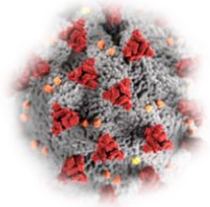


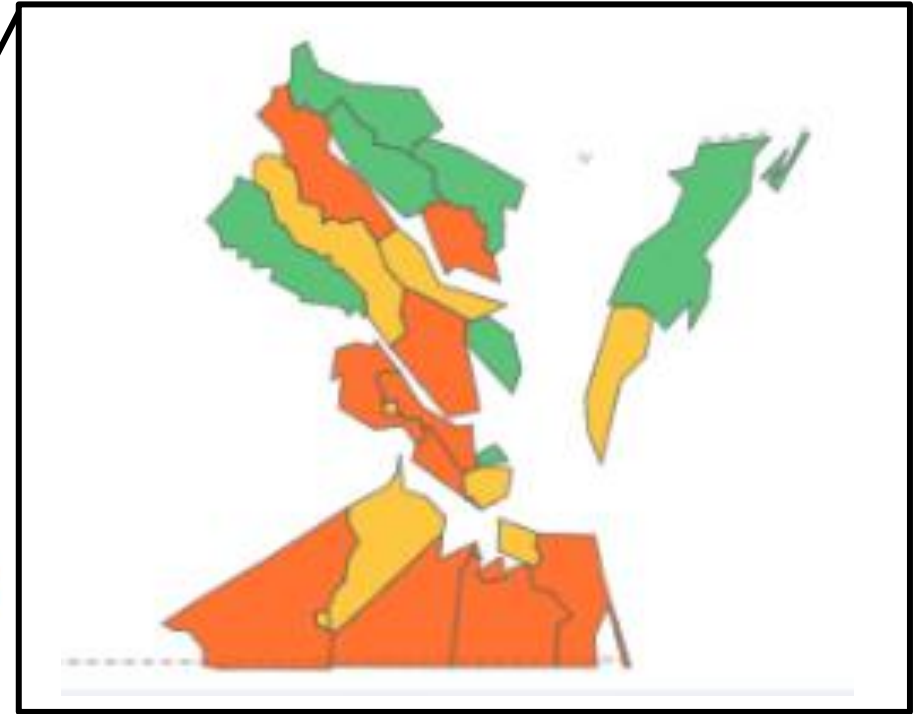
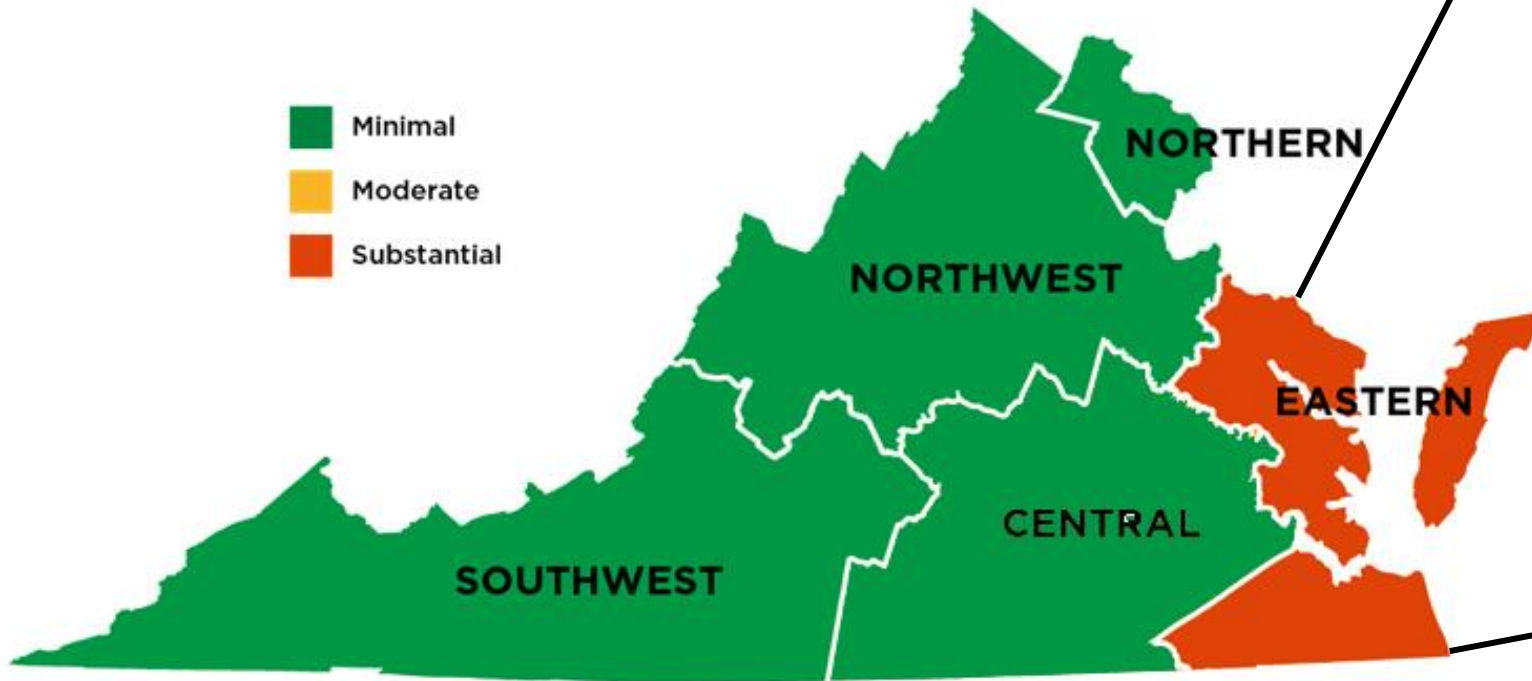
COVID-19 Cases in Virginia Beach

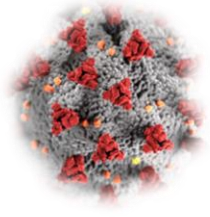
JULY.21.2020



Level of Community Transmission By Region

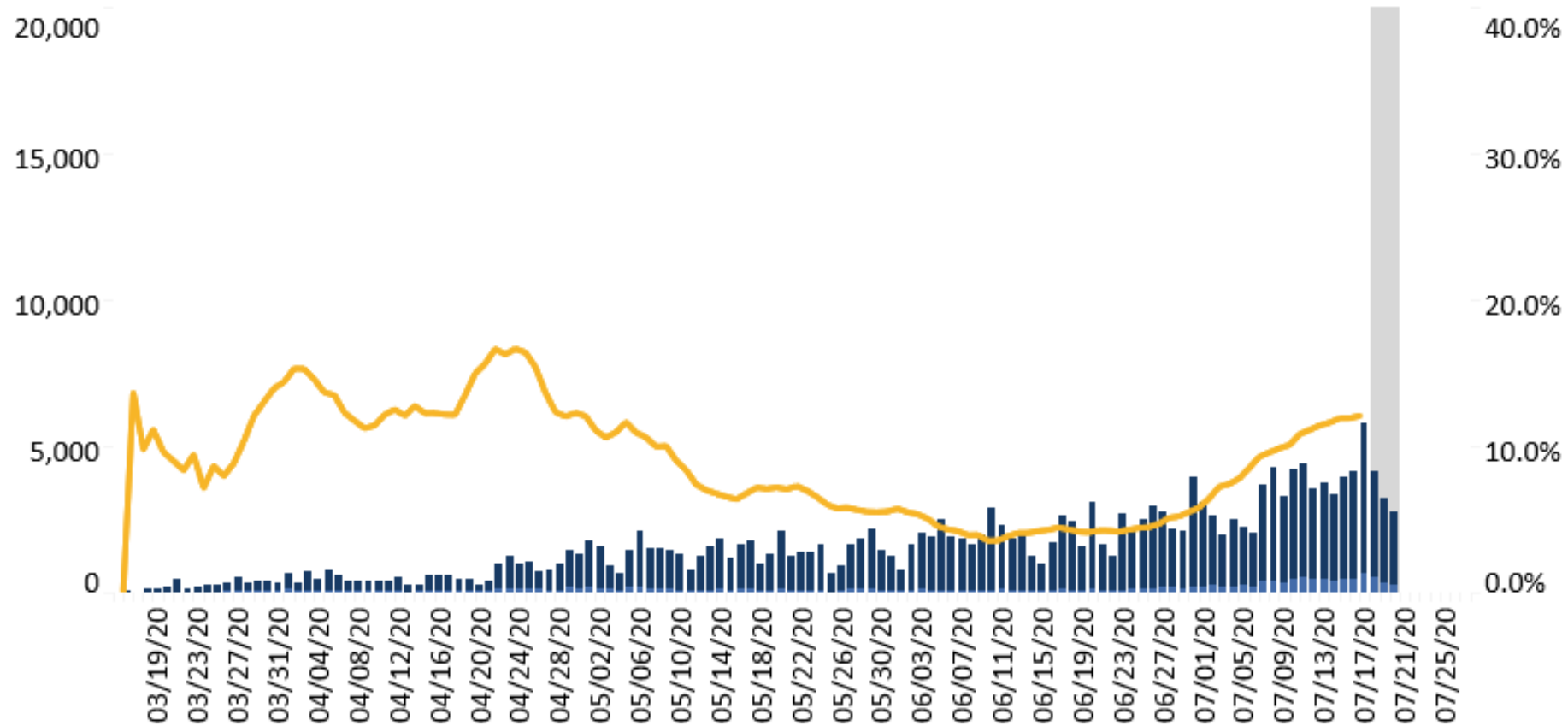
-  Minimal
-  Moderate
-  Substantial

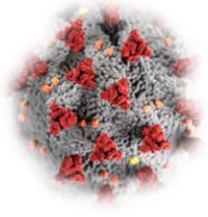




Eastern Region Testing

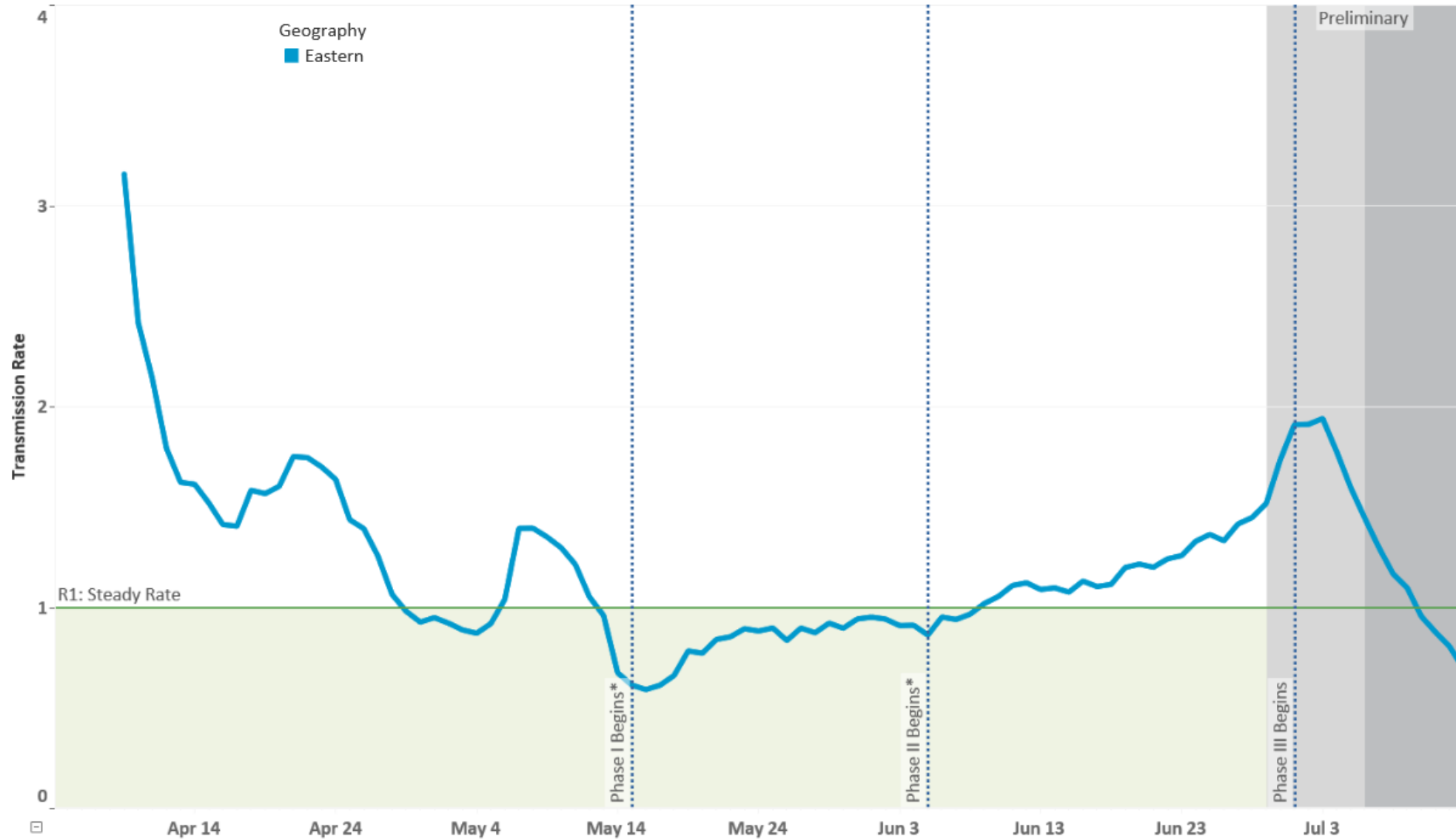
Number of Testing Encounters, Number of Positive Testing Encounters, and Percent Positivity by Lab Report Date, PCR Only - Eastern Region

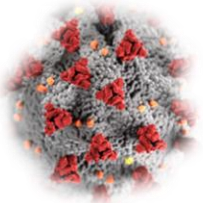




Transmission Rate (R0): Eastern

7-day Moving Average, Updated 7/21/2020 12:23:29 PM





3000

Cumulative Number of COVID-19 Cases on Isolation in Virginia Beach (March.31 to July.20)

In PH Isolation Isolation ended Cumulative Deaths

Cumulative Number of Cases

2500

2000

1500

1000

500

0

4/7 4/9 4/11 4/13 4/15 4/17 4/19 4/21 4/23 4/25 4/27 4/29 5/1 5/3 5/5 5/7 5/9 5/11 5/13 5/15 5/17 5/19 5/21 5/23 5/25 5/27 5/29 5/31 6/2 6/4 6/6 6/8 6/10 6/12 6/14 6/16 6/18 6/20 6/22 6/24 6/26 6/28 6/30 7/2 7/4 7/6 7/8 7/10 7/12 7/14 7/16 7/18 7/20

Date of Report

39

34

34

34

32

34

32

32

32

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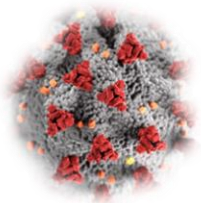
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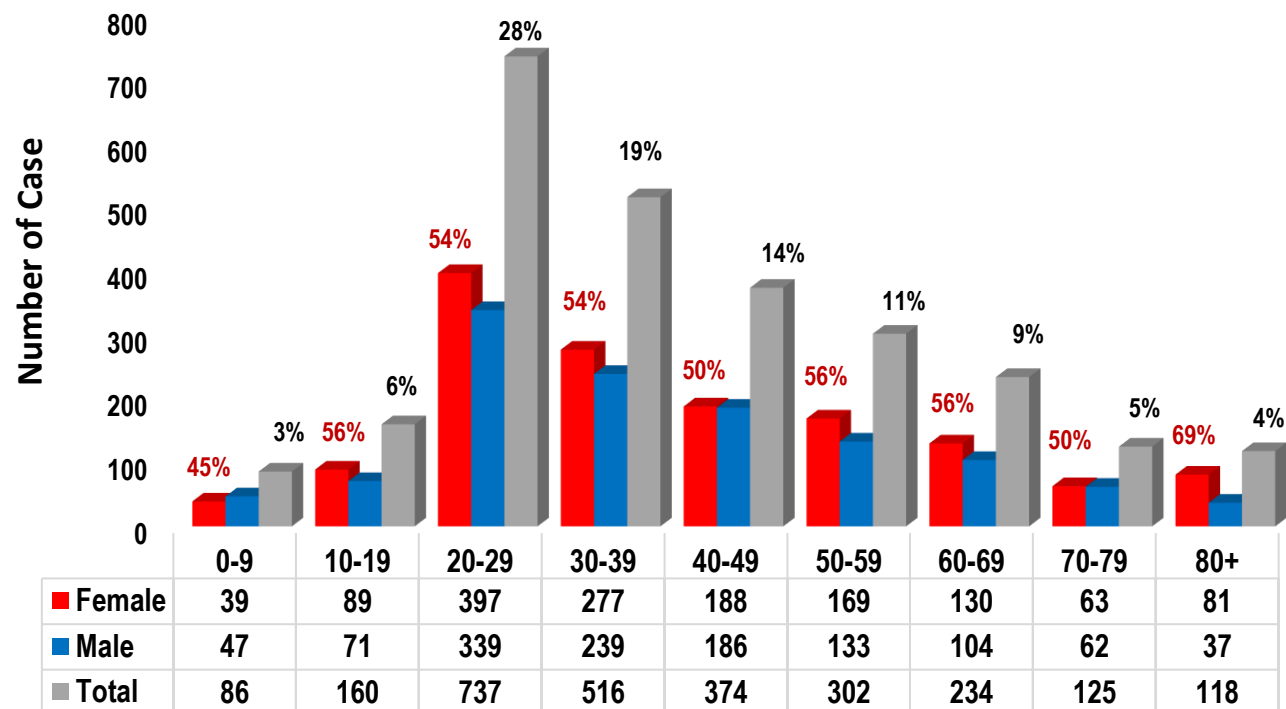
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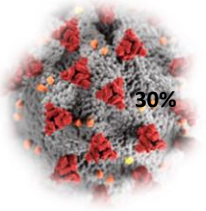


Demographic Characteristics of Cases

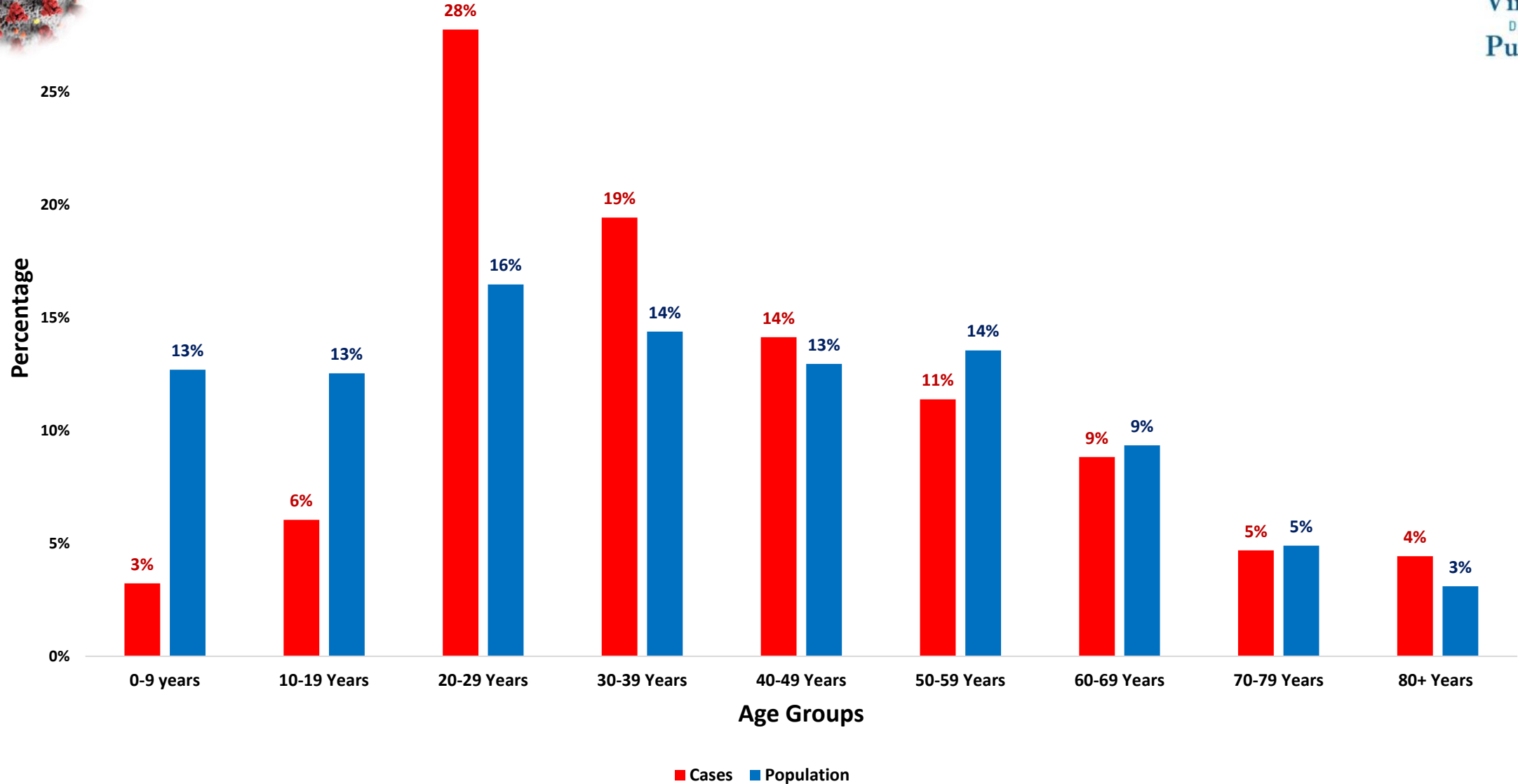
COVID-19 Cases by Age & Sex

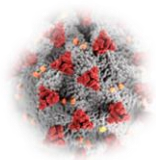
- The Number of COVID-19 Cases through 07/20/2020 in Virginia Beach is **2716** cases.
- Their mean (Standard Deviation(SD)) of age is **40 (19.6)** years.
- More than two thirds of the Cases (**72%**) aged between (20-60) years.





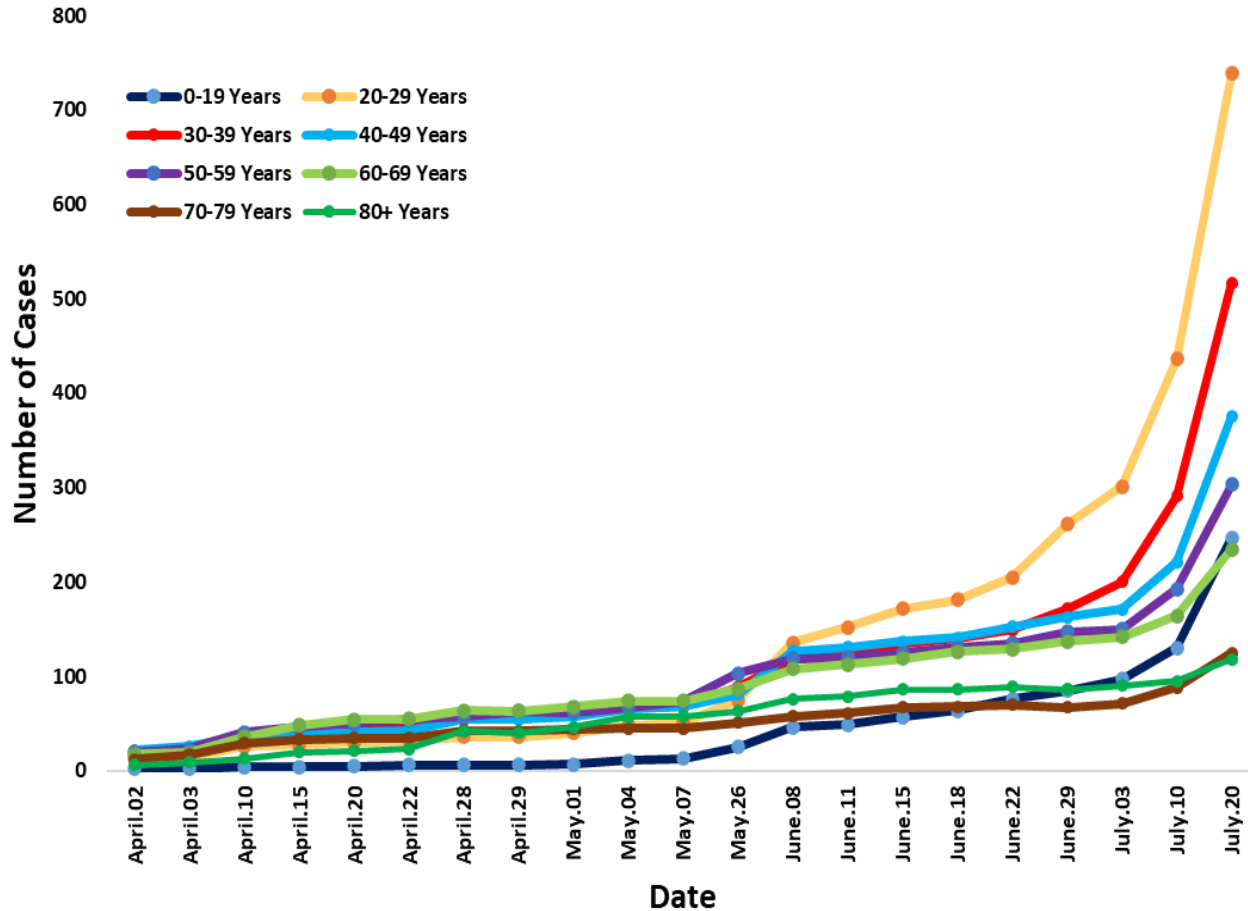
Age Distribution of the Cases Compared to the Population Age Distribution



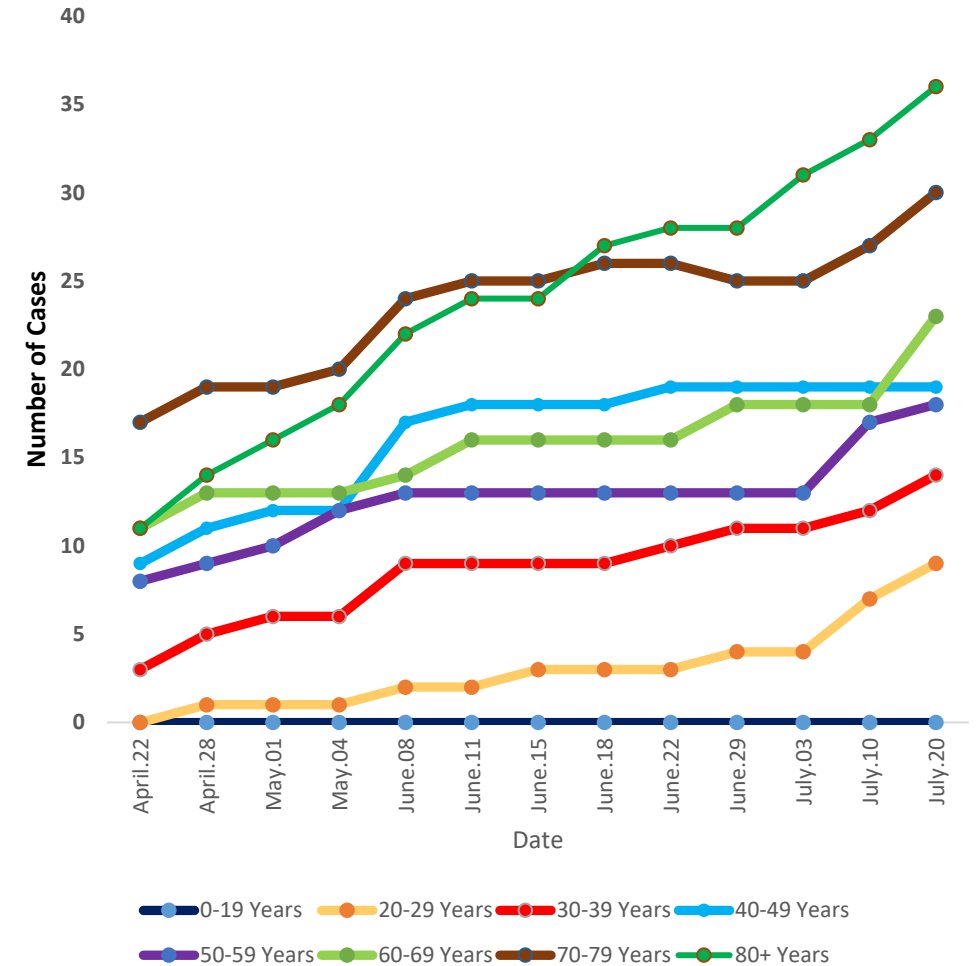


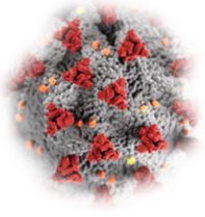
Trend in Age Distribution of the Cases vs. Hospitalized Cases

Age Stratified Number of COVID-19 Cases Over Time



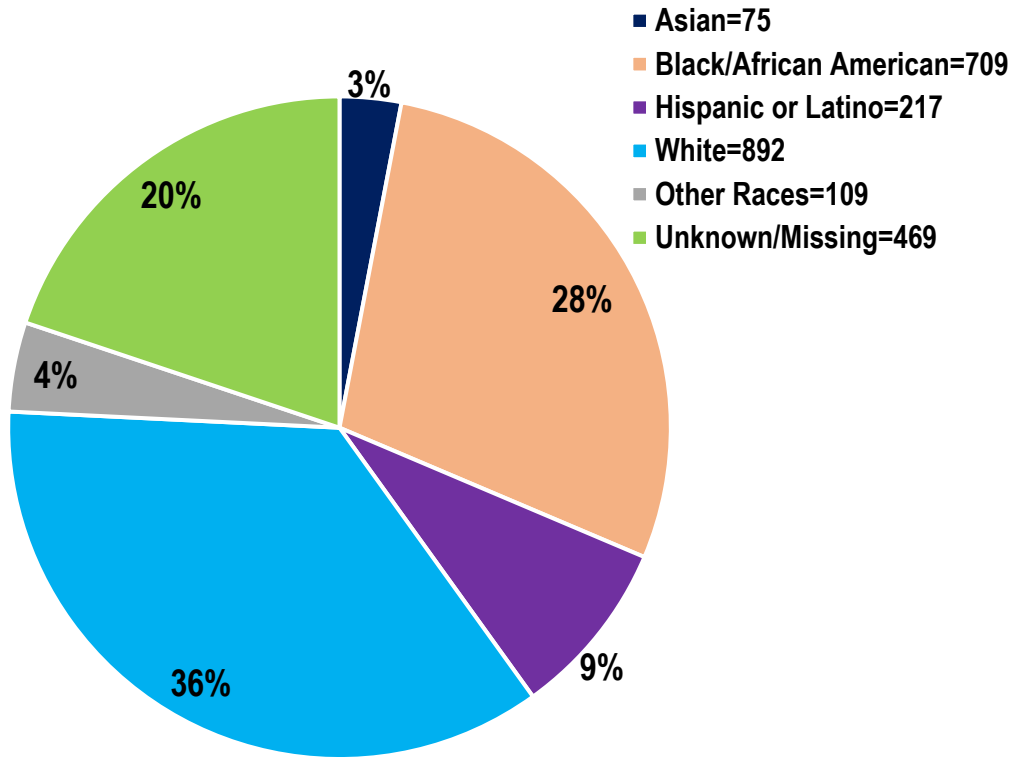
Age Stratified Number of COVID-19 Hospitalized Cases Over Time



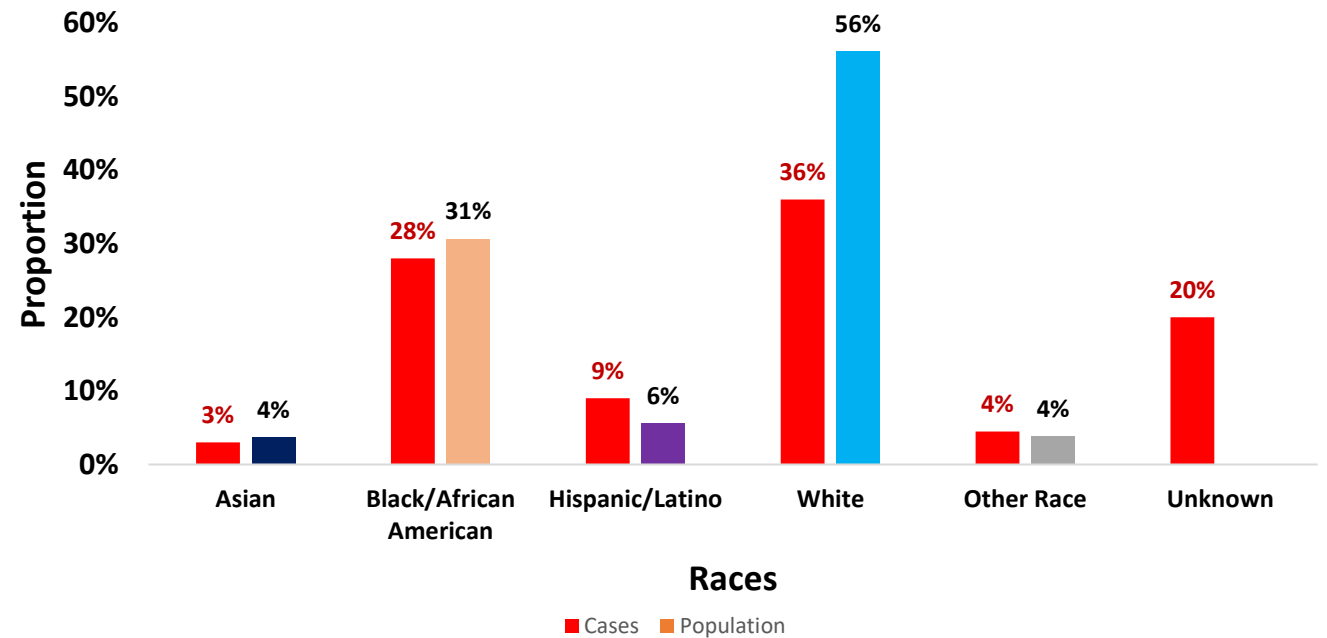


Demographic Characteristics of Cases

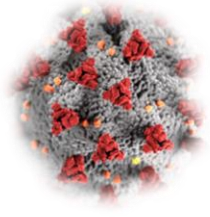
Cases by Race



Race Distribution of the Cases Compared to the Race Distribution in the Population



The race is known for 73% of the cases

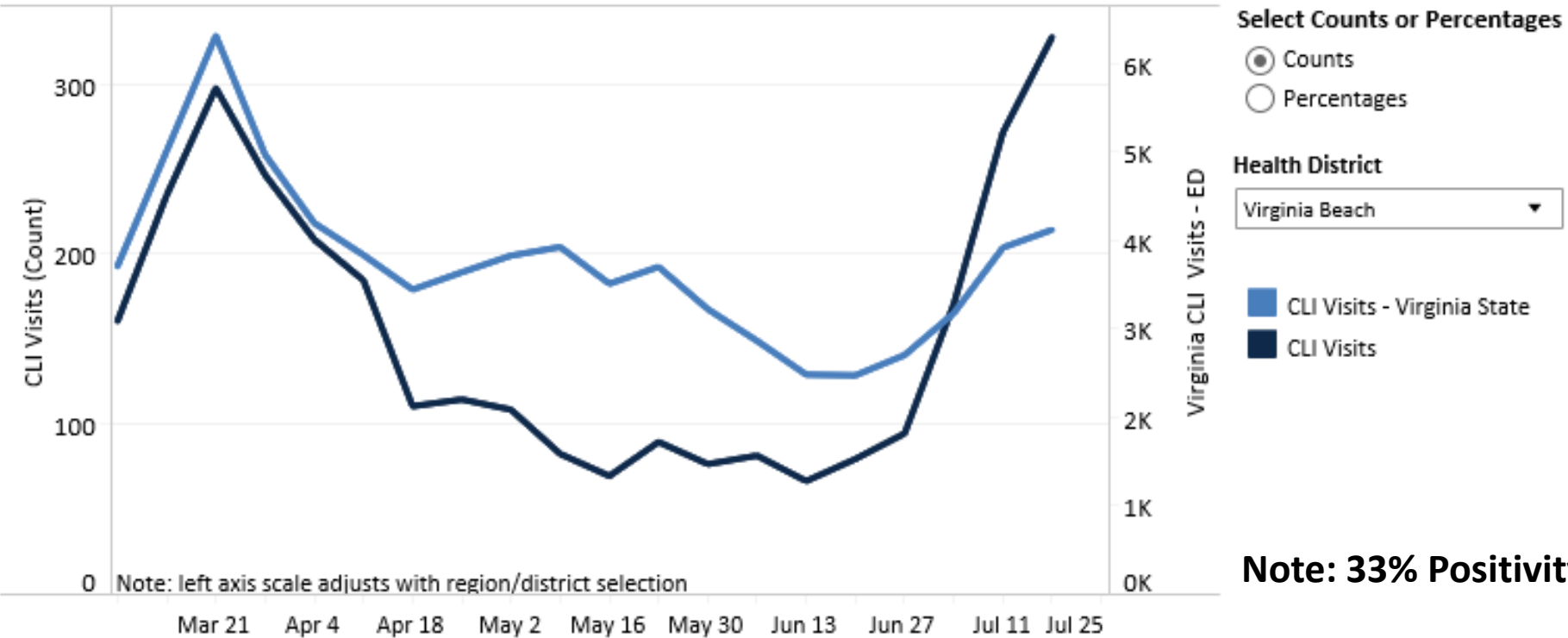


Emergency Dept. CLI Visits

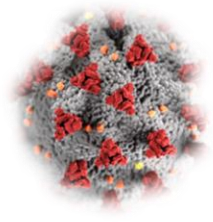
ED Visits for COVID-Like Illness (CLI)

VDH monitors ED visits to measure the number of patients seeking care for a COVID-like illness (CLI). Visits for CLI include visits noting symptoms of fever/viral infection with a respiratory complaint (e.g. cough, shortness of breath, difficulty breathing), those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit. These data **do not represent confirmed cases of COVID-19**, but they can assist with understanding the burden on healthcare systems and the community.

Weekly CLI Visits (Counts) - Virginia Beach

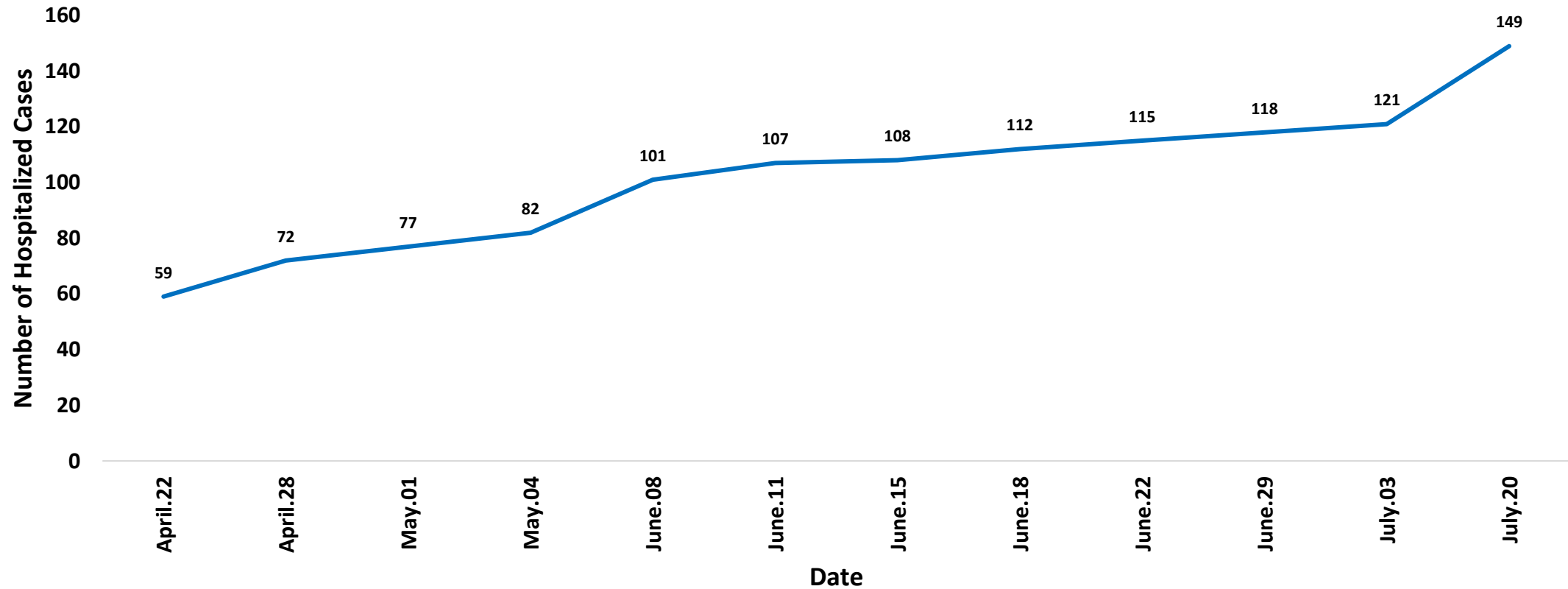


Note: 33% Positivity rate in ED visits

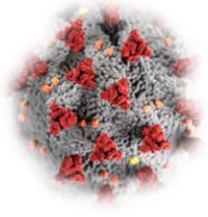


Hospitalization

Cumulative Number of Hospitalized Cases Over time

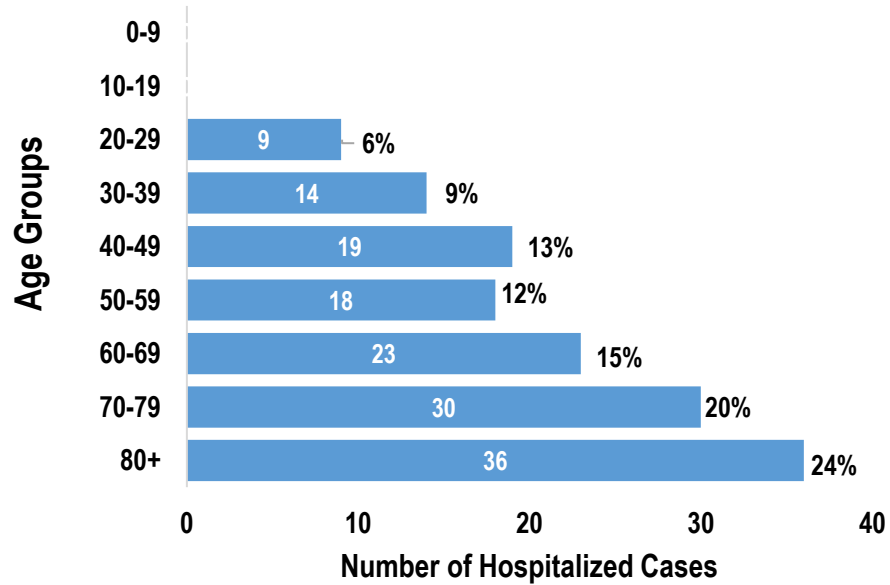


5% of Cumulative Number of cases have been or are currently Hospitalized

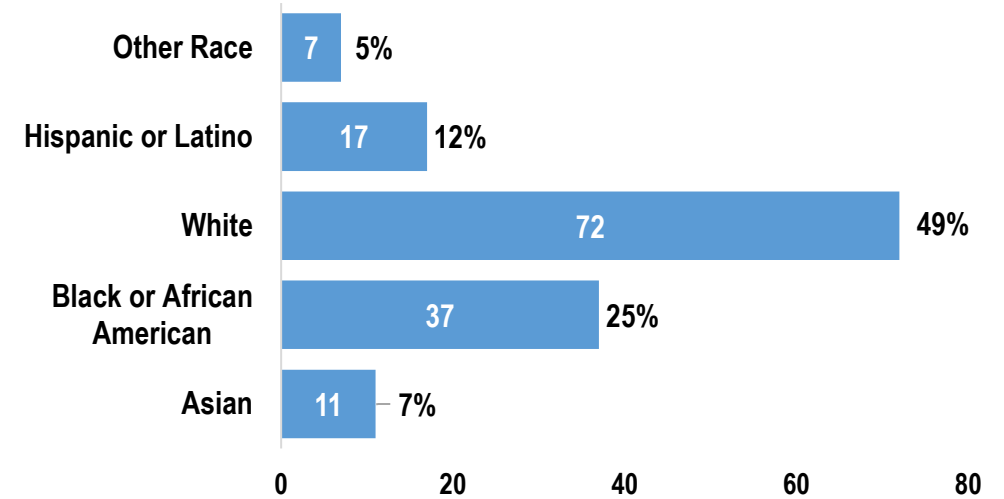


Hospitalization

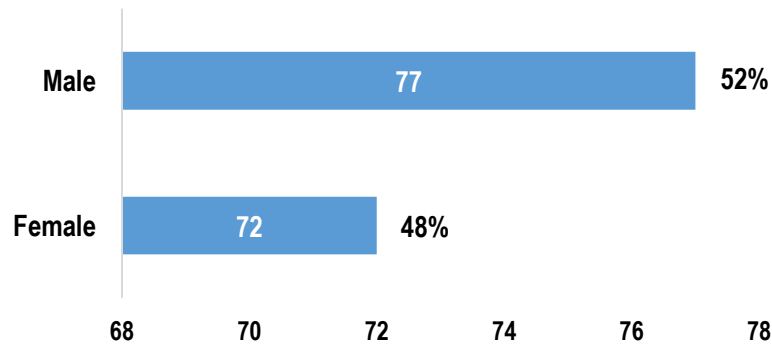
Age Distribution of Hospitalized Cases



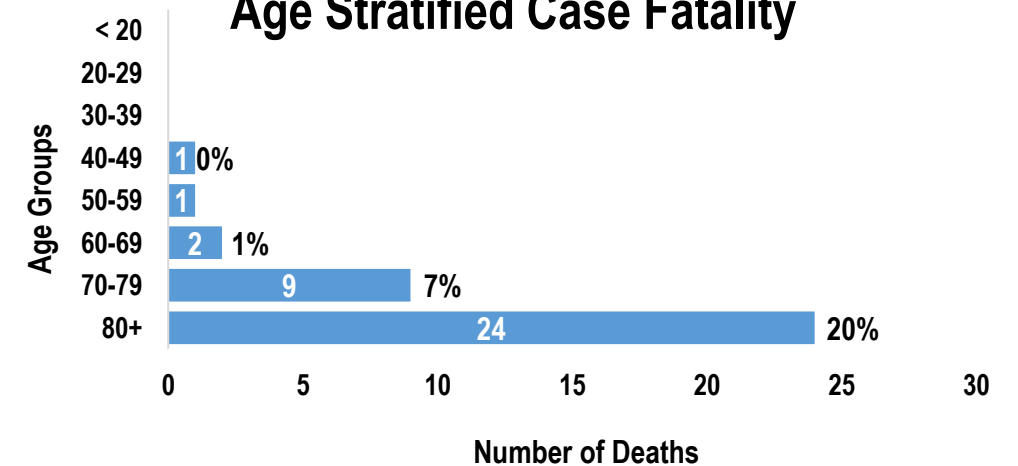
Race Distribution of Hospitalized Cases

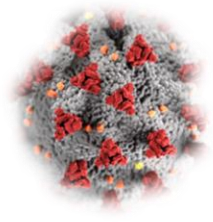


Sex Distribution of Hospitalized Cases



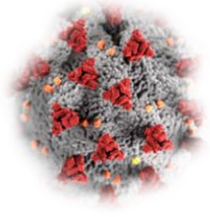
Age Stratified Case Fatality





What VDH is doing

- Increased emphasis on enforcing Governor's Executive Orders
- Continued efforts to educate businesses and the public around public health preventive strategies
- Enhanced public health response efforts with close monitoring of key indicators
 - Case investigations
 - Contact tracing
 - Adding staff to support these efforts
- Enhancing testing
- Planning for Immunizations
- Support planning efforts of other agencies
- Strike teams to address outbreaks and provide technical support to high risk settings



VDH Redcap Survey

Citizen Report of Violations

Summary by
Establishment Type:

Restaurant	356
Grocery/convenience store	260
Brick & Mortar Retail	198
Other	90
Doctors Office	34
Fitness & Exercise	25
Personal Grooming Service	18
Hotel	17
Winery/Brewery	5
Religious Service	3
Indoor Gun Range	3
Grand Total	1009

Summary by
Violations:

Not Wearing Face Covering	942
Not Following Social Distancing	540
Over Capacity/Crowded	177
Grand Total	1659

Note: Multiple violations can be reported for same establishment



Executive Order(s) Enforcement

- Partnered with ABC to conduct unscheduled field visits over the weekend
- Focused on areas with most complaints:
 - Oceanfront
 - Shore Drive
- Most time was spent on education - businesses were very receptive & made onsite modifications
- Suspended two restaurants food permits due to violations of EO-65 & EO-67

Summary

- Virginia Beach and the Eastern Region are experiencing a dramatic and disturbing increase in COVID-19 cases
- We have returned to a level of widespread community transmission at a moderate level, the pace of which is rapidly advancing
- There has been a significant shift to a younger population in cases, with the greatest proportion in the 20 – 29 year age group
- Public health case investigations and observations show a major contributing factor is an increased socialization of extended (non-household) family and friends and large gatherings in bar areas of restaurants without observance of public health preventive measures – social distancing, facial coverings, etc.

Summary -

- We are all part of the solution. What we each do personally and collectively matters
- Case investigation and contact tracing alone will not turn this tide
- Experiencing increased turnaround for lab results, which is impeding effectiveness of Case Investigation & Contact Tracing
- Follow the public health preventive measures. Avoid crowds
- Unfortunately, those outside our household, regardless of our level of comfort with them, pose and increase risk
 - ❖ For socialization – limit if you can; KEEP YOUR CIRCLE TIGHT