

COVID-19 Disease and Prevention Update

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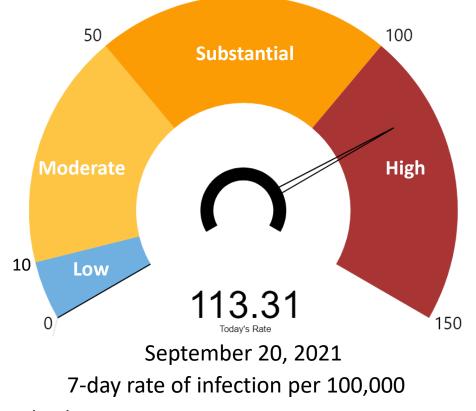
Health and Human Services Committee September 21, 2021





COVID-19 Community Transmission

Fairfax Health District



Updated 9/20/21

Other Jurisdictions

Jurisdiction	Transmission rate
Northern Virginia	127.6
Virginia	292.8
United States	300.0

Data sources: VDH & CDC



COVID-19 Vaccinations in Fairfax Health District

	Persons Vaccinated	Adolescents 12-17 yrs	Adults 18+ yrs	All Ages
At Least One Dose	811,460	83.4%	81.1%	68.6%
Fully Vaccinated	736,927	72.1%	74.0%	62.3%

People remaining unvaccinated: Almost 400,000

Data sources: VDH





COVID-19 Vaccination Status: Percent with at least one dose

Vaccinated Unvaccinated 100% 16.65% 16.89% 16.66% 18.74% 22.33% 23.31% 25.83% Percent 50% 94.48% 94.98% 83.34% 83.35% 83.11% 81.26% 77.67% 76.69% 74.17% \checkmark 0% 12-17 years 18-24 years 25-34 years 35-44 years 45-54 years 55-64 years 65-74 years 75-84 years 85+ years Age Group

FAIRFAXCOUNTY

VIRGINIA

Percent of Fairfax Health District residents who have received at least one dose*, by age group

Updated 9/20/21

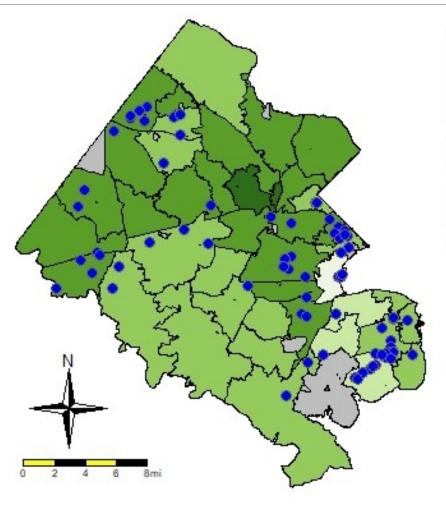
Data sources: VDH

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Fairfax Health District Vaccine Equity Update

Race/Ethnicity	% Vaccinated	% Fairfax Population
Asian-Pacific Islander	21.7%	18.8%
African American	8.1%	9.2%
Hispanic	16.4%	16.2%
White	44.4%	51.6%
Other	9.4%	4.2%



Percent Vaccinated



No Data/Ft. Belvoir

Vaccine Equity Clinic



COVID-19 in Schools: FCPS/FCCPS Experience

From August 1 to September 15, 2021:

	Cases	Contacts – Quarantined by HD
Elementary Level (<12 years)	504	1,018
Middle Level (12-13 years)	55	389
High Level (>13 years)	157	1,328
School Staff (all levels)	124	98
Total	840	2,833





School Investigation Process Enhancements

- Standardized and more directed information submitted with case report
 - Reduces number of children paused as potential contacts
 - Enables Containment Team to focus on children who are more likely to need quarantine
- Early communication between FCPS reporter and Containment Team
- Digital Vaccination Verification
- Digital communication option with families regarding child quarantine
- Enhanced IT system to better communicate case/contact information between FCPS and FCHD



1,551 requests submitted from 9/2 through 9/16

- 91% reviewed by HD the same business day
- 70-minute average HD response time during week of 9/13
- 80.5% of requests were cleared (i.e., no quarantine necessary)





Process Diagram for School COVID-19 Investigations

Report of Case to FCHD via Redcap from schools -Schools submits list of potentially exposed individuals (paused list) FCHD Case Investigation - Verify individual is a case and collection of information about possible close contacts FCHD Contact Investigation & Quarantine Guidance - FCHD utilize school pause list and contact investigation to quarantine exposed individuals

FCHD Closure of Investigation - FCHD communicates back to schools students who are cleared and those who require remote learning (with return dates)

Enhancement: Only those who meet contact definition (potentially exposed) are now submitted to FCHD Enhancement: Fully vaccinated students can be cleared rapidly to return to school via verification survey **Enhancement:** Digital communication with families regarding child quarantine allows students to know status quickly



- 14-day quarantine recommended by CDC and VDH as the preferred option
- CDC identifies alternate approaches (7 d with testing; 10 d), but estimates up to 12% and 10% risk of residual post-quarantine transmission, respectively
- FCHD recommends the preferred option as the most effective approach to reduce school and community transmission



Celebrating 100 Years

Preparedness for Booster Vaccination

- Awaiting CDC and VDH guidance regarding booster doses in Virginia
- Vaccine will be available at many sites around Fairfax County
 - Private providers, pharmacies, hospitals, Health Department
 - ✓ A CVC will be established with VDH support
- It is anticipated that vaccine availability will be sufficient to meet demand
- Outreach will occur to promote equity
 - Equity clinics, vaccine navigators, partner outreach, targeted communications





QUESTIONS?

