The State We’re In
An Update on COVID-19, the variants and the vaccines

A Healthy Living Series event presented by Dartmouth-Hitchcock Health
With Dr. Michael Calderwood, MD, MPH,
Chief Quality Officer at Dartmouth-Hitchcock Medical Center
Current COVID-19 Trends
• Beginning in late July 2021, we again saw a rapid rise in new COVID-19 cases followed ~2 weeks later by a rise in the death toll
  • Currently averaging ~95,000 new cases diagnosed per day in the United States (down from 160,000 earlier in September)
  • 687,000 reported COVID-19 deaths in the United States as of 9/26/21
  • United States deaths including estimated unreported COVID-19 deaths crossed 1 million on 9/5/21

https://covid.cdc.gov/covid-data-tracker/
https://covid19.healthdata.org/united-states-of-america
Impact of Vaccines

- COVID-19 vaccines are estimated to have prevented:
  - ~140,000 U.S. deaths by early May 2021
  - ~279,000 U.S. deaths by the end of June 2021

- Given recent hospital surges involving unvaccinated patients, preventable deaths continue to rise

  - No one has yet published on the true number of prevented deaths through September 2021 (nor the number that could have been prevented with higher rates of vaccination)


Vaccine Hesitancy

- At present, only 55% of the U.S. population is fully vaccinated
  - 65+ Range by State: 74-99%
  - 18-64 Range by State: 44-75%
  - <18 Range by State: 1-24%

- True blunting of new cases occurs when vaccination rates are at least >75%

https://covid.cdc.gov/covid-data-tracker/#vaccinations-cases-trends
Vaccine Hesitancy

• **Impact**
  - 7 out of 9 states with the highest ICU occupancy are in lowest quartile for vaccination, with unvaccinated >10x more likely to be hospitalized and to die
  - Shift to younger ages
  - Children 3x more likely to go to ED and 4x more likely to be hospitalized in U.S. states in lowest quartile for vaccination, with unvaccinated children 10x more likely to be hospitalized
  - Significantly worse health and birth outcomes in unvaccinated pregnant women
Large circles in states with >50,000 hospitalized patients with COVID-19 and >7,300 ICU patients with COVID-19.

- Currently 1 in 9 inpatients and 1 in 3-4 patients in ICUs in the U.S. are hospitalized with COVID-19.
- COVID-19 accounts for 20% or more of inpatient populations in 10 states: Alabama, Georgia, Idaho, Kentucky, Montana, South Carolina, Tennessee, Texas, West Virginia, Wyoming.

https://protect-public.hhs.gov/pages/hospital-utilization
COVID-19 Dashboards

New Hampshire
Vermont

Vaccines for Children 5-11

AAP Article
NPR Article

Where to get vaccinated

Vermont Vaccination Information
New Hampshire Vaccine Information- Vaccine Finder/Vaccines.gov
**NH MOBILE VACCINE VAN LOCATIONS**

**WEEKLY SCHEDULE**

1. 9/20 8am - 12pm  
   First Parish Church, Dover

2. 9/20 1:30 - 6pm  
   Hampton Beach, 180 Ocean Blvd.

3. 9/21 8am - 1pm  
   Wallis Sands Beach, 1050 Ocean Blvd, Rye

4. 9/21 2pm - 7pm  
   Rye Fire Department

5. 9/22 8 - 12:30pm  
   Lake Sunapee Beach, 86 Beach Access Rd, Newbury

6. 9/22 2pm - 6pm  
   KLS Food Pantry, 462 Main St, New London

7. 9/23 1pm - 6pm  
   Newmarket Community Church

8. 9/24 9am - 1pm  
   Gather Pantry Market  
   100 Campus Dr, Portsmouth

9. 9/24 1:30 - 3pm  
   Hampton Beach, 180 Ocean Blvd.

10. 9/25 9am - 12pm  
    Andover Fire Dept, 169 Main St.

11. 9/25 1pm - 6pm  
    Lake Sunapee Beach  
    86 Beach Access Rd, Newbury

12. 9/26 8 - 12pm  
    Pawtuckaway State Park, 7 Pawtuckaway Rd

*Map is for graphical purposes only. It does not represent a legal survey, NHDOT.*
Other resources

Is The Worst Over? Models Predict A Steady Decline In COVID Cases Through March, NHPR, September 22, 2021

Information about COVID-19, Dartmouth-Hitchcock Health