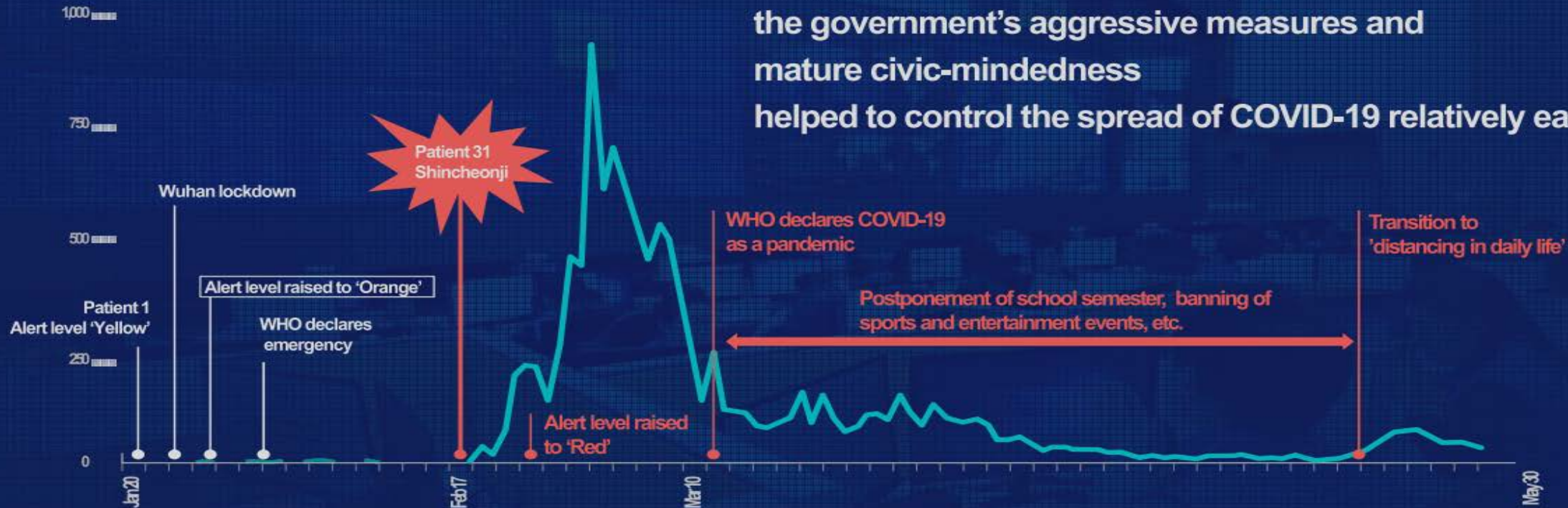


“COVID-19 is the worse pandemic since the Spanish Flu, which has affected not only the health sector, but also social, economic and political sectors.”

→ Preparedness is crucial for the next pandemic

Korea's response to covid-19

After raising alert level to 'Red (highest level)', the government's aggressive measures and mature civic-mindedness helped to control the spread of COVID-19 relatively early



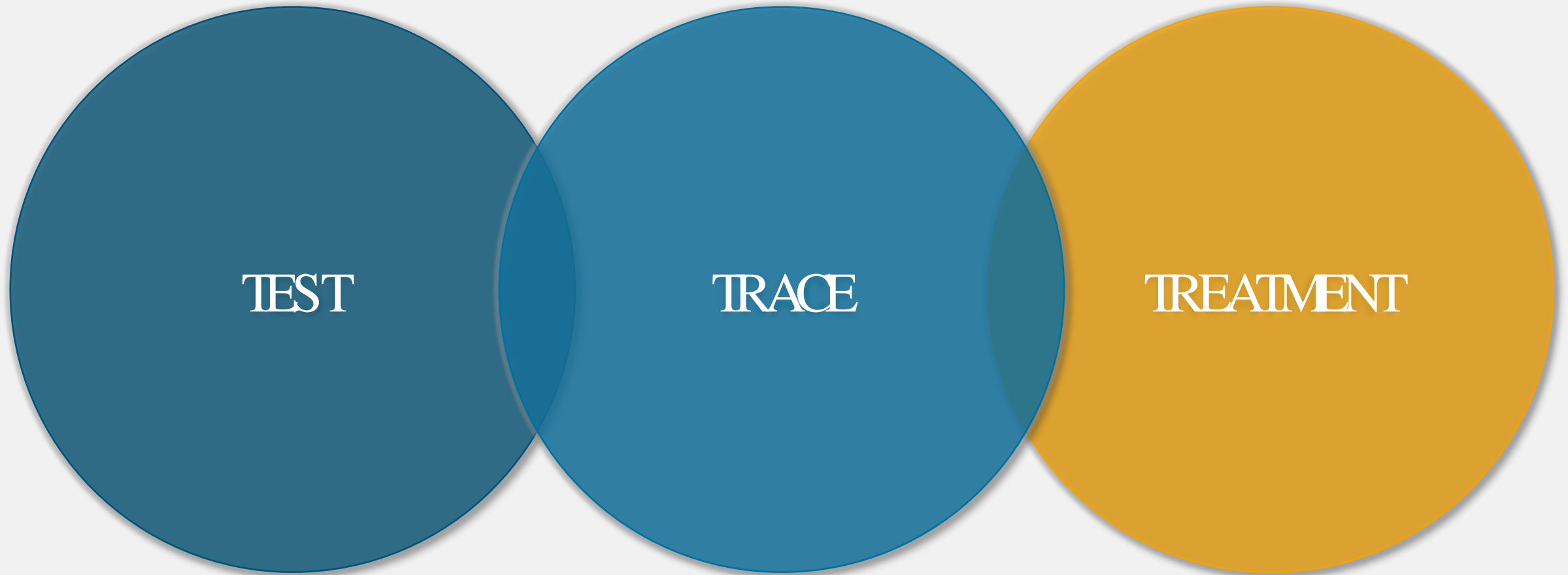
3 principles of covid-19 response

OPENNESS

TRANSPARENCY

CREATIVE
INNOVATION

3 WAYS TO REALIZE PRINCIPLES OF COVID-19 RESPONSES: “THE 3 T’S”



Environmental factors

- Deploying public health doctors & medical staff
- A national health insurance scheme covering all citizens

PUBLIC
HEALTH CARE
SYSTEM

SENSE OF
CIVIC DUTY

- Voluntary participation in social distancing
- Compliance with sanitary regulations

- Rapid tracing through smart management system
- Swift decision-making through video conferences
- Mobile apps for monitoring

ICT
INFRASTRUCTURE

INCLUSIVE
GOVERNANCE

- Open decision-making structure
- Administration based on specialization
- Full support from president

Lessons: Korea's preparedness through objective review

MERS outbreak
(2015)

Joint External
Evaluations (JEE)

Prevent/Detect/Respond
(National/Regional/Global)

COVID-19

The Korean government effectively responded to the pandemic by strengthening its preparedness based on the JEE after the MERS outbreak in 2015.

Value of international cooperation in the pandemic response

The Joint External Evaluation (JEE)

PREVENT

Preventing & Reducing

- Preventing & reducing the likelihood of outbreaks
- Other public health hazards & events defined by IHR

DETECT

Detecting

- Detecting threats early can save lives

RESPOND

Rapid Response

- Rapid & effective response requires multi-sectoral, national, and international coordination & communication

Preparedness for the Pandemic

(1) Capacity Building at the national, regional, and global level

(2) Transparent & prompt information sharing

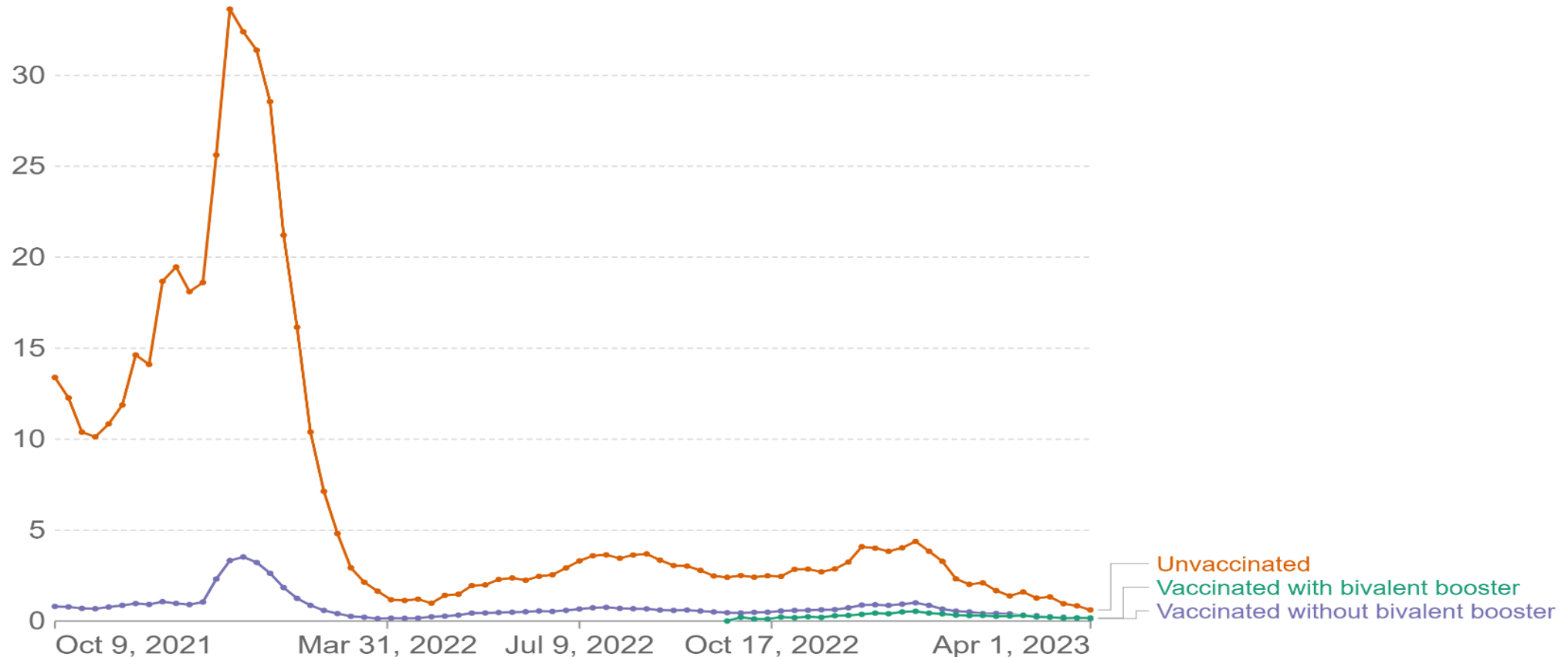
(3) UHC: Healthcare Infrastructure

Lessons: equitable access to vaccine & essential tools (1)

United States: COVID-19 weekly death rate by vaccination status, All ages

Death rates are calculated as the number of deaths in each group, divided by the total number of people in this group. This is given per 100,000 people.

Our World
in Data



Source: Centers for Disease Control and Prevention, Vaccine Breakthrough/Surveillance and Analytics Team

Note: The mortality rate for the 'All ages' group is age-standardized to account for the different vaccination rates of older and younger people.

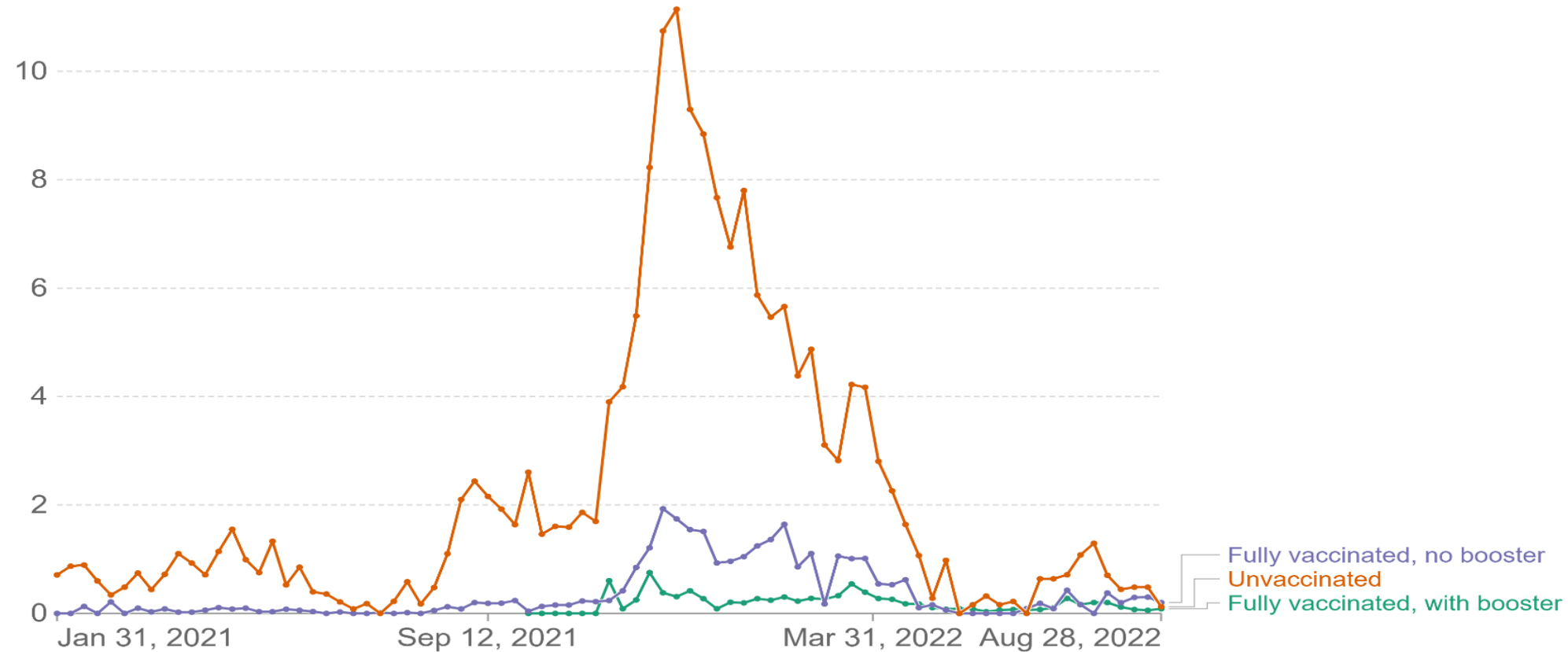
OurWorldInData.org/coronavirus • CC BY

Lessons: equitable access to vaccine & essential tools (2)

Switzerland: COVID-19 weekly death rate by vaccination status, All ages



Death rates are calculated as the number of deaths in each group, divided by the total number of people in this group. This is given per 100,000 people.



Source: Federal Office of Public Health

OurWorldInData.org/coronavirus • CC BY

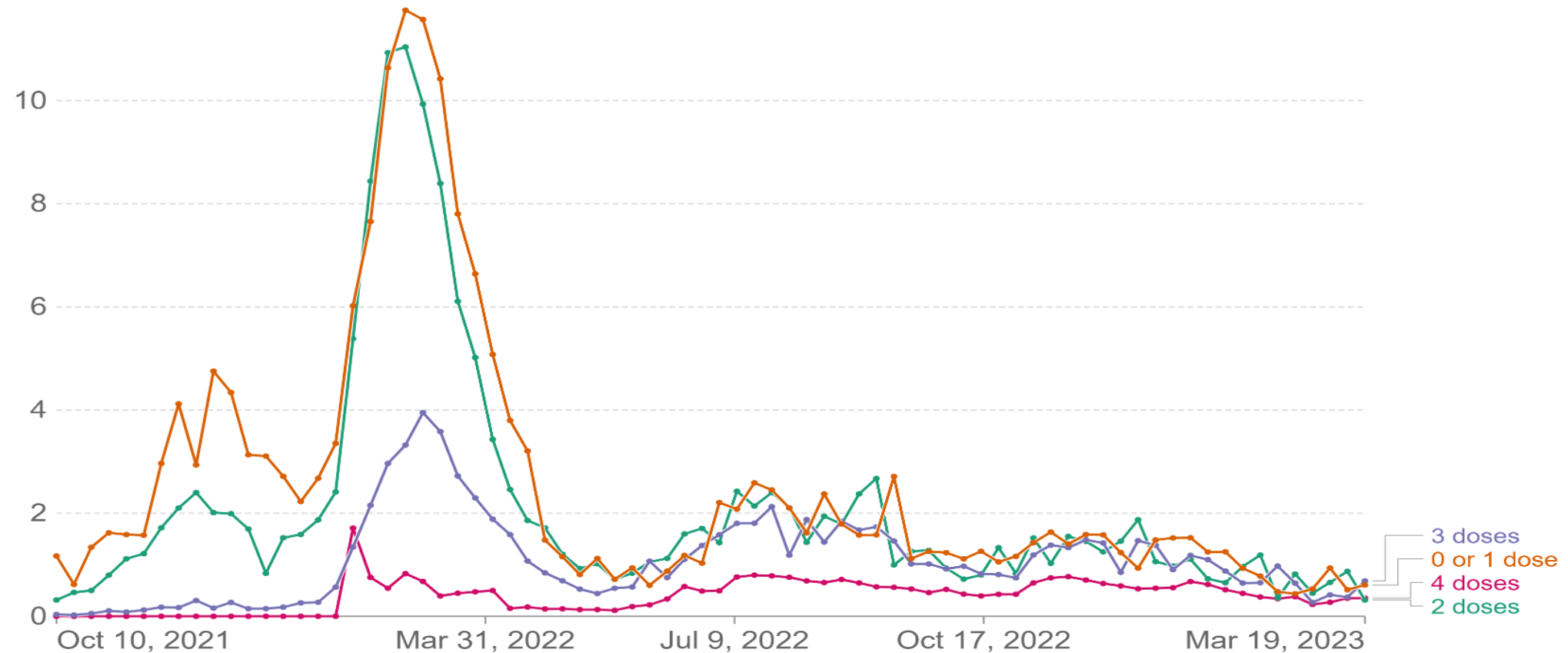
Note: Data coverage includes both Switzerland and Liechtenstein. Unvaccinated people have not received any dose. Partially-vaccinated people are excluded. Fully-vaccinated people have received all doses prescribed by the initial vaccination protocol. The mortality rate for the 'All ages' group is age-standardized to account for the different vaccination rates of older and younger people.

Lessons: equitable access to vaccine & essential tools (3)

Chile: COVID-19 weekly death rate by vaccination status, All ages

Death rates are calculated as the number of deaths in each group, divided by the total number of people in this group. This is given per 100,000 people.

Our World
in Data



Source: Department of Epidemiology, Ministry of Health, via Ministry of Science GitHub repository

Note: The mortality rate for the 'All ages' group is age-standardized to account for the different vaccination rates of older and younger people.

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COVID-19 shows the value of fair access to vaccines, therapeutic medicine, and essential devices.

- Higher vaccination rates → Lower mortality rate
- Lower vaccination rates → Higher risk taken

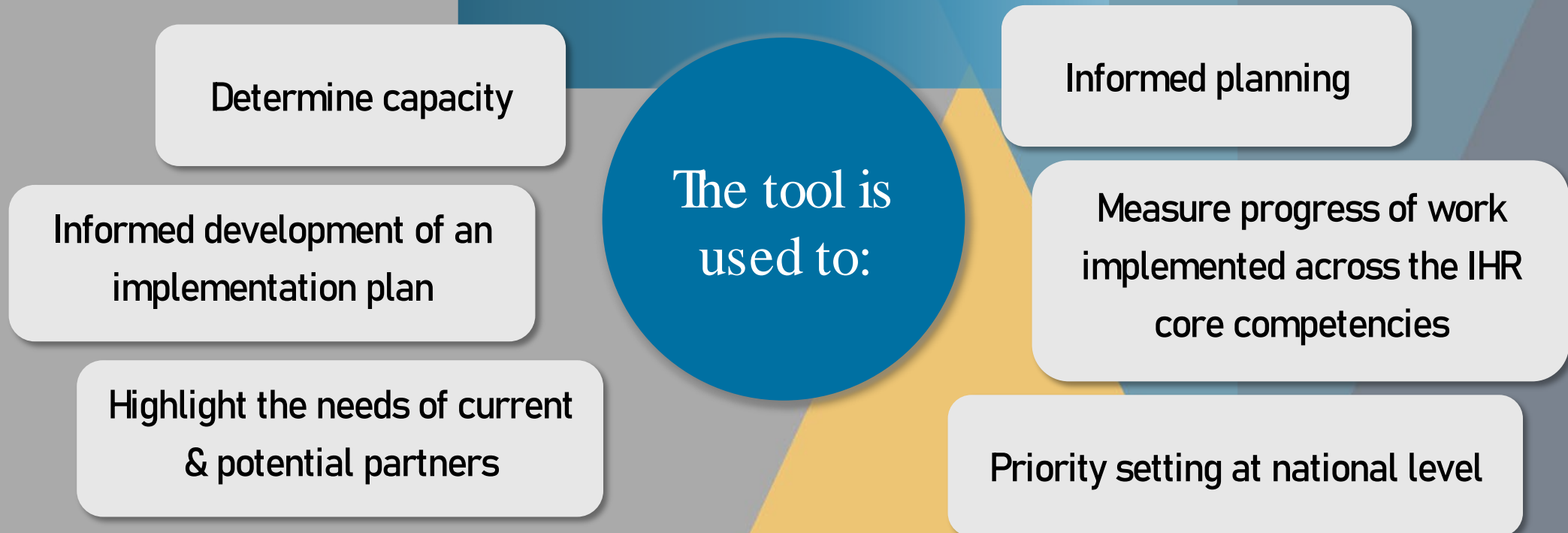
Many governments have struggled to secure accessibility during COVID-19.

Lessons: importance of International cooperation

- Capacity Building
- Information Sharing
- Fair Access to Essential Tools
- Universal Health Coverage
- Legal Framework: IHR/Pandemic Treaty

- WHO
- GHSA
- Regional Cooperative Platform
- Bilateral Cooperation

“Achievement of the IHR Implementation Competencies through the JEE”



Challenges for the next pandemic

“Achievement of Response to the Pandemic”

Be prepared for Disease X

International Cooperation:
Pandemic Treaty, IHR, Technical support

Securing fair & affordable
accessibility to essential resources

Safer
Future

Governance restructuring

Healthcare reform

Universal Health Coverage

THANK YOU

Thank you

COVID-19 & a Safer Future