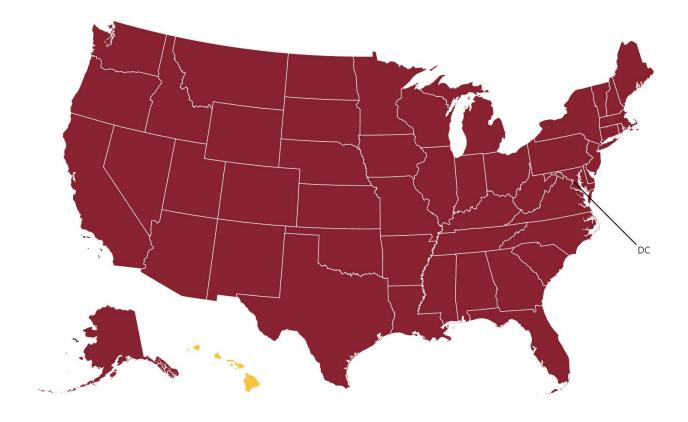


COVID-19 Update Dr Mark Cunningham-Hill Medical Director NEBGH



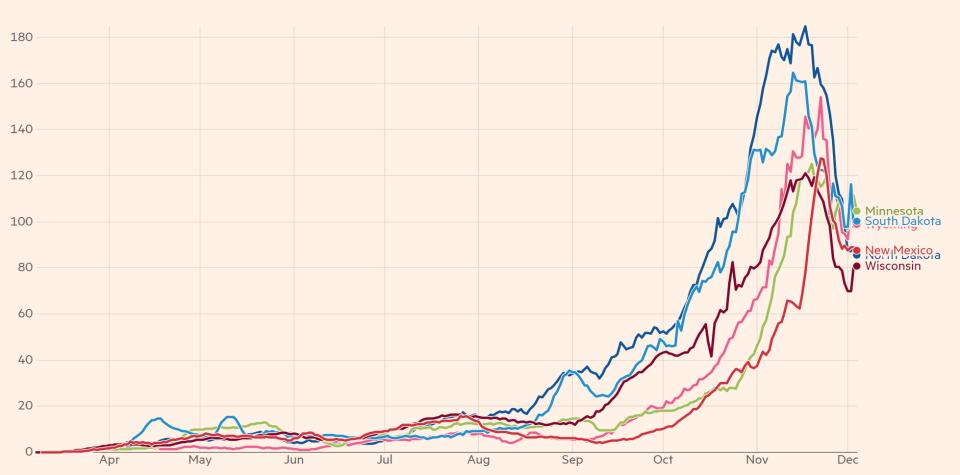




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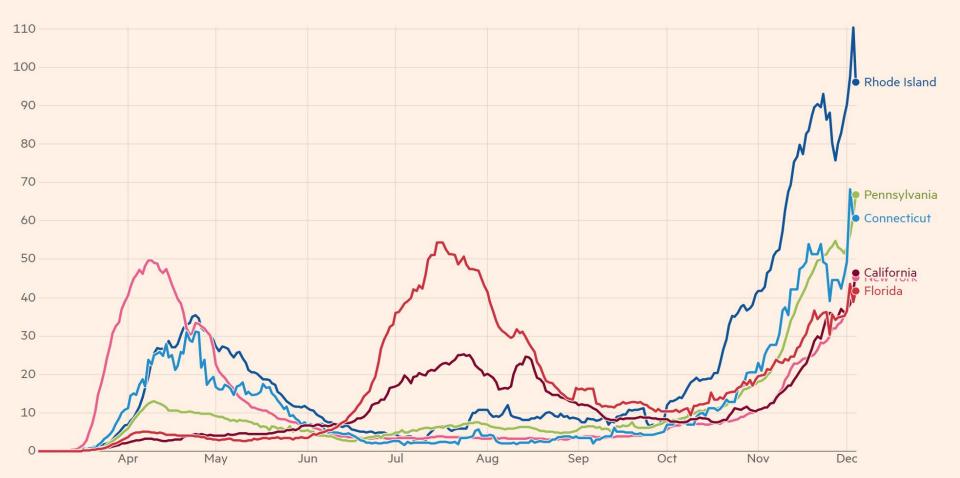


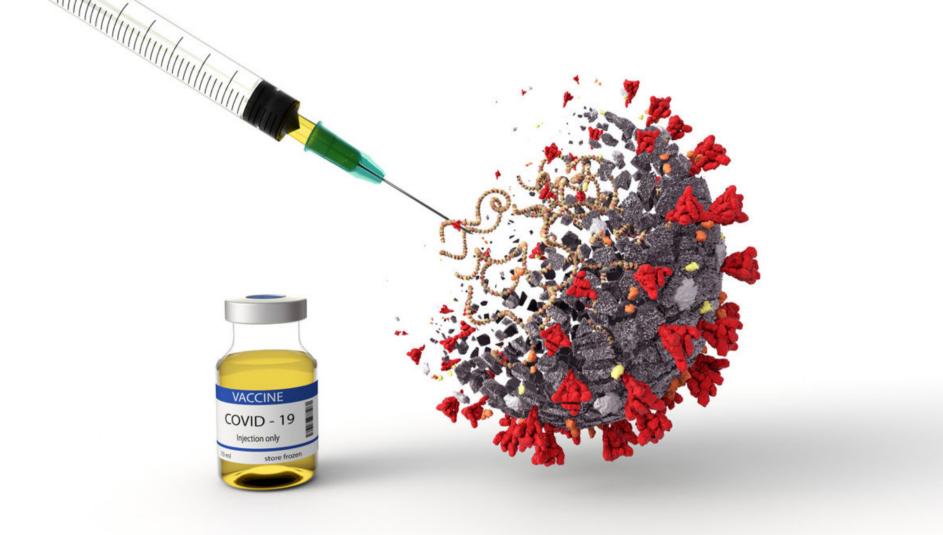
New confirmed cases of Covid-19 in North Dakota, Wyoming, Minnesota, South Dakota, Wisconsin and New Mexico Seven-day rolling average of new cases (per 100k)

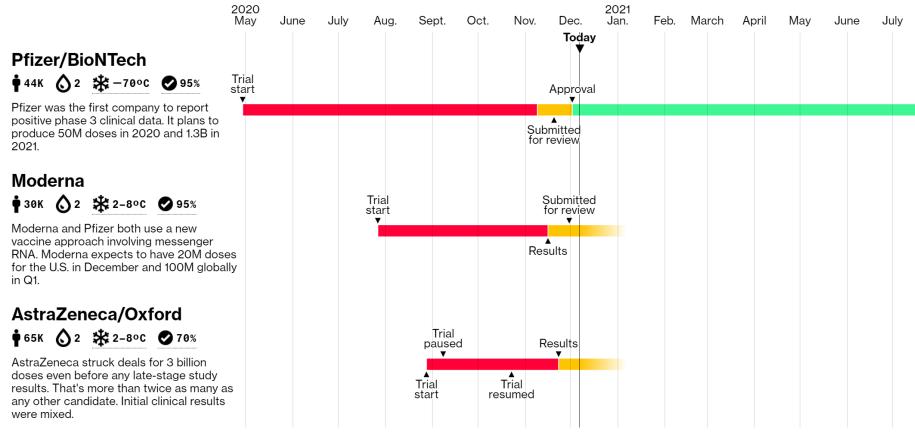


New confirmed cases of Covid-19 in Rhode Island, New York, Pennsylvania, Connecticut, California and Florida

Seven-day rolling average of new cases (per 100k)







Progress: Trial Results expected Awaiting approval Available to public





Aug.

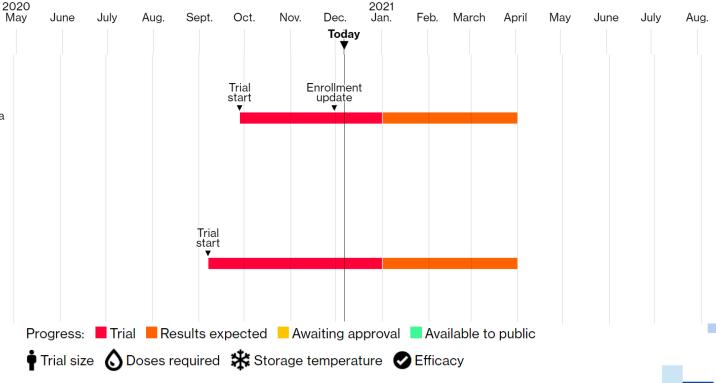


This small biotech firm has never brought a product to market. It received more than \$1.6 billion from the U.S. and \$399 million from the Coalition for Epidemic Preparedness. The stock rose 3,000% in nine months.

Johnson & Johnson

🛉 60K 🔕 1 🔆 2-8°C

Of the leading candidates, this is the easiest to distribute, requiring just one dose and standard refrigeration. To hedge its bets, J&J announced a separate trial with two doses in November.







Sinovac's vaccine triggers an immune response using the Covid-19 virus itself, after it has been chemically inactivated.

2020

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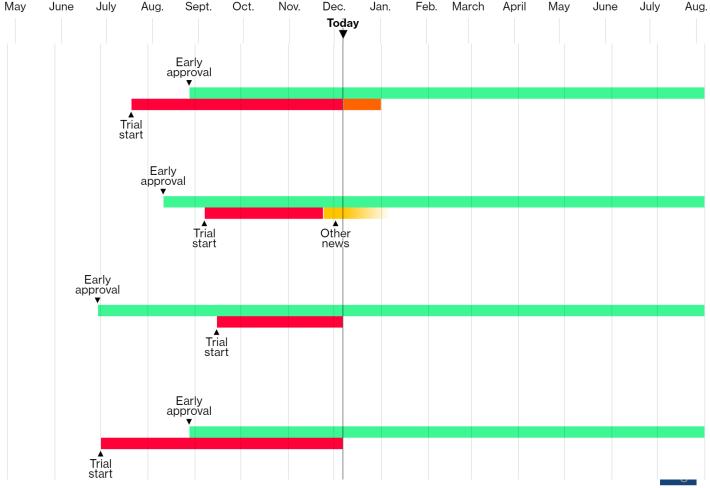
The Russian vaccine, known as Sputnik V, was the first in the world deployed outside of clinical trials.

CanSino's shot was approved for the Chinese military even before late-stage tests began. It uses a harmless cold virus to deliver its genetic payload.

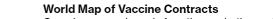
Sinopharm ∮50к **0**2 ₩2-8°с

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Sinopharm administered hundreds of thousands of doses before its vaccine was fully tested. It's currently working on two candidates in late-stage trials.

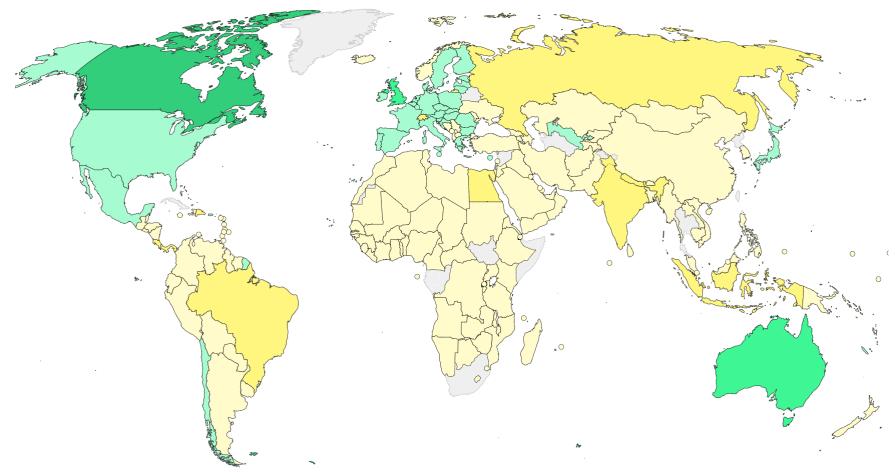


2021



Canada reserved nearly four times what's needed to inoculate its population

no data 50 100 200 300 400+ % of population covered



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Health care workers and nursing homes



Essential workers, first responders, adults with Covid-19 health risks, other elderly



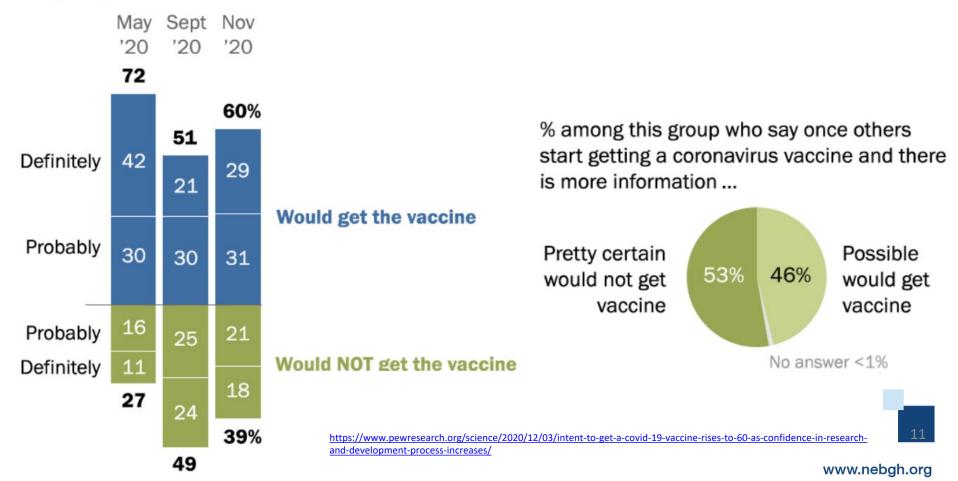
Homeless, incarcerated

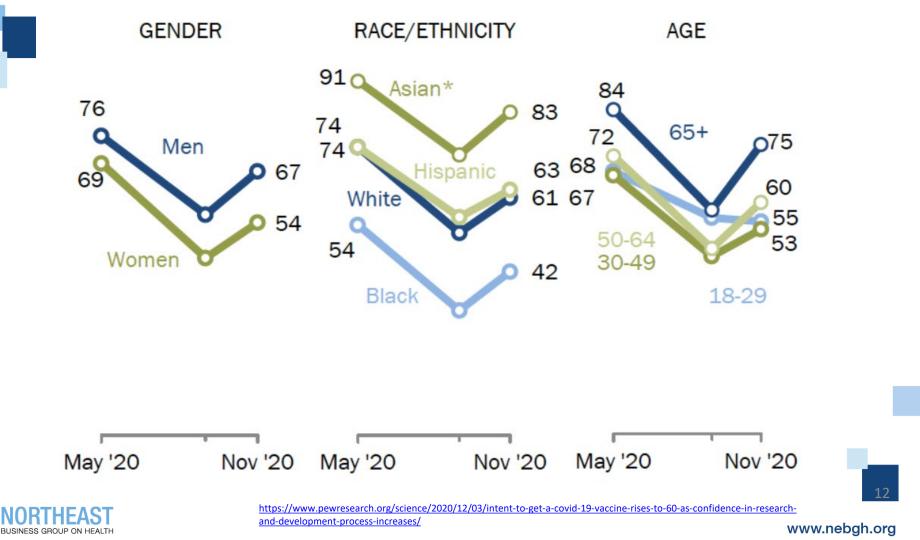




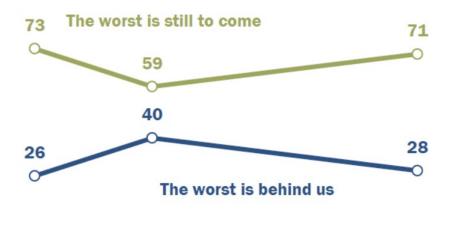
Source: Advisory Committee on Immunization Practices; the National Academies of Sciences, Engineering and Medicine.

% of U.S. adults who say if a vaccine to prevent COVID-19 were available today, they ...



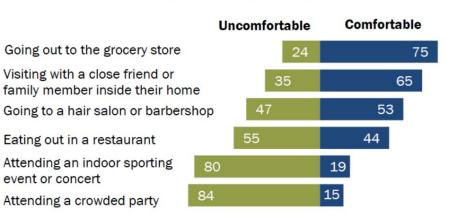


% of U.S. adults who say, in thinking about the problems the country is facing from the coronavirus outbreak ...



Apr Jun Nov

% of U.S. adults who say, given the current situation with the coronavirus outbreak, they feel _____ doing each of the following





https://www.pewresearch.org/science/2020/12/03/intent-to-get-a-covid-19-vaccine-rises-to-60-as-confidence-in-researchand-development-process-increases/

Vaccine Questions

- Is being infected better than the vaccine?
- Why not take my chances with that rather than get a rushed vaccine?
- I have had COVID-19, should I get vaccinated?
- Will vaccine prevent infection, prevent illness or just reduce severity of illness?
- Will protective effect decline over time?



Vaccine Questions

- Will children be able to have the vaccine?
- Pregnancy is a risk factor for COVID-19, will pregnant women be prioritized to receive the vaccine?
- Can vaccinated people transmit the virus to others?
- SARS-CoV-2 is undergoing mutations, what if any effect might this have on vaccine efficacy?



Questions

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