In the context of the increase in cases and hospitalizations due to COVID-19 in several countries within and outside of the Americas Region, the Pan American Health Organization / World Health Organization (PAHO/WHO) recommends Member States to take extreme measures to strengthen vaccination efforts, organize health services to respond to a high demand and, above all, reduce the risk given by the social interactions that are expected during the end of the year celebrations and the upcoming holiday period.

**Situation Summary**

Since epidemiological week (EW) 40 of 2021, there has been an increasing trend in cases and deaths associated with COVID-19 at the global level, with the highest number of cases and deaths reported in Europe and the Americas.

**Figure 1.** Distribution of global COVID 19 confirmed cases and deaths, by epidemiological week (EW) of report and WHO Region, as of EW 50 of 2021.

**Note:**
AFRO: WHO Regional Office for Africa; AMRO: WHO Regional Office for the Americas; EMRO: WHO Regional Office for the Eastern Mediterranean; EURO: WHO Regional Office for Europe; SEARO: WHO Regional Office for South-East Asia; WPRO: WHO Regional Office for the Western Pacific


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In the Region of the Americas

From January 2020, when the first cases were detected, and as of EW 50 of 2021, 99,653,422 confirmed cases of COVID-19, including 2,384,638 deaths, were reported in 56 countries and territories in the Region of the Americas. Of the total number of cases and deaths reported globally, 36.4% of the cases and 44.6% of the deaths were in the Americas.

Comparing the current 4-week period (EW 47-EW 50) with the previous one (EW 43-EW 46), the number of cases reported in the Region increased by 18.5%. There were also increases in AFRO (449%), EURO (29.3%) and WPRO (25.1%).

The North America subregion\(^1\) has reported the highest incidence of new cases in EW 50 (182 cases per 100,000 population), followed by the Caribbean and Atlantic Ocean Islands\(^2\) (26.8 cases per 100,000 population), South America\(^3\) (25.1 cases per 100,000 population) and Central America\(^4\) (12.9 per 100,000 population). (Figure 2a).

The subregion of North America reported the highest mortality rate in the Region during EW 50 (1.9 deaths per 100,000 population) while in the other subregions the mortality rate was less than 1 death per 100,000 population. (Figure 2b).

**Figure 2a-b.** Incidence and mortality rates of COVID-19 (per 100,000 population) by subregion and epidemiological week (EW) of report. Region of the Americas. As of EW 50 of 2021.

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1. Canada, Mexico, and United States of America
2. Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Bermuda, Bonaire, British Virgin Islands, Cayman Islands, Cuba, Curacao, Dominica, Dominican Republic, Falkland Islands, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saba, Saint Kitts and Nevis, Saint Lucia, San Bartolomé, Saint Martin, Saint Pierre and Miquelon, Saint Vincent and the Grenadines, Sint Eustatius, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, and the United States Virgin Islands.
3. Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.

**Source:** Information shared by IHR National Focal Points (NFPs) or published on the websites of the Ministries of Health, Health Agencies or similar and reproduced by PAHO/WHO.
Highlights

Vaccination, hospitalizations, and deaths

In several European countries, the increasing trends in Intensive Care Unit (ICU) hospitalizations and deaths due to COVID-19 have been observed since EW 33 of 2021, with a marked acceleration in recent weeks. In the United States of America, although the increasing trend has been observed since EW 28, the situation is similar. (Figure 3).

Figure 3. Distribution of COVID-19 deaths and ICU hospitalizations, in selected countries, by epidemiological week (EW) of report. As of EW 50 of 2021.

When considering the proportion of the population fully vaccinated in these countries, in general, the increase in hospitalizations and deaths is more noticeable in countries with lower proportions of fully vaccinated population. These observed differences are not linear since there are other factors such as cultural factors, those related to social distancing, the degree of preparedness and response of health services, among others, which also have a direct impact on these indicators.

As of EW 8 of 2021 (27 February 2021), many countries in the Region of the Americas reported low proportion of fully vaccinated population, with the highest proportion in the United States with 15-25% of its population fully vaccinated. With the expansion of COVID-19 vaccine supplies, by EW 26 (3 July 2021) most countries in the Region of the Americas reported between 10-25% of fully vaccinated population and by EW 50, a high percentage of the population vaccinated with a second dose (or complete vaccine schedule) was reported in several countries and territories including Canada, Cayman Islands, Chile, Cuba, and Uruguay (Figure 4).

Among all the countries/territories in the Region of the Americas, currently 7 have reported more than 70% of fully vaccinated population (Figure 4). A higher mortality rate is observed in countries/territories with vaccination below 50%.

**Figure 4.** Percentage of the population with complete COVID-19 vaccination schedule at the end of epidemiologic week (EW) 50 of 2021 (left) and COVID-19 mortality rate per 1 million population (right). Region of the Americas.

**Guidance for national authorities**

The increased circulation of SARS-CoV-2 in some countries within and outside the Region of the Americas, coupled with the increase in interpersonal contacts due to the population movement during the end-of-year and holiday periods, may lead to an increase in cases, hospitalizations, and deaths in several countries of our Region, and additionally may cause saturation of health systems, even in those countries with high ICU and non-ICU capacity.

In addition, national authorities should consider the co-circulation of influenza and other respiratory viruses in various areas of the Americas Region, which requires adequate protocols for triage, detection, appropriate management of cases, and infections prevention and control measures.

The Pan American Health Organization / World Health Organization (PAHO/WHO) recommends Member States to take measures to:

1) To alert the population about the need to reduce the risk in the context of increased social interactions that are expected during the end of the year celebrations and the upcoming holiday periods.

2) Strengthen vaccination efforts for COVID-19 as well as for influenza, aiming to increase the proportion of people vaccinated and preventing severe cases and deaths.

3) Adapt health system contingency plans to be able to adequately respond to an eventual increase in the number of cases requiring medical care and hospitalized, as well as to the possibility of a high co-circulation of influenza, other respiratory viruses, and COVID-19.

4) Mitigate workforce shortages in both health care and essential services, as increased transmission may result in high absenteeism.

The following are guidance, scientific reports, and other resources published by PAHO/WHO and WHO.

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References

