



COVID-19

Interim Public Health Recommendations for Fully Vaccinated People

Updated Nov. 19, 2021

CDC has expanded [recommendations](#) for booster shots to now include all adults ages 18 years and older who received a Pfizer-BioNTech or Moderna (mRNA) COVID-19 vaccine as part of their primary series. Get more information and read CDC's [media statement](#).

Summary of Recent Changes

Updates as of October 15, 2021



- Based on evolving evidence, CDC recommends fully vaccinated people get tested 5-7 days after close contact with a person with suspected or confirmed COVID-19.
- Added [Annex](#) describing what vaccines qualify people as fully vaccinated and how to interpret vaccine records.

Guiding Principles

The following recommendations apply to non-healthcare settings. For related information for healthcare settings, visit [Updated Healthcare Infection Prevention and Control Recommendations in Response to COVID-19 Vaccination](#).

Fully vaccinated people can:

- Participate in many of the activities that they did before the pandemic.
- Resume domestic travel and refrain from testing before or after travel and from self-quarantine after travel.
- Refrain from testing before leaving the United States for international travel (unless required by the destination) and refrain from self-quarantine after arriving back in the United States.
- Refrain from routine screening testing if feasible.

COVID-19 vaccines are safe and effective at preventing infection, hospitalization, and death. Most people who get COVID-19 are unvaccinated. However, since vaccines are not 100% effective at preventing infection, some people who are [fully vaccinated](#) will still get COVID-19. An infection of a fully vaccinated person is referred to as a "breakthrough infection." People who get vaccine breakthrough infections can be contagious but are less likely than unvaccinated people to be hospitalized or die.

To reduce the risk of becoming infected with SARS-CoV-2 (the virus that causes COVID-19) including the Delta variant, and potentially spreading it to others, CDC

recommends that fully vaccinated people:

- Wear a mask indoors in public if they are in an area of [substantial or high transmission](#).
 - Fully vaccinated people might choose to mask regardless of the level of community transmission, particularly if they or someone in their household is immunocompromised or at [increased risk for severe disease](#), or if someone in their household is unvaccinated.
- Get tested if experiencing [COVID-19 symptoms](#).
- Get tested 5-7 days after [close contact](#) with someone with suspected or confirmed COVID-19.
- Wear a mask indoors in public for 14 days after exposure or until a negative test result.
- Isolate if they have tested positive for COVID-19 in the prior 10 days or are experiencing [COVID-19 symptoms](#).
- Follow any applicable federal, state, local, tribal, or territorial laws, rules, and regulations.



COVID-19 County Check

Find community transmission levels

Select a Location



About the Delta Variant: Vaccines continue to reduce a person's risk of contracting the virus that cause COVID-19, including this variant. Vaccines are highly effective against severe illness, but the [Delta variant causes more infections and spreads faster](#) than earlier forms of the virus that causes COVID-19. [Learn more about variants in the US.](#)

People who are immunocompromised should be counseled about the potential for reduced immune responses to COVID-19 vaccines and to follow [current](#) prevention measures (including wearing [a mask](#), [staying 6 feet apart from others](#) they don't live with, and avoiding crowds and poorly ventilated indoor spaces) regardless of their vaccination status to protect themselves against COVID-19 until advised otherwise by their healthcare provider.

Overview

Currently approved or authorized COVID-19 vaccines protect people from getting infected and severely ill, and significantly reduce the likelihood of hospitalization and death. ^[1] Fully vaccinated people are less likely to become infected and, if infected, to develop symptoms of COVID-19 compared with unvaccinated people. Even when fully vaccinated people develop symptoms, they tend to be less severe symptoms than in unvaccinated people. This means they are much less likely to be hospitalized or die than people who are not vaccinated. However, people who get vaccine breakthrough infections can be contagious and spread the virus to others.

In general, people are considered fully vaccinated ([Annex](#)) against COVID-19:

- 2 weeks after their second dose in a 2-dose series, such as the Pfizer-BioNTech or Moderna vaccines, or
- 2 weeks after a single-dose vaccine, such as Johnson & Johnson's Janssen vaccine

There is currently no post-vaccination time limit on fully vaccinated status. People are considered not fully vaccinated if they have not completed vaccination, cannot be vaccinated, or are not eligible for vaccines, including children less than 5 years of age.

Data suggest immune response to COVID-19 vaccination might be reduced in some immunocompromised people including, but not limited to, people receiving chemotherapy for cancer, people with hematologic cancers such as chronic lymphocytic leukemia, people receiving stem cells or organ transplants, people receiving hemodialysis, and people using certain medications that might blunt the immune response to vaccination (e.g., mycophenolate, rituximab, azathioprine, anti-CD20 monoclonal antibodies, Bruton tyrosine kinase inhibitors).

People who are immunocompromised should be counseled about the potential for reduced immune responses to COVID-19 vaccines and the need to continue to follow current prevention measures (including wearing [a mask](#), [staying 6 feet apart from others](#) they don't live with, and avoiding crowds and poorly ventilated indoor spaces) to protect themselves against COVID-19 until advised otherwise by their healthcare provider. CDC also recommends that people who are [moderately to severely immunocompromised](#) should receive an additional dose of mRNA COVID-19 vaccine after the initial 2 doses. Close contacts of immunocompromised people should also be encouraged to be vaccinated against COVID-19.

This guidance provides recommendations for fully vaccinated people, including:

- How fully vaccinated people can safely resume many activities while protecting others.
- How fully vaccinated people should approach domestic and international travel.
- How fully vaccinated people should approach isolation, quarantine, and testing.

CDC will continue to evaluate and update public health recommendations for fully vaccinated people as more information, including on Delta and other new variants, becomes available. Further information on evidence and considerations related to these recommendations is available in the [Science Brief](#).

Recommendations for Indoor Settings

Risk of SARS-CoV-2 infection, severe disease, and death is reduced for fully vaccinated people. However, since vaccines are not 100% effective at preventing infection, some people who are fully vaccinated will still get COVID-19 infection. Fully vaccinated people who do become infected can transmit it to others. Therefore, fully vaccinated people can further reduce their risk of becoming infected with SARS-CoV-2 and transmitting it to others by wearing a mask indoors in public in [areas of substantial or high community transmission](#). Wearing a mask in public is most important for people who are immunocompromised due to their risk of becoming infected. Fully vaccinated people might choose to mask regardless of the level of community transmission, particularly if they or someone in their household is immunocompromised or at increased risk for severe disease, or if someone in their household is not fully vaccinated. [People at increased risk for severe disease](#) include older adults and those who have certain medical conditions, such as diabetes, overweight or obesity, and heart conditions. Fully vaccinated people should also continue to wear a mask where required by federal, state, local, tribal, or territorial laws, rules, and regulations, including local business and workplace guidance, and in [correctional facilities](#) and [homeless shelters](#). [Prevention measures](#) are still recommended in indoor public spaces for unvaccinated people.

[CDC recommends universal indoor masking for all teachers, staff, students, and visitors to schools](#), regardless of vaccination status. Children should return to full-time in-person learning in the fall with proper prevention strategies in place.

Recommendations for Outdoor Settings

Current data suggest the risk of transmission of SARS-CoV-2 in outdoor settings is low. In general, fully vaccinated people do not need to wear a mask outdoors. Fully vaccinated people might choose to wear a mask in crowded outdoor settings if they or someone in their household is immunocompromised, at increased risk of severe disease, or not fully vaccinated.

Travel

Fully vaccinated travelers are less likely to get and spread SARS-CoV-2 and can now travel at low risk to themselves within the United States. International travelers need to pay close attention to the [situation at their international destinations](#) before traveling due to the spread of new variants and because the burden of COVID-19 varies globally.

[Wearing a mask over your nose and mouth is required](#) on planes, buses, trains, and other forms of public transportation traveling into, within, or out of the United States and while indoors at U.S. transportation hubs such as airports and stations. Travelers are not required to wear a mask in outdoor areas of a conveyance (like on open deck areas of a ferry or the uncovered top deck of a bus).

Domestic travel (within the United States or to a U.S. territory)

- Fully vaccinated travelers do not need to get a SARS-CoV-2 viral test before or after domestic travel, unless testing is required by local, state, or territorial health authorities.

required by local, state, or territorial health authorities.

- Fully vaccinated travelers do not need to self-quarantine following domestic travel.
- For more information, see [Domestic Travel During COVID-19](#).

International travel

- Fully vaccinated travelers do not need to get tested before leaving the United States unless required by their destination.
- Fully vaccinated air travelers coming to the United States from abroad, including U.S. citizens, are still [required](#) to have a negative SARS-CoV-2 viral test result or documentation of recovery from COVID-19 before they board a flight to the United States.
- International travelers arriving in the United States are still recommended to get a SARS-CoV-2 viral test 3-5 days after travel regardless of vaccination status.
- Fully vaccinated travelers do not need to self-quarantine in the United States following international travel.
- For more information, see [International Travel During COVID-19](#).

Recommendations for Isolation, Quarantine and Testing

The following recommendations apply to non-healthcare settings. Guidance for residents and staff of healthcare settings can be found in the Updated Healthcare [Infection Prevention Control Recommendations in Response to COVID-19 Vaccination](#).

Fully vaccinated people with COVID-19 symptoms

Although the risk that fully vaccinated people could become severely ill and die of COVID-19 is low, any fully vaccinated person who experiences [symptoms consistent with COVID-19](#) should [isolate themselves from others](#), be clinically evaluated for COVID-19, and tested for SARS-CoV-2 if indicated. The symptomatic fully vaccinated person should inform their healthcare provider of their vaccination status at the time of presentation to care.

Fully vaccinated people with no COVID-like symptoms following an exposure to someone with suspected or confirmed COVID-19

Fully vaccinated people who have come into [close contact](#) with someone with COVID-19 should be tested 5-7 days following the date of their exposure and wear a mask in public indoor settings for 14 days or until they receive a negative test result. ^[ii] They should isolate if they test positive. Fully vaccinated people who live in a household with someone who is immunosuppressed, at increased risk of severe disease, or unvaccinated (including children <5 years of age) could also consider masking at home for 14 days following a known exposure or until they receive a negative test result. Most fully vaccinated people with no COVID-like symptoms do not need to [quarantine](#) or be restricted from work following an exposure to someone with suspected or confirmed COVID-19, if they follow the testing and masking recommendation above. ^[iii]

Fully vaccinated people should monitor for [symptoms of COVID-19](#) for 14 days following an exposure.

Fully vaccinated people with no COVID-19-like symptoms and no known exposure to someone with suspected or confirmed COVID-19

It is recommended that fully vaccinated people with no COVID-19-like symptoms and no known exposure should be exempted from routine screening testing programs, if feasible.



For Healthcare and Public Health
[COVID-19 Clinical and Professional Resources](#)

In general, people are considered fully vaccinated:

- 2 weeks after their second dose in a 2-dose series, such as the Pfizer-BioNTech or Moderna vaccines, or
- 2 weeks after a single-dose vaccine, such as Johnson & Johnson's Janssen vaccine

This guidance applies to COVID-19 vaccines that are:

- Currently approved or authorized for emergency use by the U.S. Food and Drug Administration (Pfizer-BioNTech, Moderna, and Johnson & Johnson [J&J]/Janssen COVID-19 vaccines)
- Listed [for emergency use by the World Health Organization](#) (such as Novavax and AstraZeneca/Oxford)

Additionally, this guidance can be applied to clinical trial participants from:

- U.S. sites who received all recommended doses of a COVID-19 vaccine that is neither approved nor authorized for use by FDA but is listed for emergency use by WHO, or who have received the full series of an "active" (not placebo) COVID-19 vaccine candidate for which vaccine efficacy has been independently confirmed (e.g., by a data and safety monitoring board).
- U.S.-based AstraZeneca and Novavax COVID-19 vaccine trials. These U.S. participants in COVID-19 vaccine trials can be considered fully vaccinated 2 weeks after they complete the vaccine series, if it has been confirmed that they received "active" vaccine, and not placebo.

More information is available at [Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC](#).

Interpretation of vaccine records: CDC has not recommended the use of heterologous (i.e., mix-and-match) primary series. However, the use of such strategies (including mixing of mRNA, adenoviral, and mRNA plus adenoviral products) is increasingly common in many countries outside of the United States. Therefore, for the purposes of interpretation of vaccination records, individuals can be considered fully vaccinated ≥ 2 weeks after receipt of the last dose if they have received any single dose of an FDA approved/authorized or WHO EUL approved single-dose series (i.e., Janssen), or any combination of two doses of an FDA approved/authorized or WHO emergency use listed COVID-19 two-dose series. The recommended interval between the first and second doses of FDA-approved/authorized and WHO-EUL listed vaccines varies by vaccine type. However, for purposes of interpretation of vaccine records, the second dose in a two dose heterologous series must have been received no earlier than 17 days (21 days with a 4 day grace period) after the first dose.

The above guidance on interpreting vaccine records does not impact CDC recommendations on primary series vaccination and should not guide clinical practice. ^[iv]

Previous Updates

Updates from Previous Content

As of July 27, 2021

- Added a recommendation for fully vaccinated people to wear a mask in public indoor settings in areas of substantial or high transmission.

As of July 16, 2021

- Updated considerations for people who are immunocompromised

As of July 12, 2021

- Updated Choosing Safer Activities infographic with new considerations for the example activity for outdoor gatherings with fully vaccinated and unvaccinated people.

^[i] [Science Brief: COVID-19 Vaccines and Vaccination \(cdc.gov\)](#)

^[ii] Kissler SM, Fauver JR, Mack C, et.al. Viral dynamics of SARS-CoV-2 variants in vaccinated and unvaccinated individuals. MedRxiv 2021.02.16.21251535; doi: <https://doi.org/10.1101/2021.02.16.21251535> 

^[iii] Exceptions when work restrictions may be considered are for fully vaccinated health care providers following high risk exposures. Information can be found in [Updated Healthcare Infection Prevention and Control Recommendations in Response to COVID-19 Vaccination](#).

^[iv] Vaccines administered in a manner inconsistent with regulatory approval or authorization issued by the relevant authority may result in loss of liability protection, violations of the CDC COVID-19 Vaccination Program provider agreement, and lack of access to compensation programs under U.S. law.

Last Updated Nov. 19, 2021