

# COVID-19

## Update on Epidemiology and Testing

Lilian Peake, MD, MPH  
State Epidemiologist  
Virginia Department of Health  
May 1, 2020

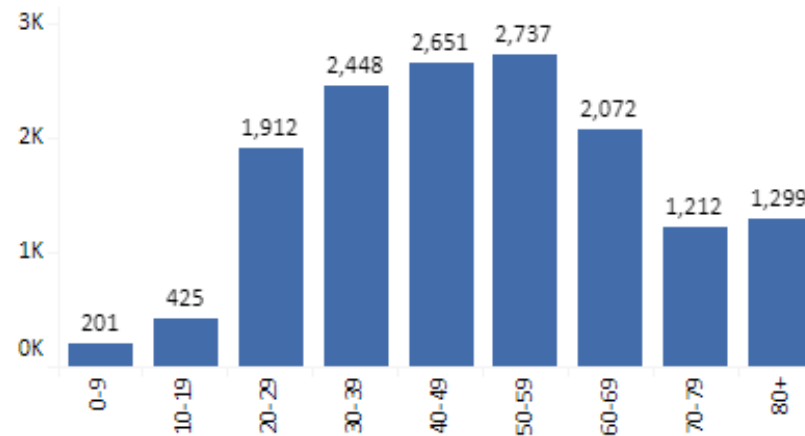
# COVID-19 in Virginia

Updated 4/30/20 (Cases Reported as of 4/29/20 5:00 PM)

Total Cases*		Total Hospitalizations**		Total Deaths	
<b>15,846</b>		<b>2,322</b>		<b>552</b>	
Confirmed†	Probable†	Confirmed†	Probable†	Confirmed†	Probable†
15,180	666	2,313	9	543	9

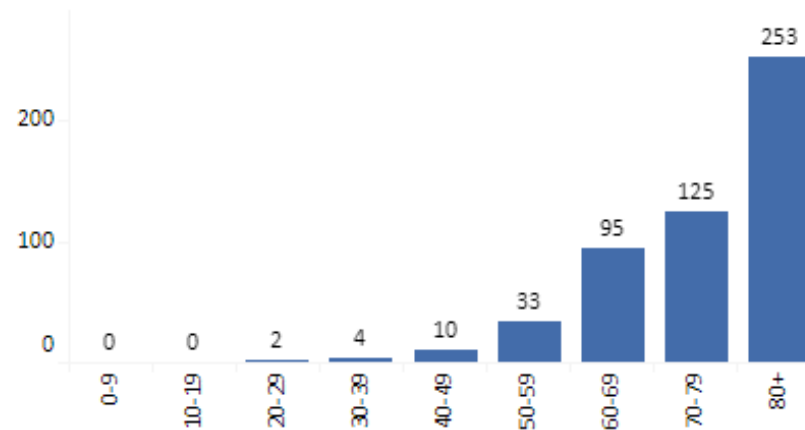
## Cases by Age Group - Virginia

Not Reported: 4



## Deaths by Age Group - Virginia

Not Reported: 0



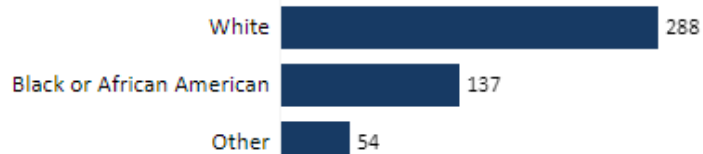
### Cases by Race - All Health Districts

Not Reported: 5,069



### Deaths by Race - All Health Districts

Not Reported: 73



### Cases by Ethnicity - All Health Districts

Not Reported: 6,040



### Deaths by Ethnicity - All Health Districts

Not Reported: 141



### Cases by Sex - All Health Districts

Not Reported: 121



### Deaths by Sex - All Health Districts

Not Reported: 4



All Health Districts  
Total Outbreaks

**224**

All Health Districts  
Outbreak Associated Cases

**3,649**

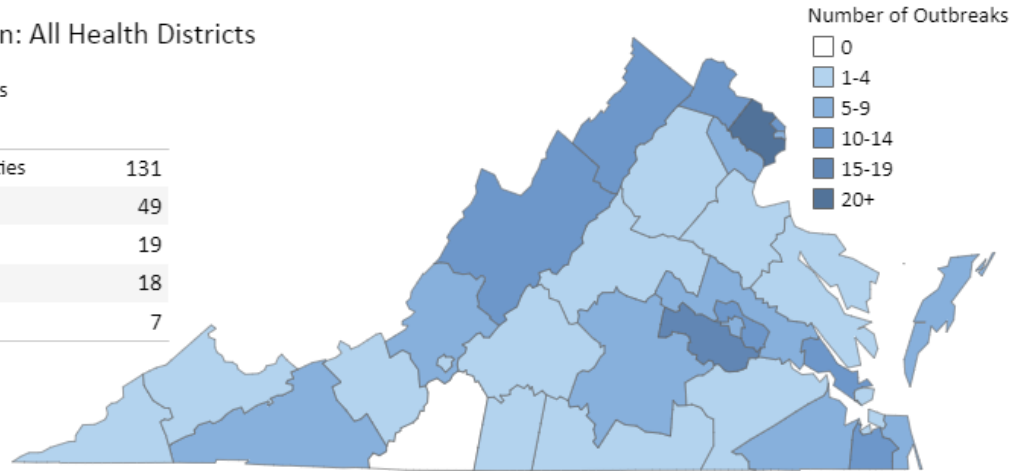
All Health Districts  
Cases in Healthcare Workers

**1,137**

Current Selection: All Health Districts

Number of Outbreaks  
by Facility Type

Long Term Care Facilities	131
Congregate Setting	49
Correctional Facility	19
Healthcare Setting	18
Educational Setting	7

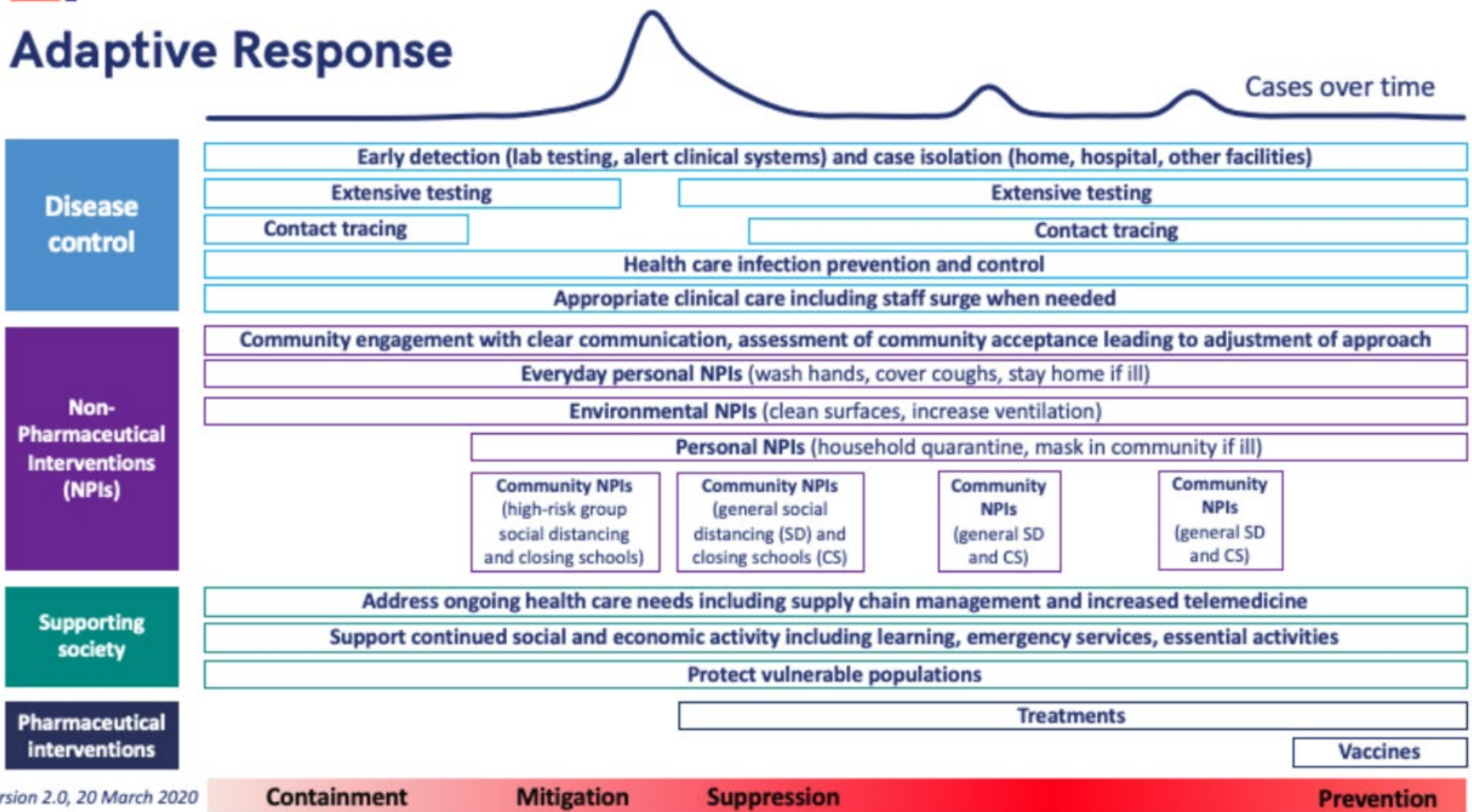


Cases and Deaths by Outbreak Facility Type - State Totals

Long Term Care Facilities	Cases	2,299
	Deaths	284
Congregate Setting	Cases	625
	Deaths	12
Correctional Facility	Cases	619
	Deaths	1
Healthcare Setting	Cases	70
	Deaths	0
Educational Setting	Cases	36
	Deaths	0

# TESTING IN VIRGINIA

# Adaptive Response



Version 2.0, 20 March 2020



**TEST**

Widely



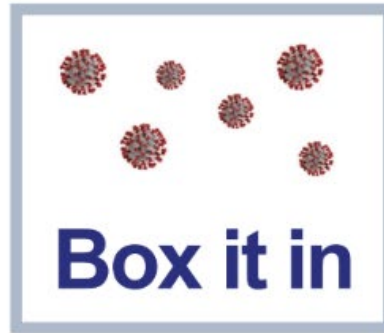
**ISOLATE**

All infected people



**QUARANTINE**

All contacts self-isolate  
for 14 days



To get us all working again



**FIND**

Everyone who has been in  
contact with infected people



# Virginia needs to keep doing what we're doing and plan for the next phase

## VIRGINIA'S METRICS FOR PHASE ONE:

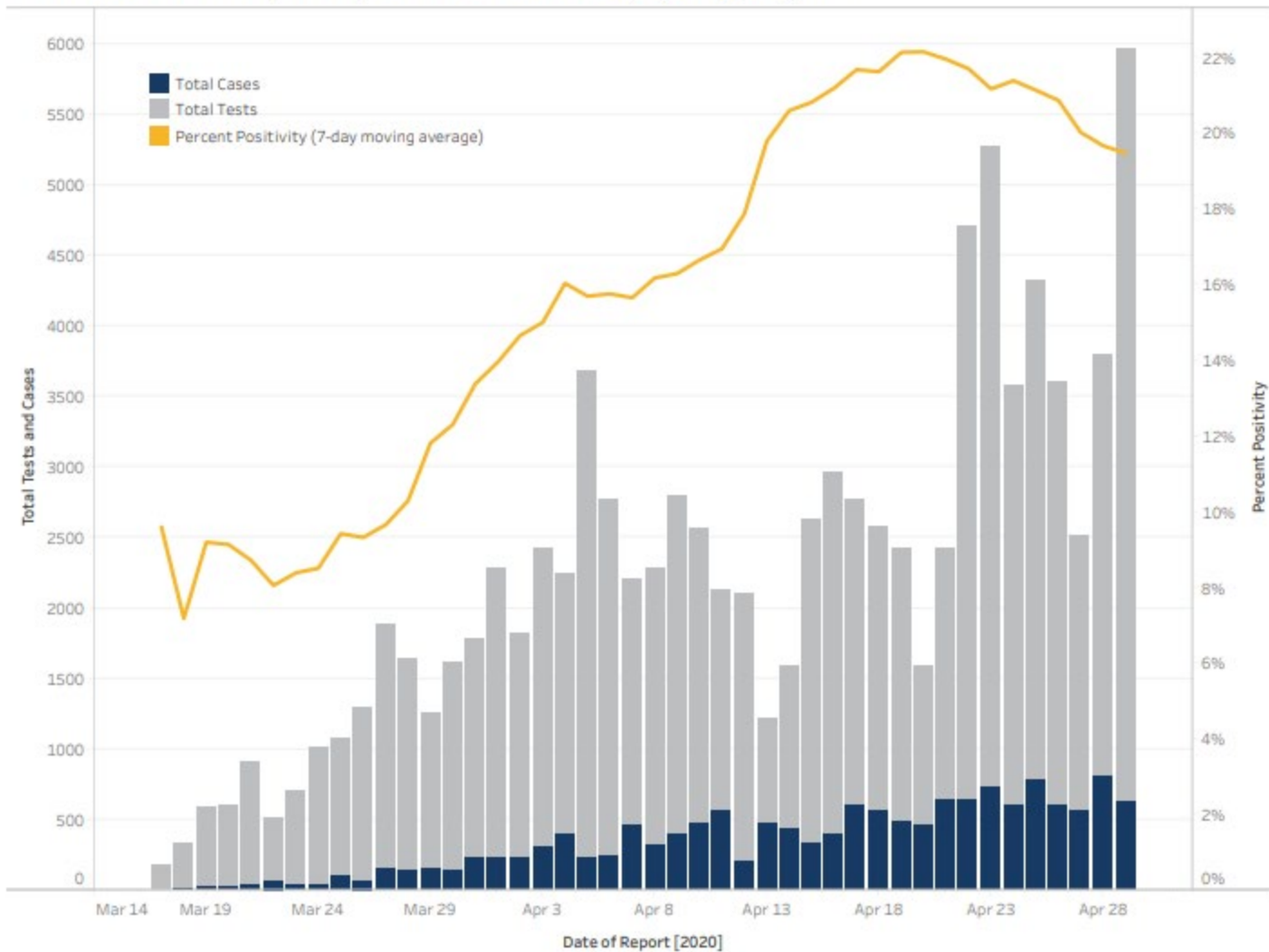
- ✓ Moving downward: Percentage of positive tests over 14 days
- ✓ Moving downward: Hospitalizations over 14 days
- ✓ Enough hospital beds & intensive care capacity
- ✓ Increasing & sustainable supply of PPE

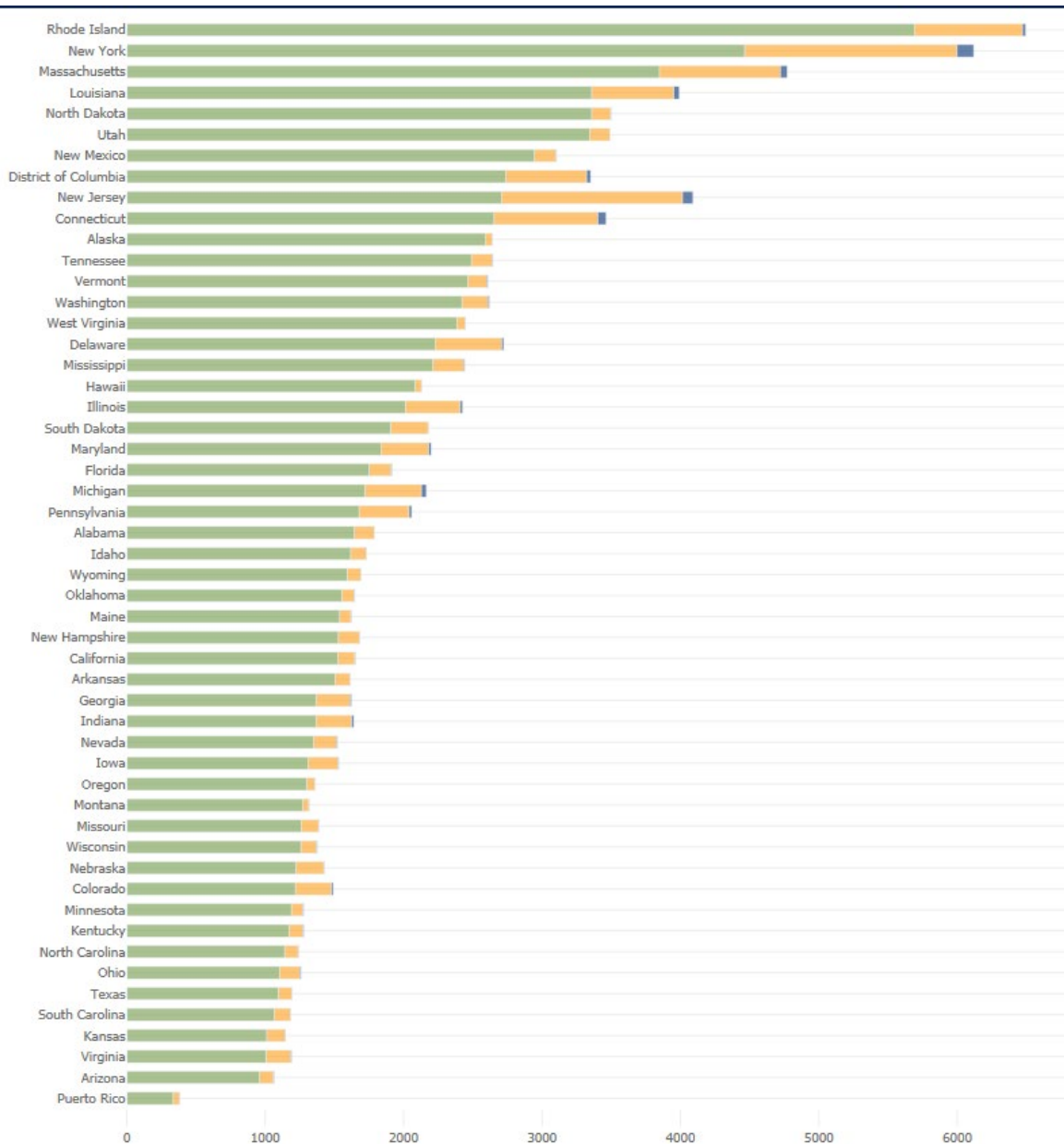


	Tests Per Day	Cumulative Tests
30-Apr	5,536	90,843
29-Apr	2,554	85,307
28-Apr	2,645	82,753
27-Apr	3,990	80,108
26-Apr	3,940	76,118
25-Apr	3,163	72,178
24-Apr	4,497	69,015

Average	3,761
Median	3,940

## Total COVID-19 Tests, Cases, and Percent Positivity by Day, Virginia





RI = 5,690 per 100,000

DC = 2,737 per 100,000

MD = 1,836 per 100,000

VA = 1,009 per 100,000

Deaths per 100k pop. Confirmed cases per 100k pop. Tests per 100k pop.

As of 4/29/20

# FEMA Briefing for State Health Officials

Preliminary information shared on 4/27/20 - not confirmed

- Goal = Test 2% of population in month of May
  - 171,000
  - 5,516 tests per day
  
- FEMA providing
  - 100% of swabs
  - 75% VTM

# CDC Guidance: Specimen Collection

## Updated 4/29/20

- NP, OP, NP wash, nasal wash collected by a healthcare professional or
- Anterior nares (nasal swab) specimen collected by a healthcare professional or by onsite or home self-collection (using a flocced or spun polyester swab)
- For providers who are handling specimens, but are not directly involved in collection (e.g. self-collection) and not working within 6 feet of the patient, follow Standard Precautions; laboratory coats or gowns, gloves, and eye protection are recommended

# Priorities for COVID Testing Health Care

## High Priority

- Hospitalized patients
- HCWs and first responders with symptoms
- Workers and residents with symptoms in congregate settings

## Priority

- Persons with COVID symptoms
- Persons without symptoms
  - Screening

# Priorities for COVID Testing Public Health

## High Priority

- Outbreak investigations
- Selected contact investigations

## Priority

- Persons without symptoms
  - PH monitoring
  - Sentinel surveillance

## Transition during May

- Local health departments work with local government and healthcare systems to conduct testing clinics while the outpatient providers increase capacity to test
- Local health departments build up work force for containment efforts

## After Transition

- All state testing supports public health surveillance and containment activities



## COVID-19 Testing Sites

This map/list is intended to help provide information of known locations of various COVID-19 test sampling sites and does not constitute endorsement by VDH. There may be additional sites that offer test sampling that are not included on the map and the status of listed sites are subject to change (may no longer perform COVID-19 testing services).

Your location  Search radius  Results

Regions

### Vernon J. Harris Medical & Dental Center

719 N. 25th Street  
Richmond VA 23223

Phone: 804-780-0840

[More info](#)

0.9 mi  
[Directions](#)

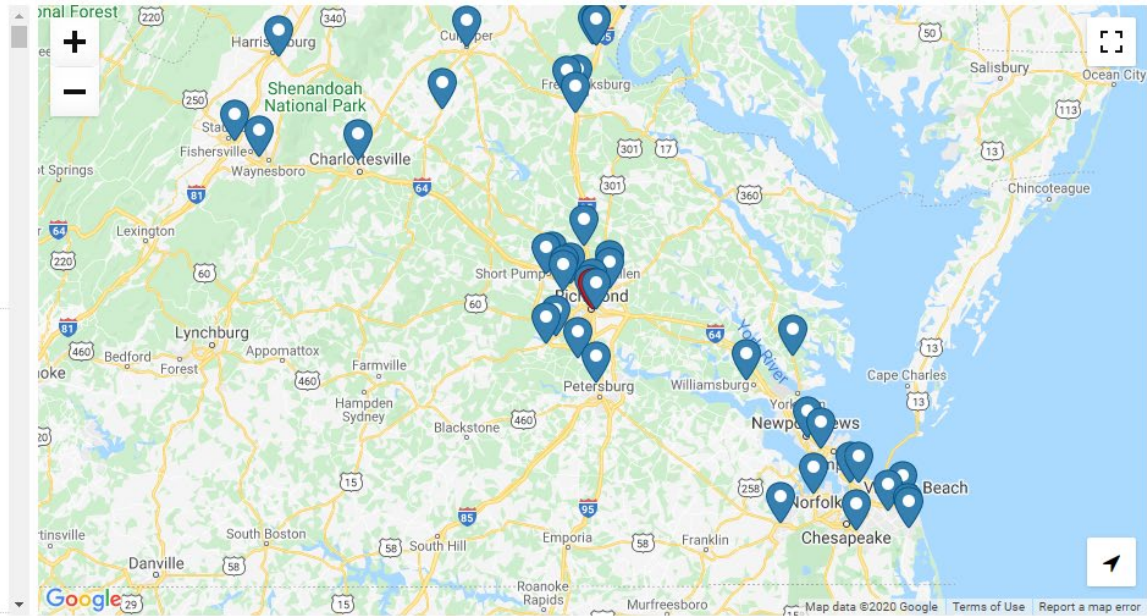
### Daily Planet West Grace Health Center

517 W. Grace Street  
Richmond VA 23220

Phone: (804) 783-2505

[More info](#)

1.2 mi  
[Directions](#)



Thank you!