Weekly Emerging Infectious Diseases (EID) and Preparedness Report

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# Purpose

The purpose of this report is to inform medical providers and the Delaware medical & public health community about infectious disease outbreaks, as well as other health updates that are of concern, both nationally and globally.

# National Biosurveillance Integration Center (NBIC) Monitoring List

**Part of Homeland Security Information Network (HSIN).**

**Reference:** National Biosurveillance Integration Center (NBIC), 2022. Monitoring List. Confidential Resource.

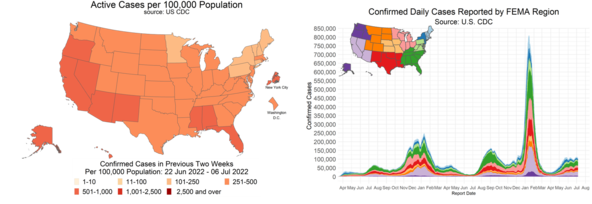
Highlight indicates change in status, addition to monitoring list, or removal from monitoring list.

## COVID-19 – North America: WORSENING

Many parts of the U.S. report increasing COVID-19 cases and hospitalizations. **COVID-related deaths remain low.** Several SARS-CoV-2 Omicron variant sublineages with potentially increased transmissibility and/or vaccine and antibody evasion capabilities are now prominent in the U.S., Canada, and Mexico. Younger adults account for higher percentages of cases and hospitalizations. Vaccinations began on 14 December 2020 in the U.S. As of 29 June at 0400 ET, 770.3 million doses have been distributed and 596.2 million doses administered (77.4% utilization); 66.9% of the total U.S. population has been fully vaccinated, with 78.3% receiving at least one dose. In total, 76.8% of the U.S. adult population has been fully vaccinated, with 89.6% receiving at least one dose. **As of 06 July at 1401 ET, the U.S. Centers for Disease Control and Prevention (**[**CDC**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2NvdmlkLmNkYy5nb3YvY292aWQtZGF0YS10cmFja2VyLyN0cmVuZHNfZGFpbHljYXNlcyJ9.vXpRwxOZ1fwwhRRZOuaRo2aYFelUrUNXCXWjhD5CFM4%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=hkXCQ61Rcc31FJlZekmNB8F0u9bWeEekRU%2FKwQRRZg0%3D&reserved=0)**) reported 87,899,721 (+106,178) confirmed and presumptive positive cases, including 1,014,427 (+267) deaths, in all 50 U.S. states and the District of Columbia, U.S. Virgin Islands, Guam, Northern Mariana Islands, and Puerto Rico.** As of 06 July at 1819 CEST, the World Health Organization (WHO) reported [Canada](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2NvdmlkMTkud2hvLmludC9yZWdpb24vYW1yby9jb3VudHJ5L2NhIn0.kJ5P8L9opNM9HQzqOUBZrIB1Ru-3xz_G0ZV8dZa9dXw%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=bPeZQk5I6Wff6bh8zAou1SMbjz5r54kMmYBs4ND6YcQ%3D&reserved=0) had 3,932,523 confirmed and probable cases and [Mexico](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2NvdmlkMTkud2hvLmludC9yZWdpb24vYW1yby9jb3VudHJ5L214In0.qxjnQqXpSjNCOi1nYCjPt0qOEcVkIDEUjgGmDXaf4bI%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=RZC1xFdznuj3soGz7jCP5NGWLbAnIa5qfnWgwFTS4sw%3D&reserved=0) had 6,093,835 confirmed cases.

**Why We Are Reporting on This Event**

COVID-19 stems from a novel coronavirus with a high morbidity rate. Three COVID-19 vaccines have received Emergency Use Authorizations ([EUA](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mZGEuZ292L2VtZXJnZW5jeS1wcmVwYXJlZG5lc3MtYW5kLXJlc3BvbnNlL2Nvcm9uYXZpcnVzLWRpc2Vhc2UtMjAxOS1jb3ZpZC0xOS9jb3ZpZC0xOS12YWNjaW5lcyJ9.f93zXoeS8BjZZiAn5jj7oDVC-3meIocSAMacfBcVdFQ%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=pTYBgslV62QV5suNZ0IVJUM%2FP%2FU5qAQtjx5COGLyG%2Bk%3D&reserved=0)) from the U.S. Food and Drug Administration (FDA). According to the U.S. CDC, the [risk](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jZGMuZ292L2Nvcm9uYXZpcnVzLzIwMTktbmNvdi9uZWVkLWV4dHJhLXByZWNhdXRpb25zL3Blb3BsZS13aXRoLW1lZGljYWwtY29uZGl0aW9ucy5odG1sIn0.AKnXmZ-VwY6jA__qLl_Ih8x7D3YEJVkYmYLduiKjSE8%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=hYDOZAnQ7YrKWz2oqrwyn1%2Fg5SimmzCQ0JD3IgyE40s%3D&reserved=0) for severe illness from COVID-19 is higher for those over 65 and/or with preexisting medical conditions. The WHO declared the outbreak a pandemic on 11 March 2020. Widespread transmission of COVID-19 in the U.S., Canada, and Mexico has, at times, overburdened public health, healthcare, and other critical infrastructure in some areas.



*Figure 1: Geographic distribution of confirmed cases in the previous 2 weeks per 100,000 population and total cases over time by Federal Emergency Management Agency (FEMA) region based on U.S. CDC data through the date indicated.*

Recent Developments:

* **On 06 July, the U.S. FDA** [**authorized**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5mZGEuZ292L25ld3MtZXZlbnRzL3ByZXNzLWFubm91bmNlbWVudHMvY29yb25hdmlydXMtY292aWQtMTktdXBkYXRlLWZkYS1hdXRob3JpemVzLXBoYXJtYWNpc3RzLXByZXNjcmliZS1wYXhsb3ZpZC1jZXJ0YWluLWxpbWl0YXRpb25zIn0.xQSus-bpAQ3ww8-RWUGfD0vvv0Nhn5-FRAanr1BrJ-Y%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=lpD2LtNHbIvWzbd1GtRLbaldmGQb9vkUFlSeGKo5dO4%3D&reserved=0) **state-licensed pharmacists to directly prescribe Paxlovid to eligible patients in hopes of expanding the drug’s usage nationwide.**
* **A U.S. study published on 05 July in Nature** [**indicated**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5uYXR1cmUuY29tL2FydGljbGVzL3M0MTU4Ni0wMjItMDUwNTMtdyNhdXRob3ItaW5mb3JtYXRpb24ifQ.YyDF3Xf8WJesa88lEg_kXXobwojByDuW1qwQGlJggvI%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=li5S9iahZzgS0%2BjqcoTEGmeA1QKEGwyjyBQ%2FG%2F%2BRjjE%3D&reserved=0) **that the BA.4/5 Omicron sublineages were 4.2-fold more resistant to vaccine-acquired antibodies than the BA.2 sublineage, while BA.2.12.1 was only 1.8-fold more resistant. The study also showed that bebtelovimab is the only therapeutic antibody currently authorized for clinical use that retains full effectiveness against BA.2.12.1 and BA.4/5.**
* **Modeling** [**conducted**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMDksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2phbWFuZXR3b3JrLmNvbS9qb3VybmFscy9qYW1hbmV0d29ya29wZW4vZnVsbGFydGljbGUvMjc5MzkxMyJ9.g9P4aohRYHRvJDM2qBoKDzdSwgfHdwGFOmFErvLqaiw%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=yakNQU7sOOFcj%2Fdfvt2aFzZVEJ3uc62gOkNXOMFL6q8%3D&reserved=0) **by researchers at the U.S. CDC estimated that COVID-19 vaccination prevented 27 million infections, 1.6 million hospitalizations, and 235,000 deaths among vaccinated adults in the U.S. between 01 December 2020 and 30 September 2021.**
* **A study published on 06 July in NEJM Evidence** [**revealed**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2V2aWRlbmNlLm5lam0ub3JnL2RvaS8xMC4xMDU2L0VWSURvYTIyMDAxNDUifQ.lV8RZfjzNt-kP1rrXtttBUhuajI5YSRjwq_ZX8fA_P4%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=g0CZ6QoI%2F7f4vGW3O3J7JQwAucINY75kuFBc%2FyG04UA%3D&reserved=0) **that treatment with the oral cancer drug Sabizabulin reduced the risk of death by 24.9% in patients hospitalized with moderate to severe COVID- 19. Treatment with Sabizabulin also resulted in a 43% relative reduction in days spent in the ICU, a 49% relative reduction in days on mechanical ventilation, and a 26% relative reduction in days in the hospital versus placebo.**

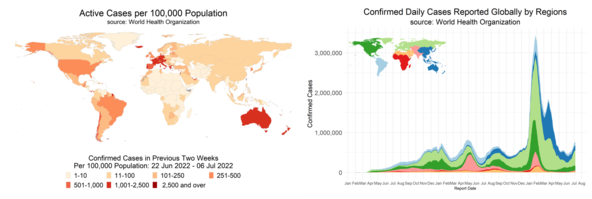
## COVID-19 – Global: UNDETERMINED

The World Health Organization (WHO) urges all countries to isolate, test, and treat every suspected case of COVID-19 in addition to tracing all contacts. As of 06 July at 1819 CEST, the WHO [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2NvdmlkMTkud2hvLmludC8ifQ.Xs1eZv2DdvUTPcWrkjw6Yndlb0ObTgPAm43iJq1MOX0%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Uhx7rSzNpk4UcEBiqHoCnBG4GililqqH1VxjXWtDNsE%3D&reserved=0) 548,990,094 confirmed cases, including 6,341,637 deaths, worldwide. **Global cases of COVID-19 reported during the** [**week**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L3B1YmxpY2F0aW9ucy9tL2l0ZW0vd2Vla2x5LWVwaWRlbWlvbG9naWNhbC11cGRhdGUtb24tY292aWQtMTktLS02LWp1bHktMjAyMiJ9.nZntGqPn_8bpA4spaKOUiKRsZOJGEXg9dXSsSrE6kCc%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=RAD3vthLQjNQ%2ByYYTRSUB7oJCEFejxdnKjvVIqlNfUQ%3D&reserved=0) **of 27 June – 03 July increased by 3%, while deaths decreased by 12% compared to the previous week. New weekly cases increased in the WHO Eastern Mediterranean Region, South-East Asia Region, European Region, and Western Pacific Region and decreased in other regions compared to the previous week. The number of new weekly deaths increased in the WHO Eastern Mediterranean Region, and South-East Asia Region, while decreasing trends were reported in all other regions.** The WHO highlighted that these trends should be interpreted with caution, as several countries are progressively changing their COVID-19 testing strategies. Many countries continue to struggle with vaccine access, the spread of variants, and overburdened healthcare systems

**Why We Are Reporting on This Event**

COVID-19 is the first [pandemic](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L2RnL3NwZWVjaGVzL2RldGFpbC93aG8tZGlyZWN0b3ItZ2VuZXJhbC1zLW9wZW5pbmctcmVtYXJrcy1hdC10aGUtbWVkaWEtYnJpZWZpbmctb24tY292aWQtMTktLS0xMS1tYXJjaC0yMDIwIn0.pml3o6BUv2DMukPc3hf8TJ2fZOpHR2pb72rKN84Pvg4%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944390008%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=6ZFmF4GU6Vno4qDSEk2fYZ6krBKokN8jWFhjDl%2B1Qg8%3D&reserved=0) known to be caused by the emergence of a novel coronavirus and, according to the WHO, is the first pandemic that can be controlled. The global risk of spread and impact of COVID-19 is still categorized as ‘very high’ and the ongoing pandemic is considered a public health emergency of international concern. In addition to COVID-19 severely straining healthcare systems around the world, social and economic impacts have also proven to be significant.

**\* NBIC uses U.S. CDC and WHO-confirmed case counts, consistent with other U.S. federal reporting.**



*Figure 2: Geographic distribution of confirmed cases in the previous 2 weeks per 100,000 population and total cases over time by geographic region as reported by the WHO on the date indicated.*

Recent Developments:

* **A new Omicron sublineage, designated BA.2.75, was** [**identified**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5kdy5jb20vZW4vbmV3LW9taWNyb24tdmFyaWFudC1iYTI3NS1uby1oYXJkLWV2aWRlbmNlLXlldC1idXQtY2F1c2UtZm9yLWNvbmNlcm4vYS02MjM4MzgzNSJ9.NdRwGzpNFYMMp-Z6gkSJGVDMMXyxTAwnSDnQmsFPtEk%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=vNwcX7wcJP4zLrdKO73vzWAuYsjBvOhQuOxPQ9oSFY8%3D&reserved=0) **in India, where it has spread to two states and one territory. It has also been detected in Japan, Germany, the United Kingdom, Canada, the U.S., Australia, and New Zealand. Minimal information is available about the sublineage, and only around 70 cases have been recorded globally.**
* **Hospitalizations across Australia are** [**rising**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMTksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5hbGphemVlcmEuY29tL25ld3MvMjAyMi83LzcvYXVzdHJhbGlhLWV4cGFuZHMtZm91cnRoLWNvdmlkLWRvc2Utcm9sbG91dC1hbWlkLWZyZXNoLW9taWNyb24tdGhyZWF0In0.Pa9IvELZ0SE584S8LAPhinZUposjRpE2mp33az1TP7s%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=4UhnpDcZ2Hnqo%2BNjeK%2B2xUzbLVF%2Fvf02VP%2FviczTq6A%3D&reserved=0)**, fueled by the BA.4 and BA.5 Omicron sublineages. According to the health minister, Australia is entering a third wave, which is placing pressure on health systems. From 11 July, people ages 30 years and older will be eligible for a fourth vaccine dose, making more than seven million people eligible for a fourth dose.**
* **Hong Kong** [**lifted**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2FwbmV3cy5jb20vYXJ0aWNsZS9jb3ZpZC1oZWFsdGgtdHJhdmVsLTg3Mjc4ZTkzZTViYzM2NTY2NWUyYzlhYzQ4NjdlY2VmIn0.LP_SRR9hGZOq7kcN5IhgOY6871IbD3uC1F_QB2GQ0w8%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=v92OxnTeozyN%2FusD3%2Brahy86gE5W0eQ7marve8Kbm%2BE%3D&reserved=0) **a flight ban that had resulted in dozens of cancelled flights in recent months, after the ban showed little effect on preventing imported cases. The restriction placed a 5-day route ban on airlines if at least five passengers or 5% of travelers tested positive for COVID-19 upon arrival.**
* **The Africa Centers for Disease Control and Prevention** [**signed**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5hbGphemVlcmEuY29tL25ld3MvMjAyMi83LzcvYWZyaWNhLWNkYy1zaWducy13aXRoLXBmaXplci1mb3ItY292aWQtcGlsbC1mb3ItYWZyaWNhbi1jb3VudHJpZXMifQ.QIKoUysorwmJMUH4-LrEnRTNxH8xx2HCjqhxTvGUmJs%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=czPRw6Cqo6%2BDGv%2BL3RyYO2p5ykifsAZ4YLqMprwkVoQ%3D&reserved=0) **a memorandum of understanding with Pfizer for countries on the continent to receive supplies of Paxlovid, allowing African countries to access Paxlovid at cost.**

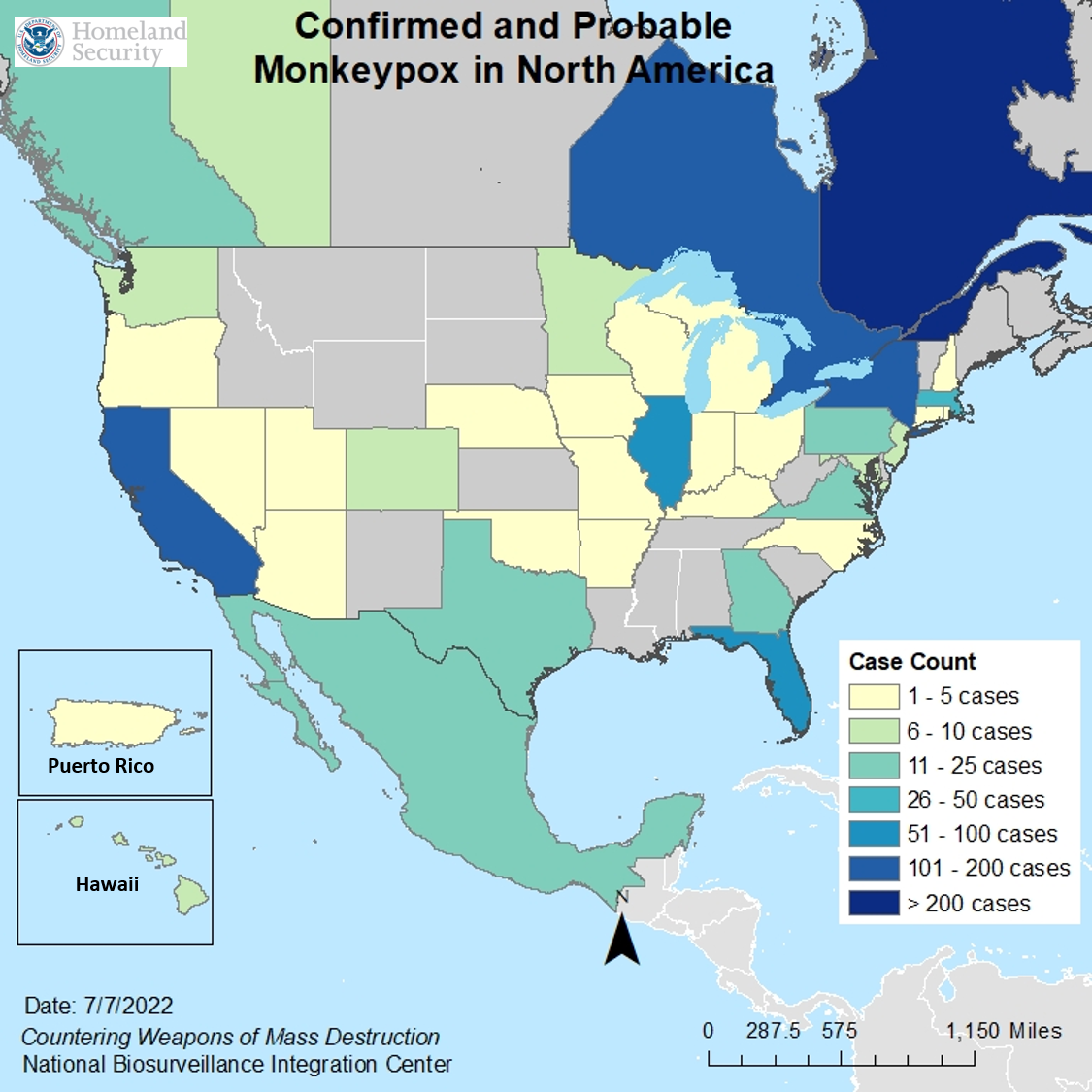
## Monkeypox—Global: WORSENING

Added to NBIC Monitoring List 05/17/2022

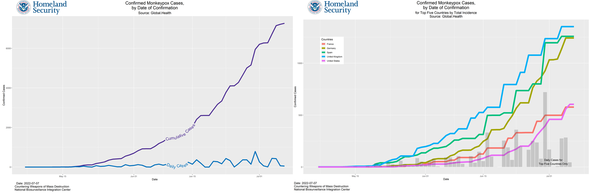
**The U.S. has identified 605 confirmed monkeypox (MPX) and orthopox cases, and more than 60 other countries have identified more than 7,400 total confirmed MPX cases.** Officials have [confirmed](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L2VtZXJnZW5jaWVzL2Rpc2Vhc2Utb3V0YnJlYWstbmV3cy9pdGVtLzIwMjItRE9OMzkyIn0.VkBrQHvemwfCLiszcchqDmD45v_hbHcItbouW38N9CM%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=ZwfgaOn2oq3SoBVIytRA6AabA25s6mpoC1Kihx0LTFU%3D&reserved=0) the milder West African clade (strain) of monkeypox virus (MPXV) in some individuals, and no deaths have been recorded. Nonetheless, many countries are [procuring](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5yZXV0ZXJzLmNvbS9idXNpbmVzcy9oZWFsdGhjYXJlLXBoYXJtYWNldXRpY2Fscy9ldS1idXktMTEwMDAwLW1vbmtleXBveC12YWNjaW5lcy13aXRoLWRlbGl2ZXJpZXMtc3RhcnRpbmctZW5kLWp1bmUtMjAyMi0wNi0xNC8ifQ.vbACVv0nheMgtx9UrTSgLf65945TQDqVD4GRZPqw-7w%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=P9289BucRci5AImp6iCgbWDrbXkGKpPxklxYsEq514g%3D&reserved=0) and administering smallpox vaccines, which are cross-protective. On 18 May 2022, the [Massachusetts](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5tYXNzLmdvdi9uZXdzL21hc3NhY2h1c2V0dHMtcHVibGljLWhlYWx0aC1vZmZpY2lhbHMtY29uZmlybS1jYXNlLW9mLW1vbmtleXBveCJ9.FGT9la_1emkilGdgiFSlP3Q6lX96NFqp1xCHsFcSseY%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=NzvC%2FWNToMxZOjIkMoeKobJomGeq%2B5mRtYbFjsJnXfk%3D&reserved=0) Department of Public Health and the United States (U.S.) Centers for Disease Control and Prevention ([CDC](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jZGMuZ292L21lZGlhL3JlbGVhc2VzLzIwMjIvczA1MTgtbW9ua2V5cG94LWNhc2UuaHRtbCJ9.XVOXAgCD9s-9oa02g3_nCW2TtpnIFObVSWtCWobHqjE%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=%2FfH84adPcSOhNKu%2B%2BTXSsu4JXVCz4mfXmIeQ8DOCdCE%3D&reserved=0)) confirmed a human case of infection with MPXV in an individual with recent travel history to Canada. The case was identified amid similar reports from [Canada](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jYmMuY2EvbmV3cy9oZWFsdGgvbW9ua2V5cG94LWNhbmFkYS1xdWViZWMtZXVyb3BlLXVzLW91dGJyZWFrLTEuNjQ1ODUyMyJ9.1Jg6QhnvuWUEl3Odp-INldsSEPz0PjsS3-bCNr32Ff8%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=gArVgVdXMR%2BRFHfGa%2FyRuXTlMzqxKCM0FJ31eweDewI%3D&reserved=0) and in European countries, where public health officials continue to investigate increasing numbers of confirmed and suspected MPX cases. The first reported global detection in a non-endemic country in 2022 occurred on 07 May, when the United Kingdom Health Security Agency (UKHSA) [confirmed](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5nb3YudWsvZ292ZXJubWVudC9uZXdzL21vbmtleXBveC1jYXNlcy1jb25maXJtZWQtaW4tZW5nbGFuZC1sYXRlc3QtdXBkYXRlcyNzZXZlbi1tYXkifQ.eIlA_bPdeaDvxGMMvIqxuaD0zjffdjMwzphIoOh2lm4%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=8WnjDIucNWM5Db7ojWwVVmGFmJpaOeWNPkjYiZSFZ5U%3D&reserved=0) one case in England with recent travel history from Nigeria, where the virus is endemic.

**Why We Are Reporting on This Event**

The current disease event represents unprecedented spread of MPXV in non-endemic countries, with many cases having no identified source of infection. Evidence of human-to-human transmission of MPXV has now been documented in multiple U.S. states and other non-endemic countries. MPX is typically a self-limiting orthopoxvirus infection most often associated with travel to African regions where the disease is endemic. During 2022, more than 1,600 confirmed and suspected MPX cases and 70 deaths have been [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L2VtZXJnZW5jaWVzL2Rpc2Vhc2Utb3V0YnJlYWstbmV3cy9pdGVtLzIwMjItRE9OMzkyIn0.EQLqNhehN8KMyHCI8ueD9oZ8_8queRVa4OprQi1hAig%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=KRZRoyntRJ4divyh0s72pduW56UdbgE4QEC2DLB7LoU%3D&reserved=0) in 8 African countries: Cameroon, the Central African Republic, the Democratic Republic of the Congo, Ghana, Liberia, Nigeria, the Republic of the Congo, and Sierra Leone. Viral spread typically requires close contact with an infected [animal](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwOi8vd3d3LmNmc3BoLmlhc3RhdGUuZWR1L0ZhY3RzaGVldHMvcGRmcy9tb25rZXlwb3gucGRmIn0.-lwAgqoHJxsPBww2x7rb07QIFJhRVEiJ8Rsjv7-TLgs%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=moqw3hl%2BTNFinyb1WpcAPLW82ygD27NrrVl%2FC9fUZ%2FE%3D&reserved=0) (e.g., primates, small mammals) or person, or with contaminated materials; the virus does not usually [spread](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5nb3YudWsvZ3VpZGFuY2UvbW9ua2V5cG94I3RyYW5zbWlzc2lvbiJ9.KaYlpBmvPA-_h_1vmdunVzOW73SYPyPPMWER5tisbO0%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=eYtjc7foaqDCy2GFyZG0fFisaPQwyOArhqEMAop4HdU%3D&reserved=0) easily between people. Transmission of the virus through sexual contact has been [noted](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5yZXV0ZXJzLmNvbS9idXNpbmVzcy9oZWFsdGhjYXJlLXBoYXJtYWNldXRpY2Fscy9tb25rZXlwb3gtZG5hLWZvdW5kLXNlbWVuLWhhbmRmdWwtY2FzZXMtcmVzZWFyY2hlcnMtc2F5LTIwMjItMDYtMTMvIn0.NBbdnw9qXnNS_JAuT7ehaAtA_omrmJey34QePFp7nlY%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=d0vblKh2j%2BjeB1ia2XW2EkAlJANxXlcKlQcGVKzmdSc%3D&reserved=0) in a few cases in [Italy](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5ldXJvc3VydmVpbGxhbmNlLm9yZy9jb250ZW50LzEwLjI4MDcvMTU2MC03OTE3LkVTLjIwMjIuMjcuMjIuMjIwMDQyMSJ9.O7x33pZyJ1-HfXhAj5vkRvCN2Mi-KvjbSi458UKTOdY%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=z%2FMbkySlKZYHU6oAuJ4UwkR4IfREsXeiHg9CqGUGgKk%3D&reserved=0), and further analysis is needed to confirm risk. The [case fatality rate](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L2VtZXJnZW5jaWVzL2Rpc2Vhc2Utb3V0YnJlYWstbmV3cy9pdGVtLzIwMjItRE9OMzg1In0.1nCQERiXiI9SpamTtnlMalxMyIbMvyuX4TRCIh5R9iU%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=tk2%2FbISyoZm03OxvNEQXNIc56UyR0cemgPRmZp4GL9s%3D&reserved=0) (i.e., death rate for those infected) for MPXV infection is about 1% for the West African clade (strain) and up to 10% for the Congo Basin clade. According to the World Health Organization (WHO), confirmatory testing for MPXV is preferred for diagnosis; however, laboratory [detection](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy53aG8uaW50L3B1YmxpY2F0aW9ucy9pL2l0ZW0vV0hPLU1QWC1sYWJvcmF0b3J5LTIwMjIuMSJ9.qkD4gZ36DkB97_N8-exUBcv1gE3_JwPDMWlVQhG4u6k%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=S5lBcxq75hABh8v4J405eH0GaN3FPztXaGCHSuahrAM%3D&reserved=0) of an orthopoxvirus for suspect cases in non-endemic countries is acceptable for presumed disease confirmation.



*Figure 4: Geographic distribution of confirmed MPX and orthopox virus cases in North America (1, 2, 3,4).*



*Figure 5: Cumulative and daily confirmed MPX virus cases reported globally and top 5 countries reporting confirmed MPX cases since 07 May 2022 (1).*

## Recent Developments:

* **The U.S. reported 605** [**confirmed**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMzksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jZGMuZ292L3BveHZpcnVzL21vbmtleXBveC9yZXNwb25zZS8yMDIyL3VzLW1hcC5odG1sIn0.vraBngF86LfAF81jNDzTkJbLOGpriiSor98YdMq_dKk%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Zw9II72QXNrLO8RyiTwQEA8Imzm7cRrpOXdGpeN1WYs%3D&reserved=0) **MPX and orthopox cases in 35 states and territories as of 05 July. Idaho** [**reported**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2lkYWhvY2FwaXRhbHN1bi5jb20vMjAyMi8wNy8wNi9maXJzdC1jYXNlLW9mLW1vbmtleXBveC1yZXBvcnRlZC1pbi1pZGFoby1pbi1hLXRyZWFzdXJlLXZhbGxleS1wYXRpZW50LyJ9.MVdovC9x2v4AkjQRo3PYlZpEm9Fc-j9Lzixu7q56Whk%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944546233%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=1I2DmsbfLdruBpJgjNjozKwq4Jp5OtqRn1u1xGqKC0w%3D&reserved=0) **its first case in a resident with international travel history.**
* **As of 06 July, 358 confirmed MPX cases have been** [**reported**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jYW5hZGEuY2EvZW4vcHVibGljLWhlYWx0aC9zZXJ2aWNlcy9kaXNlYXNlcy9tb25rZXlwb3guaHRtbCJ9.abZJllTu40LiDVT_O9qsq-CcmLgeK2PQtDHkQRijrEc%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=sxuU5%2BUJRzXllWburSO1A5k7rpTvyISZLbwHpIqSAw0%3D&reserved=0) **in Canada, with two-thirds of cases recorded in Quebec Province.**
* **The WHO on 06 July** [**reported**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2Nkbi53aG8uaW50L21lZGlhL2RvY3MvZGVmYXVsdC1zb3VyY2UvMjAyMS1kaGEtZG9jcy8yMDIyMDcwNl9tb25rZXlwb3hfZXh0ZXJuYWxfc2l0cmVwX2ZpbmFsLnBkZj9zZnZyc249MWI1ODBiM2RfNCZkb3dubG9hZD10cnVlIn0.zcnibaK-YOO8RESmLUJfu022kIgi8pRrREJcbe2XMHY%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=EZSTH%2BzQVdaKchtfPecn1XG9Cdibo865gKVS44lemFk%3D&reserved=0) **a 77% increase in global MPX cases since 27 July, mainly in Europe. Three deaths have been reported in the Central African Republic (2) and Nigeria (1). To date, no deaths have been recorded in non-endemic countries.**
* **As of 06 July, health officials in the** [**Dominican Republic**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5yZXV0ZXJzLmNvbS93b3JsZC9hbWVyaWNhcy9kb21pbmljYW4tcmVwdWJsaWMtY29uZmlybXMtZmlyc3QtY2FzZS1tb25rZXlwb3gtMjAyMi0wNy0wNy8ifQ.eKeLhdSJ3E1VEIQ2uLAqmjrWCo7UPhCXWnD97S8bDNU%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=1SWLmSS28fhzOEi8iVtxpYBLSkubHwxJLoRkkDizkEw%3D&reserved=0)**,** [**Jamaica**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2phbWFpY2EtZ2xlYW5lci5jb20vYXJ0aWNsZS9uZXdzLzIwMjIwNzA2L21vbmtleXBveC1jb25maXJtZWQtamFtYWljYSJ9.UNEHI4mwmIvk9o_qHTBPer_cszVQDEZIlRmU_rhghp0%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=PFHH%2FAm%2BTZIofQNL8OxRDenis8ZpsTp52wktozt%2BrRI%3D&reserved=0)**,** [**Ecuador**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5wbGVuZ2xpc2guY29tL25ld3MvMjAyMi8wNy8wNi9lY3VhZG9yLXJlcG9ydHMtZmlyc3QtbW9ua2V5cG94LWNhc2UvP3V0bV9zb3VyY2U9cnNzJnV0bV9tZWRpdW09cnNzJnV0bV9jYW1wYWlnbj1lY3VhZG9yLXJlcG9ydHMtZmlyc3QtbW9ua2V5cG94LWNhc2UifQ.xu8lypMUFEciwbZ0n0Xcbs4Ff4UscQTj7TqEYH-q-Wo%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=%2FsmU1naElEKjKxYKJxErGFUhEGPLVoreO0ow4ebUhOY%3D&reserved=0)**,** [**Slovakia**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5yZXV0ZXJzLmNvbS93b3JsZC9ldXJvcGUvc2xvdmFraWEtY29uZmlybXMtZmlyc3QtY2FzZS1tb25rZXlwb3gtcHVibGljLWhlYWx0aC1hdXRob3JpdHktMjAyMi0wNy0wNy8ifQ.szMxvgWjeey8bGpYDffeYzNCAbcNGO01koAZdGkNKfw%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Qq2x9SMpw20eJXqCANWzIvjwam2GmST%2BSEuTRsifog4%3D&reserved=0)**, and** [**Taiwan**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNDcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2ZvY3VzdGFpd2FuLnR3L3NvY2lldHkvMjAyMjA3MDcwMDE4In0.VfFvUs3NEUEDX0kQ0PAhMIH0JiEJNsTK4WJQTCTPGaU%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=6mNne18L2BIcN3Db8QNVgLM5aHobmi2%2BrV4EdYaEYss%3D&reserved=0) **have reported their first confirmed MPX cases.**

## Highly Pathogenic Avian Influenza H5N1 – North America: UNDETERMINED

* USDA APHIS confirms HPAI in backyard flocks in Oregon and Washington
* Canada reports a total of 881 confirmed and suspected detections of HPAI in wild birds
* WOAH-WAHIS reports 28 new detections of HPAI H5N1 in wild mammals in the U.S
* National Oceanic and Atmospheric Administration confirms HPAI H5N1 in wild seals
* USDA APHIS confirms HPAI detections in backyard flocks in Utah and Washington
* Canada confirms HPAI in a commercial flock in Quebec
* USDA APHIS confirms HPAI detections in backyard flocks in Maine and Washington
* Indiana Board of Animal Health confirms HPAI in a backyard flock in Marion County

On 13 January 2022, the United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) [confirmed](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTEsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5hcGhpcy51c2RhLmdvdi9hcGhpcy9uZXdzcm9vbS9zdGFrZWhvbGRlci1pbmZvL3NhX2J5X2RhdGUvc2EtMjAyMi9ocGFpLXNjIn0.wXbF6KY3Xw1Govd7IwVTytsUEFmItlTmqhHaw4y_bOg%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=GNHUieh9XxQLX%2FxS5Dcez%2FgvvmAbovP77KgWiFfAya8%3D&reserved=0) highly pathogenic avian influenza (HPAI) A H5 in a wild bird in South Carolina, marking the first detection of HPAI H5 in a wild bird in the U.S. since 2016. On 09 February, the first commercial poultry farm HPAI H5N1 outbreak was [identified](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTIsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5pbi5nb3YvYm9haC9zcGVjaWVzLWluZm9ybWF0aW9uL2F2aWFuYmlyZHMvaGlnaGx5LXBhdGhvZ2VuaWMtYXZpYW4taW5mbHVlbnphLyJ9.stnWuWqu1QkO9JfXDVVxyqTJkUMp7MjnRgU5SgZ5lEA%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=EL%2F3DiQw6NoLteW0mRxmh4wr%2Blk0yWahf9IFVFaThkk%3D&reserved=0) at a turkey farm in Dubois County, Indiana. On 11 February, USDA APHIS [announced](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTMsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5hcGhpcy51c2RhLmdvdi9hcGhpcy9uZXdzcm9vbS9zdGFrZWhvbGRlci1pbmZvL3NhX2J5X2RhdGUvc2EtMjAyMi9ocGFpLXdpbGQtYmlyZC1zdXJ2ZWlsbGFuY2UifQ.1vBLct3pkGXT7hvunbg4E0kjiYlTHNRdWWCY9gJDkfg%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=TDd5z40pF30gms7pnB1rLNTC2YX90StfL9IrQOIOYNg%3D&reserved=0) that wild bird surveillance for avian influenza would be expanded to include the Mississippi and Central Flyways. Prior to detection in the U.S., the City of St. John’s in Newfoundland and Labrador, Canada, [confirmed](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3dhaGlzLm9pZS5pbnQvIy9yZXBvcnQtaW5mbz9yZXBvcnRJZD00NTkyMyJ9.K5EoghjTtnQsVK9vEsXCUpAFGY2E7LF4-8RCCZ6ozs0%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=dxgL%2FD5kKk187VG0%2FoqHvrKUQ6%2BSSb906MiqZ%2Bbz0cg%3D&reserved=0) HPAI in a wild great black-backed gull on 04 November 2021. On 22 December 2021, Canada [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3dhaGlzLm9pZS5pbnQvIy9yZXBvcnQtaW5mbz9yZXBvcnRJZD00NTA1NCJ9.1KVghINlABzFQpbXvGqkVpZaadojOGyLITQI6TuQOrU%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=qYzF7dpt%2FLVorORqDl1iTbVyVBk0Fu2yb%2FMI3GY5WnM%3D&reserved=0) HPAI H5N1 at two poultry farms on the Avalon Peninsula of Newfoundland and Labrador. See Table 1 for additional information on HPAI H5/H5N1 in wild and domestic birds in North America, as reported by USDA APHIS, the World Organisation for Animal Health (WOAH) World Animal Health Information System (WAHIS), and other reporting authorities. In the case of wild birds, a confirmed detection refers to an individual bird that tested positive for HPAI, while a suspected detection refers to untested birds found ill or deceased nearby the positive bird. In the case of commercial poultry and other flocks, each event is counted by outbreak, which refers to a flock of birds in which one or more tested positive for HPAI.

**Why We Are Reporting on This Event**

Novel and emerging avian influenza viruses remain a global priority due to their potential economic impact, effects on animal health, and the zoonotic risk for human populations. The UK and Europe [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2Fzc2V0cy5wdWJsaXNoaW5nLnNlcnZpY2UuZ292LnVrL2dvdmVybm1lbnQvdXBsb2Fkcy9zeXN0ZW0vdXBsb2Fkcy9hdHRhY2htZW50X2RhdGEvZmlsZS8xMDM1ODIyL2hwYWktZXVyb3BlMjJOb3YyMDIxLnBkZiM6fjp0ZXh0PUluJTIwbm9ydGhlcm4lMjBFdXJvcGUlMkMlMjBHZXJtYW55JTJDJTIwdGhlJTIwTmV0aGVybGFuZHMlMkMlMjBOb3J3YXklMkMlMjBhbmQsSXRhbHklMkMlMjBub3clMjByZXBvcnRlZCUyMGFzJTIwZmFyJTIwc291dGglMjBhcyUyMFJvbWUuIn0.Xctvlhi31XIIIkK-yE8bvHSmu2Xzd2nP5s4Um7neCSw%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=DBbOMxhePO%2BiPWDVT2f0LRrW0CZYqBAqm49jcBrTNB0%3D&reserved=0) HPAI H5N1 spreading among wild and domestic birds since October 2021. The 2014-2015 HPAI outbreak in the U.S. was a major national animal health emergency with significant economic impact. Recent detections of HPAI in Canada and the U.S. could potentially signal another resurgence of HPAI in the Americas. One human infection with Eurasian (EA) avian influenza A(H5) has been [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTcsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5jZGMuZ292L21lZGlhL3JlbGVhc2VzLzIwMjIvczA0MjgtYXZpYW4tZmx1Lmh0bWwifQ.0u922Rqlc4Wi6AQJj4lJqTGO3PCrKBYM0bKznsKqGJ0%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=yDhHyaYN3%2FS62l0wWgl%2BleGI%2FM5aS5KI3Jv1A0gkaH0%3D&reserved=0) in the U.S.; however, the U.S. Centers for Disease Control and Prevention (CDC) maintains that risk of human infection remains low. No human infections are associated with this outbreak. The current situation in North America is designated as undetermined because of varying impacts of HPAI across commercial farms, backyard flocks, and wildlife. The situation is improving for commercial farms, stable or worsening for backyard flocks, and unchanged for wildlife. While the source(s) of HPAI in the isolated poultry farms is unconfirmed, it is likely single introductions from wild birds to individual farms.

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*Figure 3: Locations of confirmed cases of HPAI in birds and H5 in a human shown in the four Flyways of the U.S. and Canada*

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| HPAI NAM Table 20220707 |

*Table 1: HPAI H5/H5N1 in wild and domestic birds, and mammals (including humans) in the U.S. and Canada from November 2021 through present, as officially reported by USDA APHIS, Canada, CFIA, USGS WHISPers, Alaska DEH, Arizona, and WOAH-WAHIS*

## Recent Developments:

* **USDA APHIS** [**confirmed**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTgsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3d3dy5hcGhpcy51c2RhLmdvdi9hcGhpcy9vdXJmb2N1cy9hbmltYWxoZWFsdGgvYW5pbWFsLWRpc2Vhc2UtaW5mb3JtYXRpb24vYXZpYW4vYXZpYW4taW5mbHVlbnphL2hwYWktMjAyMi8yMDIyLWhwYWktY29tbWVyY2lhbC1iYWNreWFyZC1mbG9ja3MifQ.fnBhd_SBvJ2ZN7-zN0VKjXEoG7gMcbbFkd9GGsATgcg%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=slMIia0DEBfk%2BqaroAvLYi3JfdTSC67OLCFkSqp%2BJ7g%3D&reserved=0) **the detection of HPAI in backyard flocks in Linn County, Oregon; and Jefferson County, Washington.**
* **Canada** [**reported**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNTksInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL2NmaWEtbmNyLm1hcHMuYXJjZ2lzLmNvbS9hcHBzL2Rhc2hib2FyZHMvODljNzc5ZTk4Y2RmNDkyYzg5OWRmMjNlMWMzOGZkYmMifQ.TKC9B7QCgxB903boITlMKNJpdn-5W5VKpzDiXEho8CY%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=3KsYKFVxOsi172AL5Jaz%2Fn254TsDA7tQWt5N1jxkyQk%3D&reserved=0) **a total of 390 confirmed and 291 suspected detections of HPAI in wild birds.**
* WOAH-WAHIS [reported](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNjAsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA3MDcuNjA0NDk0MDEiLCJ1cmwiOiJodHRwczovL3dhaGlzLndvYWgub3JnLyMvcmVwb3J0LWluZm8_cmVwb3J0SWQ9NTY2ODEifQ.VwMltefyIDoCusZGLYeGn_UtdhTihhIhS9_AM-46hFo%2Fs%2F2581159195%2Fbr%2F136631959708-l&data=05%7C01%7CMollee.Dworkin%40delaware.gov%7C95afaf10338f4582f7a708da605374df%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637928208944702610%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=I%2BJ20aRH%2B5DHGNcZEpciHPdB0bCNAsp%2FXTXj8Z%2BDvM4%3D&reserved=0) 28 new detections of HPAI H5N1 in wild mammals, including bobcats, coyotes, opossums, racoons, red foxes, and striped skunks, from Alaska, Idaho, Iowa, Michigan, Minnesota, North Dakota, Utah, Washington, and Wisconsin.

# Additional (Re)Emerging Infectious Diseases of Interest

This section includes both current/present and recent/historical information.

## Spotlight:

## Monkeypox

* As of 7/7, there are 700 reported cases of monkeypox/orthopoxvirus in 36 states and territories, per the CDC [U.S. Monkeypox 2022: Situation Summary](https://www.cdc.gov/poxvirus/monkeypox/response/2022/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fpoxvirus%2Fmonkeypox%2Foutbreak%2Fcurrent.html)
* As of 6/25, WHO [announced](https://www.who.int/news/item/25-06-2022-meeting-of-the-international-health-regulations-(2005)-emergency-committee--regarding-the-multi-country-monkeypox-outbreak) that monkeypox is not currently a global public health emergency
* On 6/15, the World Health Organization [reported](https://www.reuters.com/business/healthcare-pharmaceuticals/who-looks-into-reports-monkeypox-virus-semen-2022-06-15/) looking into reports that monkeypox virus is present in the semen of patients
* On 6/14 the [CDC](https://emergency.cdc.gov/han/2022/han00468.asp) distributed updated case-finding guidance via the CDC Health Alert Network
* As of 6/8, CDC updated the [Case Definitions for Use in the 2022 Monkeypox Response](https://www.cdc.gov/poxvirus/monkeypox/clinicians/case-definition.html)
* On 5/18, the [Massachusetts](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjQsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA1MjUuNTg0NTk4ODEiLCJ1cmwiOiJodHRwczovL3d3dy5tYXNzLmdvdi9uZXdzL21hc3NhY2h1c2V0dHMtcHVibGljLWhlYWx0aC1vZmZpY2lhbHMtY29uZmlybS1jYXNlLW9mLW1vbmtleXBveCJ9.A02EDoDEA7YsmgrhO8DaZnhiQEVSOfshrCvE_EhhnJs%2Fs%2F2171068535%2Fbr%2F131889805219-l&data=05%7C01%7Cjamie.ahlers%40delaware.gov%7C1134fde0a92b4fde310708da3e8ccc86%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637891072152864660%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C2000%7C%7C%7C&sdata=rVM3cjT17gpvl8lrPXhrQ2mDxXuseiTVpX8fVQeEElg%3D&reserved=0) Department of Public Health (DPH) and the U.S. [CDC](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxMjUsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA1MjUuNTg0NTk4ODEiLCJ1cmwiOiJodHRwczovL3d3dy5jZGMuZ292L21lZGlhL3JlbGVhc2VzLzIwMjIvczA1MTgtbW9ua2V5cG94LWNhc2UuaHRtbCJ9.UlTjDbHuswptP4qulJM0VPwpuRAdkVx5eROSlqDpIcc%2Fs%2F2171068535%2Fbr%2F131889805219-l&data=05%7C01%7Cjamie.ahlers%40delaware.gov%7C1134fde0a92b4fde310708da3e8ccc86%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637891072152864660%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C2000%7C%7C%7C&sdata=kzF%2FNDUgE2GO1rbAqUukm4mVWAYbWzmQuEKYy8QML2o%3D&reserved=0) confirmed a human case of infection with monkeypox virus (MPXV) in an individual with recent travel history to Canada by private transportation.

## Acute Hepatitis of Unknown Origin

* As of 7/7, there are [332 persons under investigation](https://www.cdc.gov/ncird/investigation/hepatitis-unknown-cause/updates.html)\* in the US
* On 6/24, the CDC released Interim [Analysis](https://www.cdc.gov/mmwr/volumes/71/wr/mm7126e1.htm?s_cid=mm7126e1_e&ACSTrackingID=USCDC_921-DM84800&ACSTrackingLabel=MMWR%20Early%20Release%20-%20Vol.%2071%2C%20June%2024%2C%202022&deliveryName=USCDC_921-DM84800) of Acute Hepatitis of Unknown Etiology in Children Aged <10 Years — United States, October 2021–June 2022
* On 6/10 a study from [Israel](https://www.jpost.com/health-and-wellness/article-709414) suggests that [Long COVID](https://journals.lww.com/jpgn/abstract/9900/long_covid_19_liver_manifestation_in_children.84.aspx) may be behind mysterious child hepatitis
* On 5/11 CDC Health Alert Network announced [Updated Recommendations for Adenovirus Testing and Reporting of Children with Acute Hepatitis of Unknown Etiology](https://emergency.cdc.gov/han/2022/han00465.asp?ACSTrackingID=USCDC_511-DM81924&ACSTrackingLabel=HAN%20465%20-%20General%20Public&deliveryName=USCDC_511-DM81924)
* **On 5/6 A U.S. media source** [**published**](https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Flnks.gd%2Fl%2FeyJhbGciOiJIUzI1NiJ9.eyJidWxsZXRpbl9saW5rX2lkIjoxNjYsInVyaSI6ImJwMjpjbGljayIsImJ1bGxldGluX2lkIjoiMjAyMjA1MTIuNTc4MjU5MDEiLCJ1cmwiOiJodHRwczovL3d3dy50b2RheS5jb20vaGVhbHRoL2hlYWx0aC9wZWRpYXRyaWMtaGVwYXRpdGlzLWFtZXJpY2Etc3RhdGVzLXJlcG9ydGVkLWNhc2VzLXJjbmEyNzU0NiJ9.Nw46cgtraTgGYtZJT0EY9FUmm36sB1wyujgDFY5UE3o%2Fs%2F2171068535%2Fbr%2F131230319526-l&data=05%7C01%7Cjamie.ahlers%40delaware.gov%7Cc4bd26fa8b2149aa493208da3452e421%7C8c09e56951c54deeabb28b99c32a4396%7C0%7C0%7C637879828015072822%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=Axy%2Bz1nwaj5mA8G0haYaAiQkElFJvirJjTY8EaeAuS0%3D&reserved=0) **a comprehensive list of all states investigating reports of suspected childhood hepatitis cases- including Delaware.**
* On 5/4 [With usual suspects ruled out, disease detectives try to crack mystery of viral hepatitis cases in kids](https://www.statnews.com/2022/05/04/with-usual-suspects-ruled-out-disease-detectives-try-to-crack-mystery-of-viral-hepatitis-cases-in-kids/?utm_source=STAT+Newsletters&utm_campaign=89c6df4504-MR_COPY_01&utm_medium=email&utm_term=0_8cab1d7961-89c6df4504-150711625)
* Since October 2021, children in the U.S. have been diagnosed with hepatic injury (i.e., liver injury)/hepatitis (i.e., liver inflammation/disease) following reported symptoms of gastrointestinal illness with no predisposing health conditions. In the U.S., cases have been reported in 42 states and Puerto Rico.

\* Person Under Investigation: Children <10 years of age with elevated aspartate aminotransferase (AST) or alanine aminotransferase (ALT) (>500 U/L) who have an unknown etiology for their hepatitis (with or without any adenovirus testing results, independent of the results) since October 1, 2021.

## Delaware

## Regional

## National

* [U.S. Monkeypox 2022: Situation Summary](https://www.cdc.gov/poxvirus/monkeypox/response/2022/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fpoxvirus%2Fmonkeypox%2Foutbreak%2Fcurrent.html)
* [Salmonella Outbreak Linked to Peanut Butter](https://www.cdc.gov/salmonella/senftenberg-05-22/index.html)- FDA recalls Jif brand Peanut butter
* [Outbreak Investigation of Hepatitis A Virus: Strawberries (May 2022)](https://www.fda.gov/food/outbreaks-foodborne-illness/outbreak-investigation-hepatitis-virus-strawberries-may-2022)

## Global

* Ghana [reports](https://www.afro.who.int/countries/ghana/news/ghana-reports-first-ever-suspected-cases-marburg-virus-disease) first-ever suspected cases of Marburg virus disease
* The Democratic Republic of Congo [declares](https://www.afro.who.int/countries/democratic-republic-of-congo/news/democratic-republic-congo-declares-14th-ebola-outbreak-over) its 14th Ebola outbreak is over
* Recent Increase in Seal Deaths in Maine [Linked](https://www.fisheries.noaa.gov/feature-story/recent-increase-seal-deaths-maine-linked-avian-flu) to Avian Flu
* In mainland China, one human [case](https://www.info.gov.hk/gia/general/202206/27/P2022062700481.htm) of avian flu (H5N6) is currently being monitored
* The World Health Organization (WHO) has been developing weekly updates on the current situation in Ukraine and refugee-receiving countries, priority public health concerns and WHO’s actions to rapidly respond to the health emergency triggered by the conflict and to minimize disruptions to the delivery of critical health services. The latest report published on June 30th can be found [here](https://www.who.int/emergencies/situations/ukraine-emergency).

# COVID-19 Travel Recommendations by Destination

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/map-and-travel-notices.html>

**Level 4: Special Circumstances/Do Not Travel**

“Do not travel to these destinations. If you must travel to these destinations, make sure you are [up to date](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html) with your COVID-19 vaccines before your trip.”

## Level 3: COVID-19 High

“Make sure you are [up to date](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html) with your COVID-19 vaccines before traveling to these destinations. If you are not up to date with your COVID-19 vaccines, avoid travel to these destinations.”

* [Albania](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-albania)
* [Andorra](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-andorra)
* [Anguilla](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-anguilla)
* [Antigua and Barbuda](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-antigua-and-barbuda)
* [Argentina](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-argentina)
* [Aruba](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-aruba)
* [Australia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-australia)
* [Austria](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-austria)
* [Bahamas, The](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-the-bahamas)
* [Bahrain](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-bahrain)
* [Barbados](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-barbados)
* [Belgium](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-belgium)
* [Belize](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-belize)
* [Bermuda](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-bermuda)
* [Bonaire](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-bonaire)
* [Botswana](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-botswana)
* [Brazil](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-brazil)
* [British Virgin Islands](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-british-virgin-islands)
* [Brunei](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-brunei)
* [Bulgaria](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-bulgaria)
* [Canada](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-canada)
* [Cape Verde](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-cape-verde)
* [Cayman Islands](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-cayman-islands)
* [Central African Republic](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-central-african-republic)
* [Chile](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-chile)
* [Costa Rica](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-costa-rica)
* [Croatia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-croatia)
* [Curaçao](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-curacao)
* [Cyprus](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-cyprus)
* [Czech Republic](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-czech-republic)
* [Denmark](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-denmark)
* [Dominica](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-dominica)
* [Dominican Republic](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-dominican-republic)
* [Easter Island](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-easter-island)
* [Ecuador](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-ecuador)
* [Estonia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-estonia)
* [Eswatini](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-eswatini)
* [Finland](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-finland)
* [France](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-france)
* [Georgia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-georgia)
* [Germany](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-germany)
* [Gibraltar](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-gibraltar)
* [Greece](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-greece)
* [Grenada](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-grenada)
* [Guadeloupe](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-guadeloupe)
* [Guatemala](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-guatemala)
* [Guernsey](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-guernsey)
* [Guyana](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-guyana)
* [Hong Kong SAR](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-hong-kong)
* [Iceland](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-iceland)
* [Ireland](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-ireland)
* [Isle of Man](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-isle-of-man)
* [Israel](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-israel)
* [Italy](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-italy)
* [Jamaica](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-jamaica)
* [Japan](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-japan)
* [Jersey (U.K.)](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-jersey)
* [Kuwait](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-kuwait)
* [Laos](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-laos)
* [Latvia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-latvia)
* [Lesotho](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-lesotho)
* [Liechtenstein](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-liechtenstein)
* [Lithuania](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-lithuania)
* [Luxembourg](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-luxembourg)
* [Malaysia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-malaysia)
* [Malta](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-malta)
* [Martinique](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-martinique)
* [Mauritius](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-mauritius)
* [Mexico](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-mexico)
* [Monaco](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-monaco)
* [Mongolia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-mongolia)
* [Montenegro](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-montenegro)
* [Montserrat](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-montserrat)
* [Morocco](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-morocco)
* [Namibia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-namibia)
* [Netherlands, The](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-netherlands)
* [New Caledonia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-new-caledonia)
* [New Zealand](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-new-zealand)
* [Norway](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-norway)
* [Panama](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-panama)
* [Papua New Guinea](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-papua-new-guinea)
* [Portugal](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-portugal)
* [Qatar](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-qatar)
* [Réunion](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-reunion)
* [Saint Barthelemy](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-saint-barthelemy)
* [Saint Kitts and Nevis](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-st-kitts-and-nevis)
* [Saint Lucia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-saint-lucia)
* [Saint Martin](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-saint-martin)
* [Saint Vincent and the Grenadines](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-saint-vincent-and-the-grenadines)
* [San Marino](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-san-marino)
* [Serbia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-serbia)
* [Seychelles](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-seychelles)
* [Singapore](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-singapore)
* [Sint Maarten](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-sint-maarten)
* [Slovakia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-slovakia)
* [Slovenia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-slovenia)
* [Somalia](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-somalia)
* [South Africa](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-south-africa)
* [South Korea](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-south-korea)
* [South Sudan](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-south-sudan)
* [Spain](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-spain)
* [Suriname](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-suriname)
* [Sweden](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-sweden)
* [Switzerland](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-switzerland)
* [Taiwan](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-taiwan)
* [Thailand](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-thailand)
* [Trinidad and Tobago](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-trinidad-and-tobago)
* [Turkey](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-turkey)
* [Turks and Caicos Islands (U.K.)](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-turks-and-caicos)
* [United Arab Emirates](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-united-arab-emirates)
* [United Kingdom](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-united-kingdom)
* [Uruguay](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-uruguay)
* [Vietnam](https://wwwnc.cdc.gov/travel/notices/covid-3/coronavirus-vietnam)

## Level 2: COVID-19 Moderate

“Make sure you are up to date with your COVID-19 vaccines before traveling to these destinations.”

* [Bolivia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-bolivia)
* [Bosnia and Herzegovina](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-bosnia-and-herzegovina)
* [Colombia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-colombia)
* [Ethiopia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-ethiopia)
* [Honduras](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-honduras)
* [Iraq](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-iraq)
* [Jordan](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-jordan)
* [Kenya](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-kenya)
* [Lebanon](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-lebanon)
* [North Macedonia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-north-macedonia)
* [Oman](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-oman)
* [Paraguay](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-paraguay)
* [Peru](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-peru)
* [Poland](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-poland)
* [Romania](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-romania)
* [Russia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-russia)
* [Saudi Arabia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-saudi-arabia)
* [Tunisia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-tunisia)
* [Zambia](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-zambia)
* [Zimbabwe](https://wwwnc.cdc.gov/travel/notices/covid-2/coronavirus-zimbabwe)

## Level 1: COVID-19 Low

“Make sure you are [up to date](https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html) with your COVID-19 vaccines before traveling to these destinations.”

* [Armenia](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-armenia)
* [Azerbaijan](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-azerbaijan)
* [Bangladesh](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-bangladesh)
* [Benin](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-benin)
* [Burma (Myanmar)](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-burma)
* [Cameroon](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-cameroon)
* [Chad](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-chad)
* [China](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-china)
* [Congo, Republic of the](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-congo)
* [Cote d’Ivoire (Ivory Coast)](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-ivory-coast)
* [Cuba](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-cuba)
* [Egypt](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-egypt)
* [Equatorial Guinea](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-equatorial-guinea)
* [El Salvador](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-el-salvador)
* [Fiji](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-fiji)
* [Gabon](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-gabon)
* [Guinea](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-guinea)
* [Guinea-Bissau](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-guinea-bissau)
* [India](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-india)
* [Indonesia](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-indonesia)
* [Kosovo](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-kosovo)
* [Kyrgyzstan](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-kyrgyzstan)
* [Liberia](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-liberia)
* [Malawi](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-malawi)
* [Mali](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-mali)
* [Mauritania](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-mauritania)
* [Moldova](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-moldova)
* [Nepal](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-nepal)
* [Niger](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-niger)
* [Nigeria](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-nigeria)
* [Pakistan](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-pakistan)
* [Philippines](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-philippines)
* [Rwanda](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-rwanda)
* [Saba](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-saba)
* [Saint Pierre and Miquelon](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-saint-pierre-and-miquelon)
* [São Tomé and Príncipe](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-sao-tome-and-principe)
* [Senegal](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-senegal)
* [Sierra Leone](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-sierra-leone)
* [Sint Eustatius](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-sint-eustatius)
* [Sri Lanka](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-sri-lanka)
* [Tanzania](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-tanzania)
* [Timor-Leste (East Timor)](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-timor-leste)
* [Togo](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-togo)
* [Uganda](https://wwwnc.cdc.gov/travel/notices/covid-1/coronavirus-uganda)

## Level Unknown: COVID-19

* [Afghanistan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-afghanistan)
* [Algeria](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-algeria)
* [Angola](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-angola)
* [Antarctica](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-antarctica)
* [Azores](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-azores)
* [Belarus](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-belarus)
* [Bhutan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-bhutan)
* [Burkina Faso](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-burkina-faso)
* [Burundi](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-burundi)
* [Cambodia](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-cambodia)
* [Canary Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-canary-islands)
* [Christmas Island](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-christmas-island)
* [Cocos (Keeling) Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-cocos-islands)
* [Comoros](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-comoros)
* [Cook Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-cook-islands)
* [Democratic Republic of the Congo](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-democratic-republic-of-congo)
* [Djibouti](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-djibouti)
* [Eritrea](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-eritrea)
* [Falkland Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-falkland-islands)
* [Faroe Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-faroe-islands)
* [French Guiana](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-french-guiana)
* [French Polynesia](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-french-polynesia)
* [Gambia, The](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-the-gambia)
* [Ghana](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-ghana)
* [Greenland](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-greenland)
* [Haiti](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-haiti)
* [Hungary](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-hungary)
* [Iran](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-iran)
* [Kazakhstan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-kazakhstan)
* [Kiribati](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-kiribati)
* [Libya](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-libya)
* [Macau SAR](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-macau)
* [Madagascar](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-madagascar)
* [Madeira Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-madeira-islands)
* [Maldives](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-maldives)
* [Mayotte](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-mayotte)
* [Mozambique](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-mozambique)
* [Nauru](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-nauru)
* [Nicaragua](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-nicaragua)
* [Niue](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-niue)
* [Norfolk Island](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-norfolk-island)
* [North Korea](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-north-korea)
* [Pitcairn Islands (U.K.)](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-pitcairn-islands)
* [Saint Helena](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-saint-helena)
* [Samoa](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-samoa)
* [Solomon Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-solomon-islands)
* [South Georgia and the South Sandwich Islands](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-south-georgia-south-sandwich-islands)
* [Sudan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-sudan)
* [Syria](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-syria)
* [Tajikistan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-tajikistan)
* [Tokelau](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-tokelau)
* [Tonga](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-tonga)
* [Turkmenistan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-turkmenistan)
* [Tuvalu](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-tuvalu)
* [Ukraine](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-ukraine)
* [Uzbekistan](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-uzbekistan)
* [Vanuatu](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-vanuatu)
* [Venezuela](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-venezuela)
* [Wake Island](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-wake-island)
* [Yemen](https://wwwnc.cdc.gov/travel/notices/covid-unknown/coronavirus-yemen)

# Travel Health Notices (non-COVID)

<https://wwwnc.cdc.gov/travel/notices>

## Warning Level 3, Avoid Nonessential Travel

* 09/30/2021: [Health Infrastructure Breakdown in Venezuela](https://wwwnc.cdc.gov/travel/notices/warning/health-infrastructure-breakdown-venezuela)

## Alert Level 2, Practice Enhanced Precautions

* 07/06/2022: [Polio in Asia and Eastern Europe](https://wwwnc.cdc.gov/travel/notices/alert/polio-asia)
* 07/06/2022: [Polio in Africa](https://wwwnc.cdc.gov/travel/notices/alert/polio-africa)
* 06/07/2022: [Monkeypox in Multiple Countries](https://wwwnc.cdc.gov/travel/notices/alert/monkeypox)
* 05/04/2022: [Yellow Fever in Nigeria](https://wwwnc.cdc.gov/travel/notices/alert/yellow-fever-nigeria)
* 03/21/2022: [Polio in Asia and Eastern Europe](https://wwwnc.cdc.gov/travel/notices/alert/polio-asia)
* 03/21/2022: [Polio in Africa](https://wwwnc.cdc.gov/travel/notices/alert/polio-africa)
* 12/14/2021: [Yellow Fever in Ghana](https://wwwnc.cdc.gov/travel/notices/alert/yellow-fever-ghana)

## Watch Level 1, Practice Usual Precautions

* 06/08/2022: [Hajj in Saudi Arabia](https://wwwnc.cdc.gov/travel/notices/watch/hajj)
* 05/05/2022: [Rabies in Haiti](https://wwwnc.cdc.gov/travel/notices/watch/rabies-haiti)
* 05/03/2022: [Cholera in Cameroon](https://wwwnc.cdc.gov/travel/notices/watch/cholera-cameroon)
* 03/17/2022: [Measles in Afghanistan](https://wwwnc.cdc.gov/travel/notices/watch/measles-afghanistan)
* 03/15/2022: [Lassa Fever in Nigeria](https://wwwnc.cdc.gov/travel/notices/watch/lassa-fever-nigeria)
* 03/04/2022: [Measles in Africa](https://wwwnc.cdc.gov/travel/notices/watch/measles-africa)
* 02/23/2022: [Dengue in Asia and the Pacific Islands](https://wwwnc.cdc.gov/travel/notices/watch/dengue-asia-pacific-islands)
* 12/30/2021: [Dengue in the Americas](https://wwwnc.cdc.gov/travel/notices/watch/dengue-americas)
* 11/30/2021: [Monkeypox in Nigeria](https://wwwnc.cdc.gov/travel/notices/watch/monkeypox-nigeria)
* 09/30/2021: [Malaria in Burundi](https://wwwnc.cdc.gov/travel/notices/watch/malaria-burundi)
* 09/30/2021: [Dengue in Africa and the Middle East](https://wwwnc.cdc.gov/travel/notices/watch/dengue-africa)
* 09/30/2021: [XDR Typhoid Fever in Pakistan](https://wwwnc.cdc.gov/travel/notices/watch/xdr-typhoid-fever-pakistan)
* 09/30/2021: [Monkeypox in the Democratic Republic of the Congo](https://wwwnc.cdc.gov/travel/notices/watch/monkeypox-democratic-republic-of-congo)
* 09/30/2021: [Leishmaniasis in Chad](https://wwwnc.cdc.gov/travel/notices/watch/leishmaniasis-chad)

# Resources

## General

CDC Current Outbreaks: <https://www.cdc.gov/outbreaks/index.html>

CDC Health Alert Network (HAN): <https://emergency.cdc.gov/han/index.asp>

CDC Morbidity and Mortality Weekly Report (MMWR): <https://www.cdc.gov/mmwr/index.html>

CDC News Releases: <https://www.cdc.gov/media/releases/2022/archives.html>

Delaware Health Alert Network: <https://www.dhss.delaware.gov/dhss/dph/php/alerts.html>

Johns Hopkins Center for Health Security: <https://www.centerforhealthsecurity.org/>

My Healthy Community: <https://myhealthycommunity.dhss.delaware.gov/locations/state>

World Health Organization (WHO) Disease Outbreak News (DON): <https://www.who.int/emergencies/disease-outbreak-news>

## COVID-19

CDC: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

CDC: COVID-19 Travel Recommendations by Destination: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/map-and-travel-notices.html>

CDC COVID vaccine: <https://www.cdc.gov/vaccines/covid-19/index.html>

CDC Cruise Ship Color Status: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/crew-disembarkations-commercial-travel.html>

CDC: Guidance for COVID-19 Prevention in K-12 Schools: <https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/k-12-guidance.html>

CDC Interim Public Health Recommendations for Fully Vaccinated People: <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/fully-vaccinated-guidance.html>

CDC Travel: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html>

CDC Variants: <https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-info.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fcases-updates%2Fvariant-surveillance%2Fvariant-info.html>

COVID Act Now: <https://covidactnow.org/?s=2071991>

Delaware: <https://coronavirus.delaware.gov/>

Delaware: COVID vaccine: <https://coronavirus.delaware.gov/vaccine/>

WHO Variants: <https://www.who.int/en/activities/tracking-SARS-CoV-2-variants/>

## Division of Public Health

DPH, Office of Infectious Disease Epidemiology Emerging Infectious Disease page: <https://dhss.delaware.gov/dph/epi/emerginginfectiousdiseases.html>