
How To Get A Cold

THE BIOLOGY OF CATCHING A COLD: WHAT REALLY
How To Get A Cold Downloaded from <https://www.cambridge.org/core> by
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INTRODUCTION: THE IRONIC QUEST FOR UNDERSTANDING THE COMMON COLD

It might sound strange to search for **how to get a cold**. After all, most people spend winter months desperately trying to avoid the sniffles, sore throats, and congestion that come with the common cold. Yet the phrase “how to get a cold” is searched thousands of times each month. Some might be students hoping for a sick day, others might be hypochondriacs fascinated by transmission mechanics, and a few might simply be trying to understand why they keep catching colds despite their best efforts. Whatever your reason, this article will walk you through the biological, environmental, and behavioral factors that make you most susceptible to catching a cold. We will not encourage reckless behavior, but we will explain precisely how the rhinovirus and other cold-causing pathogens move from person to person. By the end, you will know the pathways of infection, the role of the immune system, and why some people seem to catch a cold at the drop of a hat.

HAPPENS

Before diving into specific actions that increase your risk, it helps to understand the tiny war happening inside your body. The **common cold** is usually caused by rhinoviruses, though coronaviruses, adenoviruses, and respiratory syncytial virus can also be culprits. These viruses need to enter your body through the mucous membranes of your nose, eyes, or mouth. Once inside, they hijack your cells to replicate, triggering an immune response that leads to inflammation, mucus production, coughing, and sneezing. In short, **how to get a cold** boils down to getting a sufficient dose of a viable virus onto your mucous membranes before your immune system can neutralize it.

Viral Load and Exposure Time

Not every encounter with a sick person leads to infection. The amount of virus you are exposed to — called the viral load — matters a great deal. Brief conversations across a room might result in a minimal viral dose. Sitting next to a coughing

passenger on a bus for three hours, however, can deliver a much larger dose. **Prolonged close contact** is a primary driver of transmission. If you want to understand **how to get a cold**, think about high-exposure environments: crowded indoor spaces where people are talking, coughing, and touching shared surfaces without washing hands.

ROUTE NUMBER ONE: DIRECT PERSON-TO-PERSON CONTACT

The most efficient way to become infected is through direct contact with someone who already has a cold. This doesn't require a hug or a handshake — though both help. When an infected person sneezes or coughs, droplets containing the virus can land on your face, particularly on your lips, nose, or eyes. Even talking generates a fine spray of particles that can travel several feet. If you stand within a meter of a contagious person for more than 15 minutes, your odds of contracting the virus increase dramatically. That is why **how to get a cold** is often linked to social gatherings, public transit, and family events during peak cold season.

The Role of Hand-to-Hand Contact

Handshakes are a notorious vector. An infected person who touches their runny nose and then shakes your hand transfers virus particles onto your skin. If you then rub your eyes or touch

the inside of your nose — which most people do dozens of times per day without realizing — the virus gains entry. Studies have shown that rhinoviruses can survive on human skin for up to two hours. So even a brief handshake can set off a chain reaction. To deliberately walk through the process of **how to get a cold**, one might skip handwashing after touching a contaminated surface and then touch their face multiple times. This is precisely what most people do inadvertently when they are tired or distracted.

ROUTE NUMBER TWO: CONTAMINATED SURFACES (FOMITES)

You do not need to touch an infected person directly. Viruses can survive on hard, non-porous surfaces like doorknobs, countertops, phones, keyboards, and light switches for hours. If you touch such a surface and then touch your face, the virus can be transferred. This is the classic “fomite” transmission route. To increase your risk, visit public places during cold season and touch common objects with bare hands. Follow that by avoiding hand sanitizer or soap for at least 30 minutes. Then rub your eyes or pick your nose. That sequence is a practical demonstration of **how to get a cold** through your environment.

Why Winter Increases Risk

Many people wonder why colds are more common in winter. Part of the reason is that we spend more time indoors in close quarters with others, recirculating dry air that helps viruses survive longer. Additionally, cold air can reduce blood flow to the

nasal passages, slightly weakening the immune response in that area. Dry nasal membranes also make it easier for viruses to attach. So if you want a textbook example of **how to get a cold**, spend a long day in a stuffy office with low humidity near coworkers who are already sniffing.

BEHAVIORAL FACTORS THAT INCREASE SUSCEPTIBILITY

Beyond exposure, your own habits and physical state can make you more vulnerable. Understanding these factors can help explain why some people always seem to be sick while others rarely catch a cold.

Sleep Deprivation

Your immune system works hardest while you sleep. Skimping on sleep — particularly getting less than six hours a night — has been shown to significantly increase the likelihood of catching a cold after virus exposure. In a famous study from Carnegie Mellon University, participants who slept fewer than seven hours were nearly three times more likely to develop a cold than those who slept eight hours or more. So if you are wondering **how to get a cold**, maintain a chronic sleep deficit. It will weaken your body's first line of defense.

Stress and Cortisol

Chronic stress elevates cortisol levels, which can suppress immune function. People under high psychological stress — whether from work, relationships, or financial worries — show higher rates of infection when exposed to the cold virus. The immune system's T-cells become less responsive. So adding stress to your daily routine is an effective way to open the door for a cold. Combine long work hours with poor sleep and frequent contact with sick colleagues, and you have a recipe for infection.

Poor Nutrition and Hydration

While no specific food can prevent a cold, nutritional deficiencies compromise your immune system. Diets low in vitamin C, zinc, and vitamin D are linked to weaker immunity. Dehydration also thickens mucus, making it harder for your body to trap and expel pathogens. So if you want to stack the deck in favor of a cold, eat processed foods, skip fruits and vegetables, and drink little water. This weakens your mucosal barriers and slows immune response.

ENVIRONMENTAL SETTINGS THAT PROMOTE TRANSMISSION

Not all locations are equally risky. Certain environments are hot zones for virus spread. To learn **how to get a cold**, identify

these high-risk settings and spend more time there during peak respiratory illness season.

- **Public Transportation:** Subways, buses, and airplanes are confined spaces with poor ventilation and high passenger turnover. The combination of recirculated air, hard surfaces, and close seating makes them prime for transmission.
- **Schools and Daycares:** Children are notorious for poor hand hygiene and for sharing germs. If you are an adult, spending time around young children — especially those with runny noses — puts you at high risk.
- **Gyms and Fitness Centers:** Heavy breathing, shared equipment, and warm, humid environments can keep viruses alive and facilitate spread.
- **Bars and Restaurants:** People talk loudly, share utensils, and touch glasses. The alcohol consumption may also temporarily suppress immune function.
- **Medical Waiting Rooms:** Ironically, hospitals and clinics can be breeding grounds for viruses. Sitting in a crowded waiting room for an hour could expose you to multiple respiratory pathogens.

Seasonal Timing

Cold season typically peaks in late autumn and winter in temperate climates. The exact timing varies, but generally, September through April is the danger zone. If you are actively trying to understand **how to get a cold**, ignore seasonal

patterns and spend lots of time in enclosed spaces with strangers during these months.

MISCONCEPTIONS ABOUT GETTING A COLD

Many old wives' tales about catching colds are misleading. For example, going outside with wet hair or sitting in a draft does not directly cause a cold. Only exposure to the virus can. However, these activities might slightly lower your nasal temperature, which could theoretically help a virus already present to replicate faster. They are not a reliable way to get sick on their own. Similarly, cold weather alone does not cause a cold — you need the virus. But you can combine chilly conditions with close contact to create a perfect storm.

The Myth of “Chilling” the Body

Research does show that chilling the nasal passages can reduce local immune activity. One study from Yale found that when nasal cells were cooled to 33°C (91.4°F), the immune response to rhinovirus was weaker. So if you want to understand **how to get a cold** more efficiently, you might lower your body temperature slightly by dressing lightly in cold weather while in close proximity to sneezing individuals. But again, the virus itself is essential.

OTHERS

While this article explains the mechanisms of transmission, it is important to note that deliberately spreading illness is unethical and harmful. The information provided here is for educational purposes only — to help you understand how the common cold spreads so you can make informed choices about prevention. Instead of trying to get sick, consider using this knowledge to avoid infection. However, if you are simply curious about the chain of events that leads to a cold, you now have a complete picture: close contact, high viral load, unprotected mucosal entry, weakened immune status, and contaminated surfaces.

CONCLUSION: KNOWLEDGE IS PREVENTION

HOW TO INCREASE YOUR RISK WITHOUT HARMING

Increasing how to get a cold is the first step in learning how to avoid one. The same mechanisms that allow the cold virus to infect you — close contact, surface contamination, immune suppression — can be blocked with simple habits: frequent handwashing, not touching your face, getting enough sleep, managing stress, eating well, and avoiding crowded indoor spaces during outbreaks. The common cold is not inevitable. By knowing the enemy's pathways, you can fortify your defenses. So read this article not as a guide to illness, but as a blueprint for staying healthy. And the next time someone asks you **how to get a cold**, you can confidently explain that it takes a combination of exposure, vulnerability, and opportunity — and then tell them how to avoid it.