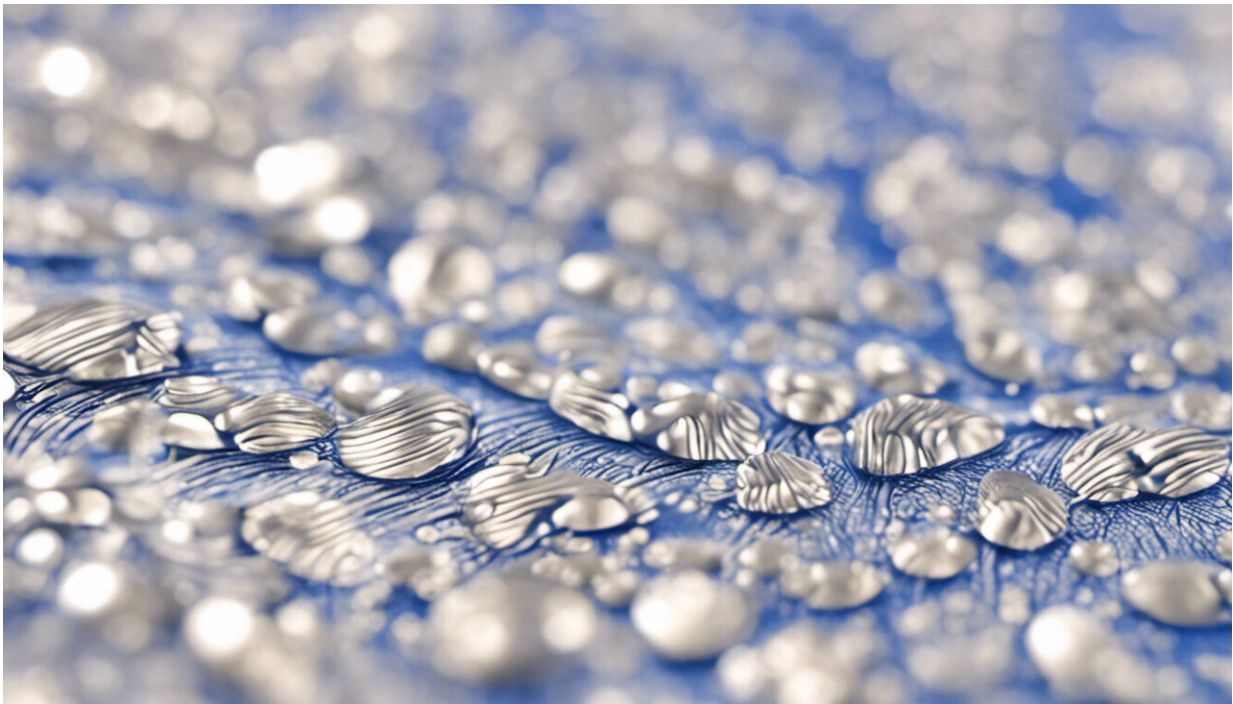


# From STIs to malaria, here are six disease trends we should heed during the pandemic

August 17 2020, by Stuart Ralph, Jacqueline Coombe

---



Credit: AI-generated image ([disclaimer](#))

The number of [COVID-19 deaths](#) globally—more than 750,000—is now greater than the amount of people who [succumb to malaria](#) most years.

Meanwhile, [national statistics](#) show lockdown restrictions in Australia have potentially helped [reduce the number of flu cases](#).

So while the pandemic continues to have a huge impact on global [health](#), here are some of the known and likely impacts the virus is having on six other major health challenges.

The results might surprise you.

## 1. Sexually transmitted infections

Some dating apps such as Tinder and Bumble report an increase in online activity, but is this translating to an increase of meet-ups for sexual activity despite the lockdown?

Researchers from the University of Melbourne are investigating these and other questions in a [survey](#) examining the sexual and reproductive health impacts of COVID-19.

Although this research is ongoing, preliminary analysis suggests a decline in sexual activity among those without cohabitating partners during lockdown, and an increase in solo sex activities such as masturbation and using sex toys.

Adult stores have also [reported](#) a jump in sales during the lockdown.

While early reports suggest a [possible decline in STIs](#) during the lockdown period, with the resumption of normal life across most of Australia, it's unclear if this trend will continue.

## 2. Respiratory infections

Each year the flu kills [2,000-3,000 Australians](#). The measures people are taking to limit COVID-19, such as increased physical distancing, good hand hygiene and face masks, are already having a clear benefit on

limiting flu spread.

Deaths from flu in the first half of 2020 were down to [just 36](#), compared with 430 in the same period last year.

While we might expect similar reductions in other respiratory infections, the World Health Organization has [major concerns](#) about tuberculosis (TB). Well over a million people worldwide die each year from TB, and extensive [detection and tracing programs](#) are key to reducing deaths.

These TB control programs have already been impacted by the pandemic and the WHO predicts an [extra 1.4 million people could die](#) as a result over the next five years.

### **3. Insect-borne diseases**

Staying home should stop you inhaling someone else's cough or sneeze, but it probably won't stop you being bitten by a mosquito.

[More than 700,000 people die each year](#) from diseases spread by biting insects, such as malaria, dengue, sleeping sickness and yellow fever.

There are [already signs](#) dengue cases are growing in Southeast Asia in the wake of reduced control measures brought by COVID-19.

Monash University's Scott O'Neill, director of the World Mosquito Program and dengue expert, predicts we're facing a perfect storm in which fragile health systems [manage outbreaks of two diseases at once](#).

In the case of malaria, the WHO estimates deaths in many parts of the world [could double this year](#), killing hundreds of thousands more people if insecticide-treated net campaigns are interrupted because of COVID-19.

## 4. Non-communicable diseases

In wealthy countries such as Australia, [non-communicable diseases](#) such as cancer, heart disease and stroke are some of the main [causes of death](#) and disability. Death from some of these can be reduced by appropriate screening and primary healthcare interventions.

If people delay going to their doctor to monitor blood pressure or put off routine cancer testing (and [reports](#) so far suggest this is happening), we will inevitably see more illness and deaths from these causes.

Cancer Australia has launched a campaign, [Cancer Won't Wait](#), to remind people to continue to participate in national screening campaigns for breast, cervical and bowel cancers and not to put off seeking medical attention for danger signs of cancer.

In countries that have relatively good control of COVID-19, increases in these non-communicable diseases are likely to far exceed the deaths directly caused by COVID-19.

## 5. Alcohol and substance abuse

If [social media posts](#) are anything to go by, people could be drinking more frequently and in higher volume than normal during the pandemic.

According to a [poll](#) commissioned by the Foundation for Alcohol Research and Education, one in five Australian households are buying more alcohol than normal during the pandemic.

Alcohol contributed to [more than 1,000 deaths](#) in Australia in 2017 alone, and heavier drinking during the pandemic would exacerbate this pattern.

Experts also worry about possible [longer-term behavioral changes](#) in drinking at home.

The health impacts of abuse of other substances such as heroin or cocaine during the pandemic remains contentious. Limits on transport and movement are already impacting both the [trafficking and use of illicit drugs](#), but users might replace scarce drugs with other equally hazardous substances.

## 6. Mental health

Mental health disorders have some of the heaviest global health burdens of any type of illness. The social, economic and health impacts of COVID-19 will have huge consequences for [mental health](#) for many around the world.

Mental health support services [have already reported](#) a surge in calls, while hospitals have seen an increase in [presentations of young people after self harm](#). Australia has launched a [National Mental Health and Wellbeing Pandemic Response Plan](#) backed by an initial A\$48.1 million.

The Victorian government announced an [additional A\\$60 million](#) for mental health services but much more will likely be needed to avert a crisis in this area.

## What's the verdict?

Although some infectious diseases that are normally spread directly from person to person are already reducing their transmission because of our response to COVID-19, many other diseases will get much worse during and after the pandemic.

Although we can't ease up our efforts to control the spread of COVID-19, taking our eye off other ongoing illnesses will mean even worse health and economic outcomes. It's crucial to maintain our focus on prevention, control and elimination for the many other health challenges that impact Australia, and the world.

This article is republished from [The Conversation](#) under a Creative Commons license. Read the [original article](#).

Provided by The Conversation

Citation: From STIs to malaria, here are six disease trends we should heed during the pandemic (2020, August 17) retrieved 26 April 2024 from <https://medicalxpress.com/news/2020-08-stis-malaria-disease-trends-heed.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.