

**VIRGINIA'S  
HEALTH  
IS IN YOUR  
HANDS.**

Do your part,  
stop the spread.

## **COVID-19 Testing Update**

November 20, 2020

This Situation Report contains insights from data collected by the VDH Testing Unit. The below integrates insights from across the weekly Situation Reports to highlight key trends and data points of note.



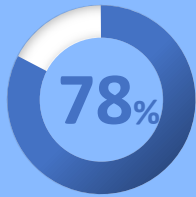
## Statewide Snapshot



Positivity rate has increased from 6.2% to

**7.1%**

Hospital capacity is at



**78%**

**1.15**

Effective Reproduction Number (Rt)



**95**

Community testing events held this week

**2,983,430**

Total PCR tests to date



On target to meet the **November PCR testing projection**

## Commonwealth and Locality Trends

Virginia's 7-day positivity rate continues to increase and is currently at 7.1%. The number of tests conducted per day continues to exceed VDH's daily targets.



Across the Commonwealth, an **average of 19,200 PCR tests** were conducted per day – exceeding the daily target of 17,500 tests per day.



**Commercial lab turnaround times have increased** over the past three weeks; their average TAT now exceeds two days.



**25% of localities** (33 of 133) are reporting positivity rates higher than 10%.



**Russell** is reporting the highest 14-day positivity rate in the state, at 25.8%.

## Community Testing Events (CTE)

- **21** health districts reported **95** CTEs in REDCap this week and 59% of those events were in the Southwest region.
- **8** districts reported CTEs targeting vulnerable populations this week.

## VA National Guard (VANG)

- Supported **seven** CTEs.
- Supported **nine** point prevalence survey events at long term care facilities (5), educational settings (2), and correctional facilities (2).

## Laboratory



Average Turnaround Time (TAT) increased from 1.39 to

**1.59**

days

- **TATs at commercial labs and the public lab** have increased over the past week.

Key Metrics, as of 11/18

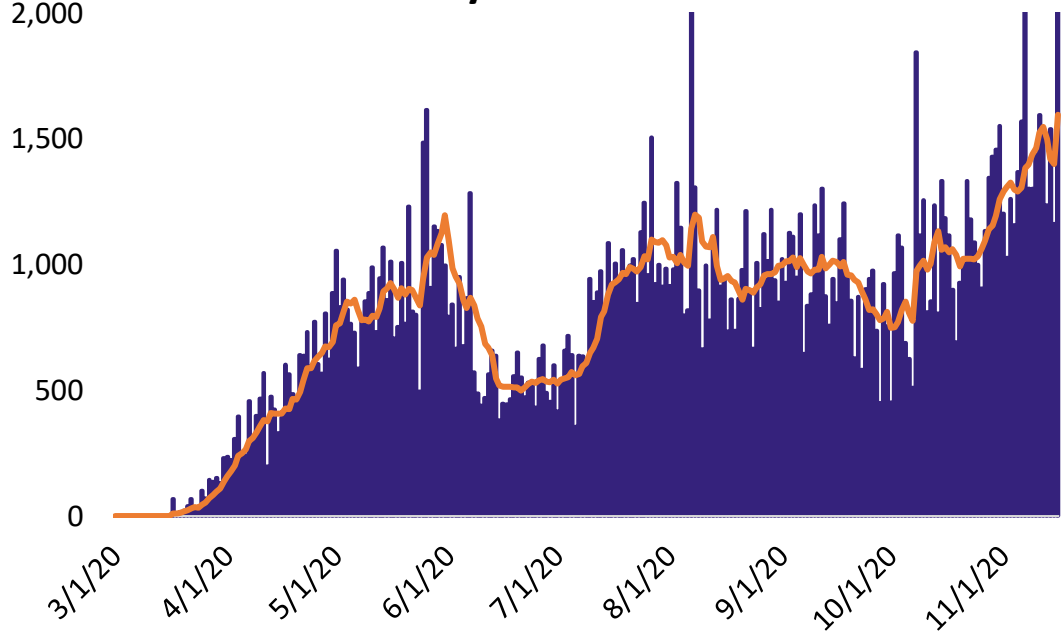
Total Cases: 208,833

Total Hospitalizations: 13,707

Total Deaths: 3,860

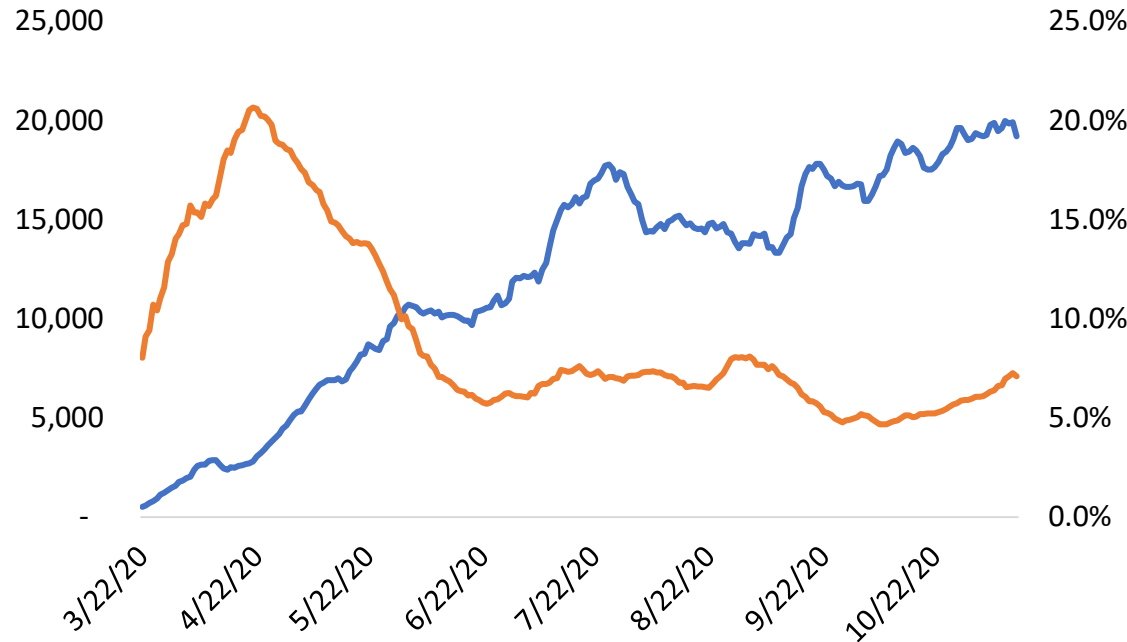
Total PCR Tests: 2,983,430

Daily New Cases



Daily Cases (7-Day Average)

Tests and Positivity Rate

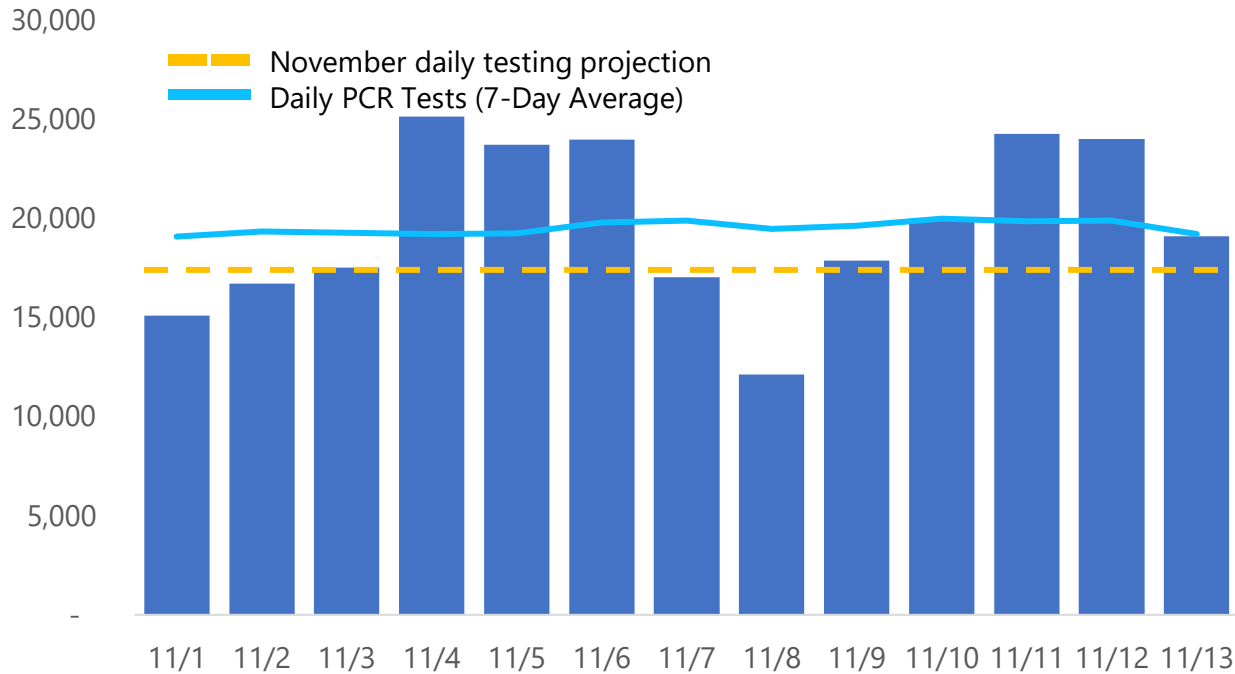


Daily PCR Tests (7-Day Average) PCR Positivity Rate (7-Day Average)

Data sources: VDH Website [PublicUseDataset-Cases, Tests\_by-LabReportDate], rt.live, NCHS 2018 Population Estimates

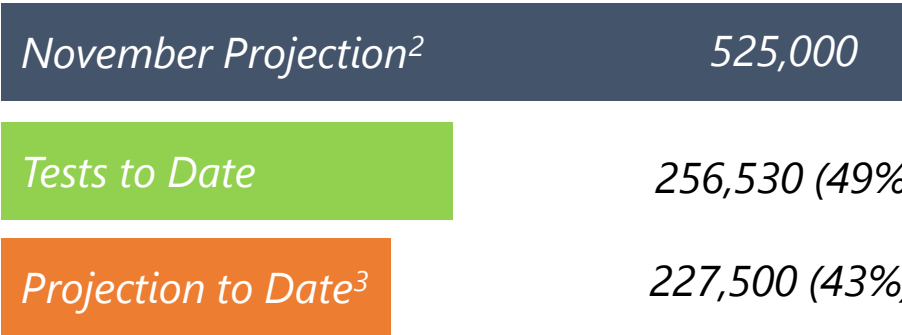
**The current 7-day average PCR tests per day is 19,200 exceeding the daily target of 17,500.**  
 Virginia is on track to meet the November projection of 525,000 total tests.

**Daily Statewide Number of PCR Tests Conducted: November<sup>1</sup>**



1. To account for delays in adding more recent data, a 3-day buffer is applied to lab data. The latest day of full data as of this report is 11/13.

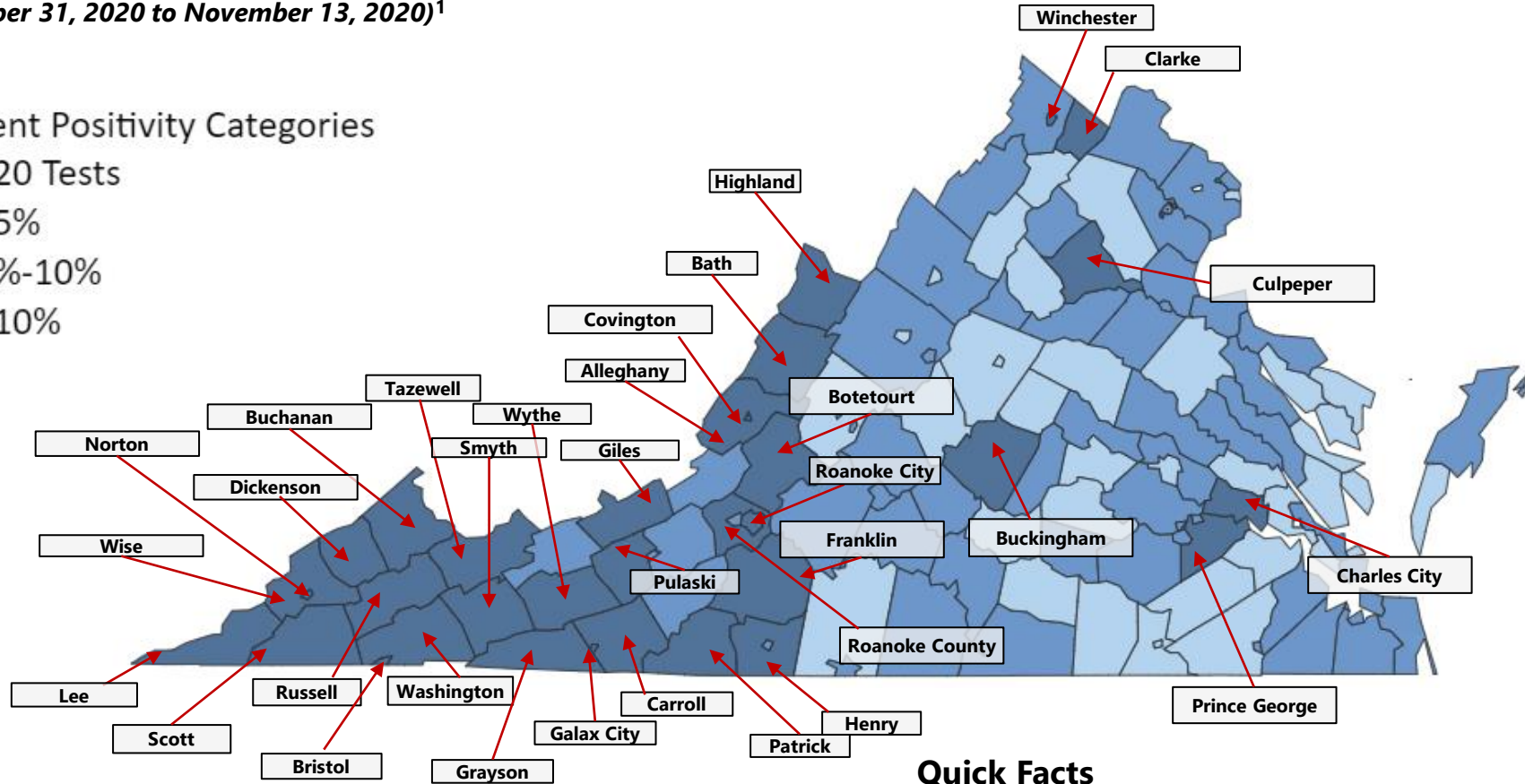
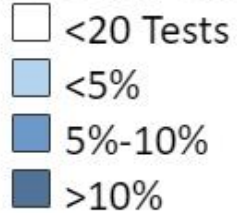
**Progress Toward November PCR Testing Projection**



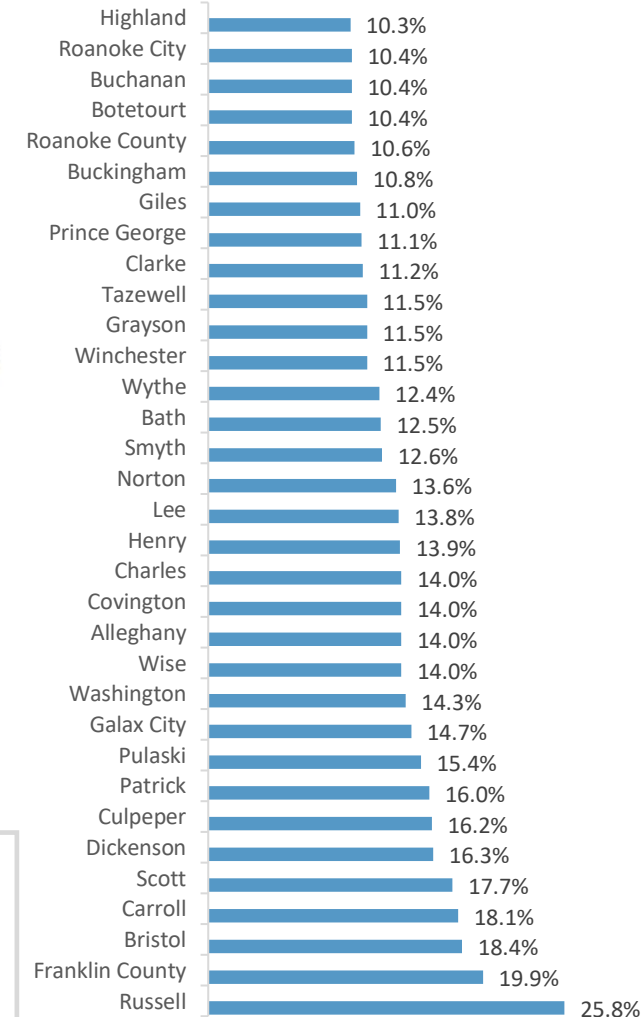
- 2. Testing projections are informed by The UVA Adaptive Fit Scenario, the Harvard Global Health Institute, and the goal to increase testing capacity across the state.
- 3. Projection to Date (as of 11/13) represents the number of tests that should have been completed by this time in the month to track to the amount needed as projected.

## 14-Day Positivity Rate by Locality (October 31, 2020 to November 13, 2020)<sup>1</sup>

### Percent Positivity Categories



### Localities with 14-Day Positivity Rates over 10%



### Quick Facts

- Virginia's 7-day positivity rate of **7.1%** is 2.9 percentage points below the national average of **10%**.
- **30%** of localities (40 of 133) have 14-day positivity rates **less than 5%**.
- **25%** of localities (33 of 133) have positivity rates above 10%, and the locality with the highest 14-day positivity rate is **Russell** (25.8%).

1. Testing data are provided at the locality level with the exception of Covington, Emporia, Lexington, and Manassas Park. Based on how laboratory results are reported, data from these small jurisdictions are not trustworthy on their own. The surrounding localities of Alleghany, Greensville, Rockbridge, and Manassas are displayed instead. (Source: VDH Website)

The Department of Health and Human Services (HHS) has partnered with VDH to increase access to testing for communities across the Central Shenandoah Health District, with a particular focus on colleges and universities.

**Partnership Roles & Responsibilities**

The Central Shenandoah Health District and HHS play complementary roles to support each event.

**HHS provides:**

- Specimen collection kits
- Lab services (eTruenorth) and transport courier
- Clinical staff to oversee client self-collection (locally hired nurses)
- PPE (surgical masks, gloves and masks for clients)

**VDH Central Shenandoah Health District and Partner Agencies:**

- Select, plan, and operate the test site
- Store HHS supplied collection kits and PPE
- Provide site staffing (leadership, logistics, traffic flow, registration, physical set-up)
- Provide site supplies: tables, chairs, tents, traffic cones, signs, clerical items, ice for specimens, trash collection/waste disposal

**Community Testing Events**

The LHD and HHS have collaborated to plan **18 events** in the District.

Date	Location
Oct 21	James Madison University
Oct 26	Rockingham County Fairgrounds
Oct 28	James Madison University
Nov 2	Rockingham County Fairgrounds
Nov 4	James Madison University
Nov 9	Rockingham County Fairgrounds
Nov 11	James Madison University
Nov 16	Rockingham County Fairgrounds
Nov 16	Virginia Military Institute, Washington & Lee University, Southern Virginia University (event at VMI in Lexington)
Nov 17	Mary Baldwin University (Staunton)
Nov 18	James Madison University
Nov 19	Virginia Military Institute, Washington & Lee University, Southern Virginia University (event at VMI in Lexington)
Nov 23	Rockingham County Fairgrounds
Nov 30	Rockingham County Fairgrounds
Dec 2	James Madison University
Dec 5	Charlottesville (Thomas Jefferson Health District)
Dec 6	Charlottesville (Thomas Jefferson Health District)
Dec 16	James Madison University

VDH has partnered with VANG and HHS to provide testing for university students, faculty, staff, and the surrounding communities prior to holiday campus closures. Events this week have targeted various university communities, including **Mary Baldwin University, James Madison University, Randolph-Macon College, Southern Virginia University, Virginia Military Institute, and Washington & Lee.**

## Randolph-Macon College

- **Tested 500 individuals** (25% of student/staff population)
- Partnered with VANG



## Virginia Military Institute

- **Tested 275 students** from VMI, Washington & Lee, and Southern Virginia University on 11/16
- **537 individuals** registered for event on 11/19
- Partnering with HHS



## Mary Baldwin University

- **Tested 377 students** on 11/17
- Partnered with HHS

## James Madison University

- **Tested 1,694 individuals** at event on 11/18; additional events planned
- One of Virginia's largest single-day testing events
- Partnering with HHS

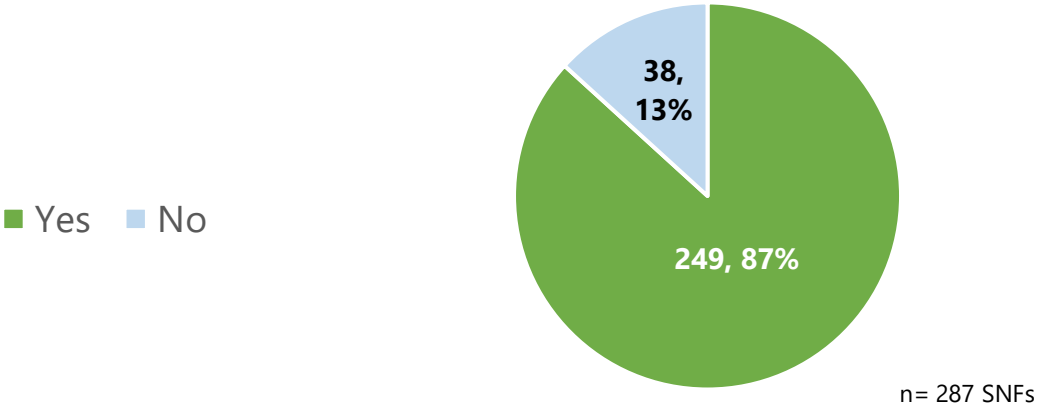


**SNF/ALF Baseline PPS Project Summary**

- Beginning in April 2020, VDH and partners, including the Virginia National Guard and Turnkey providers, **offered Point Prevalence Surveys (PPS) in all Skilled Nursing Facilities (SNFs) and Assisted Living Facilities (ALFs).**
- As part of this effort, **VDH coordinated PPS testing events in 249 SNFs and 224 ALFs.**
- Specimen collection was conducted primarily by the Virginia National Guard, who collected specimens in 93% of SNFs and 61% of ALFs, as well as Local Health Districts, Turnkey Providers, and one hospital-affiliated facility.
- The COVID-19 Testing Team will continue to provide baseline PPS testing to facilities who previously declined this offer but then express interest.

**Skilled Nursing Facilities**

Final status of SNF testing coordinated by VDH:



**Assisted Living Facilities**

Final status of ALF testing coordinated by VDH:

