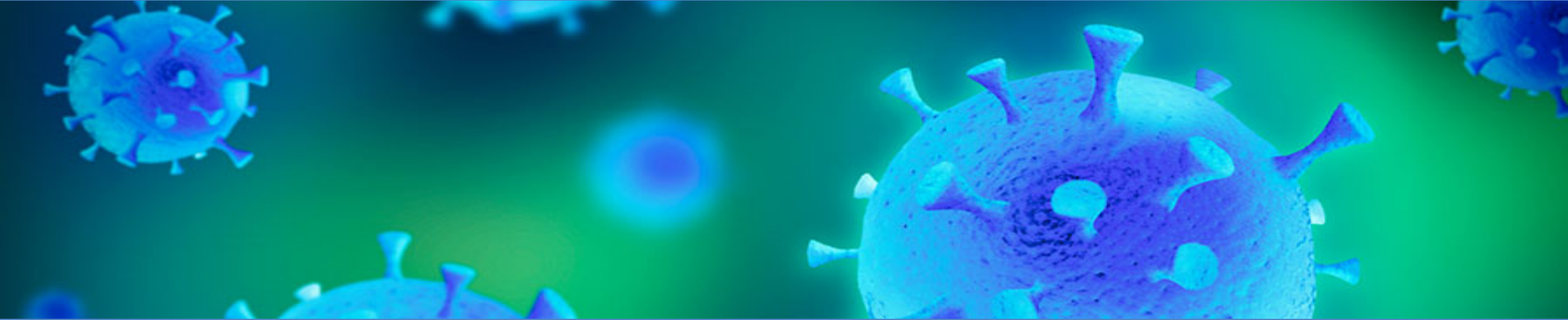


VCHIP / CHAMP / VDH COVID-19 UPDATES



Wendy Davis, MD FAAP - Senior Faculty, Vermont Child Health Improvement Program, UVM
Breena Holmes, MD FAAP – VCHIP Senior Faculty & Physician Advisor, MCH Division, VDH
January 11, 2021



Technology Notes

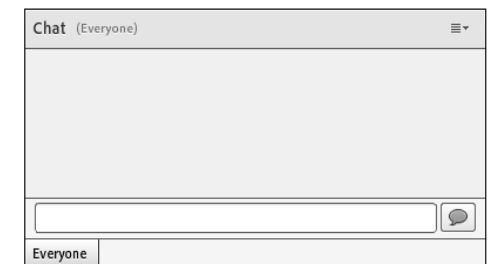
- 1) All participants will be muted upon joining the call.
- 2) If you dialed in or out, **unmute by pressing #6** to ask a question (and press *6 to mute).
If you are having audio difficulties and are using your computer speakers, you may wish to dial in:

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 Human Trafficking Awareness Day**
 - ❑ SEE: Office on Trafficking in Persons (OTIP)
<https://www.acf.hhs.gov/otip>
- ❑ *Reminder* – weekly event schedule:
 - ❑ **VCHIP/CHAMP/VDH calls: M/W/F**; Gov. Media Briefings Tues/Fri; VMS call with VDH Commissioner Levine Thursday.
 - ❑ **Week of Jan. 18: calls on Monday (MLK Day & Friday; (NO call Wednesday, 1/20 – Inauguration Day)**
- ❑ Situation, VDH, vaccine updates;
- ❑ Practice Issues: **Update from the VDH IZ Program**
- ❑ Q & A/Discussion

[Please note: the COVID-19 situation continues to evolve very rapidly – so the information we’re providing today may change quickly]

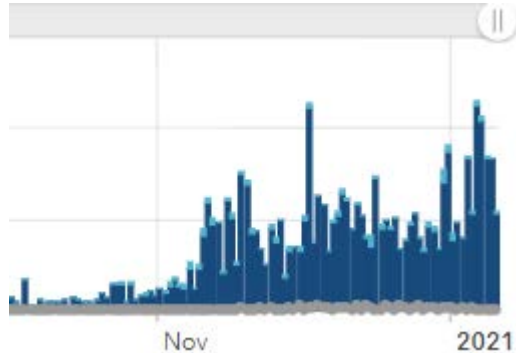


**NATIONAL
HUMAN
TRAFFICKING
HOTLINE**

1-888-373-7888

Situation update

New Cases
109
9,078 Total
Currently Hospitalized
47
Hospitalized In ICU
10
Hospitalized Under Investigation
6
Percent Positive 7-day Avg.
2.6%
People Tested
280,012
Total Tests
761,740
Recovered
6,027
66.4% of Cases
Deaths
156
1.7% of Cases
Travelers Monitored
246
Contacts Monitored
203
People Completed Monitoring
12,107
Last Updated: 1/11/2021, 11:36:43 AM



VT New Cases, Probables, Deaths

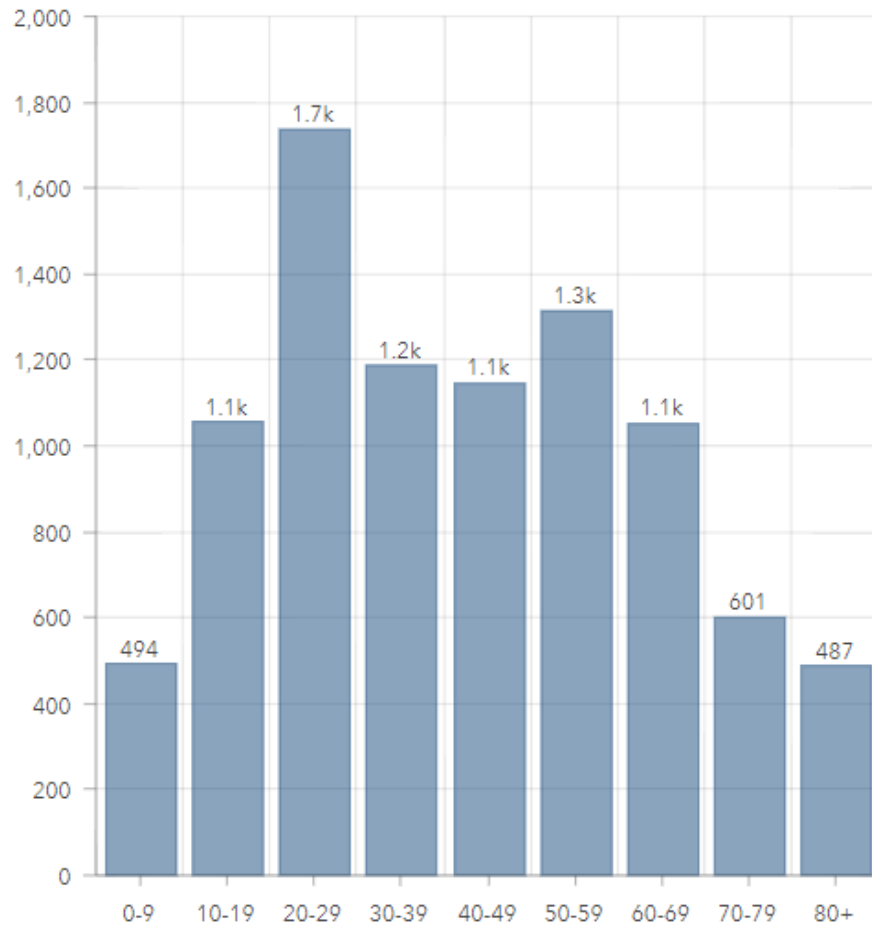
- U.S. 22.4 million+ cases; **374,428 deaths**
 - ▣ <https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html> (updated 1/11/21)
 - ▣ 1/10/21: **208,338 new cases; 1,777 d.; 129,229 hosp.**
 - ▣ Past week: average 254.866 cases/day (increase of 38% from average 2 weeks earlier)
 - ▣ **1.9 million+ deaths worldwide** (90.3 million+ cases)
- **VDH Weekly Data Summary(1/8/21)**
 - ▣ **Weekly Spotlight Topic: Town Level Data**
- Find previous summaries at:
 - ▣ <https://www.healthvermont.gov/covid-19/current-activity/weekly-data-summary>

<https://www.healthvermont.gov/covid-19/current-activity/vermont-dashboard>

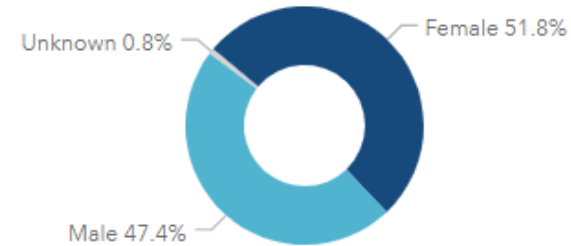
January 11, 2021

Situation update

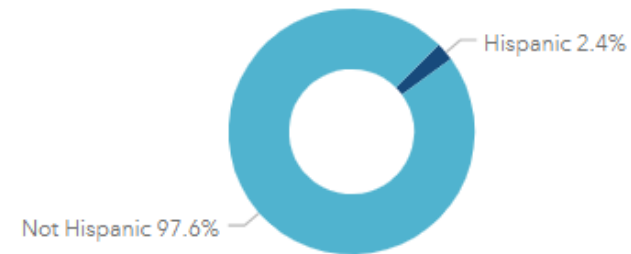
Vermont COVID-19 Cases by Age Group



Vermont COVID-19 Cases by Sex



Vermont COVID-19 Cases by Ethnicity if Known



Vermont COVID-19 Cases by Race if Known



Case Demographics

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

□ COVID-19 Cases in Vermont K-12 Learning Communities While Infectious (dashboard)

- ▣ <https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-Transmission-Schools.pdf>
- ▣ Table updated **Tuesday & Friday** w/data through previous Sunday & Wednesday. As posted **1/8/21: 277** total cases; 4 cases reported in preceding 7 days.

January 6, 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	4	277

□ VT College & University dashboards:

- ▣ Now on break from on-campus learning: <https://dfr.vermont.gov/about-us/covid-19/school-reopening>

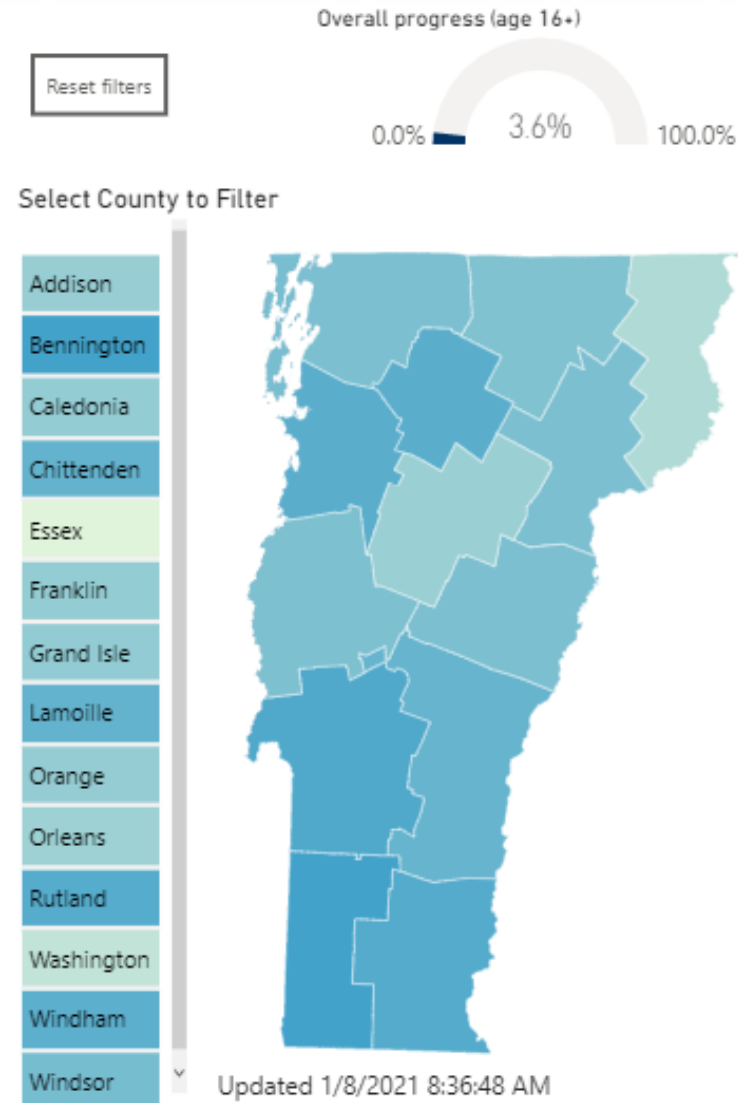
January 3, 2021

Cases in Vermont K-12 Learning Communities While Infectious

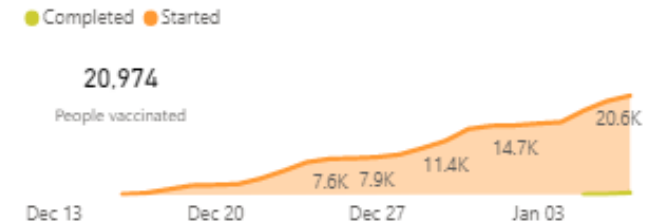
Learning Community	Cases Reported In the Past 7 Days	Total Cases
Schools with less than 25 students are reported in the "Total for all Suppressed Schools" row at the end of the table.		
TOTAL FOR ALL SCHOOLS	7	275

VDH COVID-19 Vaccine Dashboard

- Updated Tues/Friday
 - ▣ Daily starting this week?
- Data = counts reported by end previous day; subject to change.
- Expect enhancements as more info available.
- <https://www.healthvermont.gov/covid-19/vaccine/covid-19-vaccine-dashboard>



Total People Vaccinated

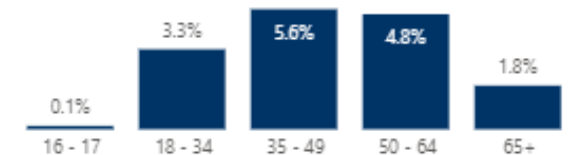


Show rates by Race/Ethnicity

Show rates by Age/Sex

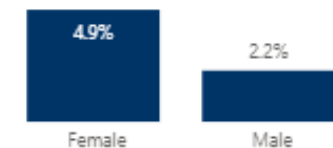
By Age - Statewide

The percent of the Statewide population by age that has been vaccinated.



By Sex - Statewide

The percent of the Statewide population by sex that has been vaccinated.



Sex information is missing for 0.1% of people vaccinated.

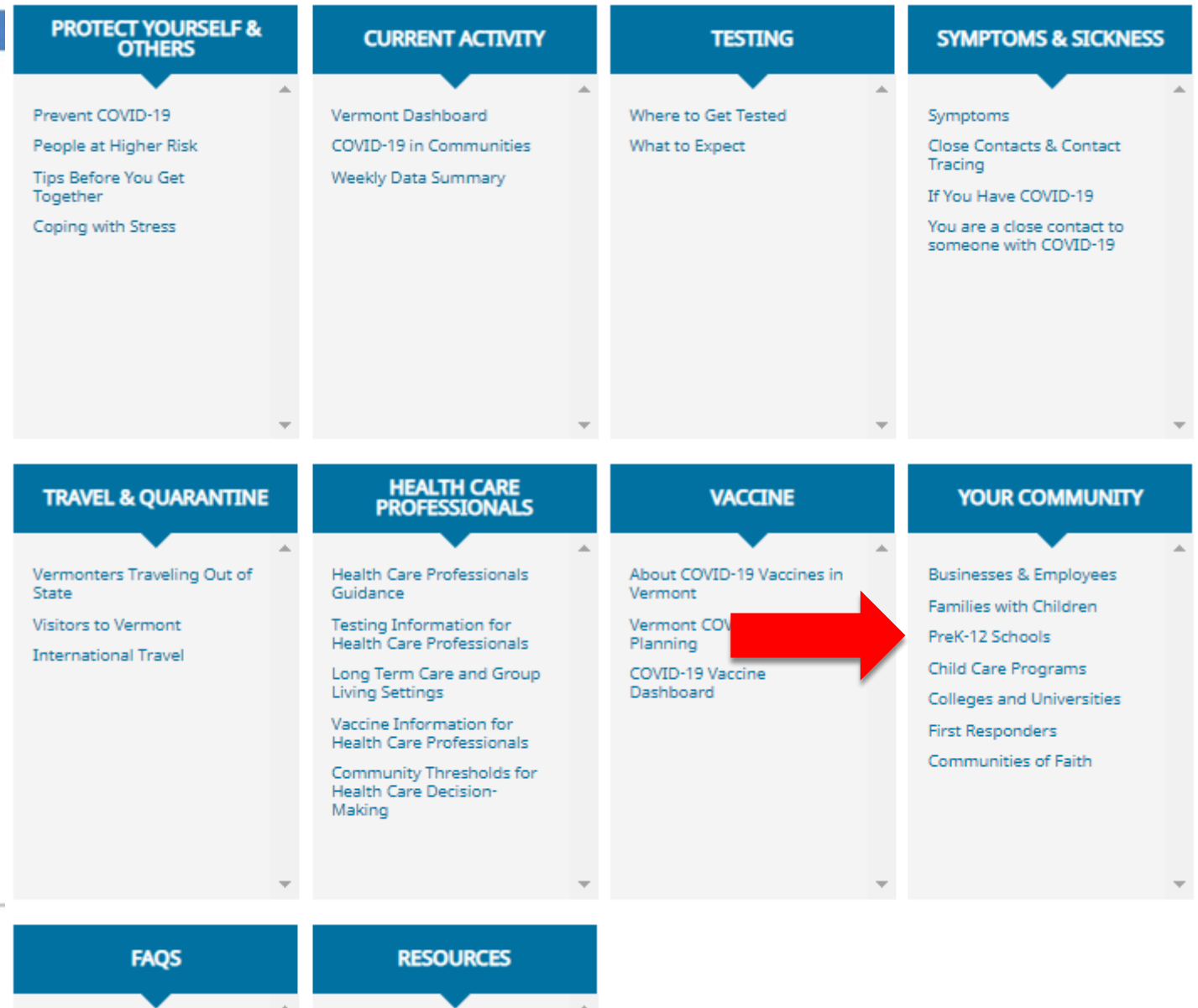
VDH Updates: Testing

Testing capacity:

- ~267 sites (257 CIC on-demand; 10 pop-ups) posted 1/11/21 – 1/31/21
 - ▣ Same-day testing slots now posted all day; **28,009** slots currently open.
- **NOTE:** VDH posted testing sites are intended for **asymptomatic** pts.; prefer symptomatic pts. to seek connection to PCP/medical home.
- CIC locations include:
 - ▣ Bennington, Berlin, Brattleboro Mem. Hosp, Burlington, Fairlee, Hardwick, Island Pond, Middlebury, Morrisville, N. Country Hosp, Northfield, Springfield, RRMC, St. J, Stratton, Waitsfield, Waterbury, Williamstown, Williston, Winooski
 - ▣ Days of the week/hours vary by site
- Pop-up locations listed: Burlington, Colchester, St. Albans, Williston

COVID-19 & Schools: Finding Info on VDH Web Site

- VDH main web page:
<https://www.healthvermont.gov/covid-19> (shown here)
- VDH PreK-12 Schools:
<https://www.healthvermont.gov/covid-19/your-community/prek-12-schools> (see **arrow**)
- Useful documents:
Guidance; Preparing for a positive case; Templates and Forms for Schools to Use; Resources and Posters



COVID-19 & Schools

- Several schools w/cases but not a greater burden than pre-holiday break
- Current operational approach (**please see today's Q & A document**)
 - ▣ Web site documents being updated (see previous slide)
- Note: Governor/AOE Secy. call for fully in-person school ~April
 - ▣ Supported by VERY low in-school transmission (cases, teacher surveillance)
 - ▣ Teachers continue to express interest in being vaccinated.
- Schools will likely need support – ***seeking your assistance!***
- School Reopening Task Force not likely to reconvene soon

MMWR: Report from VDH

- Assessment of Day-7 Postexposure Testing of Asymptomatic Contacts of COVID-19 Patients to Evaluate Early Release from Quarantine — Vermont, May–November 2020 (January 8, 2021 / 70(1);12–13)
 - ▣ Amanda Jones, MPH; Veronica Fialkowski, MPH; Lauren Prinzing, MPH; Jeffrey Trites, MS; Patsy Kelso, PhD; Mark Levine, MD
 - ▣ <https://www.cdc.gov/mmwr/volumes/70/wr/pdfs/mm7001a3-H.pdf>
- Reflects data collected after VDH policy change (May) shortening quarantine to 7d. If asymptomatic w/negative PCR test.
- “Policy effective” & did not result in transmission SARS-CoV-2; only 3% (34/977) tested positive **on** day 7. Supports recent CDC updated quarantine guidance (shorten quarantine) & identifies some asymptomatic patients earlier in course of illness.

MMWR: Vaccine Adverse Events

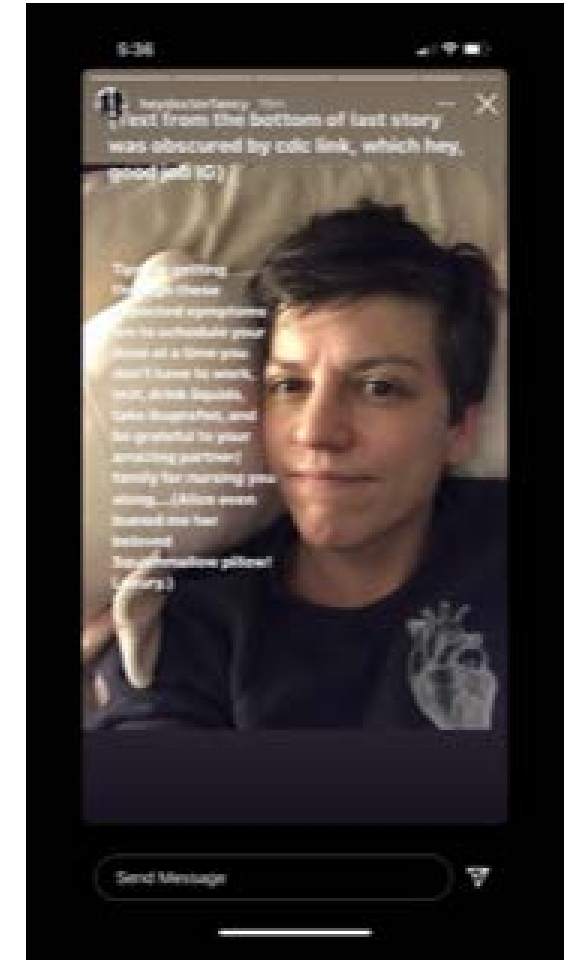
- *Early Release (1/6/21): Allergic Reactions Including Anaphylaxis After Receipt of the First Dose of Pfizer-BioNTech COVID-19 Vaccine — United States, December 14–23, 2020*
 - CDC COVID-19 Response Team; Food and Drug Administration
- *What is added by this report?* From VAERS(12/14-23/20): **21 cases of anaphylaxis** after administration of a reported 1,893,360 first doses of the Pfizer-BioNTech COVID-19 vaccine (**11.1 cases per million doses**); 71% of these occurred within 15 minutes of vaccination.
- *What are the implications for public health practice?* Vaccine sites should adhere to CDC guidance, including screening for contraind./precautions; be prepared to manage anaphylaxis; follow observation periods, etc.

COVID-19 Vaccine: 2nd doses and side effects

Social Media (Instagram)
posts from trusted
pediatricians

- Rebecca Bell, MD FAAP
- L E Faricy, MD FAAP

Check them out!



In the News (this slide updated following today's call)

- Boston Globe opinion (1/11/21)

- ▣ <https://www.bostonglobe.com/2021/01/11/opinion/vaccinate-youngest-first/>

Federal Partner news:

- FDA: alert to healthcare providers/labs re: B.1.1.7 variant “may cause some false negatives on certain molecular tests...tests that rely on multiple regions may be less impacted than those that only rely on a single region.” (see today's Q & A document for additional information)
- CDC article: SARS-CoV-2 Transmission From People Without COVID-19 Symptoms
 - ▣ Decision analytical model: asymptomatic transmission est. to account for > half of all transmissions.

(National) AAP Updates

- **Latest AAP COVID-19 Town Hall: Thursday, 1/7/21**
 - ▣ ***COVID-19 and Safe Return to School Q & A***
 - ▣ Summary article in AAP News:
<https://www.aappublications.org/news/2021/01/08/covid19-schools-qa-010821>
- Revised COVID-19 interim guidance: ***Safe Schools*** – now posted on AAP COVID-19 page
 - ▣ <https://services.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/clinical-guidance/covid-19-planning-considerations-return-to-in-person-education-in-schools/>

In Case You Missed It/Coming Attractions

- UVM MC OB Grand Rounds (January): Tuesdays, 7:30 – 8:30 (*T-Y, M. Kaufold*)
 - ▣ Vermont Plan of Safe Care 2.0: Updates/Tools (Michelle Shepard, MD PhD; 1/12/21); Provider Bias & Cultural Humility (1/19/21); Patient & Family Centered Care (1/26/21)
 - ▣ COVID Vaccine in Prepregnancy, Pregnancy, & Lactation (Marj Meyer, MD; 12/22/20)
- UVM Children's Hospital/Pediatric Grand Rounds (January)
 - ▣ Take a Deep Breath: A New Population Health Outcome Measure for Pediatric Asthma (Keith Robinson, MD; 1/20/21); Contemplating the Use of Mindfulness in Pediatrics: A Call to Non-Doing (Andrew Rosenfeld, MD; 1/27/21)
- KidSafe Collaborative Legislative Forum (virtual): Mon., **1/25/21**, 9:30-11:00 a.m.
- DHMC Emergency Medicine Grand Rounds – Wed., **Jan. 20**, 2021 (12-1)
 - ▣ **Critical Child Abuse Literature: Seminal Articles on Sentinel Injuries**
 - ▣ Amy Doolan Roy, MD, Med. Director Ped ED, Elliot Hosp. (LCOM grad!)

Practice Issues

COVID-19 Vaccine: VDH Immunization Program Update

Christine Finley, APRN MPH – VDH Immunization Program Mgr.

Merideth Plumpton, RN – Nurse Program Coordinator



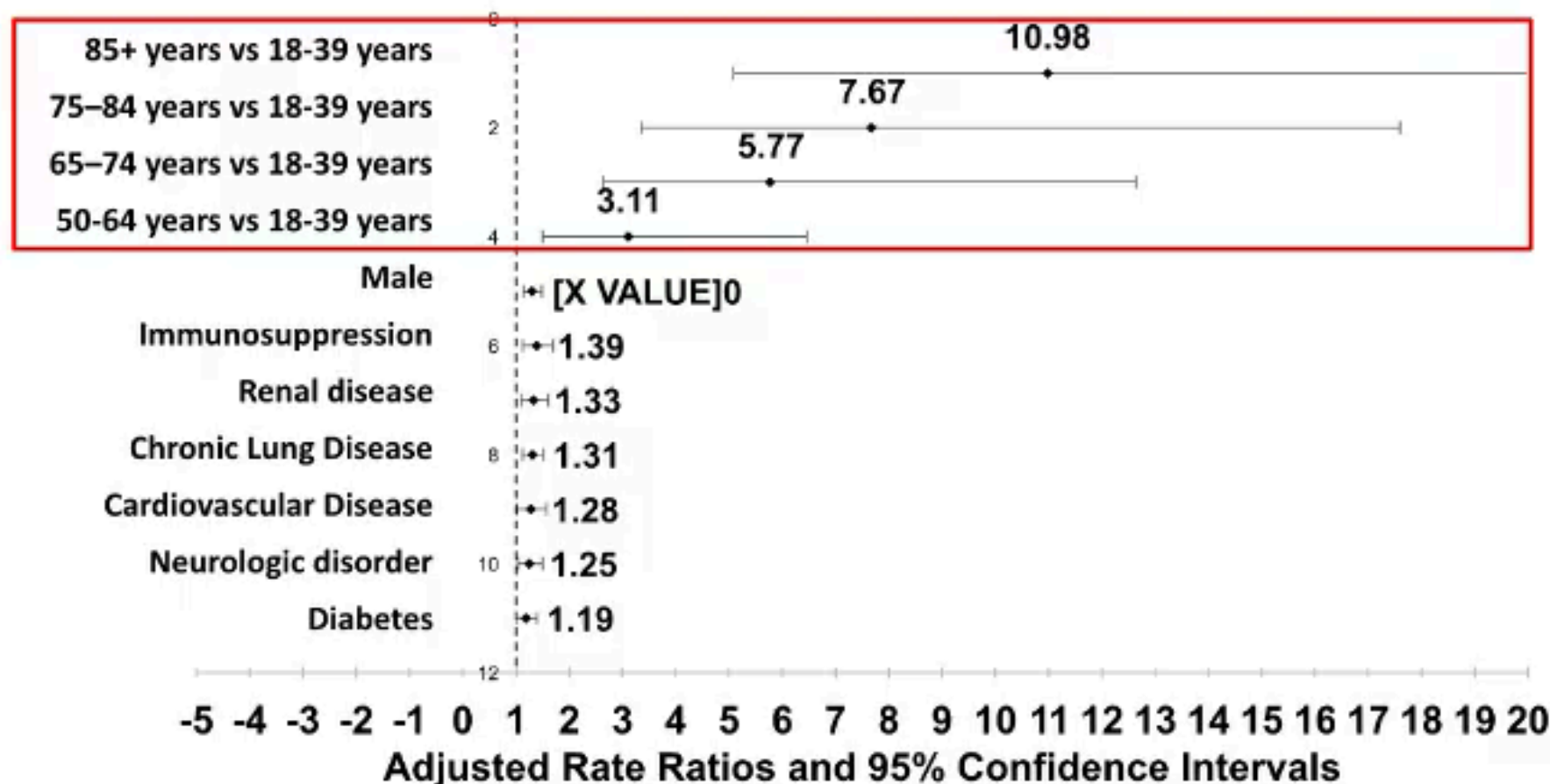
COVID-19 Vaccine Notes

- Vermont Vaccine Implementation Advisory Committee
- Met Friday, 1/8/21:
 - Began looking at high-risk conditions/natl. stats on COVID in these populations (including health conditions and BIPOC community).
 - Plan to convene small clinical work group to discuss which conditions to include (after age-banding to age 40).
- Logistics are exceedingly complex & require coordination among multiple state agencies and community groups
- VDH Immunization Program responsible for certain aspects in coordination with partners
- *This just in:* AHS RFP COVID-19 Vaccination Clinic Support

COVID-19 Vaccine Questions

- Who decides (or how is it decided) how much vaccine is distributed to whom, and whether Pfizer or Moderna?
- Would appreciate an explanation from VDH as to WHY there is so much unpredictability about the next phase of distribution.
- Can you comment on the timeline to get congregate care facilities vaccinated? These are by far the highest risk population in our community and many of them have yet to be vaccinated.
- The NYT is reporting that VT has received 37K doses but only administered 50% - is that accurate and if so why is this the case?
- “Hearing about vaccine doses being wasted – want to be sure the guidance allows the use of unused expiring doses even on people that are not 1A .”
- SVMC online vaccine registration system for 1a group – will this option be available as other groups will be vaccinated?”

Risk for In-Hospital Death among Adults Hospitalized with COVID-19 Increased with Age



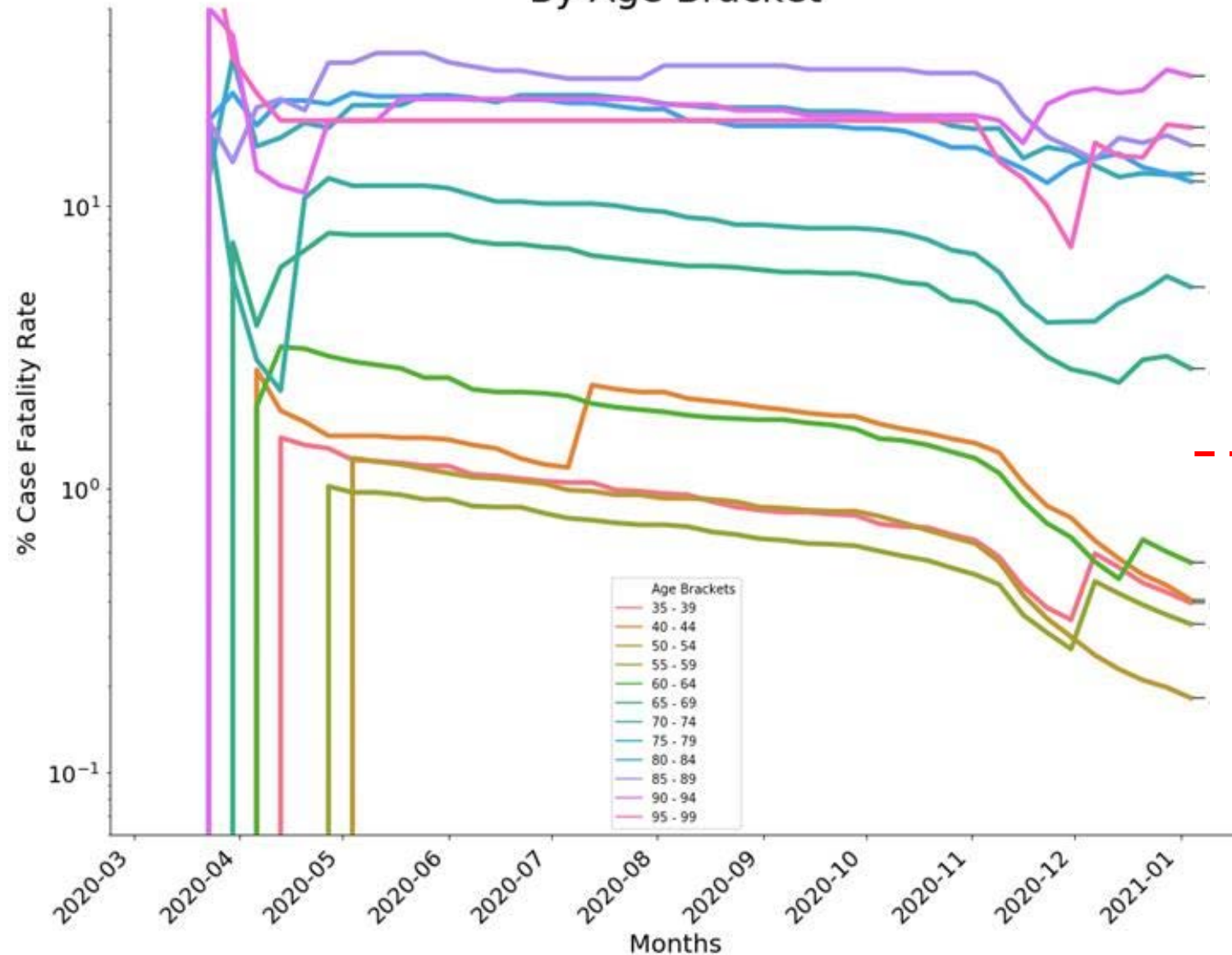
*COVID-NET Surveillance; Final model adjusted for age, sex, race/ethnicity, smoker, hypertension, obesity, diabetes, chronic lung disease, cardiovascular disease, neurologic disease, renal disease, immunosuppression, hematologic disorders, and rheumatologic or autoimmune disease.

Kim 2020 CID: <https://doi.org/10.1093/cid/ciaa1012>

Demographics by Age-bands



Case Fatality Rate of COVID-19 Deaths in Vermont By Age Bracket



VT CFR 1.9%

Age 95-99: 18.9%

Age 90-94: 28.7%

Age 85-89: 16.3%

Age 80-84: 12.2%

Age 75-79: 13.0%

Age 70-74: 5.2%

Age 65-69: 2.7%

Age 60-64: .5%

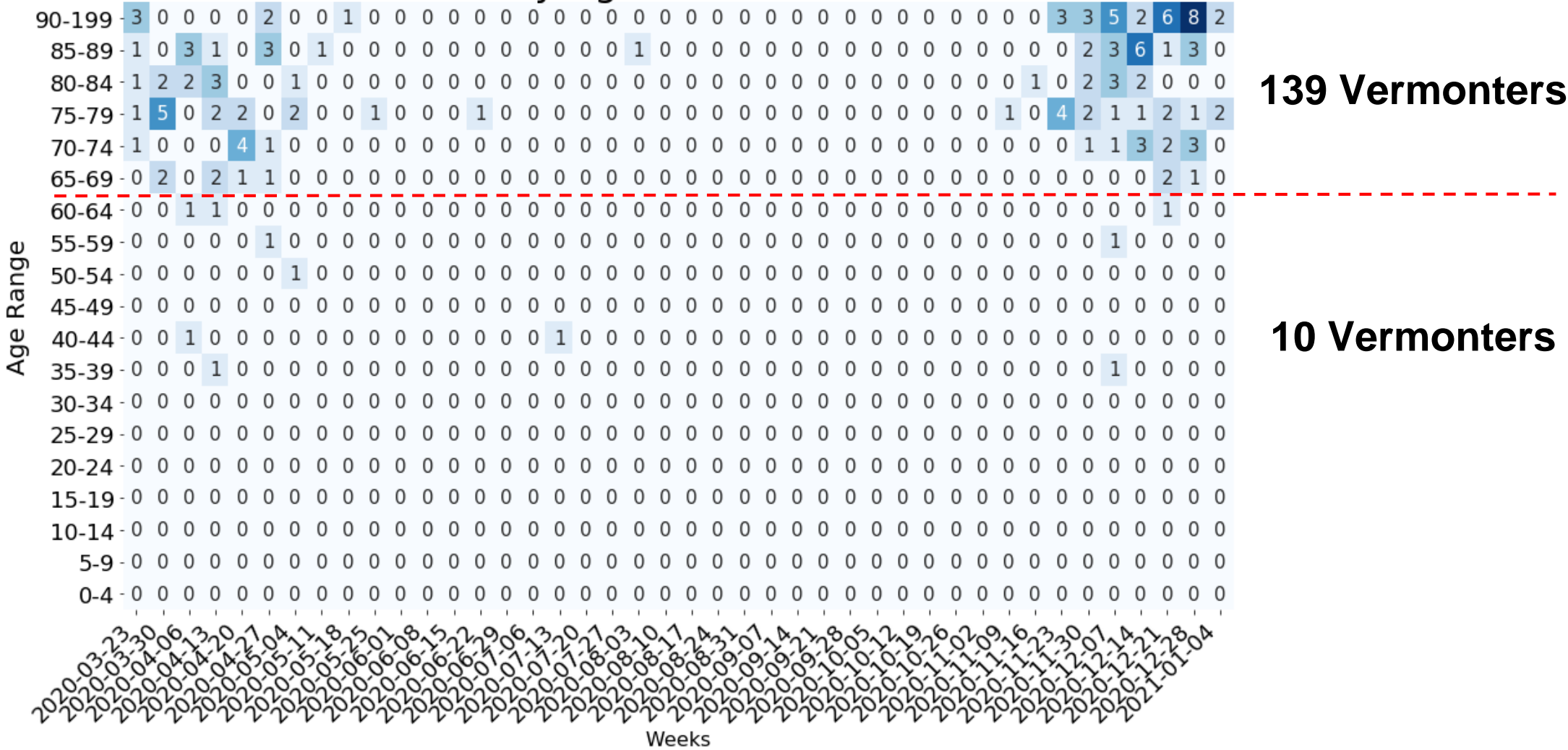
Age 55-59: .4%

Age 50-54: .2%

Age 45-49: .4%

Age 40-44: .4%

Heatmap of COVID-19 Deaths in Vermont By Age Over Time

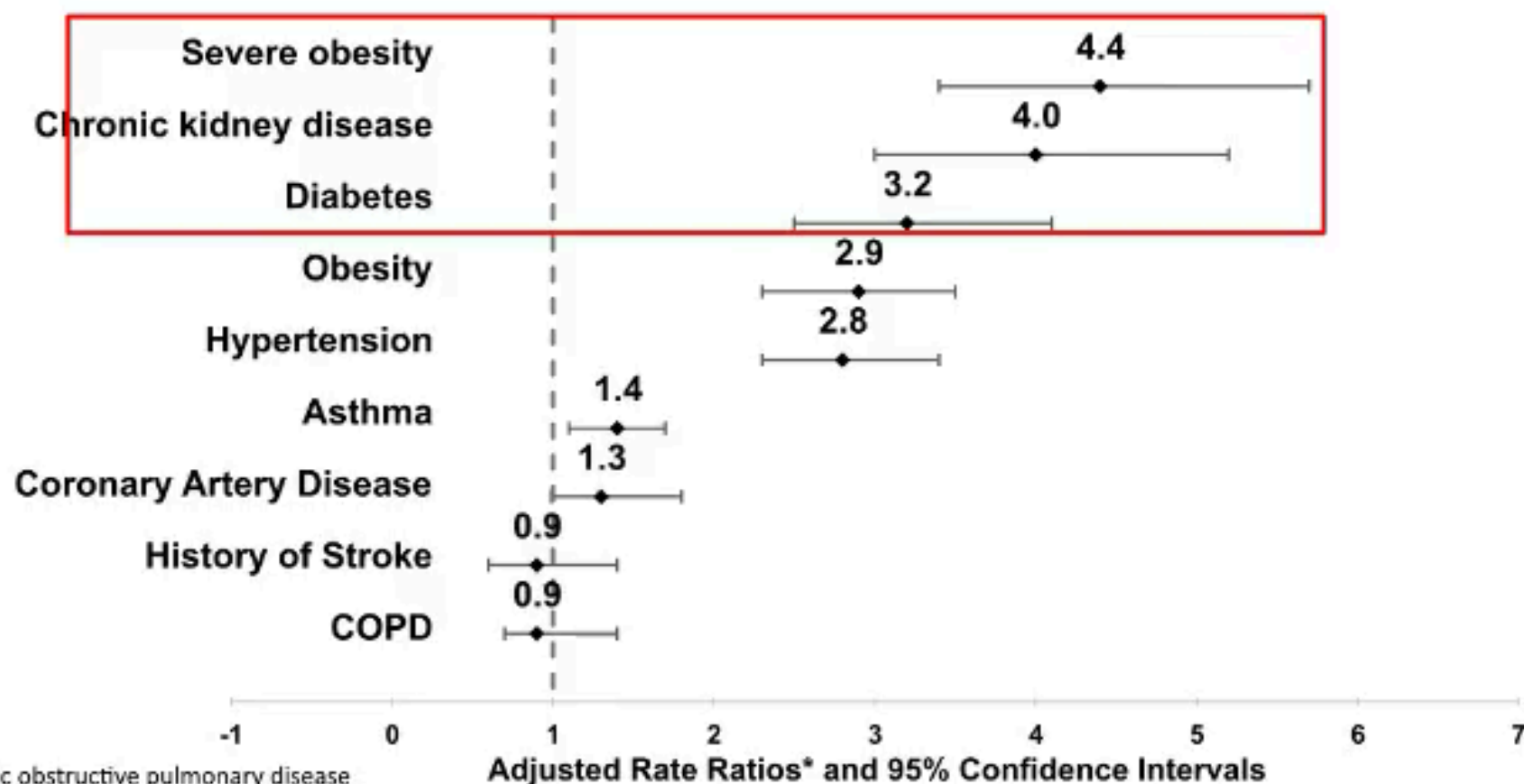


High-risk Conditions- CDC

Adults of any age with the following conditions **are at increased risk** of severe illness from the virus that causes COVID-19:

- [Cancer](#)
- [Chronic kidney disease](#)
- [COPD \(chronic obstructive pulmonary disease\)](#)
- [Down Syndrome](#)
- [Heart conditions, such as heart failure, coronary artery disease, or cardiomyopathies](#)
- [Immunocompromised state \(weakened immune system\) from solid organ transplant](#)
- [Obesity \(body mass index \[BMI\] of 30 kg/m² or higher but < 40 kg/m²\)](#)
- [Severe Obesity \(BMI ≥ 40 kg/m²\)](#)
- [Pregnancy](#)
- [Sickle cell disease](#)
- [Smoking](#)
- [Type 2 diabetes mellitus](#)

Risk for COVID-19 Hospitalization Increased for Adults with Underlying Medical Conditions



COPD: Chronic obstructive pulmonary disease

Obesity=BMI $\geq 30\text{kg/m}^2$; Severe obesity = BMI $\geq 40\text{kg/m}^2$

*Each underlying medical condition is in a separate model, adjusted for age, sex, race/ethnicity

Ko 2020 CID: <https://doi.org/10.1093/cid/ciaa1419>



Risk for COVID-19 Hospitalization Greatest for Adults with Multiple Underlying Medical Conditions

	Unadjusted Rate Ratio (95%CI)	Adjusted Rate Ratio* (95%CI)
Number of conditions†		
1	2.8 (2.7, 3.1)	2.5 (2.1, 3.0)
2	5.6 (5.2, 6.1)	4.5 (3.7, 5.5)
3+	7.2 (6.6, 7.9)	5.0 (3.9, 6.3)
Age 45-64 years‡	-----	1.8 (1.5, 2.2)
Age 65+ years‡	-----	2.6 (2.1, 3.1)
Male§	-----	1.2 (1.1, 1.4)
Non-Hispanic Black	-----	3.9 (3.3, 4.7)
Other race/ethnicity	-----	3.3 (2.8, 3.9)

CI: Confidence Interval; COVID-NET: Coronavirus Disease 2019-Associated Hospitalization Surveillance Network

*Model for number of conditions (variable) is adjusted for age, sex, and race/ethnicity

†Reference group is no underlying medical condition; Number of conditions is a sum of underlying medical conditions excluding hypertension; the most recent year of available BRFSS data for hypertension was 2017.

‡Reference group is 18-44 years

§Reference group is female

|| Reference group is non-Hispanic white

Ko 2020 CID: <https://doi.org/10.1093/cid/ciaa1419>



Vermonters with COVID-19 who are high risk have more serious health outcomes.

Average Length of Illness (Days)



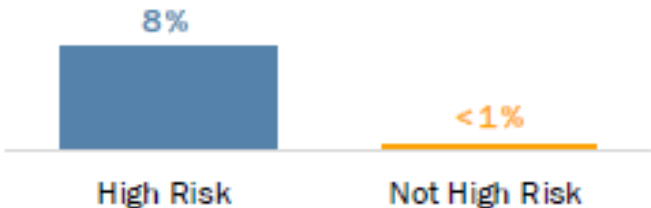
Nearly 1 in 3 high risk Vermonters hospitalized are admitted to the ICU (31%).

Average Length of Hospitalization (Days)



All deaths have been among those who are high risk.

Percent hospitalized



4% case fatality rate among those who are high risk.

0% case fatality rate among those who are not high risk (0 deaths).

Now Recruiting: Temporary Medical Record Chart Reviewers

- CHAMP needs temporary medical record chart reviewers from February through May or June 2021 for annual statewide chart review.
- Qualifications:
 - Bachelor's degree (or equivalent education/experience required).
 - We seek candidates who have worked in a healthcare setting, including experience reading medical records. Qualified candidates will have strong computer skills, attention to detail and accuracy, and can commit to working a minimum of three full days per week.
- Details:
 - During the COVID-19 pandemic this position will be remote. Computer equipment will be provided, however internet access and a private space for chart review is required.
 - Required trainings include: Data Security; Confidentiality; IRB and GCP.
 - The position pays \$20 per hour.
 - Submit cover letter and resume to VCHIP.CHAMP@med.uvm.edu

VDH Child Development Clinic (CDC) Update

- (Effective 12/18/20): all referrals for CDC, UVM Hospital's Developmental Behavioral Pediatrics Program, and the Autism Assessment Clinic at the Vermont Center for Children, Youth, and Families now occur through a single, central intake process. **(Phone: 802-847-2007; Fax: 802-847-3358);** services that have been provided by CDC will change.
- Reason for change: VDH pandemic response; impacts ability to provide developmental evaluations through CDC across the state and is resulting in long wait times for children already enrolled and on the wait list.
- VDH offices are becoming COVID-19 vaccination & testing sites, limiting ability to resume CDC in those locations – more outreach forthcoming.
- For assistance, please contact: Nora.Sabo@vermont.gov (Central Intake); Carol.Hassler@vermont.gov, and Ilisa.Stalberg@vermont.gov.

VCHIP-CHAMP Email Update

- ❑ LCOM Information Systems (COMIS) removed the (automatic) block due to large percentage of messages marked as spam by many recipients originating from our VCHIP-CHAMP mailbox
- ❑ Created a UVM LISTSERV & minimized spam triggers in email content to hopefully resolve the issue. Replies to the LISTSERV will still go to vchip.champ@med.uvm.edu.
- ❑ If you do NOT receive tonight's email from the listserv, follow these steps:
 - 1) Check your junk/spam folders
 - 2) Reach out to your IT department or email server support and ask for emails from VCHIPCHAMPVDHCOVID19UPDATES@list.uvm.edu to be **white listed**.
 - 3) Email VCHIP.CHAMP@med.uvm.edu to let us know if steps 1&2 do not resolve the issue.

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, January 13, 2021 – 12:15-12:45***
- ❑ Generally back to **Monday/Wednesday/Friday** schedule (exception next week: 1/18 & 1/22)
- ❑ Please tune in to VMS call with VDH Commissioner Levine:
Thursday, January 14, 2021 - 12:30-1:00 p.m. – Zoom platform & call information:
- ❑ **Join Zoom Meeting:**
<https://us02web.zoom.us/j/86726253105?pwd=VkVuNTJlZFQ2R3diSVdqdlJ2ZG4yQT09>
 - ❑ Meeting ID: 867 2625 3105 / Password: 540684
- ❑ One tap mobile - +1 646 876 9923,,86726253105#,,,0#,,540684#