



# COVID-19 Disease and Prevention Update

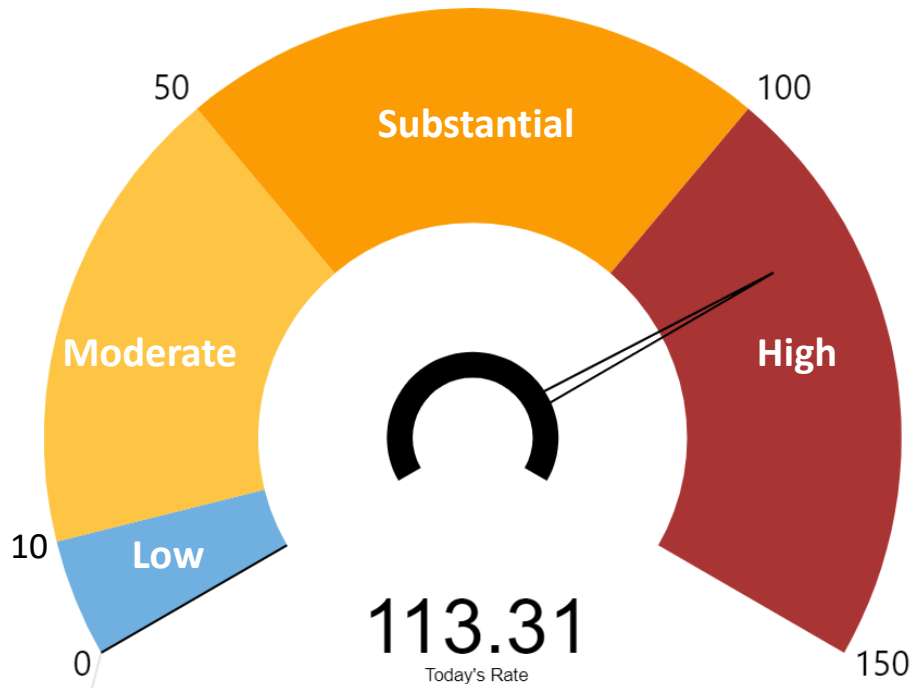
**Dr. Gloria Addo-Ayensu**  
Fairfax County Health Department

Health and Human Services Committee  
September 21, 2021



# COVID-19 Community Transmission

## Fairfax Health District



113.31

Today's Rate

September 20, 2021

7-day rate of infection per 100,000

## Other Jurisdictions

Jurisdiction	Transmission rate
Northern Virginia	127.6
Virginia	292.8
United States	300.0

Updated 9/20/21

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

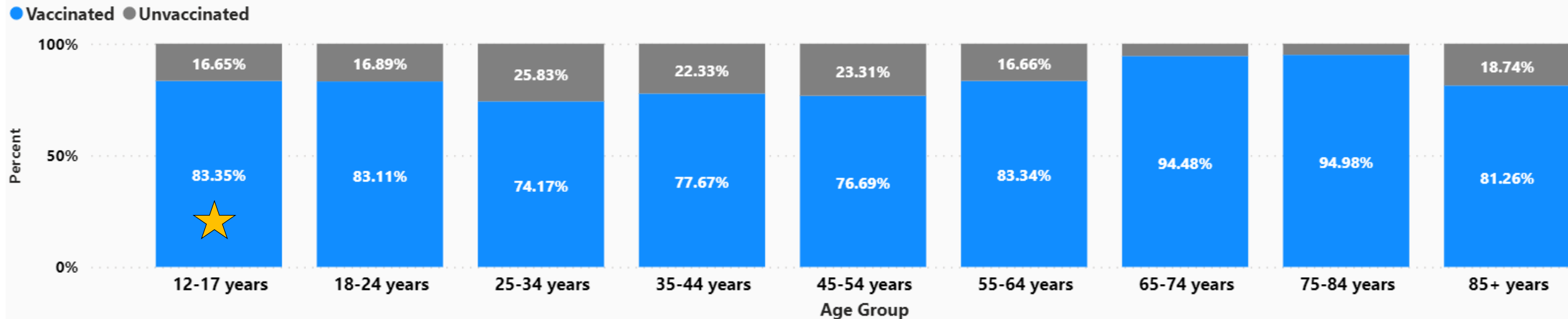
Updated 9/20/21

Data sources: [VDH](#)



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

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

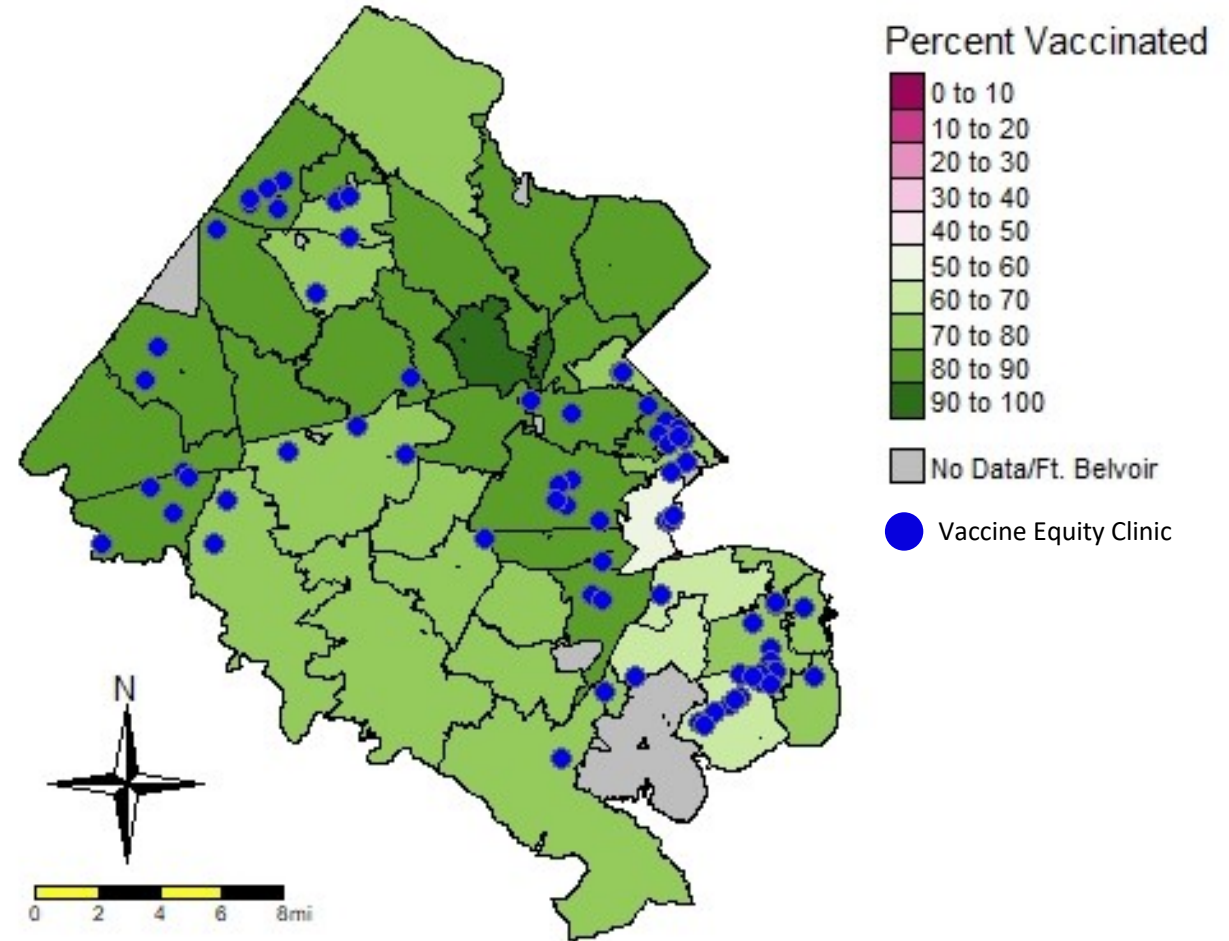


Updated 9/20/21

Data sources: [VDH](#)

# 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%





# 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
<b>Total</b>	<b>840</b>	<b>2,833</b>



# School Investigation Process Enhancements

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- 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



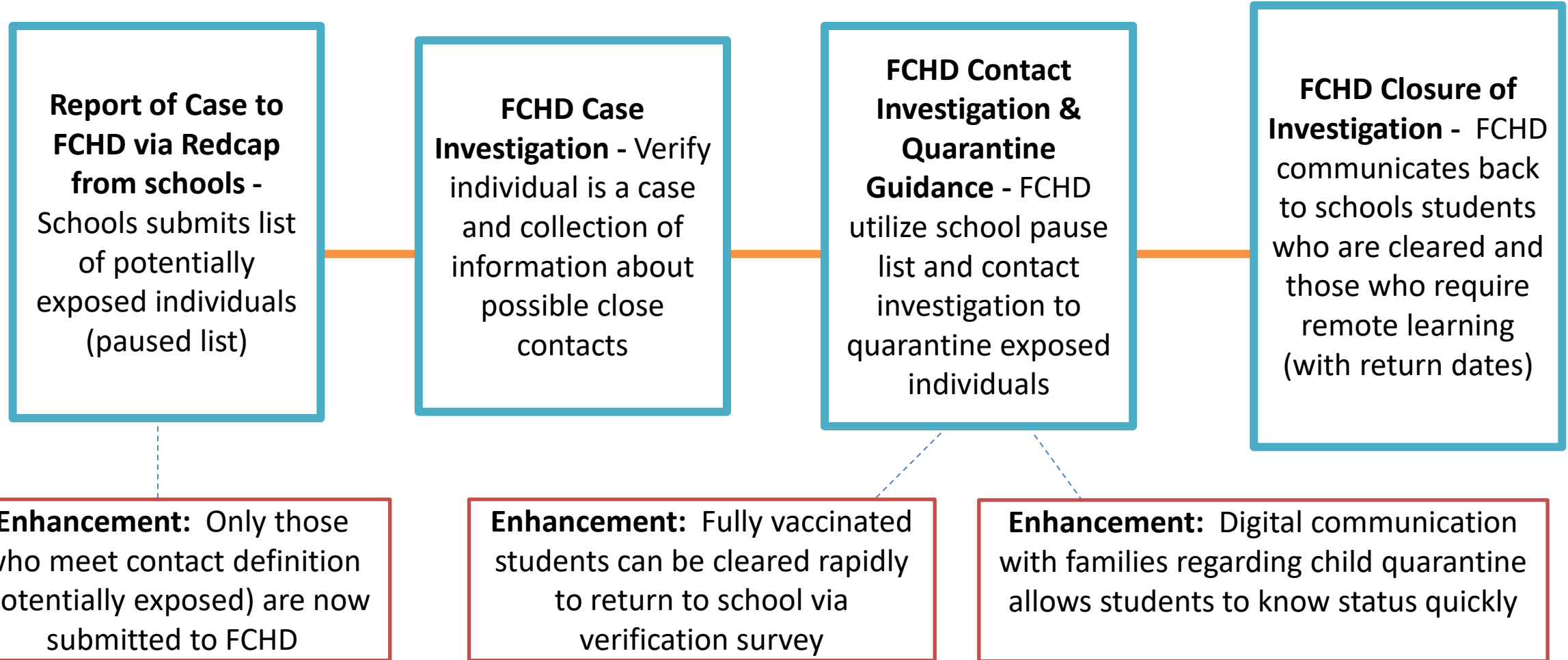
# Impact of Vaccine Verification Enhancements

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- 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





# Quarantine Duration

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- 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



# Preparedness for Booster Vaccination

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- 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



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QUESTIONS?