

# Safety and air travel

Travel confidently with the latest research



A recent study commissioned by the United States Transportation Command found that, in over 300 aerosol release tests repeatedly releasing 180 million particles simulating virus particle dispersion and penetration into 777-200s and 767-300s, a cabin-wide average of 99.99% of aerosol particles were filtered out on average in less than 6 minutes.

United States Transportation Command

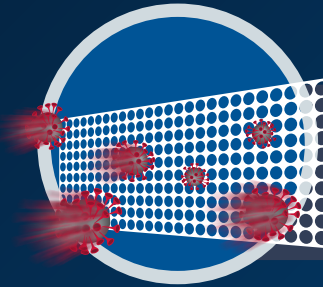


The risk of disease transmission during air travel is significantly lower than during normal daily life.

Boeing and University of Arizona

“Forward-facing seat configurations create a barrier to transmission similar to clear plastic barriers seen in many businesses today.”

Boeing and University of Arizona



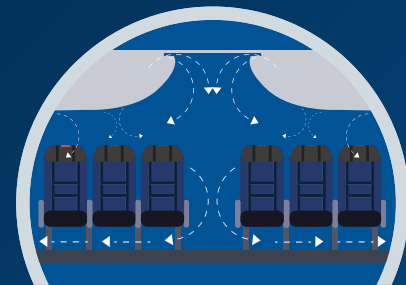
Airplanes exchange the entire volume of air 20-30 times per hour and have filters that can capture particles 10 times smaller than the COVID-19 virus.

Boeing, University of Arizona, NASA and the National Center for Biotechnology Information



Airports have an average of 6-10 air changes an hour, which is better than the typical 5 air exchanges per hour of the average building.

Boeing and University of Arizona



Modeling shows the airflow pattern, exchange rate, HEPA filtration, and forward-facing seats create conditions equivalent to 7 to 15 feet of social distancing, even for adjacent seats.

Boeing and University of Arizona



“Another report describes that a symptomatic patient and his pre-symptomatic wife, both of whom tested positive for COVID-19, traveled on a 15-hour international flight with 350 passengers. Both patients wore masks, and no other passengers subsequently tested positive for COVID-19.”

Harvard’s “Face Mask Use in Air Travel”



A recent modeling study estimates the universal use of surgical masks in settings with the ventilation rates of an aircraft may reduce infection risk from respiratory particles to less than 1%.

Harvard’s “Face Mask Use in Air Travel”

# Covid-19 Information for Travel

## American Airlines

### **Face coverings**

Face coverings are required for all team members and travelers in the airport – where your trip begins, where it ends and where you connect.

### **Enhanced cleaning**

Cleaning and sanitizing kiosks, ticket counters, passenger service counters and baggage service offices.

### **Hand sanitizing stations**

PURELL® Advanced Hand Sanitizer dispensers are available before security areas in select locations.

### **Ticket counters**

Agents are at alternating work stations and some kiosks are turned off to create more space.

### **Creating space**

Physical distancing is encouraged throughout the check-in and security areas.

### **Plexiglass shields**

Ticket counters have commercial-grade shields installed for added protection.

### **Touchless check-in**

Select U.S. travelers can scan their boarding pass at the kiosk to automatically print bag tags.

## **Travel Tips**

Your safety and well-being is our top priority. If you're traveling with us there are steps you can take to help prevent COVID-19 or other illnesses.

### **Don't travel if you're sick**

During check-in all travelers must confirm they've been free of COVID-19 symptoms for the past 14 days. Staying home is the best way to protect yourself and others from getting sick.

### **Eat before you leave**

Food and drink service is limited in the Main Cabin and based on flight length and destination, and some airport restaurants may be closed.

### **Carry your own hand sanitizer**

The TSA allows you to bring up to 12 ounces of hand sanitizer in your carry-on bag.

### **Bring a face covering**

It's required while flying on American, except for children under 2 years old. You're also required to wear one in the airport where your trip begins, where it ends and where you connect. A recent Harvard University study estimates the use of face coverings on board may reduce infection risks from respiratory particles to less than 1%.