

July 3, 2025

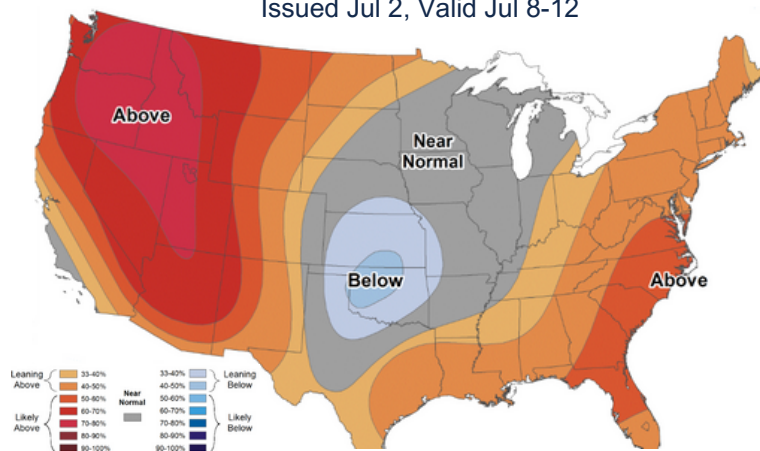
Key Takeaways

- Due to the holiday, this update is shorter than normal, and sent a day early.
- 40 new measles cases were reported nationally last week. Canada reported 145 new cases last week, and Mexico reported 163.
- Measles cases in 2025 in the Americas are 29 times higher than they were over the same period in 2024.
- First responders were ambushed during a wildfire response in Idaho.

Key Figures

6-10 Day Temperature Outlook

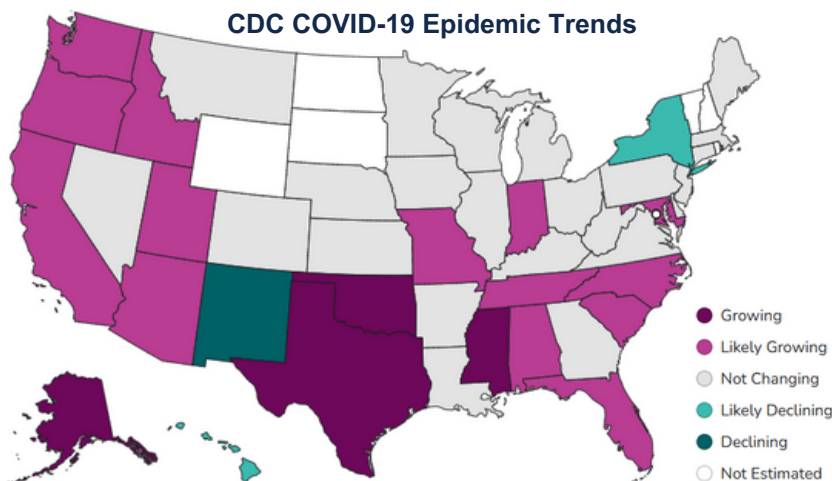
Issued Jul 2, Valid Jul 8-12



After a relatively cool July 4th weekend, high temperatures are expected to return late next week.

Image source: [NWS CPC](#)

CDC COVID-19 Epidemic Trends



CDC R_t estimates show COVID-19 infections are growing nationally, and likely growing in Maryland and North Carolina. This may indicate the beginning of a summer wave. Image Source: [CDC](#)

HPAI H5N1

2

HPAI H5N1 detections in the last 30 days in US cattle herds as of Jul 3.

Measles

1,267

Measles cases reported in 2025 across 38 US states as of Jul 2.

Extreme Heat

608

Heat-Related Illness ED and UC visits in Virginia for the 7-day period ending Jul 2.

July 4th

14,700

The estimated number of Americans injured by fireworks in 2024.

72.2 million

The estimated number of Americans that will travel more than 50 miles Jun 28 to Jul 6.

Ongoing Monitored Situations

- **PAHO reports a 29-fold increase in measles cases in the Americas.** 7,132 cases were reported through Jun 21 in 2025, compared to just 244 for the same period in 2024. The overwhelming majority of cases (6,994) were in the North American countries of Canada (3,170), Mexico (2,597) and the US (1,227).
- **40 measles cases were reported nationally last week.** 96% of the 1,267 cases reported in 2025 were in under- or un-vaccinated persons, or in those of unknown vaccination status. 12% of cases have been hospitalized, including 21% of cases under age 5. There have been three deaths.
- **There are encouraging declines in mpox hotspots** according to Africa CDC officials. Nevertheless, Sierra Leone is still seeing 500 cases per week, testing is insufficient, and vaccines are limited.
- **The WHO designated the COVID-19 XFG variant as a variant under monitoring.** XFG is associated with increased cases and hospitalizations in Southeast Asia but there is no evidence of increased severity. In the United States the two most recently designated VUMs, XFG and NB.1.8.1, account for more than half of sequenced samples.

Confirmed Measles Cases, 2025

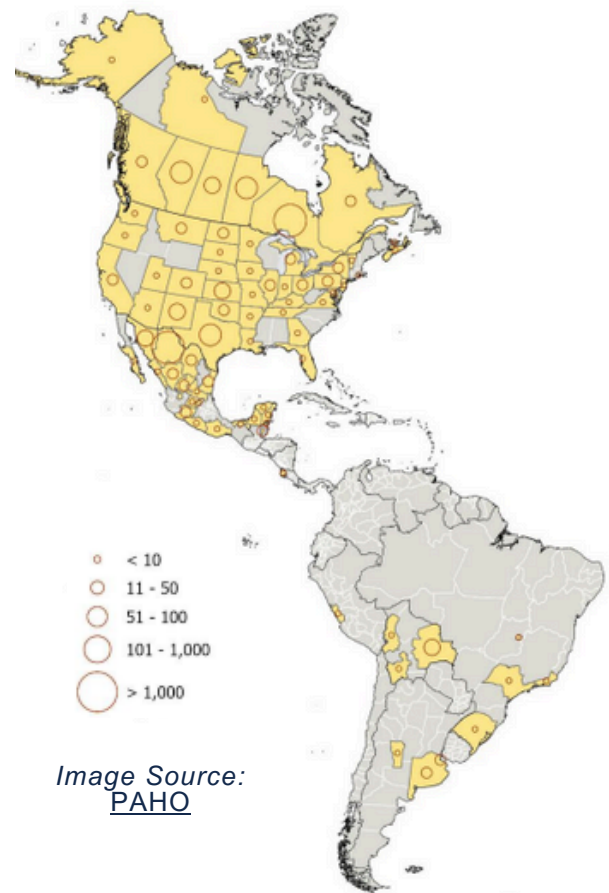
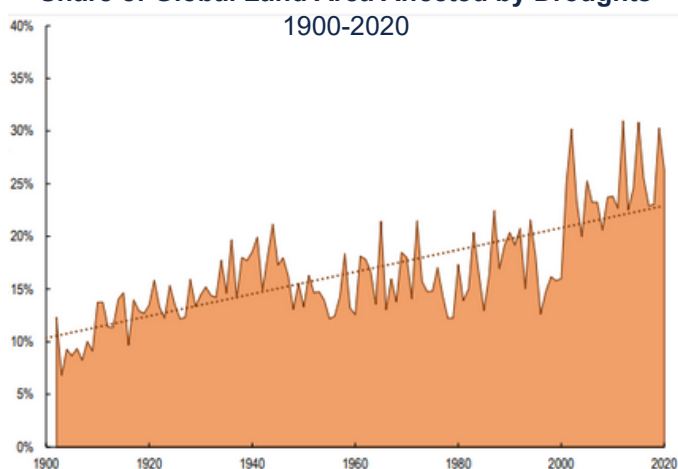


Image Source:
PAHO

Other News

Share of Global Land Area Affected by Droughts 1900-2020



The share of global land area affected by drought has more than doubled since 1900 according to an OECD report. Although drought accounted for just 6% of natural disasters worldwide from 1970 to 2019 they caused 34% of all disaster-related deaths, mostly due to famine.

Image Source: OECD

- **Two firefighters were killed and one was wounded in a shooting during a wildfire response in Idaho.** After an initial incident, the lone suspected shooter hid in the woods and shot at responders for a few hours. The suspected shooter was eventually found with a self-inflicted gunshot wound.
- **Sanitary and health conditions are stressed at immigration detention facilities.** Nationally, the immigration detention system was operating at 137% capacity as of June 15, leading to overcrowding, overworked staff, and insufficient resources. Virginia's two immigration detention facilities have seen increased numbers of detainees since October.
- **Europe is suffering an early and intense heat wave,** causing school closures and power outages. Several countries are experiencing wildfires. Numerous new temperature records have been set, including record highs in the Mediterranean.