

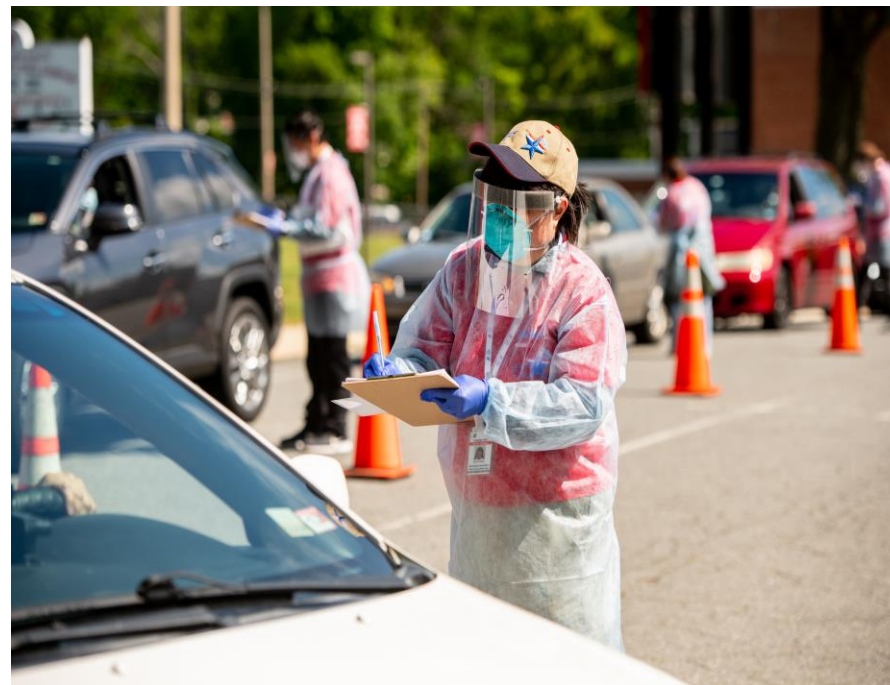


Fairfax County COVID-19 Update

Dr. Gloria Addo-Ayensu, Director
Dr. Benjamin Schwartz, Medical Epidemiologist

Fairfax County Health Department

June 2, 2020



Overview of Health Department Response



- Incident Management Team activated 1/21/20
- Redeployment of 400 Health Department staff
 - Call centers
 - Case and Contact Investigation Teams
 - Rapid Response and Prevention Teams
 - Point Prevalence Survey Team
 - Fit testers
- Laboratory
- Public Information & Outreach
- Medical Reserve Corps



Containment and Mitigation Strategies



Containment

- Travel restrictions
- Individual case investigations
- Isolation and quarantine



Mitigation

- Restrictions on gatherings
- Social distancing, facemasks, etc.
- Self-isolation & self-quarantine



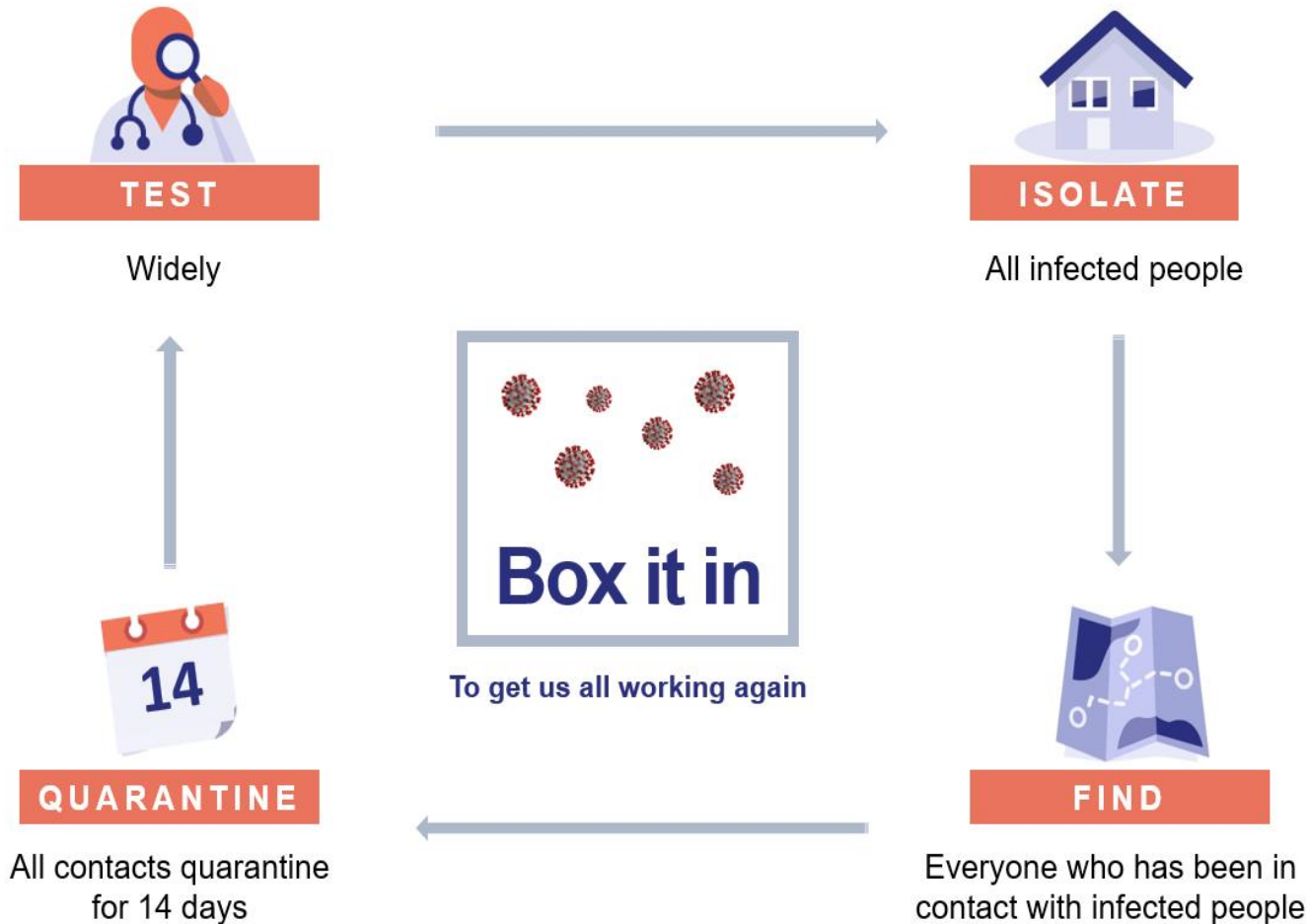
We are here



Suppression

- Social distancing, facemasks, etc.
- Extensive testing & contact tracing with monitored isolation & quarantine
- Investigation & suppression of clusters
- Healthcare readiness for surge

Strengthening Contact Tracing Infrastructure in Fairfax



- **Why?** We expect an increase in cases with re-opening
- **How?** Hiring up to 400 staff to support contact tracing efforts
- **When?** Accepting applications through <https://www.institutephi.org/careers/>

Fairfax County COVID-19 Dashboard



- Largest number of cases of any Virginia jurisdiction
- True number of cases much higher than those confirmed
 - UVA model estimates that only 15% of tests confirmed
 - This translates into over 70,000 cases or about 6% of the County's population

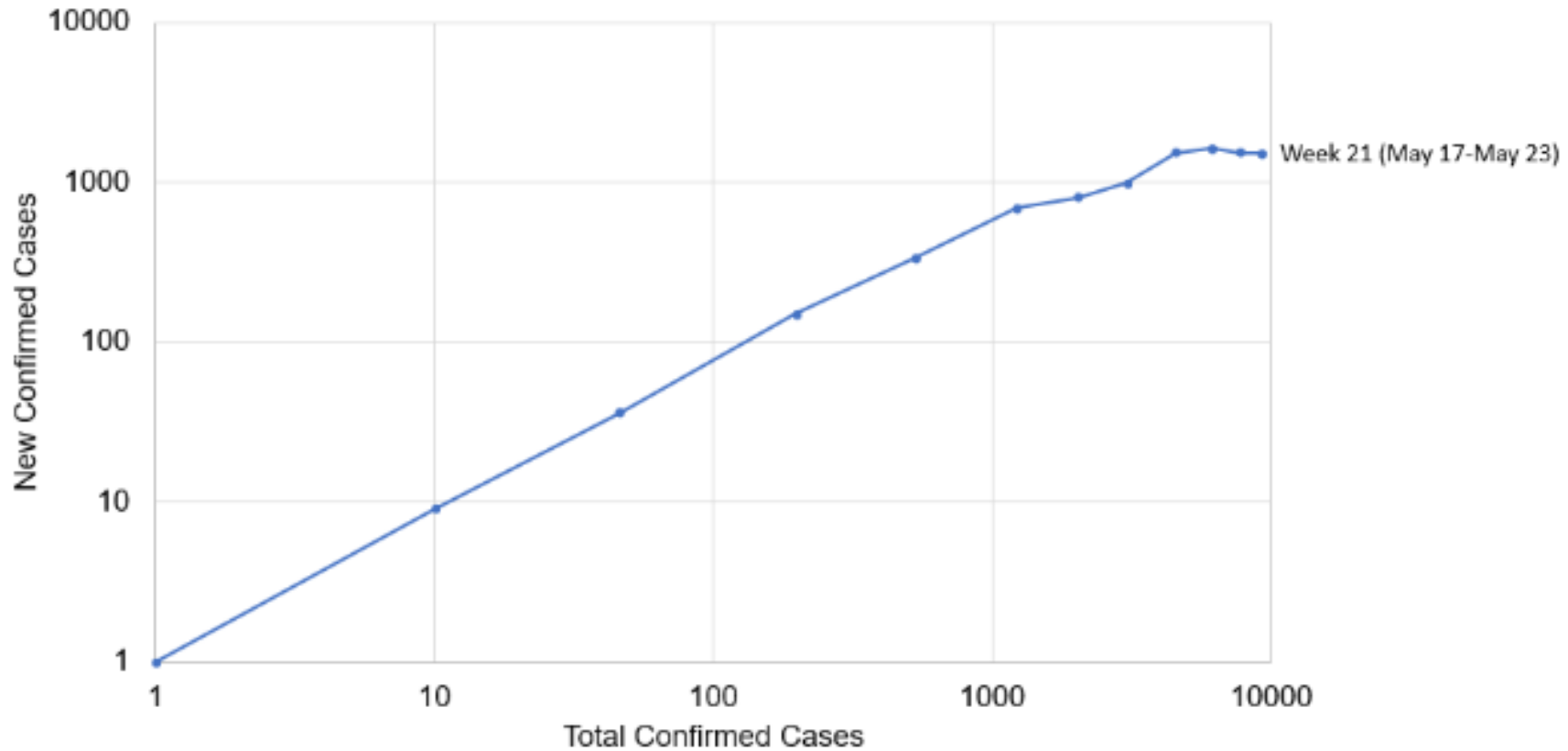


<https://www.fairfaxcounty.gov/covid19/case-information>

Trajectory of COVID-19 in Fairfax County



Current Week: 22 (May 24-May 30)



<https://www.fairfaxcounty.gov/covid19/case-information>

Racial and Ethnic Distribution of Fairfax County COVID-19 Cases



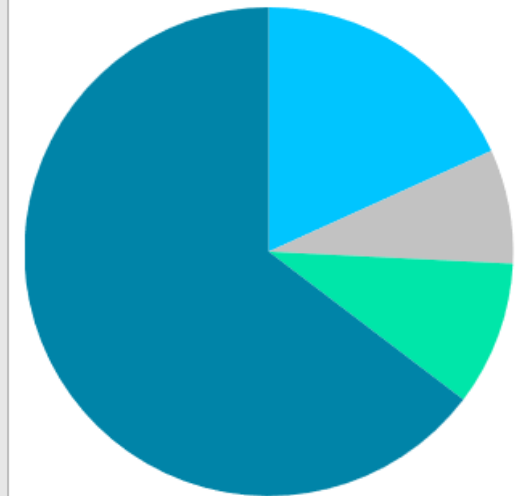
- Disproportionate share of cases occurring in the Hispanic population
 - Hispanics are about 17% of the County population and almost 65% of the cases

Population by Racial Ethnic Groups



● Non-Hispanic, White	52.1%
● Non-Hispanic, Black	10.6%
● Non-Hispanic, Asian	20.6%
● Hispanic, Any	16.8%

COVID-19 Cases by Racial Ethnic Groups



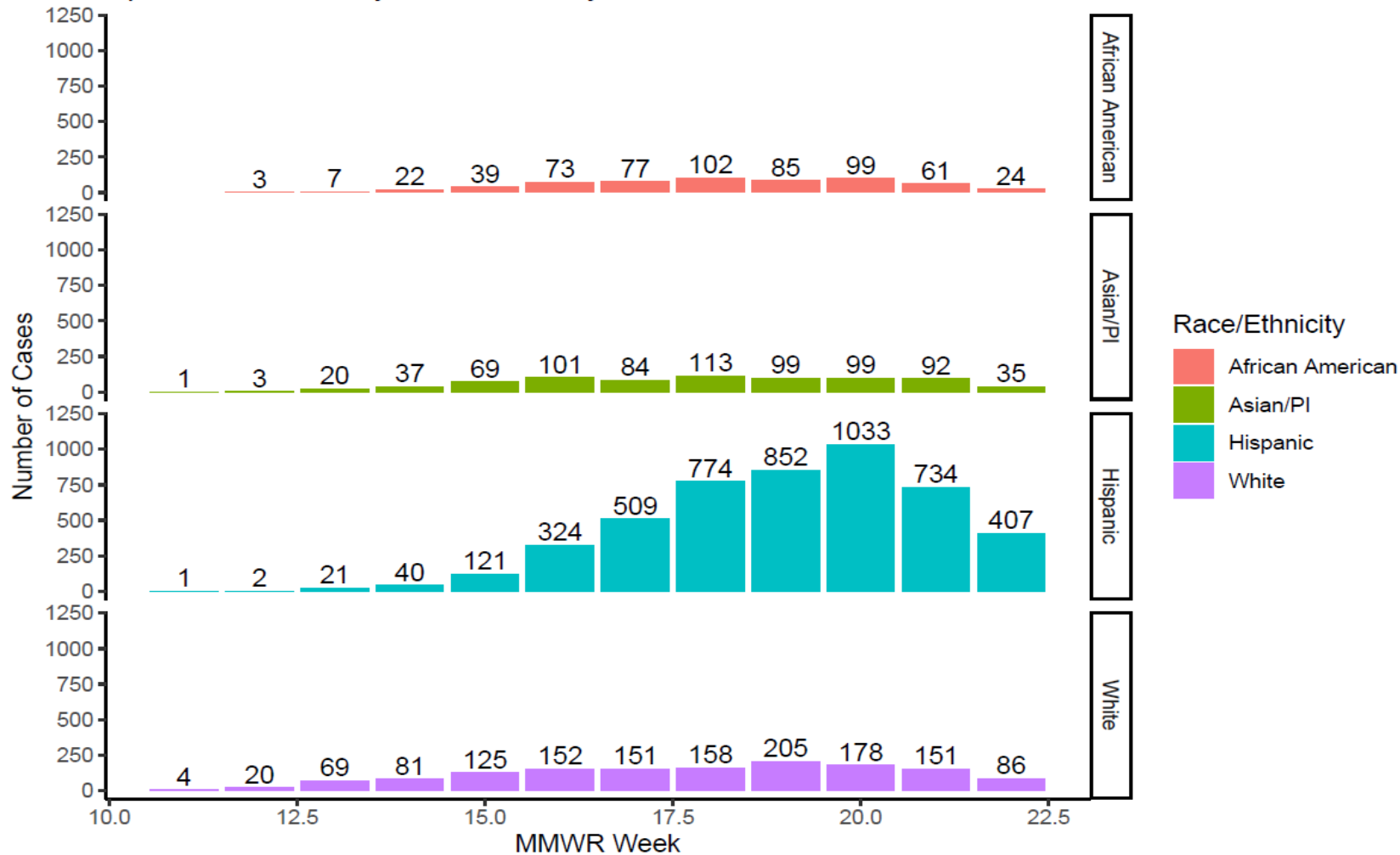
● Non-Hispanic, White	18.2%
● Non-Hispanic, Black	7.6%
● Non-Hispanic, Asian	9.6%
● Hispanic, Any	64.7%

<https://www.fairfaxcounty.gov/covid19/case-information>

COVID-19 Epidemic Curves by Race & Ethnicity, Fairfax



Epidemic Curves by Race/Ethnicity and MMWR Week, Fairfax Health District





Risk Factors for COVID-19 in the Hispanic Community

- Increased number of cases does not reflect different biological risk
- Factors that may be linked with increased infection and transmission risks
 - Need to continue going to work
 - Travel to work by shared rides or public transit
 - Inability to socially distance at work
 - Lack of sick leave
 - Unavailability of unemployment insurance
 - Crowded households – less ability to effectively self-isolate if infected
 - Cultural factors?

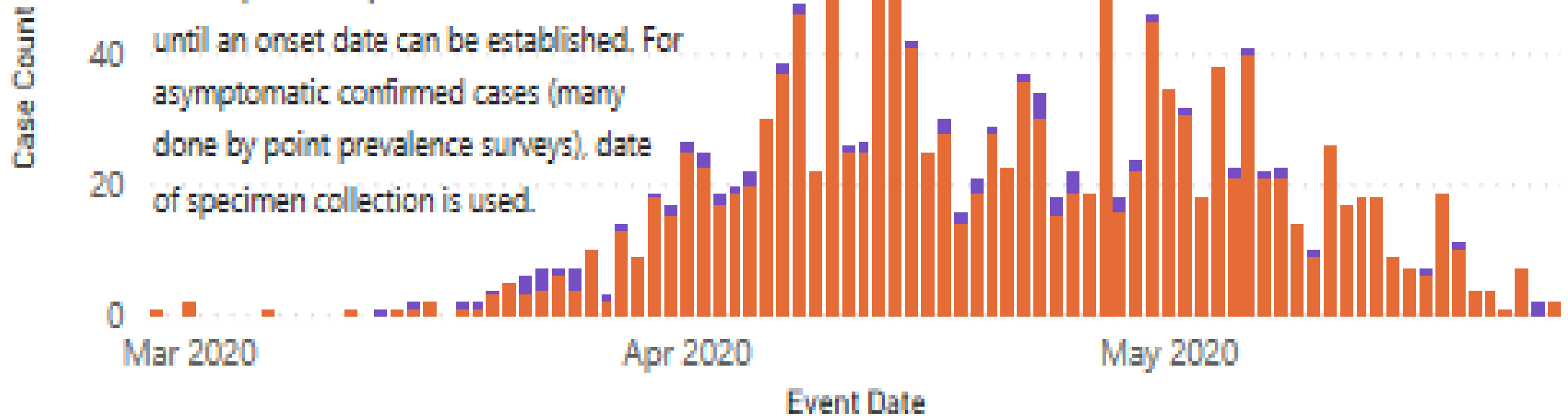
COVID-19 Cases in Fairfax County Long-Term Care Facilities



Case Classification ● Confirmed ● Probable

- Select all
- Show Non-PPS
- Show PPS

Event Date = If no onset date is available, then lab collection date, result date, or date reported to public health is used until an onset date can be established. For asymptomatic confirmed cases (many done by point prevalence surveys), date of specimen collection is used.



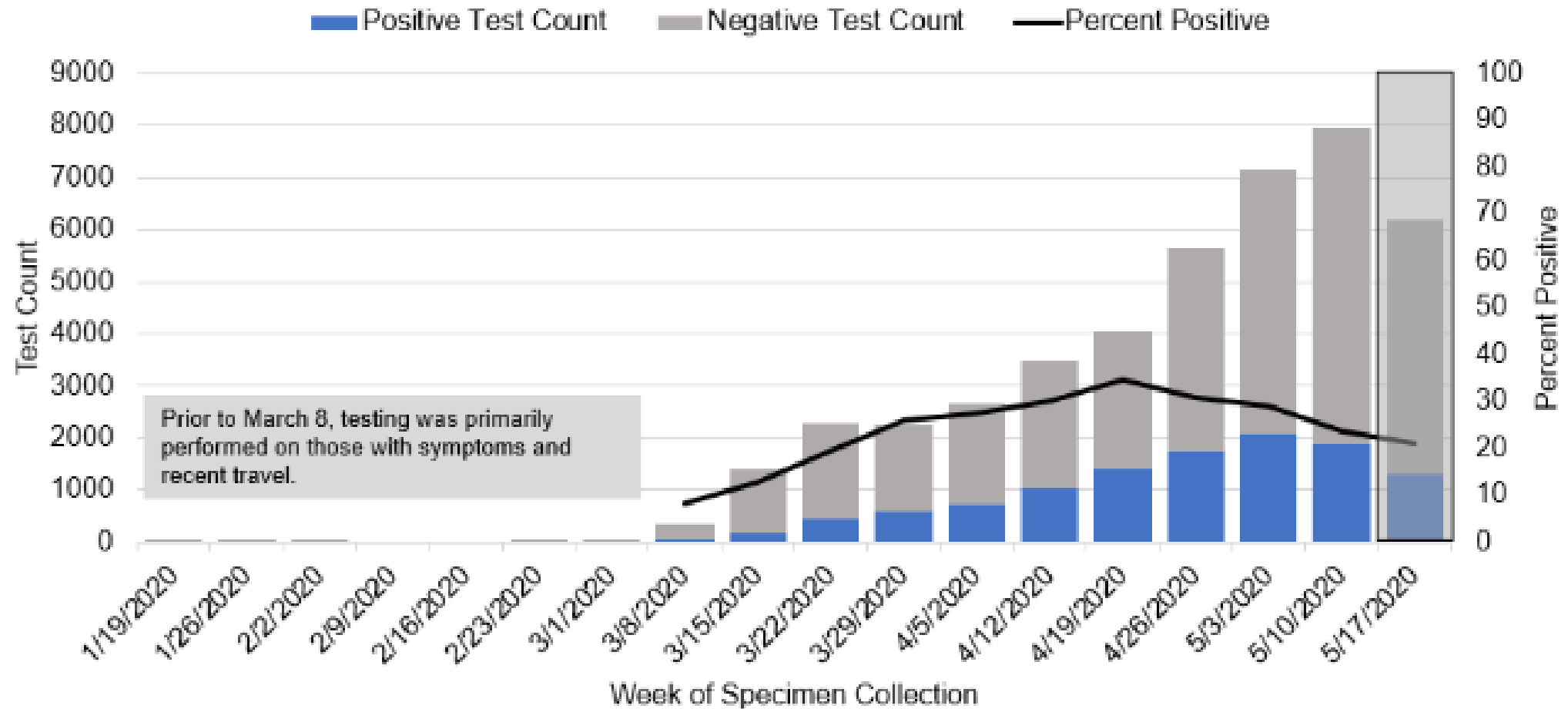


FCHD Response in LTCFs

- Pro-active outreach to all facilities in the county on steps to prevent cases and to provide fit testing for appropriate use of N95 respirators
- When a case occurs at a facility
 - Consultations and recommendations from experienced Communicable Disease Control Public Health nurses
 - One or more Rapid Response Team visits to train staff in appropriate use of PPE, evaluate environmental disinfection, and provide additional fit test training
 - Daily visits by a PHN liaison to assess progress and observe implementation of infection prevention measures with recommendations for improvement, where needed
 - Ongoing monitoring of disease among residents and staff

“We are really impressed by the comprehensive team that works with individual LTCF, and with the thoughtful processes and practices put in place in the county.” Dr. Lina Elbadawi, CDC

Increase in COVID-19 PCR Testing in Fairfax County



COVID-19 Testing Sites in Fairfax County



Safety Net Healthcare Providers

- HealthWorks
- Neighborhood Health (multiple sites)
- Culmore Clinic
- ADAMS Compassionate Healthcare Network
- Inova Cares Clinics for Families

Other Healthcare Providers

- Inova Respiratory Illness Clinics (multiple sites)
- Next Care Urgent Care
- Patient First (multiple sites)
- Pediatrics Urgent Care
- AllCare Synergy Immediate Care
- Progressive Urgent and Primary Care
- CVS Pharmacies (multiple sites)

Shifting Message for COVID-19 Testing

- **Old testing message:** Test based on defined priorities including disease severity and whether one is in a high-risk group; otherwise self-isolate and talk to your contacts
- **New testing message:** Anyone with COVID-19 symptoms should be tested as testing enables Public Health follow-up to slow community spread

SLOW THE SPREAD OF COVID-19

COVID-19 Testing is Available in **Fairfax** & surrounding jurisdictions

1 CHECK FOR SYMPTOMS

The most common symptoms of COVID-19 are fever of >100.4F cough, shortness of breath or difficulty breathing.

Other symptoms may include chills, repeated shaking with chills, muscle pain, headache, sore throat or new loss of taste or smell.

If you have danger signs, such as trouble breathing, pain or pressure in chest, confusion or inability to arouse, or bluish lips or face, call 911.

Anyone experiencing symptoms without danger signs, especially those who are over 65 years old, pregnant, have a serious medical condition, like diabetes, or are in another high-risk category, continue to step 2.

2 CALL FIRST

If you don't have a doctor or if you don't have insurance, call one of the clinics listed in this document.

The doctor or clinic will make an appointment for you to be screened in person or online. To protect others, do not visit your doctor or clinic without calling ahead first.

3 GET SCREENED

If you are screened online and need a test, the doctor or clinic will schedule an appointment for you or refer you to a testing site.

If you are screened in person, and the doctor determines you need a test, the doctor or clinic will collect a test sample if they are equipped as a testing site, or they will refer you to a testing site.

If you are screened in person, and the doctor determines you don't have COVID-19, follow your doctor's guidance.

4 GIVE A SAMPLE

The best test for COVID-19 infection involves taking a swab of the nose or mouth. Your healthcare worker will take this specimen while wearing personal protective equipment (PPE) like goggles, masks or respirators, gowns and gloves. The swab will be sealed and sent to a laboratory for testing.

5 RECEIVE RESULTS

You will be notified when the results are available.

While waiting for results, it's important that you stay home and stay away from others and wear a cloth face covering when social distancing is difficult.

If you have COVID-19, you will receive further guidance to help protect yourself and others and to identify your close contacts.

The CDC recommends COVID-19 testing for the following: hospitalized patients; symptomatic healthcare facility workers; symptomatic residents of long-term care facilities or other congregate living settings; persons with symptoms of COVID-19; or persons without symptoms prioritized by their clinicians for public health monitoring & surveillance. **Many testing sites require pre-screening, a doctor's order and most require appointments.**

Most people who get COVID-19 recover on their own at home. If you have a positive test for COVID-19, or have not been tested and have symptoms of respiratory illness, stay home and avoid contact with others; wear a face covering when around others; wash hands frequently; disinfect surfaces regularly; and inform close contacts you are sick. Go to fairfaxcounty.gov/covid19 "slow the spread of COVID-19 toolkit."

fairfaxcounty.gov/health/novel-coronavirus

5.21.20 For questions about COVID-19, call the Health Department call center at 703-267-3511, 9am-7pm weekdays; 9:30am-5pm weekends. The Fairfax County Health Department does not provide COVID-19 diagnosis or testing.

Fairfax Community Testing Clinics, May 23 & 24, 2020



- Testing supported by the Virginia Department of Health through a contract with a commercial laboratory
- Test sites selected based on location near case clusters
- Recruitment by FCHD Outreach Team, local organizations, and local media
- Testing sites at Annandale High & Bailey's Elementary Schools
- On clinic days
 - Clinic registration, flow control & logistics by FCHD & Medical Reserve Corp
 - Traffic control and security FCPD
- Results being communicated by FCHD call centers

CONCERNED YOU HAVE COVID-19?

FREE COVID-19 TESTING SITE NEAR YOU

DRIVE-THRU TEST SITE • WALK UP AVAILABLE

Sponsored by the Fairfax County Health Dept. & Virginia Dept. of Health

SATURDAY, MAY 23: 10am - 6pm
Annandale High School
4700 Medford Dr., Annandale, VA 22003

SUNDAY, MAY 24: 10am - 6pm
Bailey's Elementary School
6111 Knollwood Dr., Bailey's Crossroads, VA 22041

KNOW BEFORE YOU GO:

- No doctor referral needed
- No appointment needed
- Identification not necessary
- Free - no insurance required
- Must be 2 years or older
- Spanish speakers onsite

QUESTIONS? CALL 703-267-3511, TTY 711

www.fairfaxcounty.gov/health/novel-coronavirus
703-267-3511, TTY 711

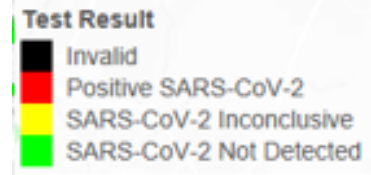
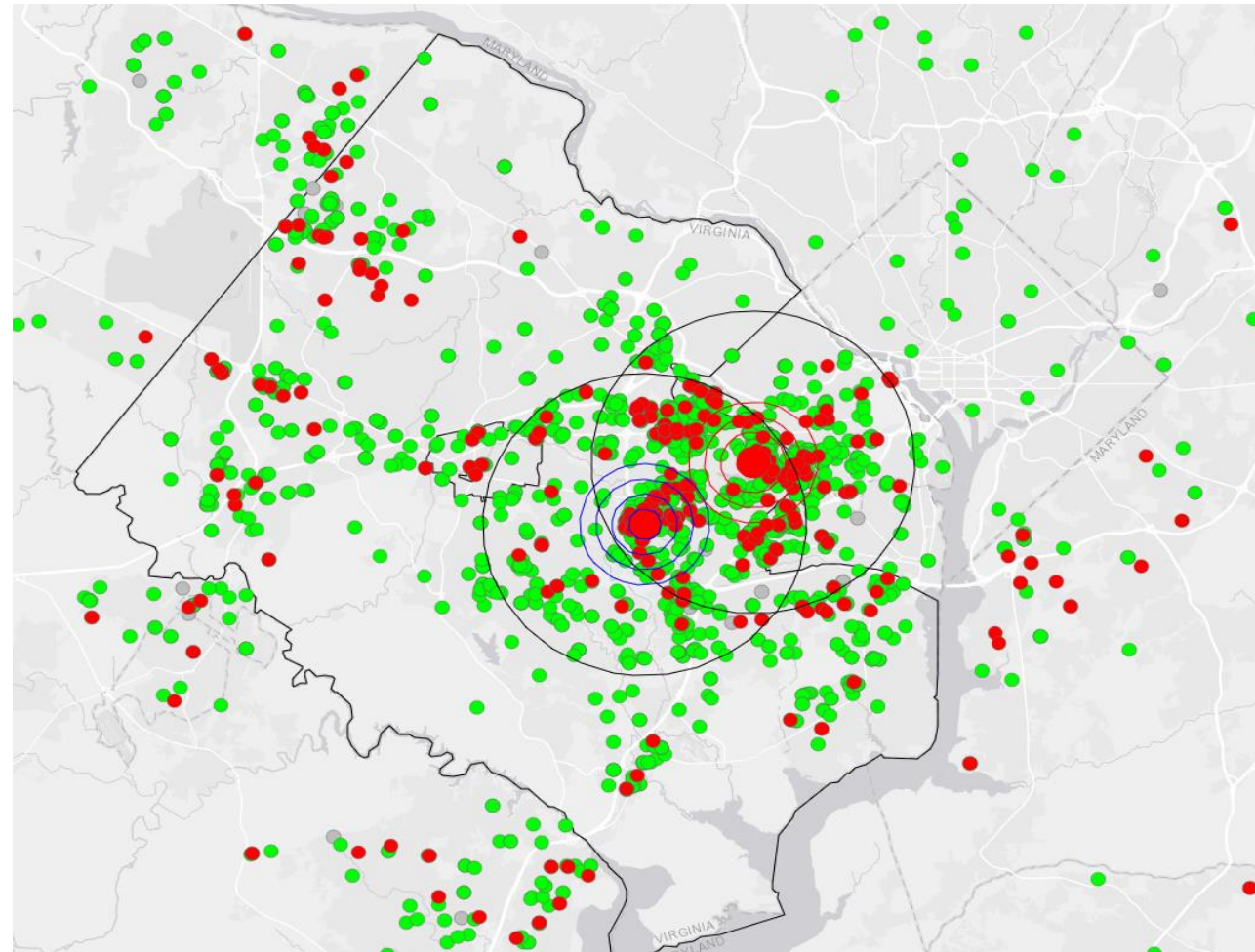
A Fairfax, Va., publication, May 2020. For more information or to request information in an alternate format, call the Fairfax County Health Department at 703-246-2411, TTY 711.



Addresses of Persons Tested at Fairfax Community Testing Clinics, May 23 & 24



	<u>% Positive</u>
Annandale	15%
Bailey's	12%



Summary from Fairfax County Community Testing Clinics



- Key observations from the testing clinics
 - Many of those tested were from communities outside the target area
 - Low percent of tests positive compared with results from fixed testing sites in the area
 - Significant planning and coordination were required
- Next steps – approach to future clinics
 - Conduct testing in areas with high number of positives
 - Keep recruitment local by working with community partners
 - Test in collaboration with safety-net providers (e.g., Neighborhood Health & HealthWorks)
 - Process specimens at Health Department Laboratory

Key Factors for Controlling the Spread of COVID-19 when Restrictions are Relaxed



- The extent to which infection prevention behaviors (social distancing, mask wearing, hand hygiene) are maintained
- The ability to identify infected persons by testing
- The speed and effectiveness of Public Health case investigation and contact tracing
- The extent to which isolation and quarantine are effectively maintained
- The biology of the coronavirus (the extent of spread from asymptomatic people)



FCHD Approach to Testing and Contact Tracing

- **Testing strategy**
 - Increase testing at fixed sites
 - Increase number and type of sites
 - Increase test capacity per site
 - Implement local testing clinics where increased numbers of cases have occurred
- **Case investigation and contact tracing strategy**
 - All confirmed cases are investigated
 - Telephone interview to identify contacts
 - Recommendation to case for isolation (at least 10 days)
 - All identified contacts are called
 - Recommendation for quarantine (14 days)
 - Cases and contacts are offered social supports to enable isolation & quarantine



The Future of the Pandemic

- We are still learning
 - New clinical syndrome - Multisystem Inflammatory Syndrome in Children (MIS-C)
 - Research into new treatment and vaccines
- Upcoming course of the pandemic in Fairfax County is unclear
 - Will continued protective behaviors and the impact of public health interventions offset the additional exposures that occur with reopening?
 - Impact of summer heat and humidity
 - Additional wave(s)
- Stay the course! And keep learning and responding to the epidemiology in our community