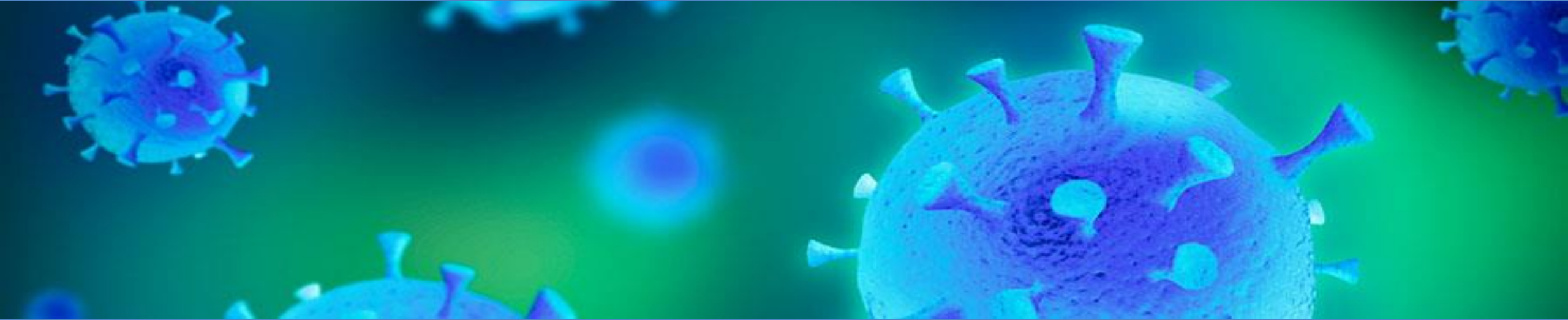


VCHIP / CHAMP / VDH COVID-19 UPDATES



Wendy Davis, MD FAAP - Senior Faculty, Vermont Child Health Improvement Program, UVM
Breena Holmes, MD FAAP – VCHIP Senior Faculty & Physician Advisor, MCH Division, VDH
April 12, 2021



Technology Notes

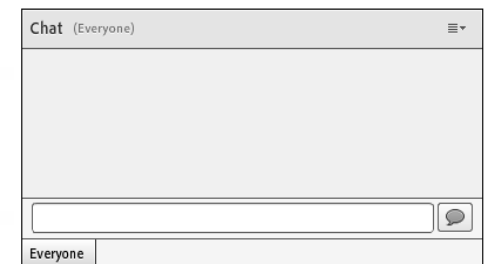
- 1) All participants will be muted upon joining the call.
- 2) If you dialed in or out, **unmute by pressing #6** to ask a question (and press *6 to mute).
If you are having audio difficulties and are using your computer speakers, you may wish to dial in:

Call in number – 1-866-814-9555

Participant Code – 6266787790

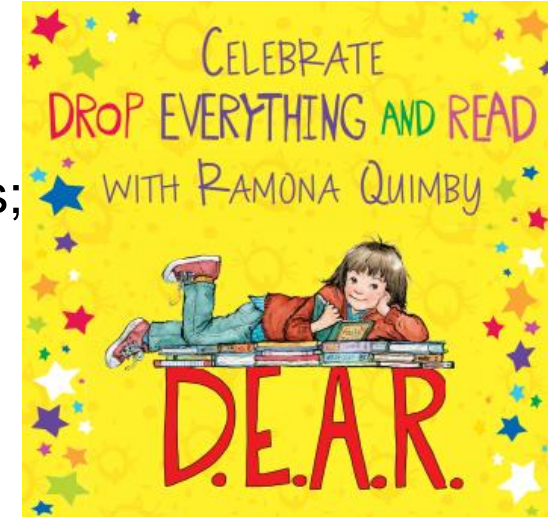
Presenters: Please avoid the use of speakerphone and make sure your computer speaker is muted if you dialed in via phone.

- 3) To ask or respond to a question using the **Chat** box, type your question and click the  icon or press Enter to send.



Overview

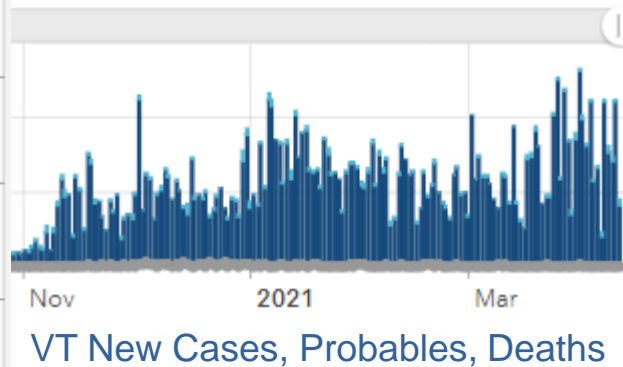
- **National D.E.A.R. Day** (*National Drop Everything and Read Day*)
 - Birthday of Beverly Cleary (April 12, 1916 – McMinnville, OR)
 - <https://www.nytimes.com/2021/04/06/travel/beverly-cleary-portland-oregon.html>
 - Celebrating Hideki Matsuyama: 1st win by Japanese man at the Masters; Patty Tavatanakit (ANA Inspiration) & Inbee Park (Kia Classic) winners
- Reminder – weekly event schedule:
 - **VCHIP/CHAMP/VDH calls: M/W/F**; Gov. Media Briefings Tues/Fri; VMS call with VDH Comm. Levine Thursday
- Situation, VDH, CDC, AAP updates
- Practice Issues: **Promoting Helmet Use in Children**
 - *Jessica VanNostrand, MD and Abby Beerman, MPH*
- Q & A/Discussion *[Please note: the COVID-19 situation continues to evolve very rapidly – so the information we’re providing today may change quickly]*



<https://www.readingrockets.org/calendar/dear>

Situation update

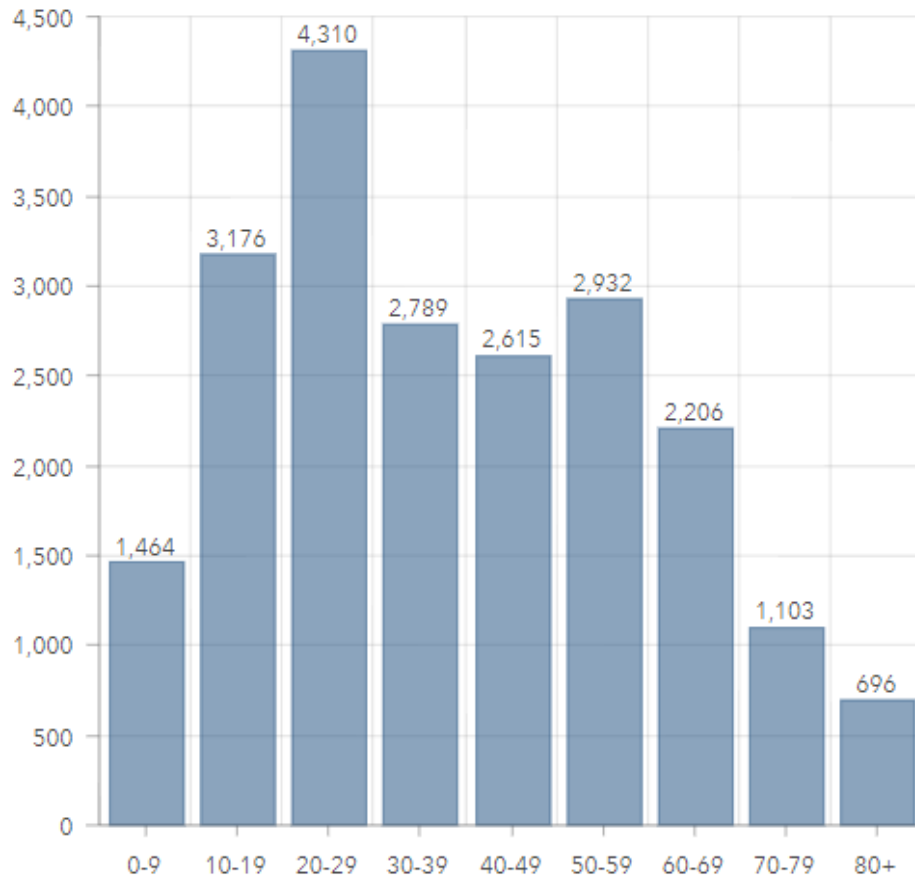
| |
|--|
| New Cases 91 21,291 Total |
| Currently Hospitalized 29 |
| Hospitalized In ICU 4 |
| Hospitalized Under Investigation 1 |
| Percent Positive 7-day Avg. 1.8% |
| People Tested 366,631 |
| Total Tests 1,436,236 |
| Recovered 17,441 81.9% of Cases |
| Deaths 233 1.1% of Cases |
| Last Updated: 4/12/2021, 10:50:55 AM |



- U.S. **31.2 million+** cases; **561,527 deaths**
 - <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html> (updated 4/12/21)
 - 4/11/21: **48,147 new cases; 296 d.; 43,706 hosp.**
 - Past week: average 69,632 cases/day (increase of 11% from average 2 weeks earlier)
 - **2.9 million+ deaths worldwide; 136.1 million+ cases)**
- **VDH Weekly Data Summary(4/9/21)**
 - **Weekly Spotlight Topic: Age Rate Changes** focuses on rate of COVID-19 by age over time.
 - SEE also: Case Demographics section with **detailed data on school-aged children**
 - Find previous summaries at: <https://www.healthvermont.gov/covid-19/current-activity/weekly-data-summary>

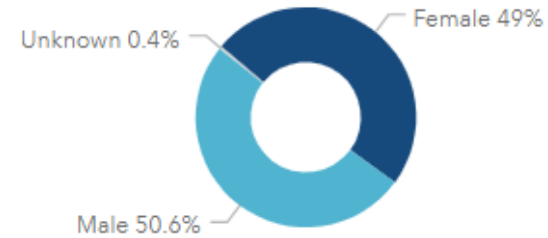
Situation update

Vermont COVID-19 Cases by Age Group

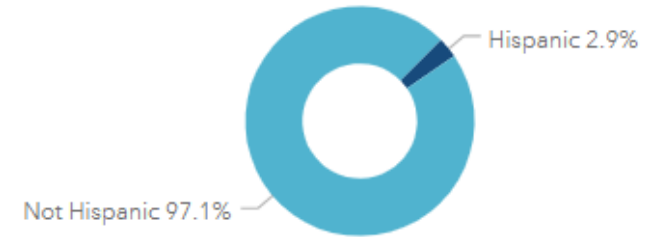


Case Demographics

Vermont COVID-19 Cases by Sex



Vermont COVID-19 Cases by Ethnicity if Known



Vermont COVID-19 Cases by Race if Known



COVID-19 Cases in VT K-12 Learning Communities (While Infectious)

- COVID-19 Cases in Vermont K-12 Learning Communities While Infectious
 - ▣ <https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Transmission-Schools.pdf>
 - ▣ Table updated **Tuesday & Friday** w/data through previous Sunday & Wednesday.

April 7, 2021

Cases in Vermont K-12 Learning Communities While Infectious

| Learning Community | Cases Reported In the Past 7 Days | Total Cases |
|--|-----------------------------------|-------------|
| Schools with less than 25 students are reported in the "Total for all Suppressed Schools" row at the end of the table. | | |
| TOTAL FOR ALL SCHOOLS | 109 | 1117 |

April 4, 2021

Cases in Vermont K-12 Learning Communities While Infectious

| Learning Community | Cases Reported In the Past 7 Days | Total Cases |
|--|-----------------------------------|-------------|
| Schools with less than 25 students are reported in the "Total for all Suppressed Schools" row at the end of the table. | | |
| TOTAL FOR ALL SCHOOLS | 109 | 1074 |

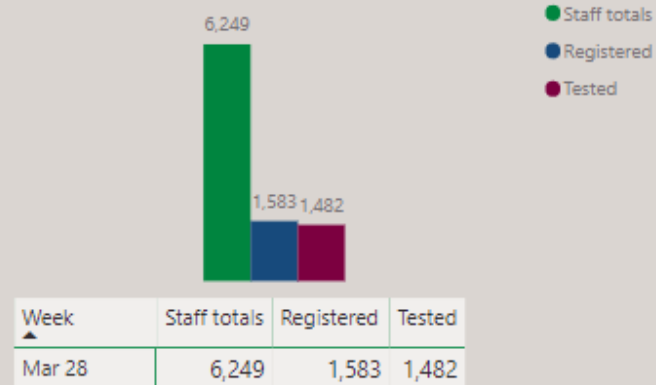
- VT College & University dashboards:
 - ▣ **UVM update** (week of 3/29-4/4/21): 54 new cases off campus; 40 on campus; 0 faculty; 3 staff
 - ▣ **Middlebury College results** (updated 4/6/21): 1 new case & 2 active cases.
 - ▣ **Norwich University: 2 current positives**

AOE School Staff Testing Dashboard

School Staff Testing: Weekly Summary

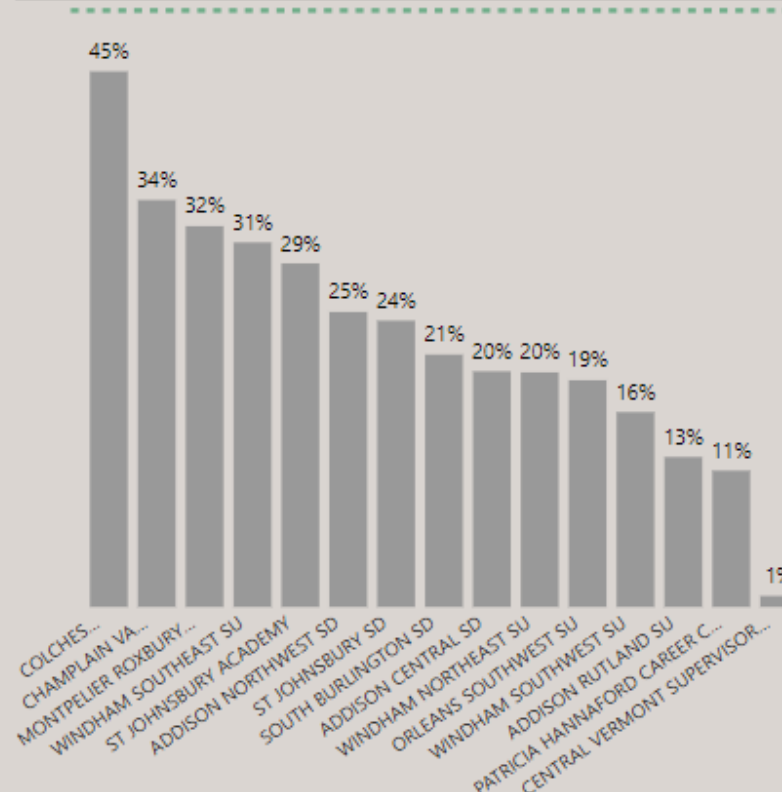


Summary



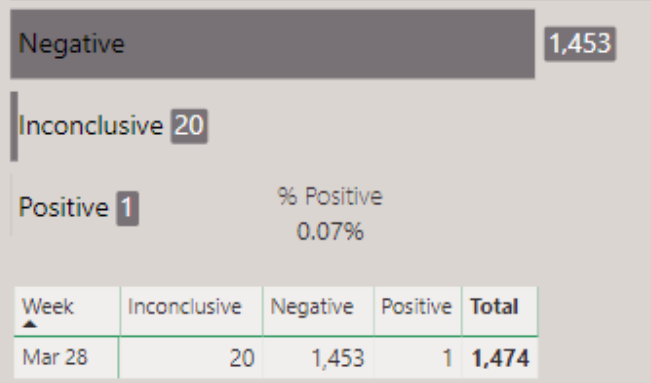
Select Testing Week: March 28, 2021

% Registered by SD/SU



| SD/SU | % Registered |
|-----------------------------------|--------------|
| COLCHESTER SD | 45% |
| CHAMPLAIN VALLEY SD | 34% |
| MONTPELIER ROXBURY SD | 32% |
| WINDHAM SOUTHEAST SU | 31% |
| ST JOHNSBURY ACADEMY | 29% |
| ADDISON NORTHWEST SD | 25% |
| ST JOHNSBURY SD | 24% |
| SOUTH BURLINGTON SD | 21% |
| ADDISON CENTRAL SD | 20% |
| WINDHAM NORTHEAST SU | 20% |
| ORLEANS SOUTHWEST SU | 19% |
| WINDHAM SOUTHWEST SU | 16% |
| ADDISON RUTLAND SU | 13% |
| PATRICIA HANNAFORD CAREER CTR SD | 11% |
| CENTRAL VERMONT SUPERVISORY UNION | 1% |
| Total | 25% |

Test Results



Data source: Vermont Testing/Vaccine Registration System.
Updated 4/7/2021 7:15:55 AM

Week of March 28; updated 4/7/21

<https://education.vermont.gov/news/covid-19-guidance-vermont-schools/school-staff-covid19-surveillance-testing/school-staff-covid-19-surveillance-testing-weekly-summary>

VDH COVID-19 Vaccine Dashboard

- Daily updates Tuesday thru Saturday
- Data = counts reported by end previous day; subject to change.
- <https://www.healthvermont.gov/covid-19/vaccine/covid-19-vaccine-dashboard>

NOTE (2/17/21): to align w/CDC reporting, # of doses rec'd. for VA & VNG were removed from # doses rec'd.; accounted for ~8,300 doses.

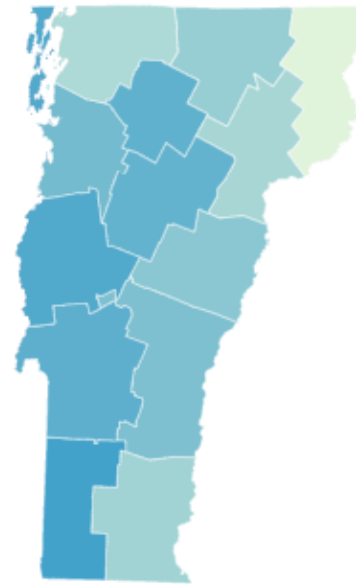
Vermont Vaccination Data

Vaccination by County

The percent of the county population that has received at least one dose of the vaccine

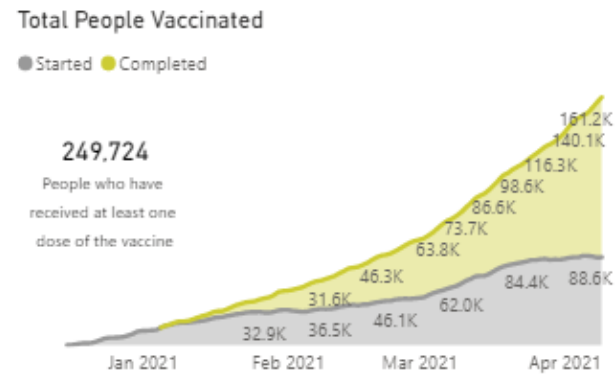
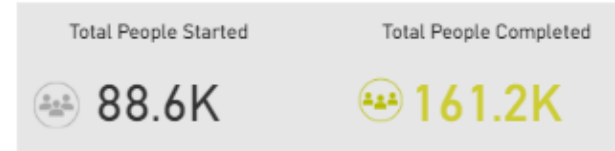
+ Show Race Detail

| County | Overall progress |
|------------|------------------|
| Addison | 49.3% |
| Bennington | 50.6% |
| Caledonia | 41.2% |
| Chittenden | 46.0% |
| Essex | 36.0% |
| Franklin | 40.7% |
| Grand Isle | 49.3% |
| Lamoille | 47.9% |
| Orange | 43.9% |
| Orleans | 42.7% |
| Rutland | 48.2% |
| Washington | 47.5% |
| Windham | 41.9% |
| Windsor | 45.1% |
| Vermont | 45.6% |



36.0% 50.6%

Summary By Age, Sex, Race, Ethnicity



Updated 4/10/2021 8:41:46 AM

VDH COVID-19 Vaccine Dashboard

- Daily updates Tuesday thru Saturday
- Data = counts reported by end previous day; subject to change.
- <https://www.healthvermont.gov/covid-19/vaccine/covid-19-vaccine-dashboard>

NOTE (2/17/21): to align w/CDC reporting, # of doses rec'd. for VA & VNG were removed from # doses rec'd.; accounted for ~8,300 doses.

Vermont Vaccination Data

Select County

All

Clear filters

By Age - Statewide

The percent of the statewide population of each age group that has received at least one dose of the vaccine

| Age | %* |
|----------------|--------------|
| 16 - 17 | 6.9% |
| 18 - 29 | 18.1% |
| 30 - 39 | 29.0% |
| 40 - 49 | 32.7% |
| 50 - 59 | 43.3% |
| 60 - 64 | 57.8% |
| 65 - 69 | 81.8% |
| 70 - 74 | 91.0% |
| 75+ | 88.0% |
| Vermont | 45.6% |

By Sex - Statewide

The percent of the statewide population of each sex that has received at least one dose of the vaccine

| Sex | %* |
|----------------|--------------|
| Female | 51.3% |
| Male | 39.6% |
| Vermont | 45.6% |

Sex information is missing for 0% of people vaccinated.

Summary

By Age, Sex, Race, Ethnicity

*Percentages reported as 95% here indicate >=95%. Values above 95% are suppressed to protect personal health information.

By Race - Statewide

The percent of the statewide population of each race that has received at least one dose of the vaccine

| Race | %* |
|--|--------------|
| Asian | 30.8% |
| Black or African American | 26.0% |
| Native American, Indigenous, or First Nation | 11.9% |
| Pacific Islander | 5.9% |
| Two or more races | 29.5% |
| White | 45.4% |
| Vermont | 44.5% |

Race information is missing for 5% of people vaccinated.

By Race/Ethnicity and Age

The percent of the statewide population of each race/ethnicity that has received at least one dose of the vaccine

| Race* | 16 - 64 | 65+ | Total |
|--------------------|--------------|--------------|--------------|
| BIPOC | 24.9% | 71.0% | 29.9% |
| Non-Hispanic White | 29.4% | 79.8% | 41.9% |
| Vermont | 29.0% | 79.6% | 41.1% |

Race/ethnicity information is missing for 10% of people vaccinated.

BIPOC refers to Black, Indigenous, and people of color.
Updated 4/10/2021 8:41:46 AM

VDH COVID-19 Vaccine Registration & Sites

<https://www.healthvermont.gov/covid-19/vaccine/getting-covid-19-vaccine>

MAKE AN APPOINTMENT

Use the blue button above to make an appointment through the Health Department website, which includes many [partner clinics](#).

You can also get an appointment at [Kinney Drugs](#), [CVS](#) or [Walgreens](#).

See [information on appointments](#), or [set up an account now](#).

ELIGIBILITY

- › People 30 years and older
- › People 16 years or older with high-risk health conditions
- › Parents and primary caregivers of children with high-risk health conditions
- › Black, Indigenous and people of color (BIPOC)
- › English language learners and people in immigrant/refugee communities
- › Health care personnel and residents of long-term care facilities
- › People who work in the public safety system
- › School staff and child care workers



Home Pharmacy + Savings + Shop + About Us + Conta

COVID-19 Vaccination Scheduling at Kinney Drugs in Ver

Currently, the State of Vermont all

- Vermont residents age 65+



Search

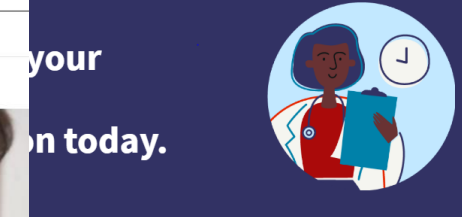
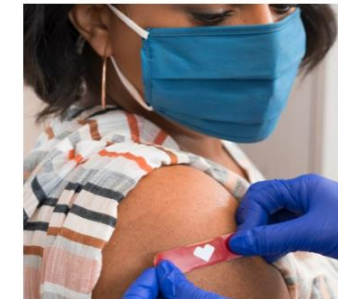
Pharmacy MinuteClinic® HealthHUB Shop ExtraCare® Contact Lenses Photo

Home › Pharmacy › COVID-19 Vaccine

Now offering the FREE* COVID-19 vaccine in select stores

We're administering the vaccine by appointment only based on local eligibility guidelines.

No cost with insurance or through federal program for the uninsured.



...cines are now available in some states at select stores to individuals 16 years of age and or Pfizer; 18 years of age and older for Moderna) who meet state-specific eligibility

Vermont Vaccine Eligibility (*updated 4/12/21*)

WHEN CAN VERMONTERS SIGN UP FOR A COVID-19 VACCINE?



| | |
|---|-----------------------------|
| Long-term care residents and staff, health care, first responders | Registration open now |
| Ages 65+ | Registration open now |
| Ages 16+ with certain high-risk health conditions | Registration open now |
| K-12 teachers and staff, child care, public safety | Registration open now |
| Ages 60+ | Registration open now |
| Ages 50+ | Registration open now |
| BIPOC households & caregivers of kids with high-risk conditions | Registration open now |
| Ages 40+ | Registration open now |
| Ages 30+ | Registration open now |
| Ages 16+ | Registration opens April 19 |
| Vermont college students with out of state addresses | Registration opens April 30 |

Most Vermonters should expect the entire process, from registration to when the vaccine is most effective, to take about two months.

Goal to have Vermonters fully vaccinated by July 2021

Updated 4.12.21

VDH COVID-19 Vaccine Registration & Sites (cont'd.)

- Appointments from **4/12/21 – 6/15/21**
 - **274,994 total appointments clinics:** health care, VDH (Local/District Health Office POD), and some pharmacies (e.g., Costco, Walmart)
- **Online (preferred) for most** and **phone** appointment scheduling:
 - 1-855-722-7878
 - *If you need to speak with someone in a language other than English, call this number, and then press 1.*
- **Call Center Hours:**
 - Monday-Friday, 8:15 a.m. – 5:30 p.m.
 - Saturday and Sunday, 10:00 a.m. – 3:00 p.m.

VDH Update – Safety Messages for Schools/Families



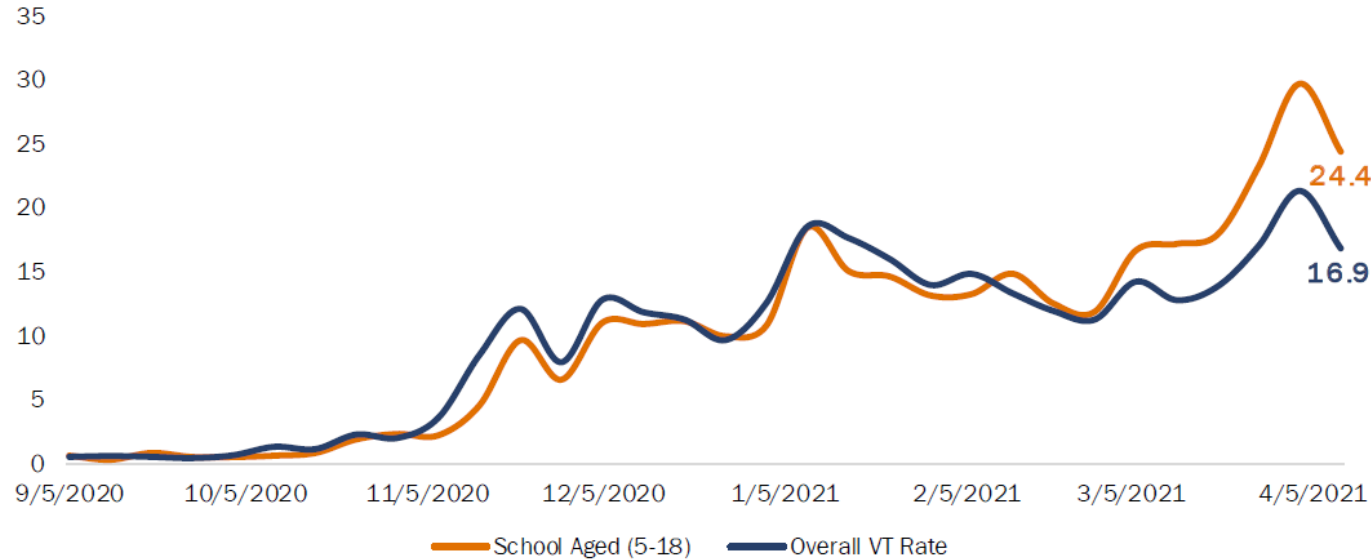
Spring COVID-19 Safety Messages for Schools to share with Families

April 2021

Messaging Toolkit for Schools: Celebrating the Spring and School Vacation Week

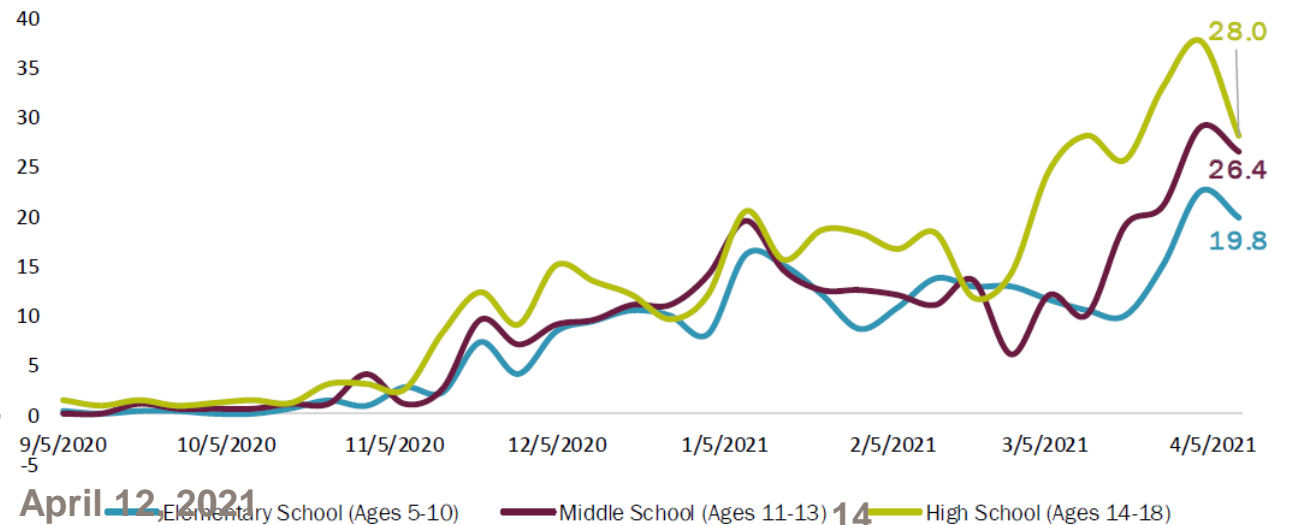
VDH Update – COVID-19 Cases in School Aged Children

Rates by Week: School Aged Children vs. Overall Vermont Rate



All rates calculated per 10,000 people.
14-18 yo age group does not include college students.

Rates by Week by School Category



Follow Up: COVID-19 Vaccine & Vermont Immunization Registry; Federal Retail Pharmacy Program Participation

From Bridget Ahrens MPH – VT Immunization Registry Manager

- Registry maintains a single consolidated record for each individual. If one dose given at pharmacy & second at hospital, it's all in patient record.
 - ▣ Most data is flowing very quickly – most doses are in the Registry within 5 days.
 - ▣ Most data is being reported to the Registry; the only large exception is for doses administered at VA Hospital (they do not report to us).

From Christine Finley, APRN MPH – VDH Immunization Program Manager

□ **Federal Retail Pharmacy Program**

- ▣ Central registration system: Walmart, Shaw's, Hannaford, Rite Aid, Price Chopper, COSTCO; Brattleboro pharmacy coming on soon
- ▣ Store registration: CVS, Kinney, Walgreen's have separate registration; Northfield pharmacy will be coming on

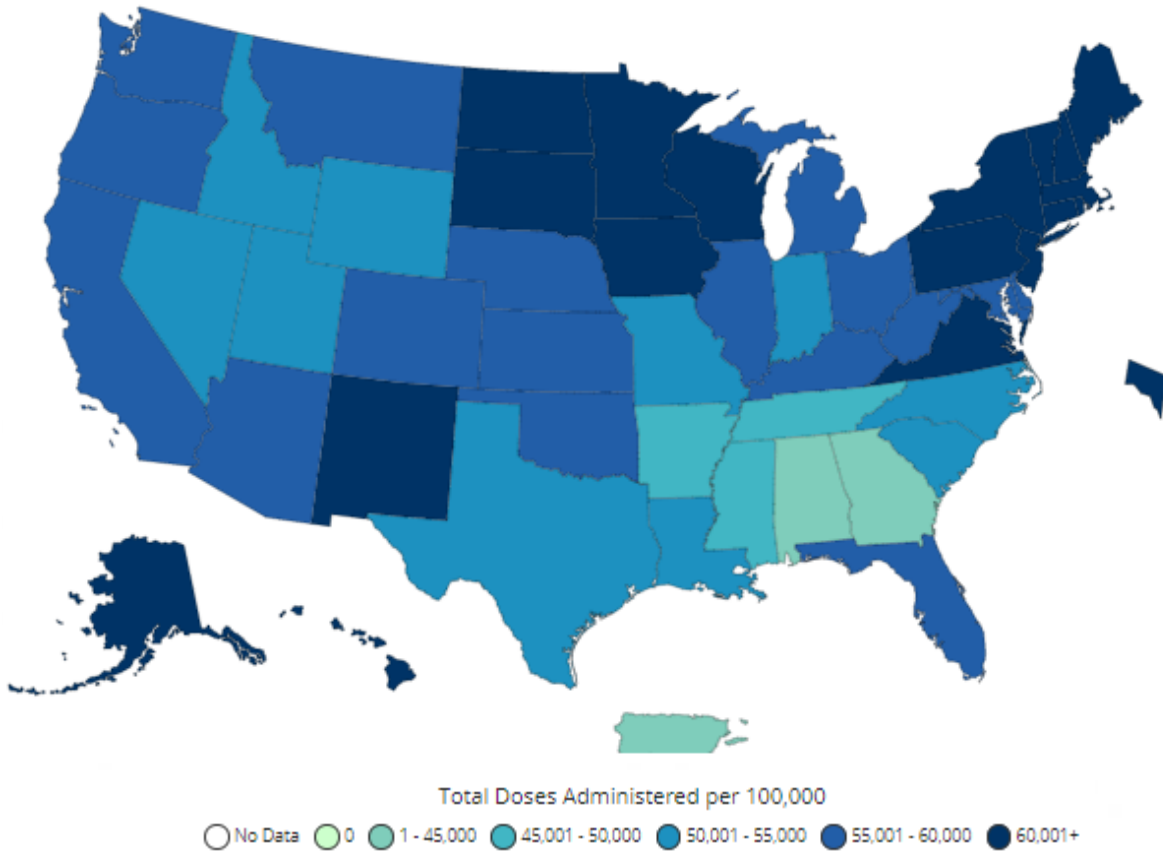
VDH Immunization Program Data Brief (March 2021)

COVID-19 Impact: Fewer Doses of Routine Childhood Vaccines

- ❑ Examines changes in immunizations reported for young VTers from 2019 – 2020 (time period most likely to be impacted by COVID-19)
- ❑ Infants/toddlers (0-36 mos.): (statewide) decrease of 5.6%
- ❑ Young Children (4-6 years): decrease of 7.1%
- ❑ Pre-teens (11-12 years): decrease of 7.3%
- ❑ Teenagers (13-17 years): decrease of 13.1%
- ❑ All percentages also shown by county (wide variation)
- ❑ Comparison of actual doses administered (statewide & by county) also provided

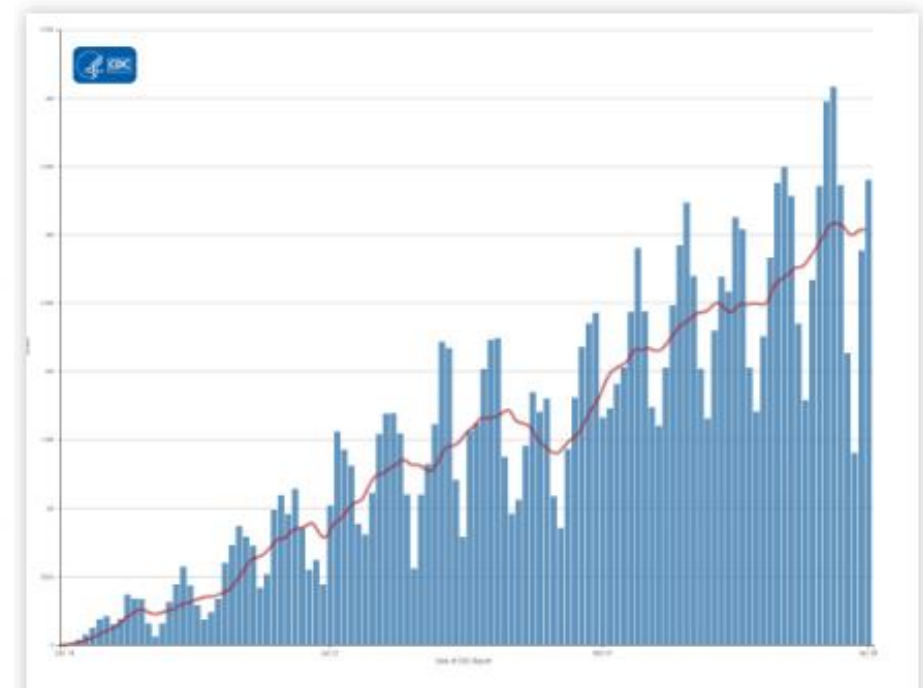
From the CDC Vaccine Tracker

Total Doses Administered Reported to the CDC by State/Territory and for Select Federal Entities per 100,000 of the Total Population



Daily Change in Number of COVID-19 Vaccinations in the United States Reported to CDC

— 7-Day moving average



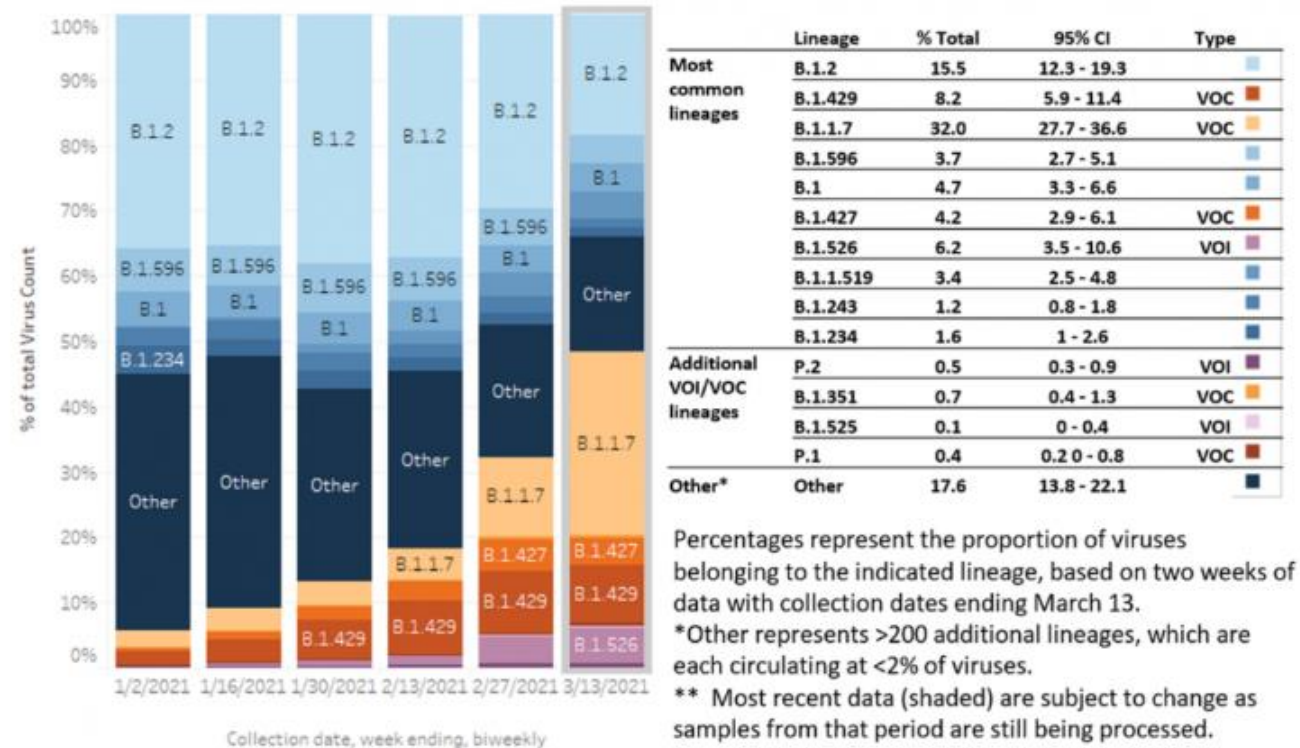
<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html>

<https://covid.cdc.gov/covid-data-tracker/#vaccinations>

April 12, 2021

From the CDC: SARS-CoV-2 Variants in the U.S.

Figure 1. SARS-CoV-2 Variants Circulating in the United States, January 2 – March 13, 2021[†]



<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-proportions.html>

VDH Updates

- Camp/summer program guidance under discussion – please stay tuned
- Vermont travel guidance and schools (clarification): **Q** can schools decide to require quarantining after travel for students/staff even though Vermont Forward has removed this?
 - ▣ **A:** No, they cannot – they are to follow Vermont Forward and state guidance.
 - ▣ School districts do not have the authority to arbitrarily deny students access to in-person instruction.
 - ▣ Includes independent schools which are under the jurisdiction of AOE; waiting to hear about boarding schools.
- **Q:** Does this also apply to childcare guidance?
 - ▣ **A:** Childcare guidance is being updated separately; update should be available to the field soon (child care regulated by CDD/DCF, **not** AOE).

From the AAP

- New hires for AAP national Senior Leadership Team to provide strategic guidance for population health initiatives
- Cheryl De Pinto, MD, MPH, FAAP
 - ▣ **Senior Vice President of Primary Care and Subspecialty Pediatrics** – will lead initiatives related to pediatric practice, subspecialty pediatrics, physician payment, child health financing, and health policy specific to children’s health insurance status and the changing structure of practice-based operations.
- Xavier Sevilla, MD, MBA, CPHQ, CPPS, FAAP
 - ▣ **Senior Vice President of Quality** – will lead quality and health information technology initiatives, including the development, implementation
- Happening now: AAP Advocacy Conference (virtual): strong AAP-VT delegation led by chapter president Rebecca Bell, MD FAAP



Practice Issues

Promoting Helmet Use in Children

Jessica VanNostrand, MD – PGY2, UVM CH

Abby Beerman, MPH – Injury Prevention Coordinator, UVM CH



THE
University of Vermont
Children's Hospital



**Primary Care
Providers
Promoting
Helmet Use in
Children**

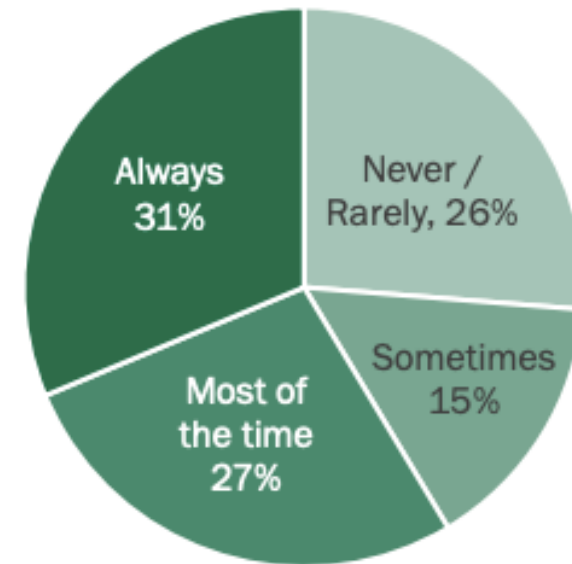
Medical Homes
Partnering with
the UVMHC
**Protect your
Head at All Times**
Program

THE
University of Vermont
Children's Hospital

Helmet Use Matters

- Proper helmet use can prevent 60-85% of head and face injuries in bike accidents
- About half of school age children report “always” wearing a helmet when riding a bike, while 30% self report “never” wearing a helmet
- Of Vermont middle school students, 31% “always” wear a helmet and 26% “never” helmet
- The AAP recommends pediatricians counsel on consistent helmet use for children and caregivers

Bike Helmet Use
(Among Students Who Ride)



Protect your Head at All Times (PHAT) and the Medical Home

PHAT provides helmets to partner sites for distribution to children and families.

- No cost to PCP offices
- \$10 cost per helmet to families
- All sizes available
- Minimal storage space required
- Sizes re-stocked by PHAT



Thank you for preventing head injuries!

Please complete our survey:

<https://redcap.med.uvm.edu/surveys/?s=KR3CLDAJFP>

For further information about PHAT

or **becoming a PHAT practice partner** contact:

Jessica VanNostrand jessica.vannostrand@uvmhealth.org

Abby Beerman abby.beerman@uvmhealth.org

References

Committee on Injury and Poison Prevention. (2001). Bicycle Helmets. *Pediatrics*, 108(4). 1030-1032.

Dellinger, A.M. and Kresnow, M. (2010). Bicycle helmet use among children in the United States: the effects of legislation, personal, and household factors. *Journal of Safety Research*, 41 (4). 375-380.

Jewett, A., et al. (2016). Bicycle helmet use among persons 5 years and older in the United States. *Journal of Safety Research*, 59. 1-7.

Vermont Department of Health (2019). Youth Risk Behavior Survey.



In case you missed it...

Pediatric Grand Rounds (4/7/21)

- **Variants, Vaccines, and Vistas: An Update on SARS-CoV-2** – *William Raszka, MD FAAP, UVM LCOM Professor of Pediatrics; Division Chief Pediatric Infectious Diseases, UVM Children's Hospital*
 - ▣ Chat Monitor & Provider of Real-Time Responses: Benjamin Lee, MD
- **Outline:**
 - ▣ Defining mutation/variant/lineage/strain
 - ▣ Variants: emerging faster than expected & not stable; may lead to increased infectivity or reduced susceptibility to vax-generated response/previous infection
 - ▣ Vaccines: development (beyond mRNA); landscape of prevention against variants; prev. of asympto infection; effectiveness (mRNA); boosters
 - ▣ Predicting the future for VT learning communities this fall
 - ▣ **Request a link** to view the recording: Penelope.Marchessault@med.uvm.edu

VCHIP ICON Statewide Teleconference

- **What:** *Adaptations and Innovations: Providing Care for Opioid-Exposed Newborns and Their Families in a Pandemic*
 - ▣ **Agenda topics include:** Updates on Care; Healing for Healers; Building Resilience to Navigate Through Stressful Times; UVM Center on Rural Addiction; Providers' Experience; Supporting Families – Adapting Home Health Services in Lamoille County
- **When:** April 13, 2021, 8:00 a.m. – 12 noon
- **How:** register at https://qualtrics.uvm.edu/jfe/form/SV_cTK9jFgdHNkXwVM
- **More:** VCHIP's ICON project partners with the Vermont Department of Health and the University of Vermont Children's Hospital to improve health outcomes for opioid-exposed newborns.
- To learn more about our project, visit: <https://www.med.uvm.edu/vchip/icon>

- **What**: QI Grand Rounds: free webinar & discussion series:
NAS Care and Health Equity
 - ▣ Discussion of strategies for addressing inequity in the care of infants & mothers with opioid exposure, including approaches to harm reduction & reducing overtreatment, partnering with families, & other topics related to quality improvement in NAS
- **When**: Thursday, April 15, 2021 at 3:00 p.m. ET
- **Who**: (faculty): Stephen Patrick, MD, MPH; Lenora Marcellus PhD, MN, BSN, RN; Adrienne Pahl, MD; Erika Edwards, PhD, MPH; Roger Soll, MD
- **How**: register at <https://public.vtoxford.org/qi-grand-rounds/>

Save the Date!

- What? **Child maltreatment conference**
- Who? **James Metz, MD MPH** & other expert speakers
- When? **April 29**, 8 am – 12:15 pm via live stream
- How? **Register at:**

<http://campaign.r20.constantcontact.com/render?ca=3cdb8290-cfe5-4dbb-b73b-29ecabed13f0&preview=true&m=1130384660698&id=preview>



**Recognizing and Responding to Child Maltreatment
Promoting Child Abuse Awareness in VT Conference**

**Thursday, April 29, 2021
8:00am -12:15pm
LIVE STREAM**

This conference will help the professional to recognize sentinel injuries, sexual abuse and neglect. Participants will learn about the mental health implications of trauma and abuse and will learn strategies for effective reporting.



James Metz, MD, MPH - Course Director

Assistant Professor, Pediatrics
Division Chief, Child Abuse Medicine
UVM Larner College of Medicine

*"Recognizing Sentinel Injuries" and
"Child Neglect"*

Save the Date: Friday, June 4, 2021



Course Director
David C. Rettew, M.D.

Join us virtually for the 14th Annual Child Psychiatry in Primary Care Conference, featuring faculty from UVM and the community.

Topics this year include:

- Assessing Risks After School Violence Threats
- Mental Health Care Needs in Primary Care
- Child Psychiatry in the Emergency Department
- Integrated Care Forum
- Praising and Overpraising
- Post COVID Mental Health
- Anxiety Disorders
- Motivational Interviewing Techniques
- Social Media Use and Mental Health

Questions/Discussion

- Q & A Goal: monitor/respond in real time; record/disseminate/revisit later as needed.
- **For additional questions, please e-mail: vchip.champ@med.uvm.edu**
 - ▣ **What do you need** – how can we be helpful (specific guidance)?
- **VCHIP CHAMP VDH COVID-19 website:**
https://www.med.uvm.edu/vchip/projects/vchip_champ_vdh_covid-19_updates
- Next CHAMP call – ***Wednesday, April 14, 2021 – 12:15 – 12:45 pm***
- Generally back to **Monday/Wednesday/Friday** schedule
- Please tune in to VMS call with VDH Commissioner Levine:
Thursday, April 15, 2021 – 12:30-1:00 p.m. – Zoom platform & call information:
- **Join Zoom Meeting:**
<https://us02web.zoom.us/j/86726253105?pwd=VkVuNTJlZFQ2R3diSVdqdJlJ2ZG4yQT09>
 - ▣ Meeting ID: 867 2625 3105 / Password: 540684
- One tap mobile - +1 646 876 9923,,86726253105#,,,,0#,,540684#