



CURRENT NEWS ON ECOLOGICAL WELLNESS AND GLOBAL HEALTH

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<https://planetaryhealthweekly.com>

June 17, 2021

Hi,

I just find it so baffling that we, both Canadians and others in the Western World, are now in a serious confrontational stance against China. I believe this to be dangerous and ill-informed. As a Canadian I am certainly upset and totally against how China detained two Canadians about 18 months ago, jailed and treated them deplorably...all in retaliation for the arrest of a senior Chinese business executive at the behest of the US government. While this executive, with high government connections, has been living ever since in her luxury Vancouver home under house arrest, our Canadians have been subjected to horrible, degrading and damaging incarceration. What seems to be ticking off other countries, though, is China's success - economically, technologically, scientifically and socially – and its new found role as global leader. I also detect a tinge of jealousy and outright competition now that China is extending its influence around the world. I find this growing antagonism and rhetoric directed against China unwarranted. If we're so great what are we worried about? We should be working together and building bridges not trenches.

That China is now a global leader is not something that couldn't have been predicted, by even this writer, an academic who has been working in China with many great Chinese colleagues for about 20 years for health system development and educational exchanges. I taught two global health courses with Canadian and Chinese students and professors during 2014-15 at one of China's great universities in Shanghai, Fudan University. I also worked with other universities in Beijing, Kunming, Anhui and Baotou as a collaborator from two great Canadian universities (Toronto and Alberta) lending a hand in health system strengthening. We worked in areas of family medicine, primary health care and health services management, complete with many Chinese scholars and health officials coming to Canada to learn from us. This gave me a knowledge and appreciation not only for all those I came in contact with but also for their country and system which has raised a billion people out of poverty

and improved health status to amazing heights. The 30+ million people of Shanghai enjoy health status statistics better than ours in Canada.

This confrontation and growing antagonism, along with Covid-19, has brought such cooperation almost to a complete standstill. I feel a huge loss, but I also feel cheated out of my belief that all the effort I and many other Canadian colleagues expended would bring about, not only health improvements for China, Canada and others, but also peace and friendship between our two countries. Such is global health.

While I'm hopeful such collaborations will resume soon, I am uncertain and worried. Geopolitics may deem otherwise, but I will not give up. I still have many great friends and colleagues in China and hopefully such animosity will soon ease, and we can regroup and continue learning and collaborating to further the goal of health for all.

Today, in the **Planetary Health Weekly** (#24 of the year) we bring you many learnings too. In it you'll read about:

- 20 firms produce 55% of world's plastic waste,
- Coronavirus Updates:
 - Share vaccines or climate deal will fail – rich countries are told,
 - Six months of Covid vaccines: what 1.7 billion doses have taught scientists,
 - Global Covid-19 research agenda still missing the priorities of low- and middle-income countries,
 - Covid outbreak at child's school causes fear of complacency,
 - Tech workers who flocked to Taiwan's Covid-free haven are now fleeing,
 - Paid vaccines are a sign that the Modi government has relinquished the duties of a welfare state,
 - The real reason the mainstream media isn't covering your protest,
 - Uncertainty and the 'lab leak' theory,
 - For physically disabled parents Covid's trials are amplified, and
 - Hospitals overwhelmed as Delta variant fuels increase in Covid around the world, THEN
- Vast under-treatment of diabetes seen in global study: Only 1 in 10 people with diabetes in low- and middle-income countries is getting evidence-based, low cost comprehensive care,
- Forest elephants – vanishing ghosts,
- Scientists spar about what's causing cancel in Ontario towns,
- 'The damage is total': fire destroys historic South African library and plant collection,
- Beacons of Hope – transforming food systems,
- Can redesigning aeroplanes save the planet?
- The WHO is acting like it wants to be defunded,
- Count the cost of disability caused by Covid-19,

- Justice advocate Cindy Blackstock gears up for latest federal court fight to end 'human rights tragedy' against First Nations kids,
- Quote about the end of coal, oil and gas companies,
- The psychology of misinformation (3 part series and more),
- Global risk assessment of 2021 and beyond (including infographics),
- What to do if you get sick while travelling,
- 26 native plants that will attract pollinators to your garden,
- New book: Finding the Mother Tree: Discovering the Wisdom of the Forest,
- Global Learning Survey results, and
- ENDSHOTS of a wild lakeside front yard garden amid Covid-19 stats and charts from Canada and around the world.

Always lots to read.

Best, david

David Zakus, Editor and Publisher



Whitefish Lake, Ontario
June 12, 2021



In solidarity with our Muslim neighbours at this difficult time
Poster by Laura Soutar-Hasulo

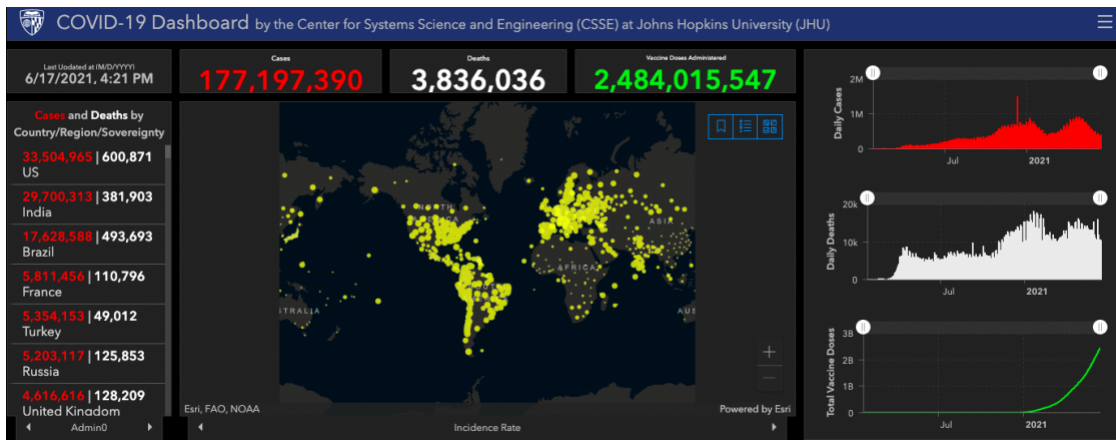
20 Firms Produce 55% of World's Plastic Waste



A woman collects recyclable plastics washed up on the beach in Bali, Indonesia. Credit: Agung Parameswara/Getty Images

Twenty companies are responsible for producing more than half of all the single-use plastic waste in the world, fuelling the climate crisis and creating an environmental catastrophe, new research reveals. Among the global businesses responsible for 55% of the world's plastic packaging waste are both state-owned and multinational corporations, including oil [and gas giants](#) and chemical companies, according to a comprehensive new analysis. Read more at [the Guardian](#).

SARS-CoV-2 & COVID-19 UPDATES



Source: <https://coronavirus.jhu.edu/ma...>

Globally, the pandemic still rages in parts of the world, especially in South America, though some good news continues. Over the last week there were about 2.5 million new cases of Covid-19 (down about 9%) and 70,000 deaths (down slightly); and 242 million people received a vaccine, which is great but still a long way to go.

(See also ENDSHOTS at the end of this newsletter for various COVID-19 charts and stats from Canada and around the world.)

"It is the plague in seemingly all sincerity." Bob Woodward

Share Vaccines or Climate Deal Will Fail, Rich Countries are Told



Credit: Boris Johnson holds a bottle of the Pfizer BioNTech vaccine as he visits a Covid-19 vaccination centre in Batley, West Yorkshire, on 1 February. Photograph: Reuters

Progress on climate change could be scuppered by developing nations if they are not given equitable access to vaccines, [Boris Johnson](#) has been warned, as rich nations come under new pressure to donate more doses. Figures compiled by the *Observer* show that the wealthiest nations, including the UK, have enough vaccines to inoculate their populations more than twice over.

Before a three-day G7 summit that began [in Cornwall last Friday](#), a growing number of influential figures believe failure to agree a vaccination plan for poorer countries could lead to them refusing, or being unable, to work with rich countries in the battle against the climate crisis. Read more at [the Guardian](#).

READ MORE COVID-19 STORIES:

At Nature: [Six Months of COVID Vaccines: What 1.7 Billion Doses Have Taught Scientists](#)

At Nature: [Six Months of COVID Vaccines: What 1.7 Billion Doses Have Taught Scientists](#)

At Ukcdr: [Global COVID-19 Research Agenda Still Missing the Priorities of Low- and Middle-income Countries](#)

At the Guardian: [Covid Outbreak at My Children's School Makes Me Fear We're Complacent](#)

At QZ: [Tech Workers Who Flocked to Taiwan's Covid-free Haven are Now Fleeing](#)

At QZ: [Paid Vaccines Are a Sign That the Modi Government has Relinquished the Duties of a Welfare State](#)

At CAPX: [The Real Reason the Mainstream Media Isn't Covering Your Protest](#)

At ApplePodcasts: [Uncertainty and the 'Lab Leak' Theory](#)

At Undark: [For Physically Disabled Parents, Covid's Trials Are Amplified](#)

At Telegraph: [Hospitals Overwhelmed as Delta Variant Fuels Increase in Covid Around the World](#)

Vast Under-treatment of Diabetes Seen in Global Study: Only 1 in 10 People With Diabetes in Low- and Middle-income Countries is Getting Evidence-based, Low-cost Comprehensive Care



Credit: Getty Images

Nearly half a billion people have diabetes, but most aren't getting the kind of care that could make their lives healthier, longer and more productive, according to a new global study of data from people with the condition. Many don't even know they have the condition. Only 1 in 10 people with diabetes in the 55 low- and middle-income countries studied receive the type of comprehensive care that's been proven to reduce diabetes-related problems. Read more at [Science Daily](#).

Forest Elephants – Vanishing Ghosts



The forests of West and Central Africa are vibrant, impenetrable worlds of their own: breathing ecosystems bursting with life at every turn yet defined by a pervasive sense of mystery. Enfolded by towering trunks, creeping vines and lush ferns, the forests' enigmatic creatures flutter through the canopies and wander ancient paths in an increasingly dangerous world at the mercy of human impact. Their largest residents, African forest elephants, are close to the brink of disappearing entirely. Read more at [The Star](#).

Scientists Spar about What's Causing Cancer in Ontario Towns



Credit: Trevor Owens from Global New

The top medical officer in Lambton County, a region surrounded by petrochemical plants, engaged in an animated online debate on Friday with authors of a recent peer-reviewed study that revealed elevated rates of a type of leukemia in several industrial Ontario towns.

The study [was published](#) several months ago and largely went unnoticed by public officials until it came to light in a [May 28 report](#) by *Global News* and *National Observer*. The research showed elevated rates of acute myeloid leukemia (AML) in Canadian border towns, including Sarnia, Ont., a city whose petrochemical manufacturing sector is referred to as Canada's Chemical Valley.

Overall, the data indicated Sarnia had about 1.5 times more cases of AML than the national average, but the frequency of cases was even higher on the north side of the city and in a neighbouring village. Read more at [National Observer](#)

‘The Damage is Total’: Fire Ripped Through Historic South African Library and Plant Collection



Credit: Justin Sullivan/ Getty images

Forest fires raging in South Africa's Table Mountain National Park have reached the University of Cape Town (UCT), and gutted the reading room of its main library, which houses irreplaceable documents and records from the country's past. Amid apocalyptic scenes on 18 April, fire tore through part of the 200-year-old university's campus on the slopes of Table Mountain, torching the library building and destroying a plant research unit. Table Mountain, on the continent's southwestern tip, often has fires in summer and autumn, but the university has been spared catastrophic damage in previous wildfires. The immediate cause of the wildfires is unknown.

The library complex houses UCT's special collections, which hold irreplaceable artefacts, including annotated watercolours of plants and animals dated from 1881, painted by Indigenous inhabitants of the Cape. It also holds maps, manuscripts and government records from the Cape's mottled past — including its colonial and military history. Automated shutters that had been installed to protect the library's rarest items were activated by the fire, but it is not yet known whether they succeeded in stopping its spread from the reading room to the special collections nearby.

The university's botany building was also seriously damaged. In the Plant Conservation Unit, where researchers track changes in climate by studying fossilized pollen and comparing historical photos with present-day images, the "damage is total". Read more at [Nature](https://www.nature.com/news/forest-fires-in-south-africa-reach-uct-library).

GOOD NEWS

Beacons of Hope – Transforming Food Systems



Credit: FAO via The Oakland Institute

Beacons of Hope show us how food systems can be transformed to address critical global issues such as climate change, migration, urbanization, the need for healthier and sustainable diets, and more. They are evidence that food systems transformation is possible and that it must be accelerated.

The Beacons of Hope network showcases people and organizations around the world who are addressing food systems challenges in creative ways. They show us how to push back against the status quo, dominant business models, and established policies and regulations. As case studies, they are proof that the transformation we collectively seek as a global community is possible.

These stories of inspiration point to how initiatives – such as regenerating landscapes, enhancing livelihoods, restoring people's health and wellbeing, and reconnecting with Indigenous and cultural knowledge – can help us achieve sustainable, equitable, and secure food systems. Read more at [Global Alliance for the Future of Food](https://www.oaklandinstitute.org/global-alliance-for-the-future-of-food/)

MORE GOOD NEWS

Can Redesigning Aeroplanes Save the Planet?



Credit: Ben Lister

Can we make air travel more sustainable and environmentally friendly? It's a race against time to decarbonise aviation – engineers, scientists and aerospace companies are all working on solutions to bring down emissions generated by aircraft. Explore some of the radical solutions being developed in the UK to address these urgent issues that could make air travel more sustainable and environmentally friendly. **See a 4 minute video [at BBC Reel](#)**

OPINION

The WHO is Acting Like it Wants to be Defunded – So What Are We Waiting For?



Credit: Salvatore Di Nolfi/EPA-EFE/Shutterstock

If the World Health Organization wanted to prove beyond doubt that it is no longer fit for purpose, it couldn't have done a better job than to make the announcements it has made this week.

On May 31, the WHO celebrated World No Tobacco Day by giving its Special Director-General Award to India's Health Minister, Dr Harsh Vardhan. What life-saving work has Dr Vardhan done to merit such a prestigious gong? One thing stood out, as WHO boss Dr Tedros Adhanom Ghebreyesus [explained on Twitter](#): 'His leadership was instrumental in the 2019 national legislation to ban E-cigarettes & heated tobacco products. Thank you, Minister!'.

India has 120 million smokers. Thanks to Dr Vardhan, they no longer have the option of switching to a vastly safer substitute. The main beneficiary of the ban on e-cigarettes has been the India Tobacco Company, which is part owned by the Indian government. This should merit international condemnation. Instead, the WHO has slapped the Indian government on the back.

India is by no means the worst country to be honoured by the WHO. A few days earlier, the WHO gave Syria a seat on its executive board. Lest we forget, the Assad regime has been responsible for bombing hundreds of hospitals and has tortured, murdered and imprisoned hundreds of thousands of people during what the WHO [coyly describes](#) as a "protracted political and socio-economic crisis".

Belarus was also quietly appointed to the WHO's executive board at the weekend despite recently forcing a Ryanair plane to land in Minsk to facilitate the capture, arrest and likely torture of a political dissident. Read more at [CAPX](#).

SPOTLIGHT ON POLICY

Count the Cost of Disability Caused by COVID-19



Credit: A person

receiving dialysis. COVID-19 can leave people with lasting damage to their kidneys, among many other organs. Credit: Grant Hindsley/New York Times/Redux/eyevine

The COVID-19 pandemic is well into its second year, but countries are only beginning to grapple with the lasting health crisis. In March, a UK consortium reported that 1 in 5 people who were hospitalized with the disease had a new disability after discharge. A large US study found similar effects for both hospitalized and non-hospitalized people. Among adults who were not hospitalized, 1 in 10 have ongoing symptoms 12 weeks after a positive test. Treatment services for the long-term consequences of COVID-19 are already having to be absorbed into health and care systems urgently. Tackling this requires a much clearer picture of the burden of the disease than currently exists. Read more at [Nature](https://www.nature.com/articles/d41586-021-00444-4).

SPOTLIGHT ON INDIGENOUS WELLNESS

Indigenous Justice Advocate Blackstock Gears Up for Latest Federal Court Fight to End 'Human Rights Tragedy' Against First Nations Kids



Spirit Bear has joined Cindy Blackstock at the tribunal since the hearing began in 2013. Credit: APTN

Cindy Blackstock and her intrepid ally Spirit Bear are prepping for yet another battle in their bid to stop the Canadian government from racially discriminating against First Nations children. The pair haven't lost a single round in their 14-year legal war of attrition with Ottawa—and they don't plan on starting now.

"What we know from the government is that they try to use legal technicalities to try and get out of their obligations towards children," said Blackstock, executive director of the First Nations Child and Family Caring Society. "I don't think they're going to win," she added. "They've lost every single legal hearing except for one, and that was overturned on appeal. So the kids and the bears are winning the case so far." Read more [at APTN News](#)



Protesters have argued that you shouldn't try to profit off the end of the world. New analysis shows that, in any event, you won't. Credit: David Grossman/Alamy

Quote Of The Week

In a few months, a small British financial think tank will mark the tenth anniversary of the publication of a landmark [research report](#) that helped launch the global fossil-fuel-divestment movement. As that celebration takes place, another seminal [report](#)—this one obtained under the Freedom of Information Act from the world's largest investment house—closes the loop on one of the key arguments of that decade-long fight. It definitively shows that the firms that joined that divestment effort have profited not only morally but also financially.

But Tom Sanzillo—the Institute for Energy Economics and Financial Analysis (IEEFA) director of financial analysis, and a former New York State first deputy comptroller who oversaw a hundred-and-fifty-billion-dollar pension fund—said in an interview that BlackRock's findings were clear.

"Any investment fund looking to protect itself against losses from coal, oil, and gas companies now has the largest investment house in the world showing them why, how, and when to protect themselves, the economy, and the planet."

In short, the financial debate about divestment is as settled as the ethical one—you shouldn't try to profit off the end of the world and, in any event, you won't. Read more from Bill McKibben at [the New Yorker](#)

From New Yorker

Upcoming Events

- June 7-9, 2021: [Executive Course: Global Health Diplomacy](#) (Dalla Lana School of Public Health, University of Toronto, Canada)
- June 29-30, 2021: [Telemedicine International Summit on Innovation & Technology](#)
- September 16-18, 2021: [North American Refugee Health Conference \(NARHC\)](#) (Faculty of Medicine, University of Toronto). This year's conference will be offered completely online.
- September 27 - October 1, 2021: [12th European Congress On Tropical Medicine And International Health: Global Challenges In Health, Migration And Equity](#)
- Sept. 29 – Oct. 1, 2021: [Net Zero Festival by Business Green \(London and Online\)](#)
- October 6-8, 2021: [Public Health 2021: Annual conference of the CPHA](#)
- November 1-12, 2021: [2020/2021 UN Climate Change Conference](#) UNFCCC COP26 - Postponed in 2020 and now to be held November, 2021 (Glasgow, Scotland).
- November 11, 2021: [Evidenced Based Research Being Carried Out in Low and Middle Income Countries](#) ADAPT will host their second online conference by Physios in Global Health.

FYI#1 SPOTLIGHT ON MEDIA

The Psychology of Misinformation (3 Part Podcast Series)



Credit: Forst Draft News

The psychology of misinformation — the mental shortcuts, confusions, and illusions that encourage us to believe things that aren't true — can tell us a lot about how to prevent its harmful effects. It's what affects whether corrections work, what we should teach in media literacy courses, and why we're vulnerable to misinformation in the first place. It's also a fascinating insight into the human brain.

Read the 3-part series, Watch a webinar and See much more at First Draft News

FYI #2

A Global Risk Assessment of 2021 and Beyond

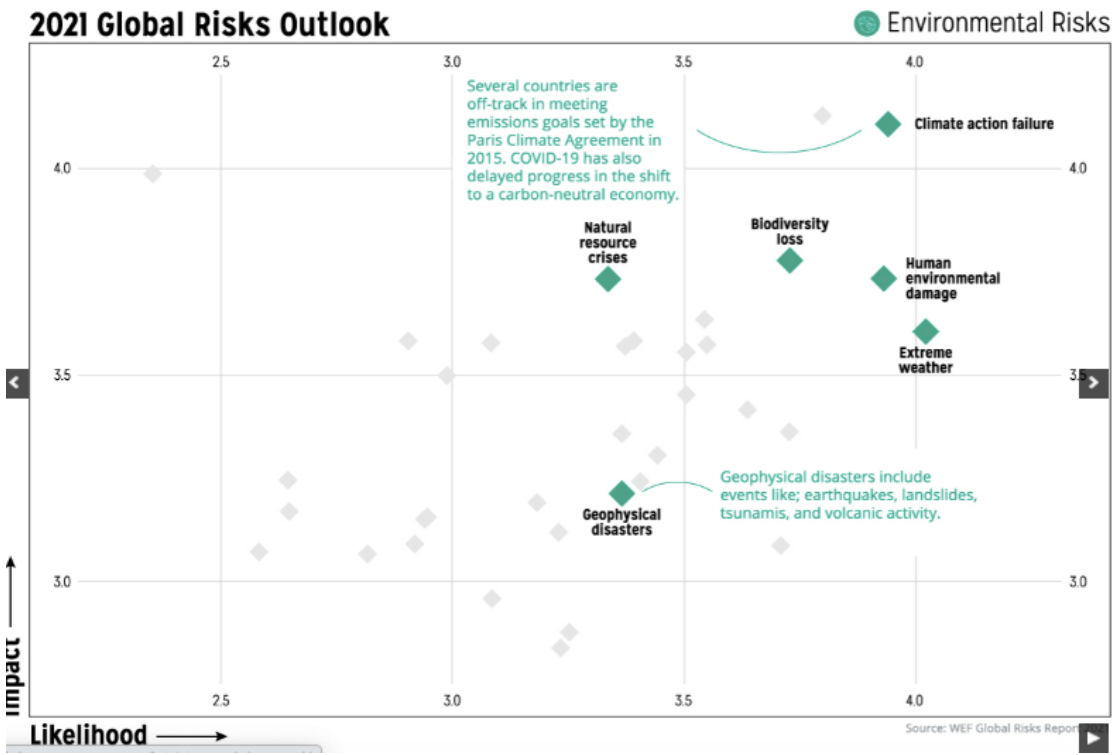
Rank	Top Risks by Likelihood	Top Risks by Impact
#1	● Extreme weather	● Infectious diseases
#2	● Climate action failure	● Climate action failure
#3	● Human environmental damage	● Weapons of mass destruction
#4	● Infectious diseases	● Biodiversity loss
#5	● Biodiversity loss	● Natural resource crises
#6	● Digital power concentration	● Human environmental damage
#7	● Digital inequality	● Livelihood crises
#8	● Interstate relations fracture	● Extreme weather
#9	● Cybersecurity failure	● Debt crises
#10	● Livelihood crises	● IT Infrastructure breakdown

Credit: Visual Capitalist/WEF Global Risks Report

Risk is all around us. After the events of 2020, it's not surprising that the level and variety of risks we face have become more pronounced than ever. Every year, the [World Economic Forum](#) analyzes the top risks in the world in its Global Risks Report. Risks were identified based on 800+ responses of surveyed leaders across various levels of expertise, organizations and regional distribution.

COVID-19 has resulted in a myriad of knock-on societal risks, from **youth disillusionment** and **mental health deterioration** to livelihood crises. The first two risks in particular go hand-in-hand, as "pandemics" (youth aged 15-24) are staring down a turbulent future. This generation is more likely to report [high distress](#) from disrupted educational and economic prospects.

See Several Infographics (like below) and Read More at Visual Capitalist



FYI #3

What to Do If You Get Sick While Traveling



Credit: Getty Images

Before the pandemic, you may have seen extra-cautious travelers disinfecting their airplane seat and surrounding area for a bit of extra protection, but it wasn't the norm. These days, it seems strange if you don't do these things. My, how times have changed. For those who are traveling for the first time in a long time, which is most of us, here are some tips for before and during your getaway to help if you get sick while traveling.

Watch at Marriott

FYI #4

26 Native Plants That Will Attract Pollinators to Your Garden



There are thousands of plants that are native to Canada, and many are suitable for

cultivation in a home garden. In addition to their beautiful flowers, fascinating structures and low maintenance habits, native plants also support over 1000 species of pollinators.

Canada is home to a wealth of butterflies (302 species), moths (~5,000 species), and bees (800 species). Many wasp, fly and beetle species also provide pollination services. Most subsist on pollen and nectar as adults—and require specific plants to feed and shelter them as eggs and larvae. Some of these larvae, such as those of hoverflies, serve as important controls on pest insects.

[Read More at Cottage Life](#)

FYI #5: JUNE READING

FINDING THE MOTHER TREE: DISCOVERING THE WISDOM OF THE FOREST



FINDING THE MOTHER TREE

Discovering the
Wisdom of the Forest

SUZANNE SIMARD

Credit: Book Cover

A world-leading expert shares her amazing story of discovering the communication that exists between trees, and shares her own story of family

and grief.

Suzanne Simard is a pioneer on the frontier of plant communication and intelligence; she's been compared to Rachel Carson, hailed as a scientist who conveys complex, technical ideas in a way that is dazzling and profound. Her work has influenced filmmakers (the Tree of Souls in James Cameron's *Avatar*), and her TED talks have been viewed by more than 10 million people worldwide.

Now, in her first book, Simard brings us into her world, the intimate world of the trees, in which she brilliantly illuminates the fascinating and vital truths—that trees are not simply the source of timber or pulp but are a complicated, interdependent circle of life; that forests are social, cooperative creatures connected through underground networks by which trees communicate their vitality and vulnerabilities with communal lives not that different from our own.

Simard describes up close—in revealing and accessible ways—how trees, living side by side for hundreds of years, have evolved; how they perceive one another, learn and adapt their behaviors, recognize neighbors, and remember the past; how they have agency about their future; how they elicit warnings and mount defenses, compete and cooperate with one another with sophistication: characteristics previously ascribed to human intelligence, traits that are the essence of civil societies. And, at the center of it all, the Mother Trees: the mysterious, powerful forces that connect and sustain the others that surround them.

[Read more on Chapters/Indigo](#)

FYI#6: SPOTLIGHT ON EDUCATION

Global Learner Survey



Credit: Pearson

How a pandemic is forging a stronger generation of young people. The COVID-19 pandemic quickly and dramatically altered our world. As people begin to emerge from the COVID-era, learning and personal growth have been an unexpected silver lining on these dark days.

2020 is the year in which the world will measure itself in terms of “life before COVID-19 and life after”. It’s the lens through which people in the Global Learner Survey are viewing their lives and their experience with education. The consensus from learners: the world of education and work has forever changed in profound ways.

We asked 6,000 college students and parents of school age children in four countries how young people think about themselves, their careers and their communities. The results show how much people are learning from one of the hardest lessons the modern world has faced.

Key trends around the world

1. Nearly three out of four people agree that the pandemic has caused individuals to be more caring and understanding towards one another
2. 83% of parents say their child is more aware of the hardships faced by others
3. 90% of people worldwide now believe that internet access is a basic human right
4. More than three-quarters of parents (77%) and 8 in 10 college students (80%) are optimistic that the pandemic has made this generation more resilient
5. Two-thirds of college students say they’ve grown as a person. Parents see the same in their school aged children, with 64% saying their kids have grown or

changed for the better

- Top New Skills for Kids: adaptability, digital skills, concern for others
- Top New Skills for College Students: self-motivation, adaptability and emotional resiliency

[Read More at Pearson](#)

ENDSHOTS

NATURE'S FRONT YARD GARDEN

WHITEFISH LAKE, ONTARIO

JUNE 12, 2021

Amid Latest World and Canadian COVID-19 Stats & Charts



COVID-19 CORONAVIRUS PANDEMIC

Last updated: June 17, 2021, 13:57 GMT

[Weekly Trends](#) - [Graphs](#) - [Countries](#) - [News](#)

Coronavirus Cases:

177,898,338

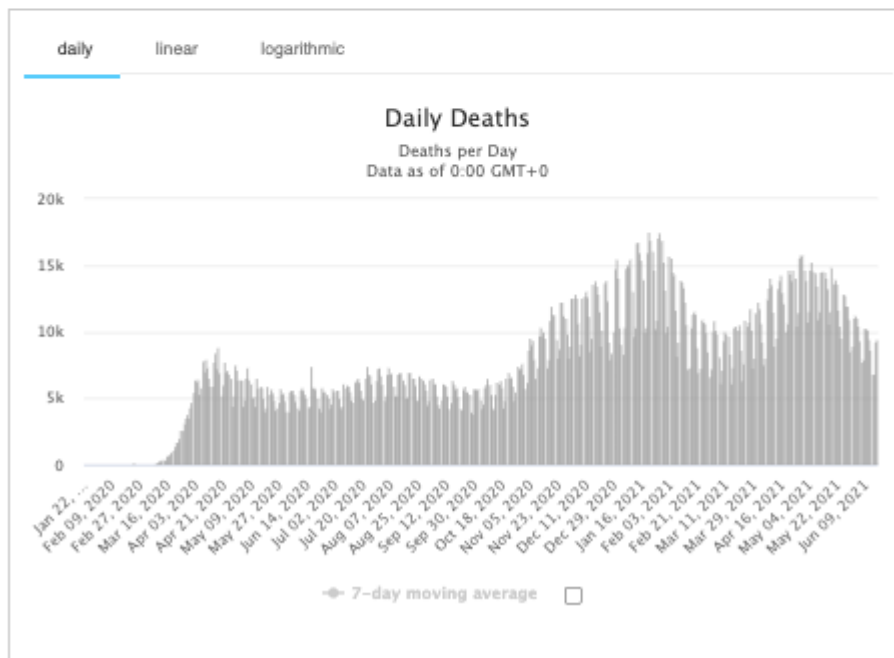
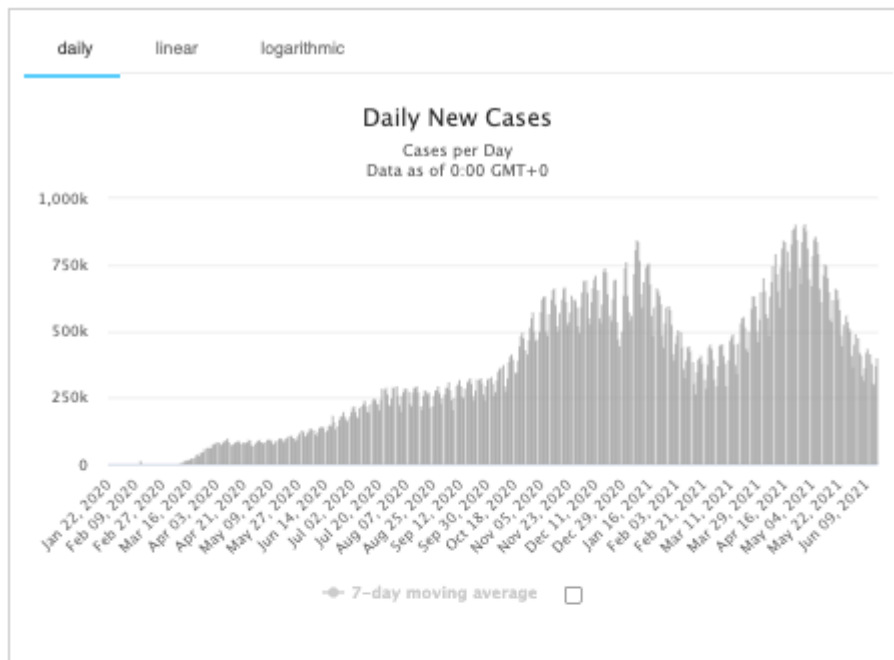
[view by country](#)

Deaths:

3,850,720

Recovered:

162,408,146



Source: <https://www.worldometers.info/coronavirus/>

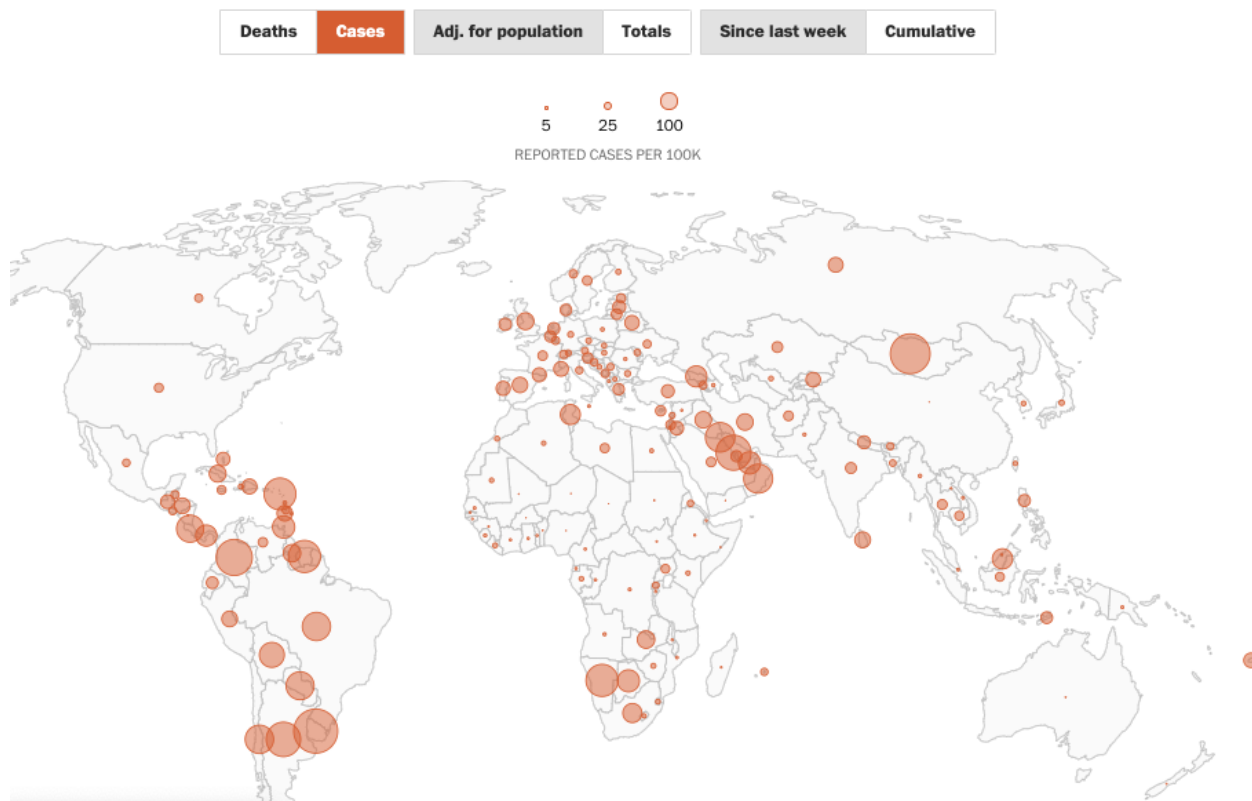


COVID-19 CASES & DEATHS (June 17, 2021), as follows... Source:
https://www.washingtonpost.com/graphics/2020/world/mapping-spread-new-coronavirus/?itid=sf_coronavirus

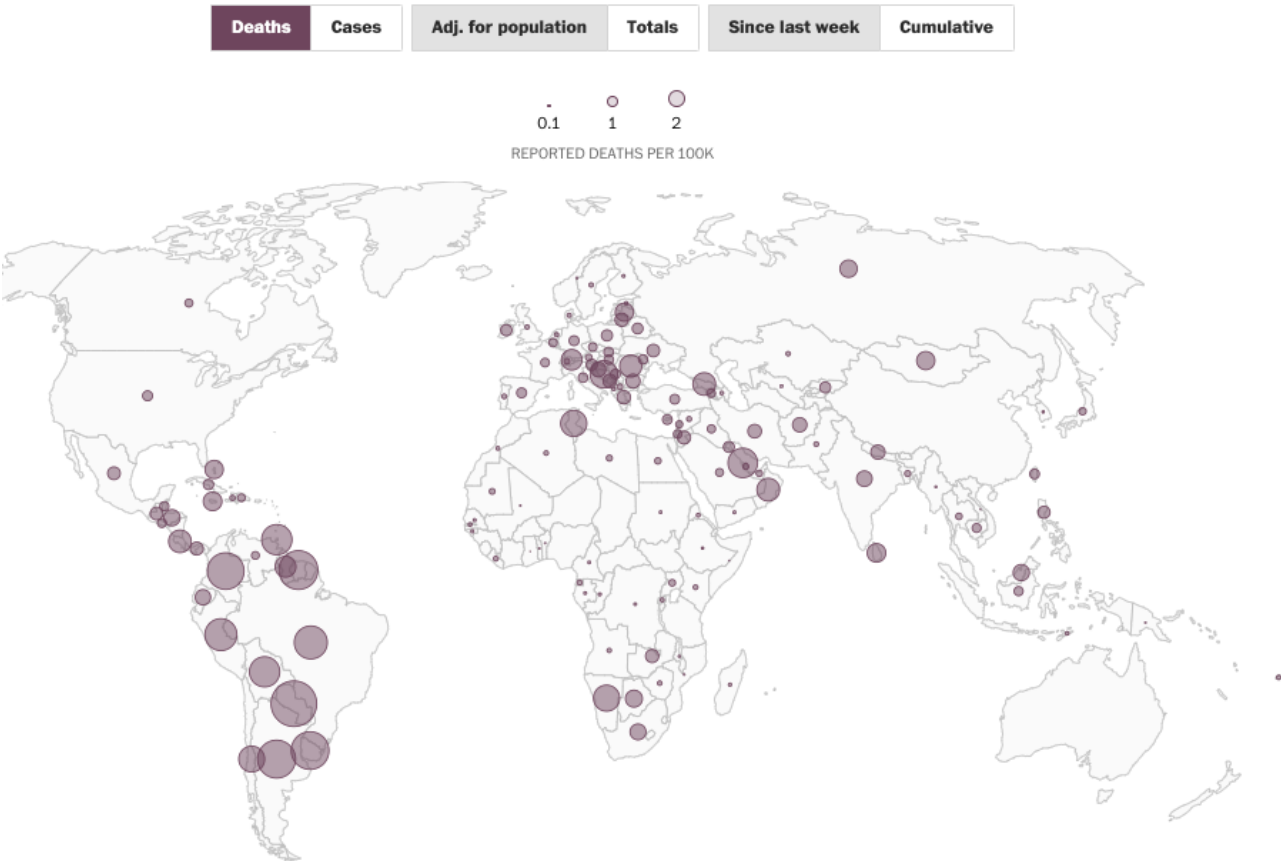
More than 3,836,000 people have died from the coronavirus worldwide

More than **177 million** cases have been reported.

Where the virus is surging



Where the virus is surging



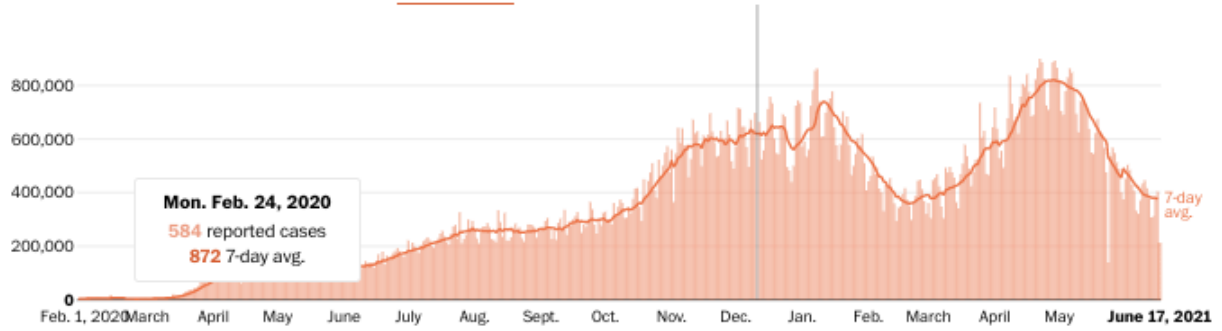


New daily reported cases across the world

Deaths

Cases

At least 177,226,268 have been reported since Feb. 29, 2020.

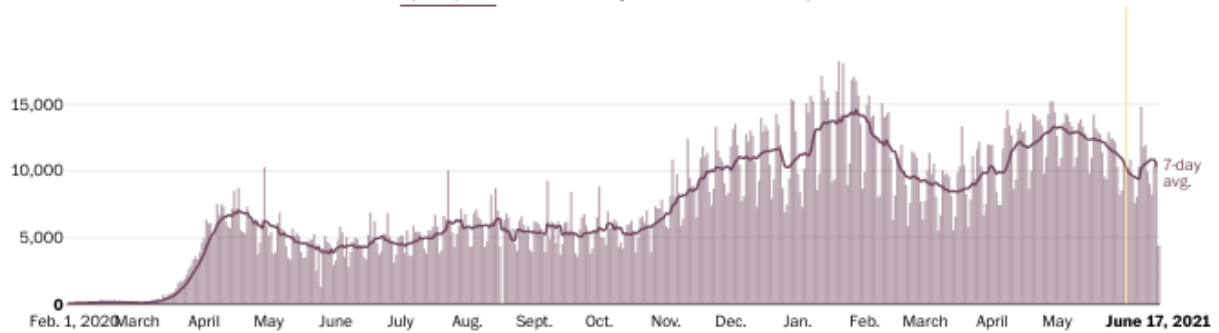


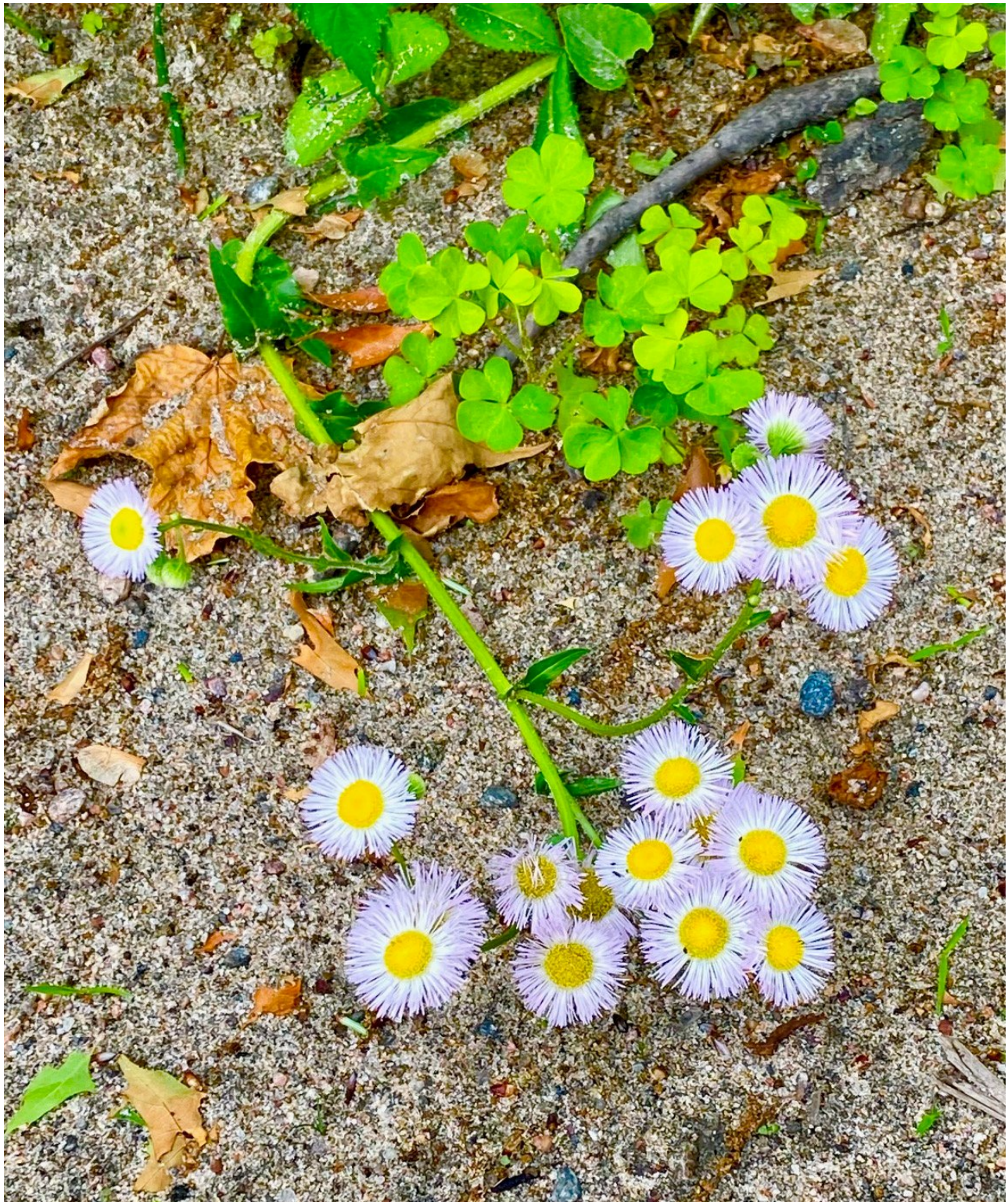
New daily deaths reported across the world

Deaths

Cases

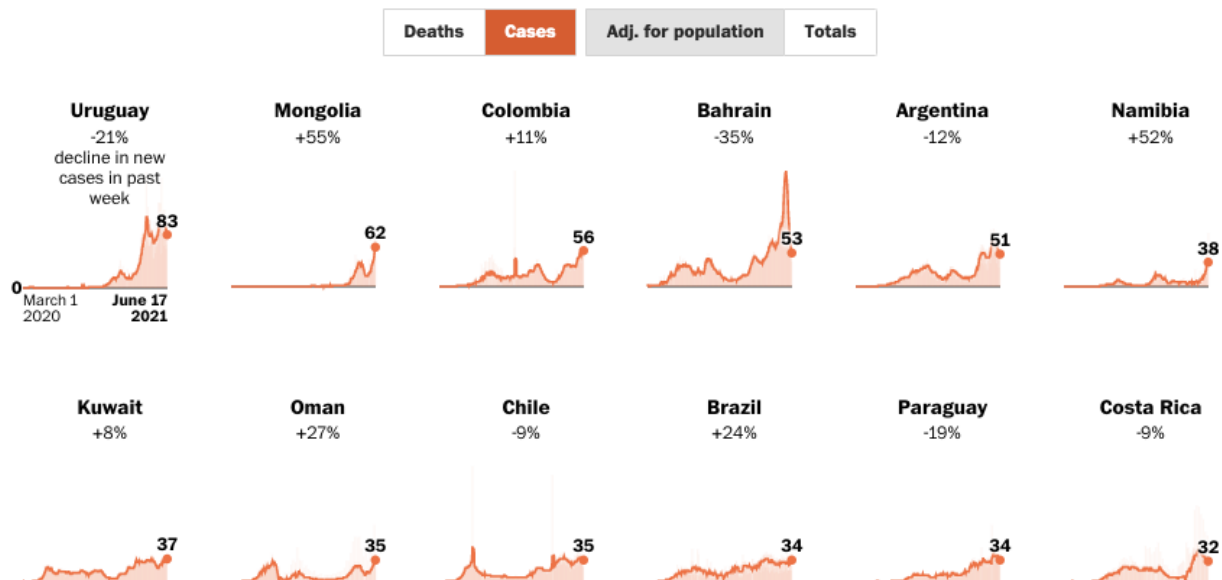
At least 3,836,531 have been reported since Feb. 29, 2020.





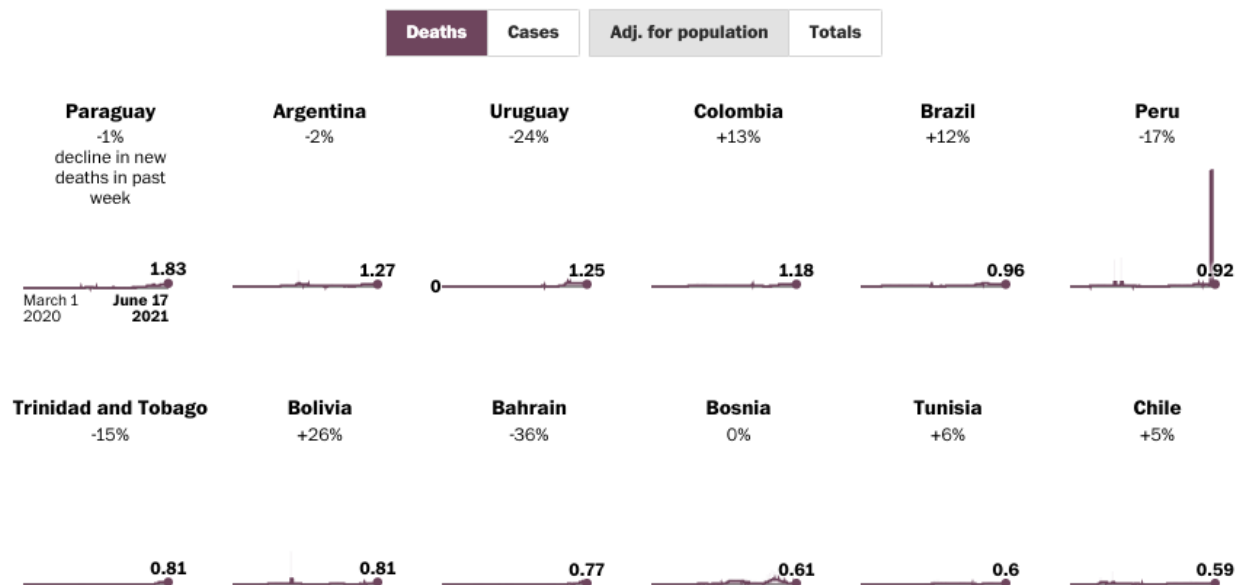
Global hot spots for reported cases per capita

— 7-day rolling average of daily new reported cases per 100,000 residents



Global hot spots for reported deaths per capita

— 7-day rolling average of daily new deaths per 100,000 residents

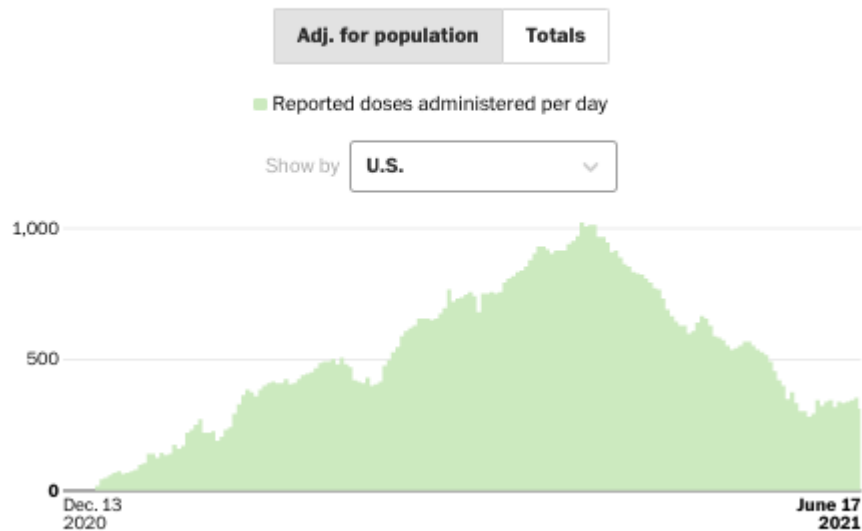




Doses of covid-19 vaccines administered per 100,000 residents



Doses of covid-19 vaccines administered per 100,000 residents



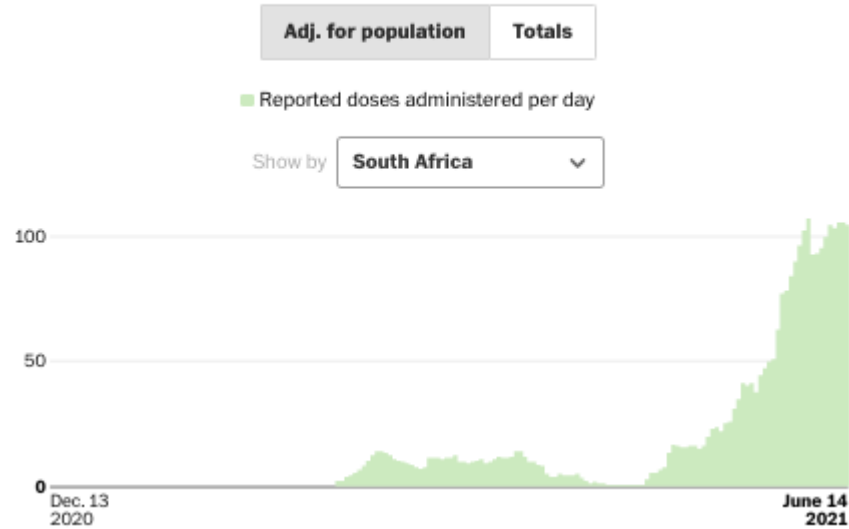
Doses of covid-19 vaccines administered per 100,000 residents



Doses of covid-19 vaccines administered per 100,000 residents



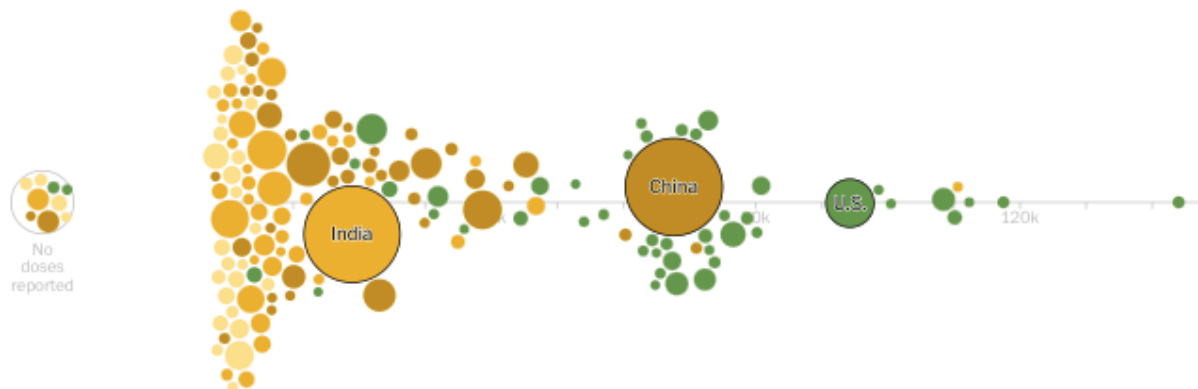
Doses of covid-19 vaccines administered per 100,000 residents



Country	Total doses given per 100k	Pct. of pop. partially vaccinated	Pct. of pop. completed vaccination
UAE	143,989	—	—
Seychelles	139,512	71.8%	67.7%
Malta	136,802	78.0%	61.3%
Israel	117,480	60.6%	56.9%
Bahrain	112,312	60.8%	51.5%
Mongolia	110,562	58.8%	51.7%
Chile	110,099	62.4%	48.8%
Britain	108,419	62.9%	45.5%
Qatar	100,477	56.7%	43.8%
Uruguay	98,546	61.4%	37.2%
U.S.	94,253	52.7%	44.1%
Iceland	94,198	64.1%	40.2%
Maldives	91,321	58.1%	33.2%
Monaco	87,170	48.3%	38.8%
Canada	80,820	65.9%	14.9%
Singapore	80,190	46.2%	34.0%
Belgium	78,696	51.3%	29.0%
Germany	76,568	49.6%	28.8%
Denmark	75,284	48.8%	26.5%
Austria	73,748	48.8%	25.9%
Luxembourg	73,008	44.1%	29.0%
Spain	72,699	46.8%	28.3%
Lithuania	72,672	42.7%	29.9%
Italy	72,303	50.0%	24.3%
Netherlands	72,198	48.4%	26.3%
Serbia	71,357	38.2%	33.1%
Switzerland	71,060	43.8%	27.3%
Liechtenstein	70,828	43.3%	27.5%
Portugal	68,785	45.0%	23.7%
France	67,987	45.9%	22.7%
China	67,621	—	—
Poland	67,112	41.6%	27.6%
Greece	66,654	40.5%	27.8%
Andorra	66,251	44.9%	21.3%
Finland	66,008	52.5%	13.5%
Estonia	64,938	40.2%	24.7%
Slovenia	64,856	37.6%	27.2%
Czechia	64,642	43.6%	21.7%
Sweden	63,559	41.3%	22.3%
Bhutan	63,258	63.3%	—
Norway	63,036	37.5%	25.5%
Ireland	62,735	42.5%	20.2%

Cyprus	60,777	36.7%	24.1%
Dominican Republic	60,277	39.9%	20.4%
Antigua and Barbuda	59,970	35.6%	24.3%
Saint Kitts and Nevis	58,381	40.4%	18.0%
Slovakia	56,983	35.1%	21.9%
Greenland	55,182	38.0%	17.2%
Croatia	54,003	35.1%	18.9%
Latvia	52,736	31.3%	23.8%
Barbados	52,547	30.8%	21.8%
Dominica	52,337	27.8%	24.5%
Saudi Arabia	47,355	--	--
Morocco	46,758	25.7%	21.1%
Turkey	45,235	28.4%	16.9%
Romania	44,432	23.7%	21.9%
Montenegro	42,750	23.4%	19.3%
Costa Rica	42,605	27.9%	14.7%
Brazil	38,636	27.3%	11.3%
Guyana	38,401	27.7%	10.7%
El Salvador	37,614	21.8%	15.8%
Argentina	37,555	29.8%	7.8%
Mauritius	35,967	19.6%	16.4%
Cambodia	34,950	19.0%	15.9%
Cuba	33,956	18.1%	5.9%
South Korea	31,918	26.7%	7.3%
Panama	31,273	21.0%	10.3%
Mexico	29,981	20.9%	12.1%
Albania	29,929	17.8%	12.1%
Azerbaijan	28,327	18.6%	9.8%
Jordan	27,897	19.9%	8.0%
Fiji	27,253	26.7%	0.5%
Suriname	26,776	21.9%	4.9%
Colombia	26,157	18.5%	7.7%
Australia	23,984	20.9%	3.1%
Belize	23,940	19.0%	4.9%
Bulgaria	23,220	12.8%	10.4%
Russia	23,010	13.0%	10.0%
North Macedonia	21,989	12.6%	9.4%
Kazakhstan	21,974	14.0%	8.0%
Japan	21,903	15.9%	6.0%
Moldova	21,740	14.7%	7.0%
India	18,905	15.4%	3.5%
Bolivia	18,390	13.7%	4.7%
Eq. Guinea	18,303	11.0%	7.3%
New Zealand	18,135	11.5%	6.6%
Ecuador	18,035	12.0%	6.1%

Canada is in 15th place globally for vaccines given/capita (up from 17th last week and 19th over the past 5 weeks)



China now leads the world in the number of vaccine doses given out, though [some other nations](#) have vaccinated far more of their population. The vaccines were developed and rolled out at record speed, and studies show most have impressive efficacy.



Compare countries by new daily reported cases per 100k

Deaths

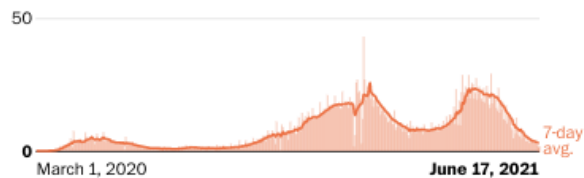
Cases

Adj. for population

Totals

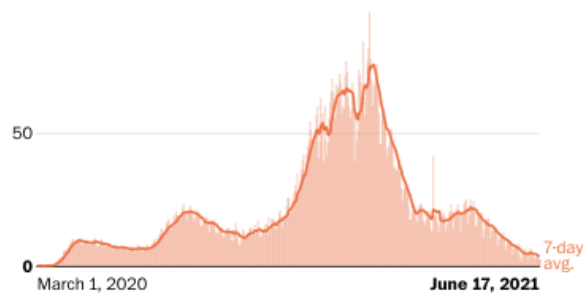
Select a country:

Canada

At least 1,413,185 have been reported since Feb. 29, 2020.

Select a country:

U.S.

At least 33,494,775 have been reported since Feb. 29, 2020.

Compare countries by new daily reported cases per 100k

Deaths

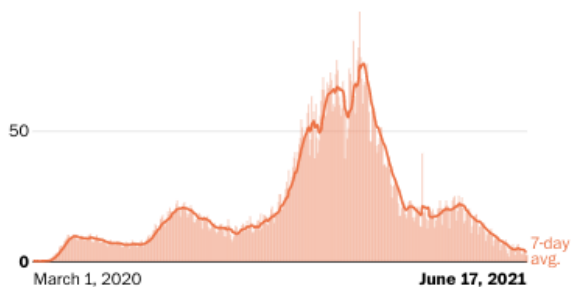
Cases

Adj. for population

Totals

Select a country:

U.S.

At least 33,494,775 have been reported since Feb. 29, 2020.

Select a country:

Vietnam

At least 12,014 have been reported since Feb. 29, 2020.

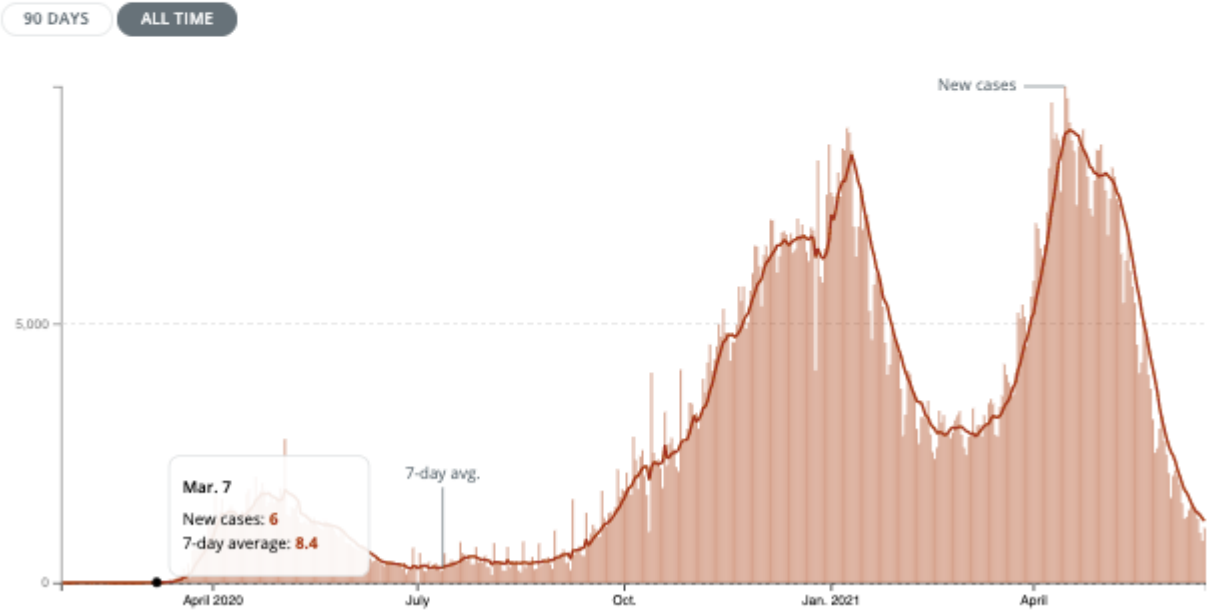


Source of Canadian Data Below June 9, 2021):
<https://newsinteractives.cbc.ca/coronavirustracker/>

Canada

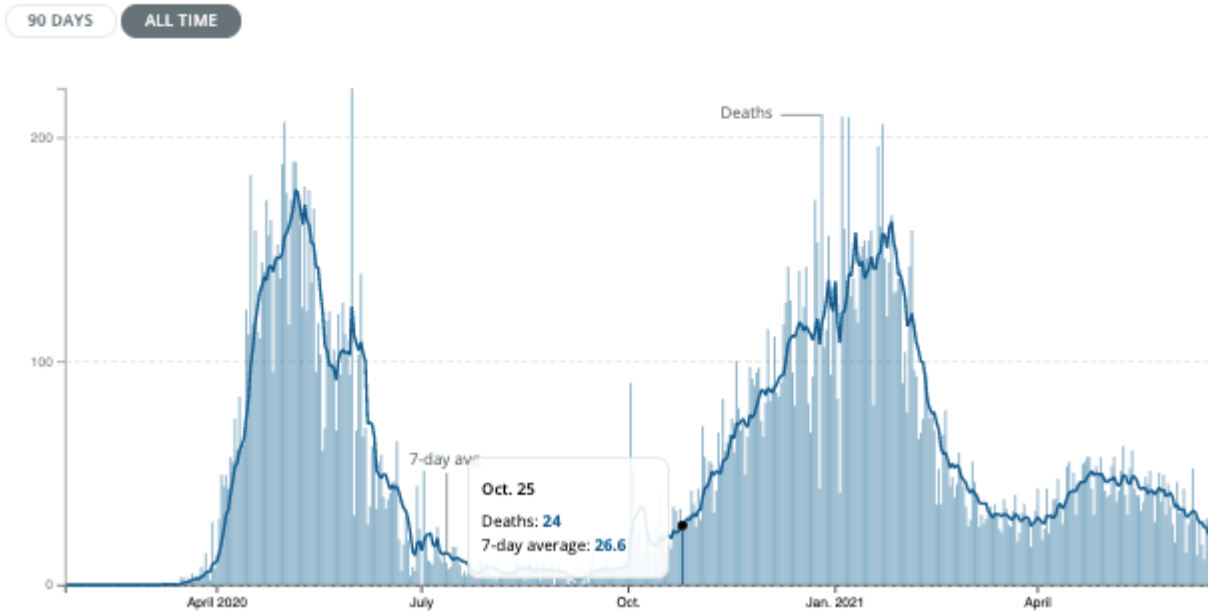
Cases Deaths Hospitalizations ICU

In Canada 1,405,146 cases have been reported.

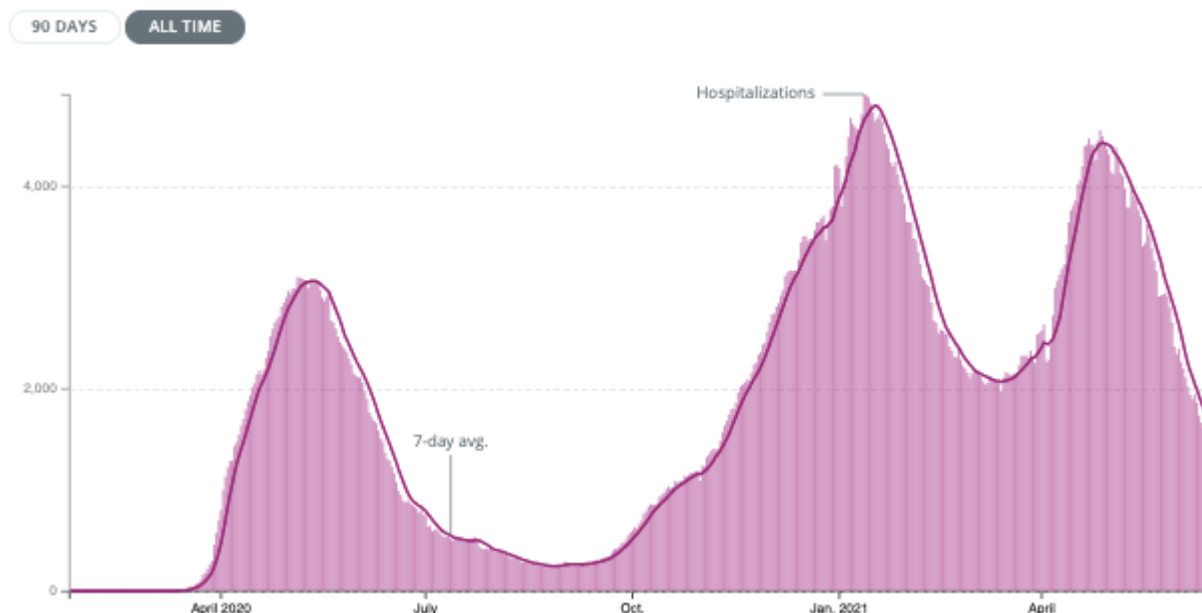


Source: Public Health Agency of Canada.

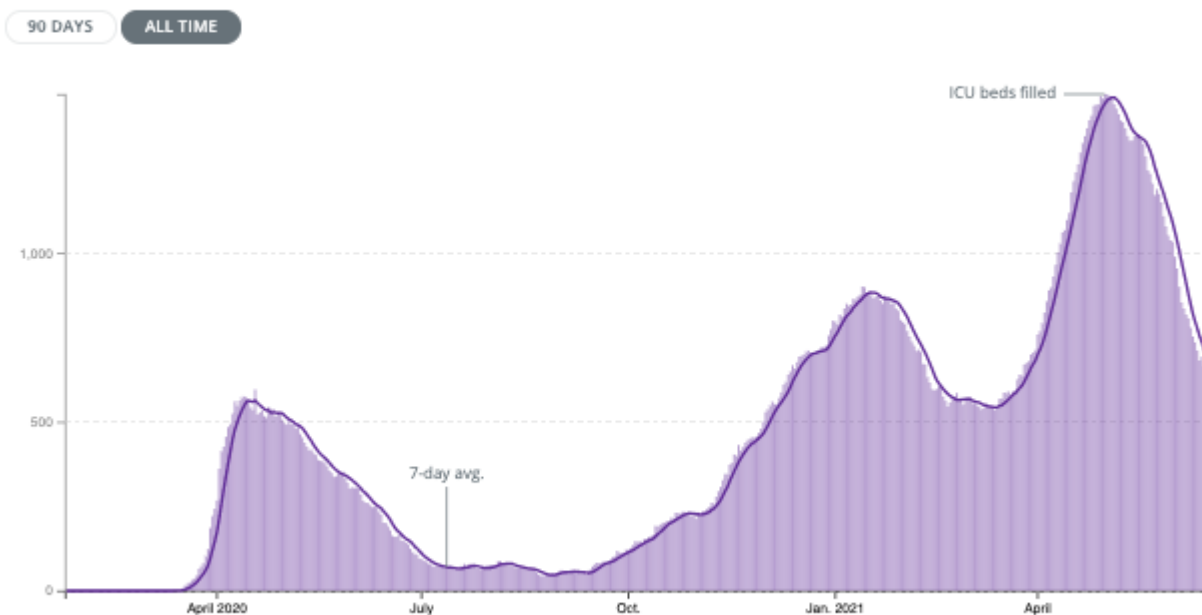
In Canada 26,000 deaths have been reported.



In Canada there are currently 1,442 people hospitalized.



In Canada there are currently 609 ICU beds filled.



Source: Public Health Agency of Canada.

In the past week in Canada...

New cases



There were 8,333 new cases, a decrease of 28 per cent. That's 21.9 cases per 100,000 people.

Active cases



The number of active cases declined 31 per cent.

Deaths



There were 158 deaths, or 0.4 per 100,000 people, a decrease of 32 per cent.

Hospitalizations



Hospitalizations declined 17 per cent and ICU beds filled declined 17 per cent.

Vaccines

The Pfizer-BioNTech, Moderna, AstraZeneca-Oxford and Johnson & Johnson vaccines have been approved for use in Canada. Johnson & Johnson's is the first single-dose vaccine Health Canada has approved. The others require two doses for someone to be fully vaccinated.

Vaccinations

Doses distributed

Region	Total doses given	Percentage of people given at least one dose	Percentage of people fully vaccinated
Canada	30,736,225	65.29%	15.47% <div></div>
Alberta	3,533,434	59.84%	19.80% <div></div>
British Columbia	4,165,142	67.03%	13.79% <div></div>
Manitoba	1,095,389	60.85%	17.82% <div></div>
New Brunswick	622,781	67.08%	12.55% <div></div>
Newfoundland and Labrador	393,398	68.76%	6.83% <div></div>
Nova Scotia	735,008	68.28%	6.76% <div></div>
Ontario	11,943,025	64.87%	16.07% <div></div>
Prince Edward Island	123,208	65.31%	11.78% <div></div>
Quebec	7,055,053	68.70%	13.57% <div></div>
Saskatchewan	922,335	58.95%	19.29% <div></div>
Northwest Territories	57,215	68.31%	58.45% <div></div>
Nunavut	33,958	45.91%	40.26% <div></div>
Yukon	56,279	71.44%	61.94% <div></div>

Source: CBC News.



Source of Covid-19 Data Below (June 17, 2021):

<https://www.nytimes.com/interactive/2021/world/covid-cases.html>

Coronavirus World Map: Tracking the Global Outbreak

Updated June 17, 2021

New reported cases



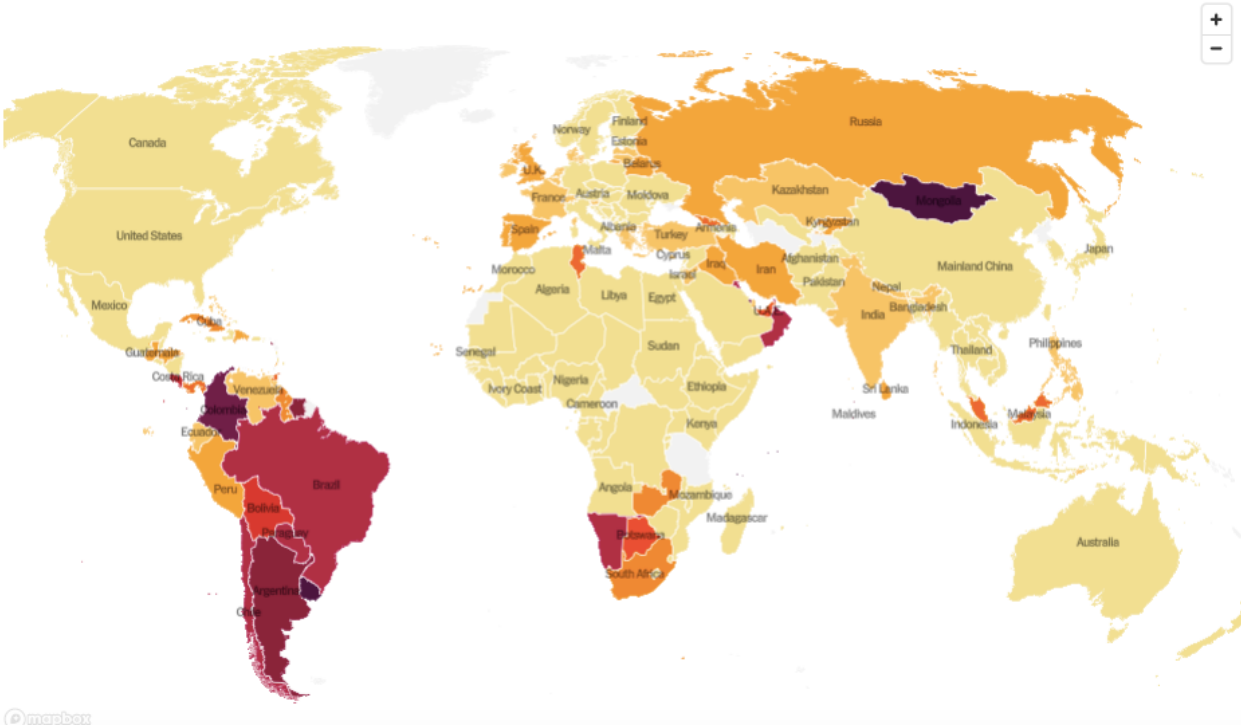
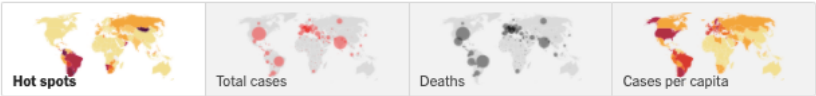
	AVG. ON JUN. 16	14-DAY CHANGE	TOTAL REPORTED
Cases	374,707	-19%	177,022,372
Deaths	10,797	-5%	3,832,652

State of the virus

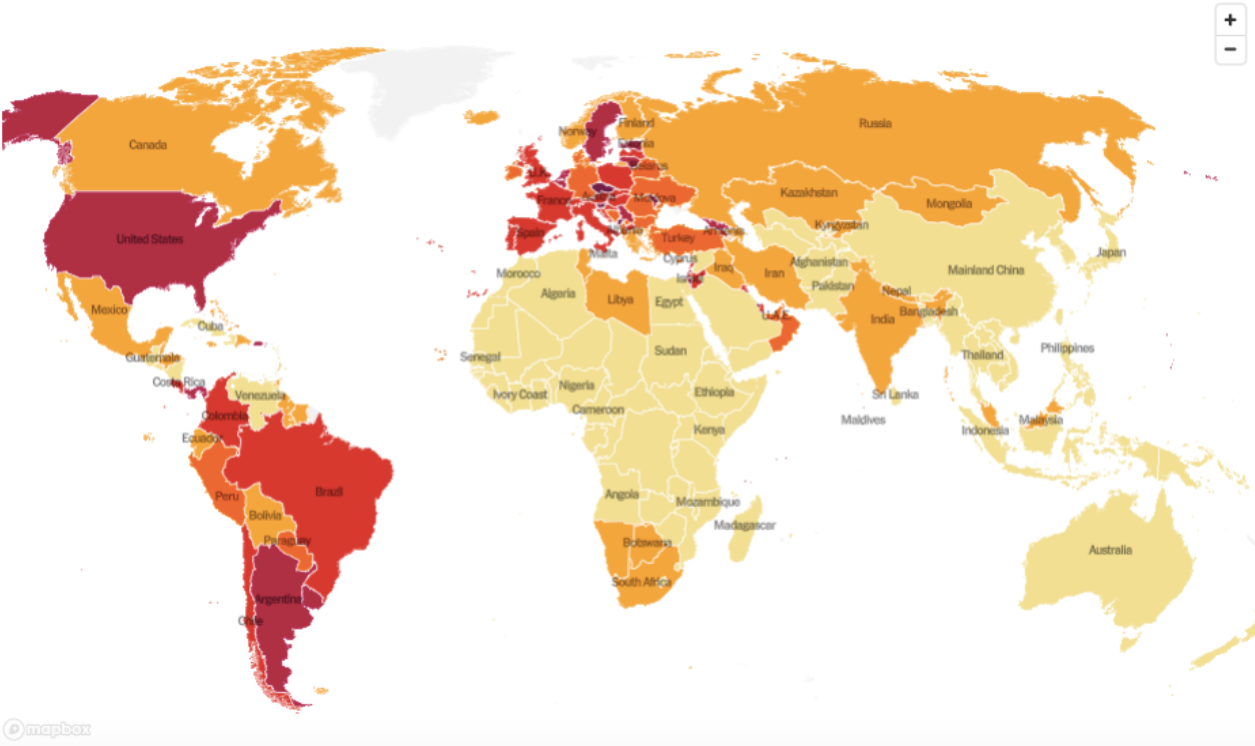
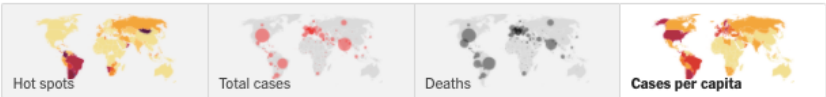
Update for June 10

- South America is being hit harder than any other continent, with nearly all of its countries having among the highest rates of new infections and deaths.
- The European Union has joined the United States in demanding [an investigation into the origins of the pandemic](#), heightening tensions with China, as experts become steadily more open to the theory that the virus could have escaped from a lab in Wuhan.
- The United States says it will buy [500 million doses of the Pfizer-BioNTech vaccine](#) for distribution to 100 low- and middle-income countries - the biggest commitment any country has made so far, but still only enough to fully vaccinate 3 percent of the world's population.

Hot spots



Cases per capita



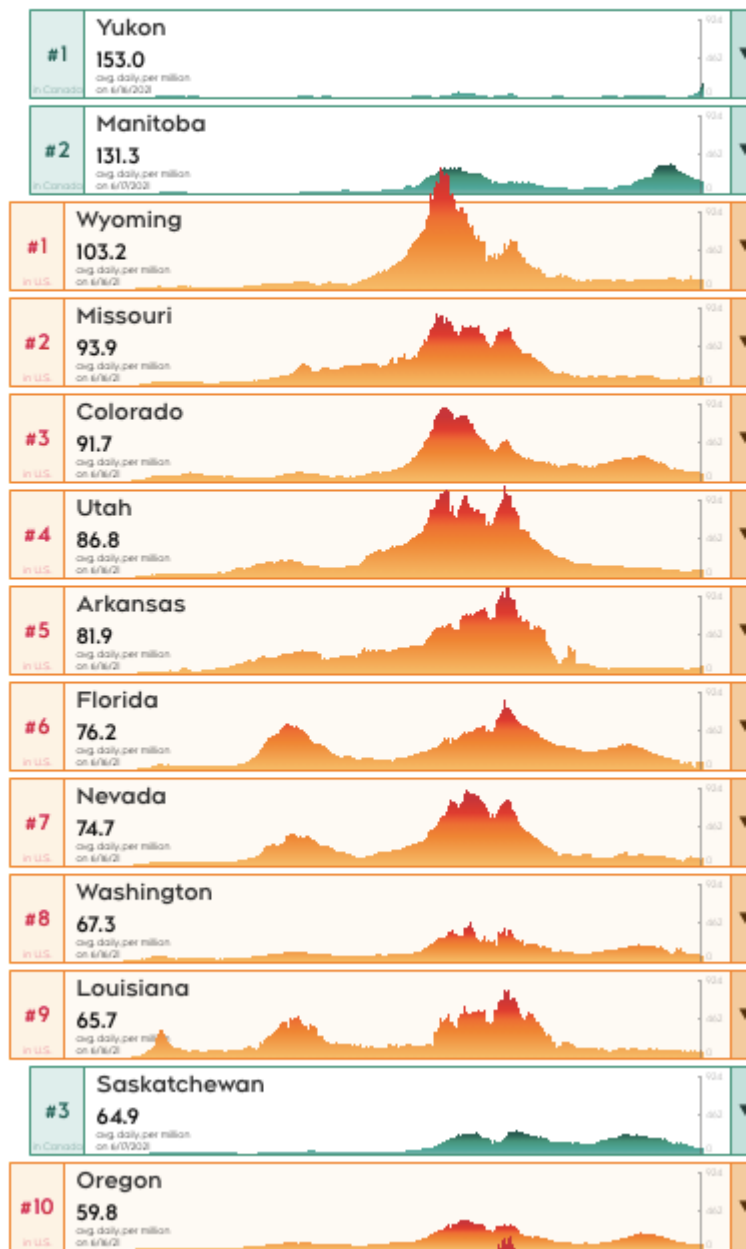


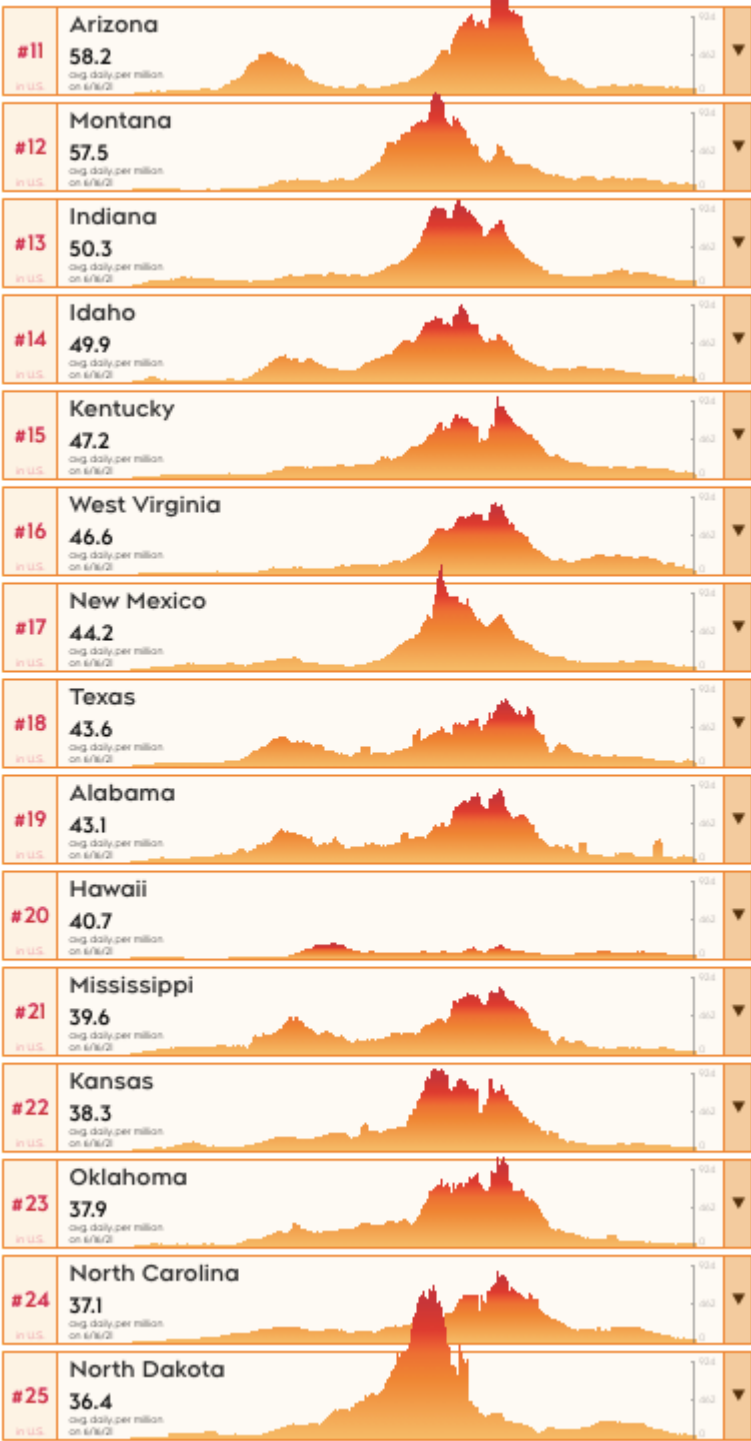
Source of U.S. and Canadian Data Below (June 16, 2021):
<https://www.ctvnews.ca/health/coronavirus/covid-19-curves-compare-canada-and-other-key-nations-1.4881500#link-top>

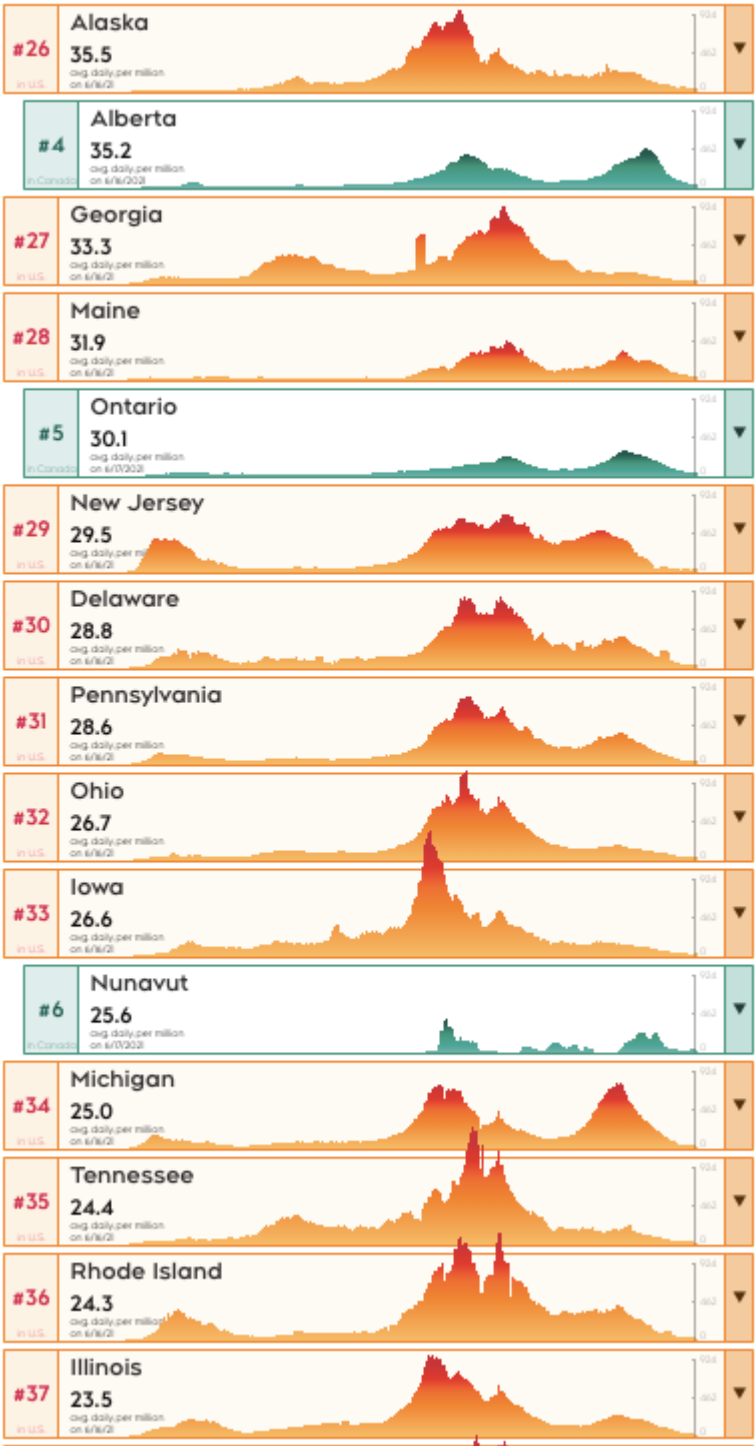
Comparing COVID-19 in states and provinces

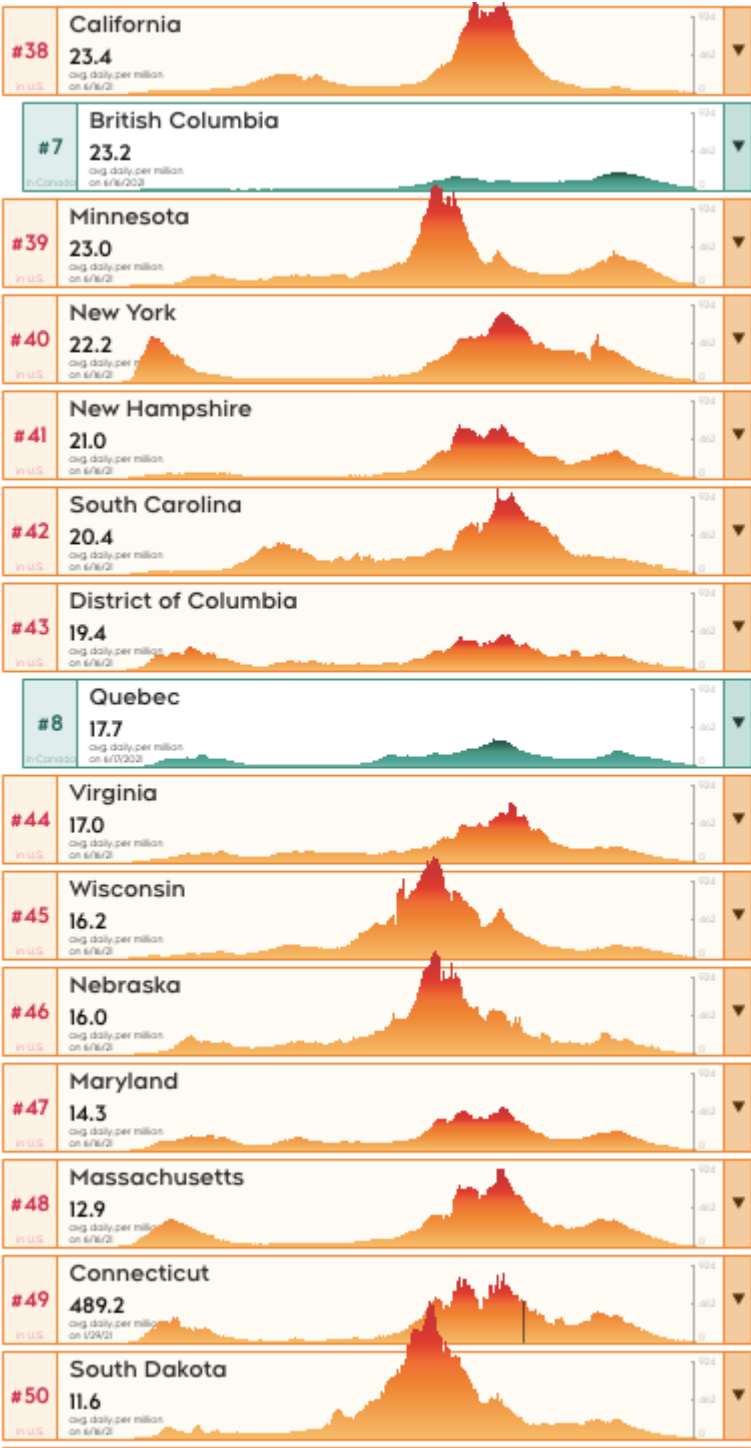
Showing 7-day avg. cases, per million

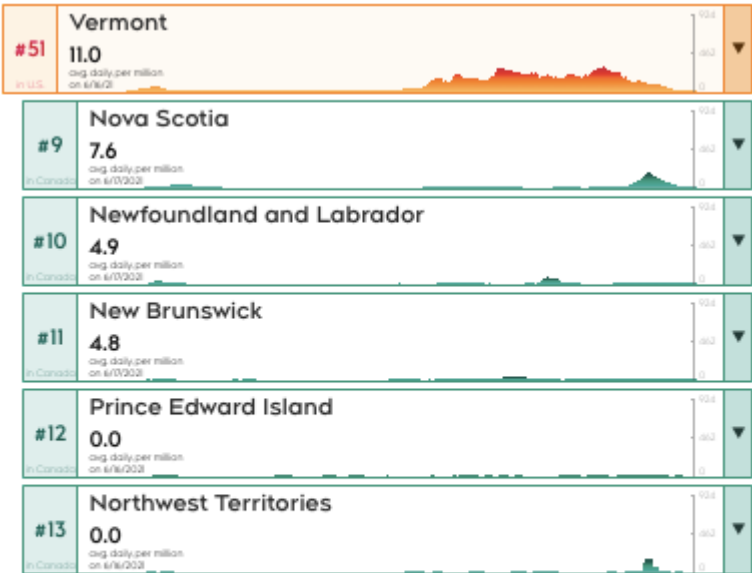
Ranked by highest current cases Scale: all same







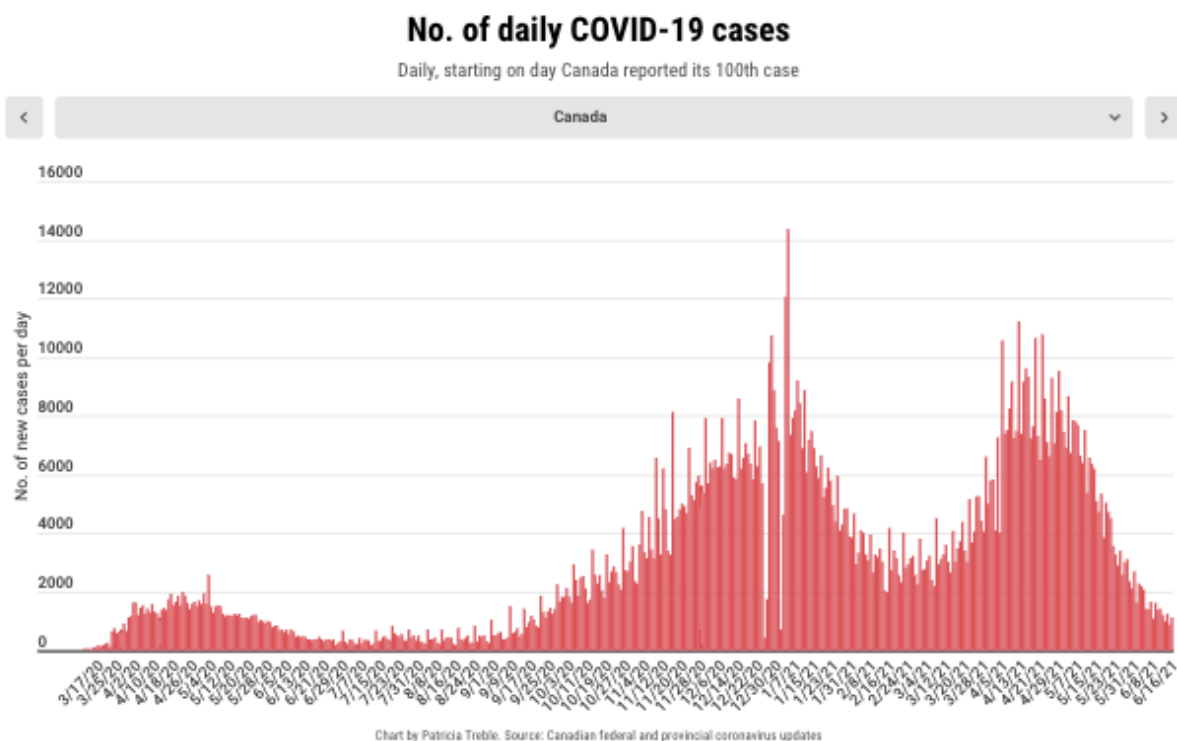
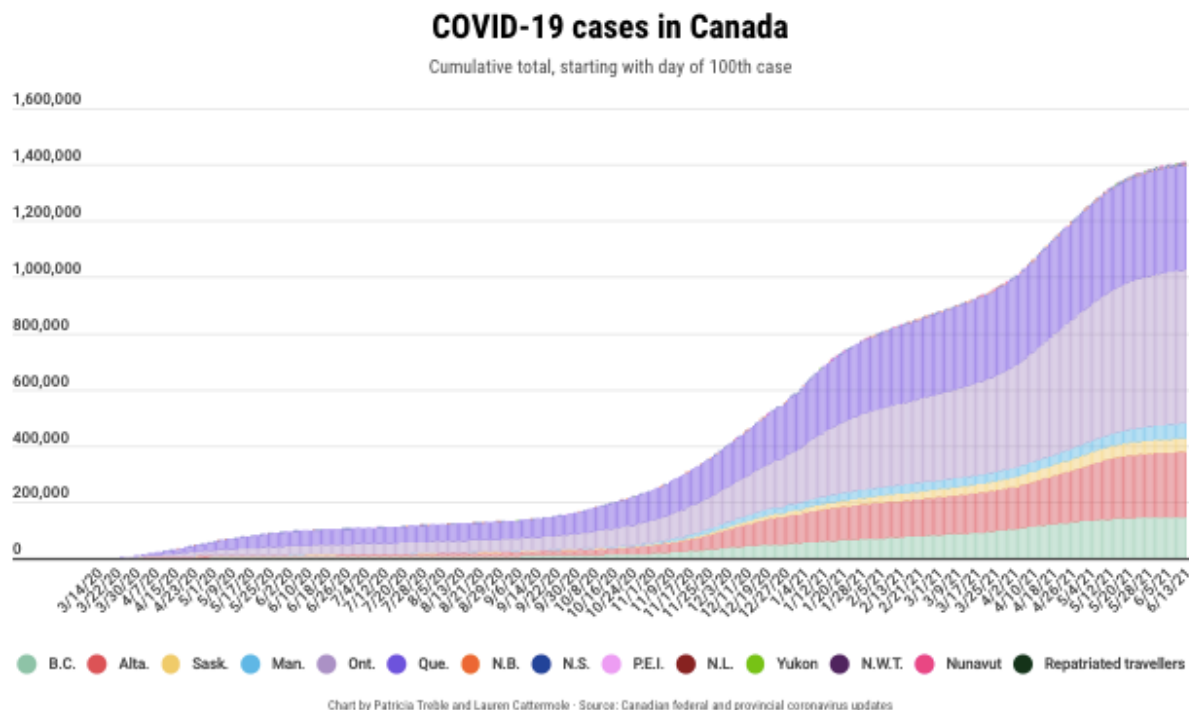




U.S. data is collected daily from the [COVID-19 Data Repository by the Center for Systems Science and Engineering \(CSSE\) at Johns Hopkins University](#). Canadian data is collected by CTV News based on daily provincial reports.

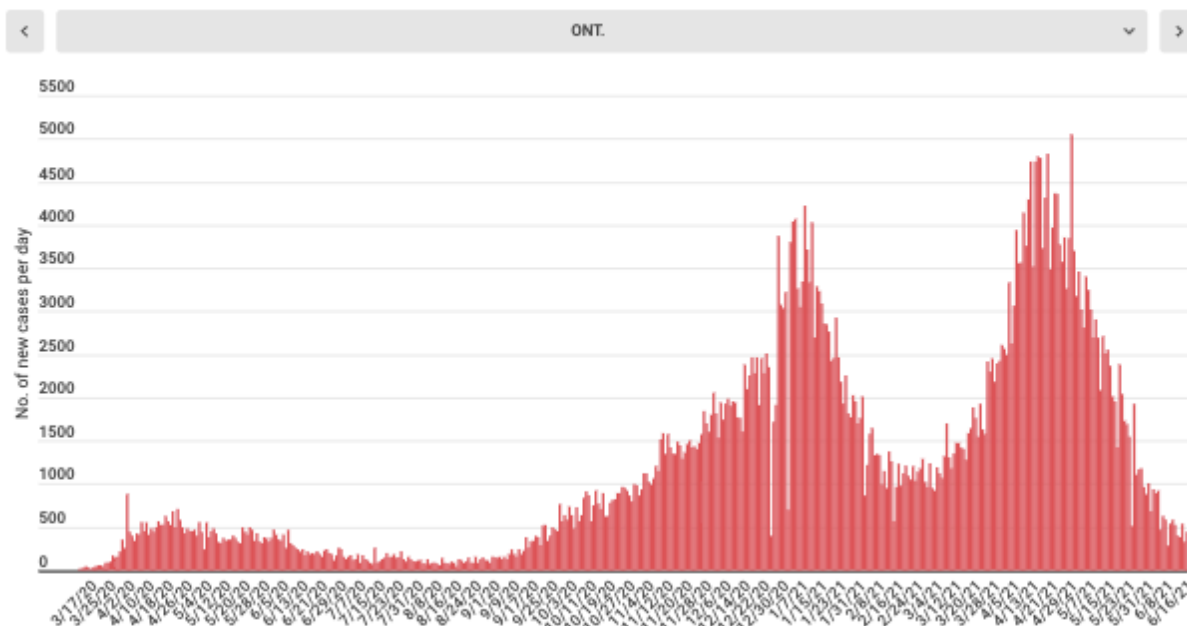


Source of Canadian Data Below (June 17, 2021):
<https://www.macleans.ca/society/health/covid-19-in-canada-how-our-battle-against-the-second-wave-is-going/>



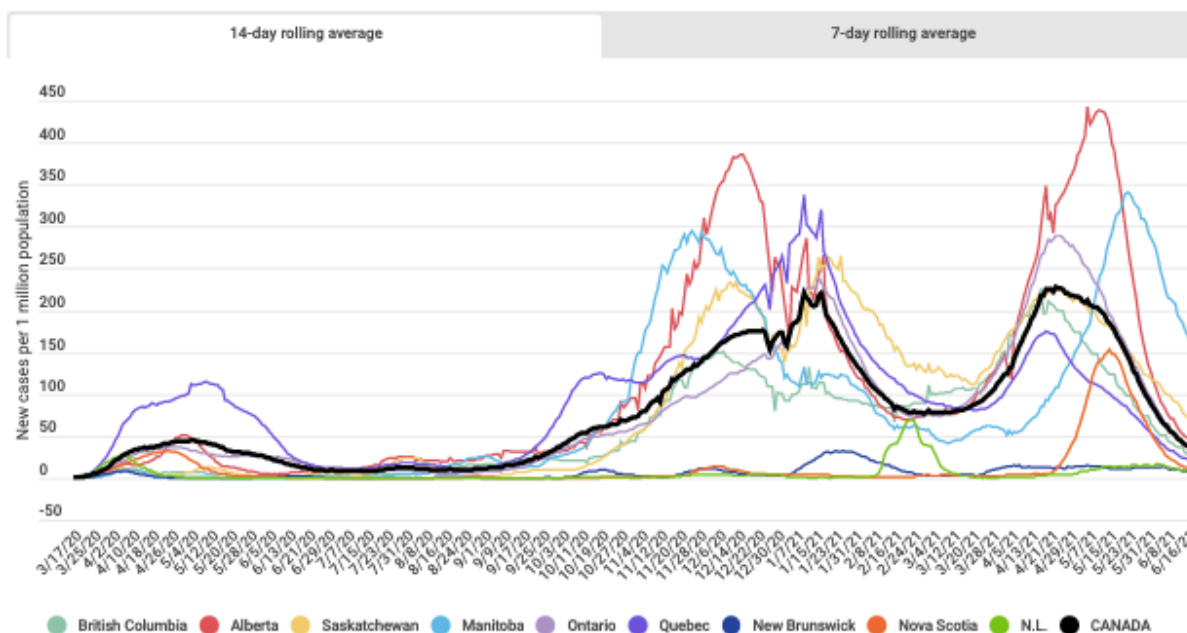
No. of daily COVID-19 cases

Daily, starting on day Canada reported its 100th case



Comparing the daily COVID-19 caseload

Per 1 million population for provinces with 500-plus cases



COVID-19 deaths in Canada

(starting the week of the first death on March 8)

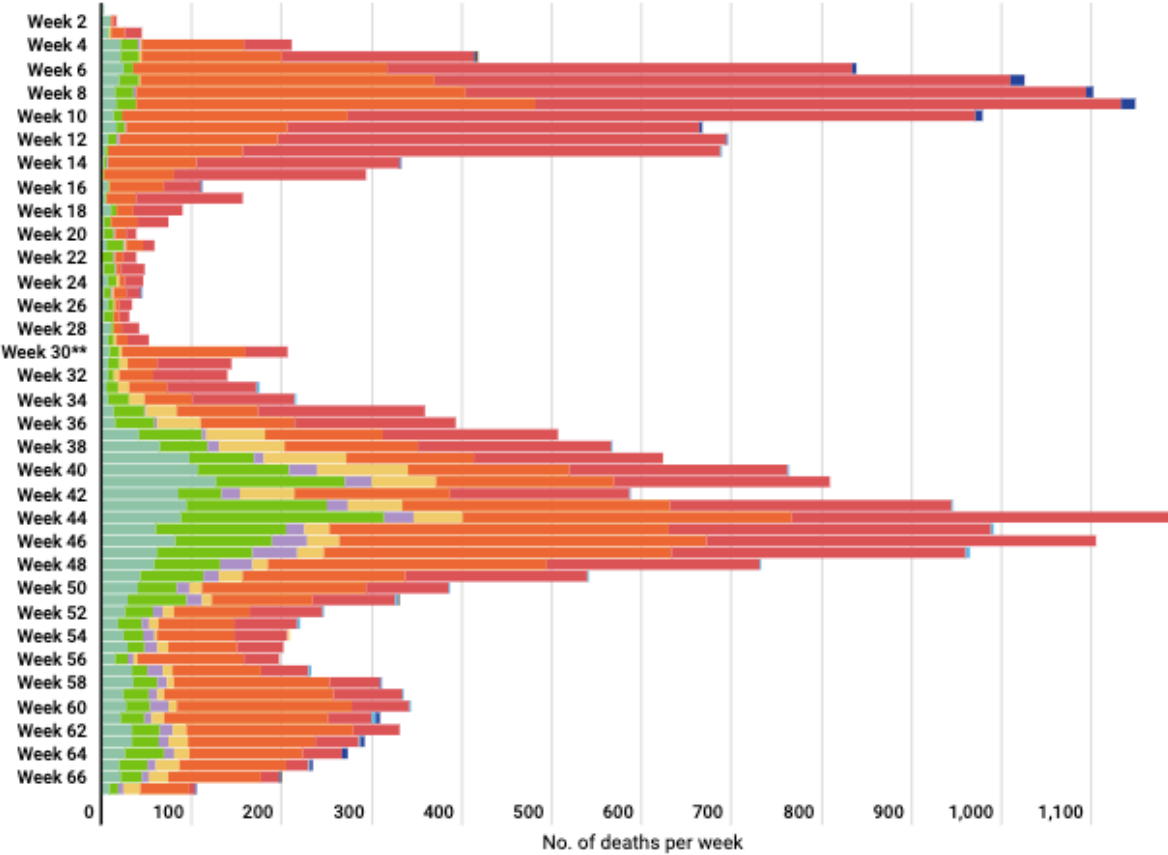




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Publisher and Editor: Dr. David Zakus

Production: Aisha Saleem & Julia Chalmers

Social Media: Shalini Kainth and Ishneer Mankoo

Website, Index and Advisory: Eunice Anteh, Gaël

Chetaille, Evans Oppong, Jonathan Zakus,

Dr. Aimée-Angélique Bouka & Elisabeth Huang

Blogs: Dr. Jay Kravitz and Aisha Saleem

CONTACT US TO COMMENT OR SUBSCRIBE AT:

planetaryhealthweekly@gmail.com

david.zakus@utoronto.ca

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