

COVID-19 Public Health Division Report

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Maplewood Public Health Division

May 5, 2020





Cases and Trends

Hospital Census

Long Term Care

State Psychiatric Hospitals

Demographics

COVID-19 Dashboard

Updated: 5/4/2020 1PM

COVID-19 Cases by County

Data is provisional and subject to revision.

Bergen County:
16,282 Positive Test Results
1,215 Deaths

Hudson County:
15,881 Positive Test Results
845 Deaths

Essex County:
14,621 Positive Test Results
1,292 Deaths

Passaic County:
13,496 Positive Test Results
633 Deaths

Union County:
13,357 Positive Test Results
737 Deaths

Middlesex County:
12,768 Positive Test Results

Total New Cases

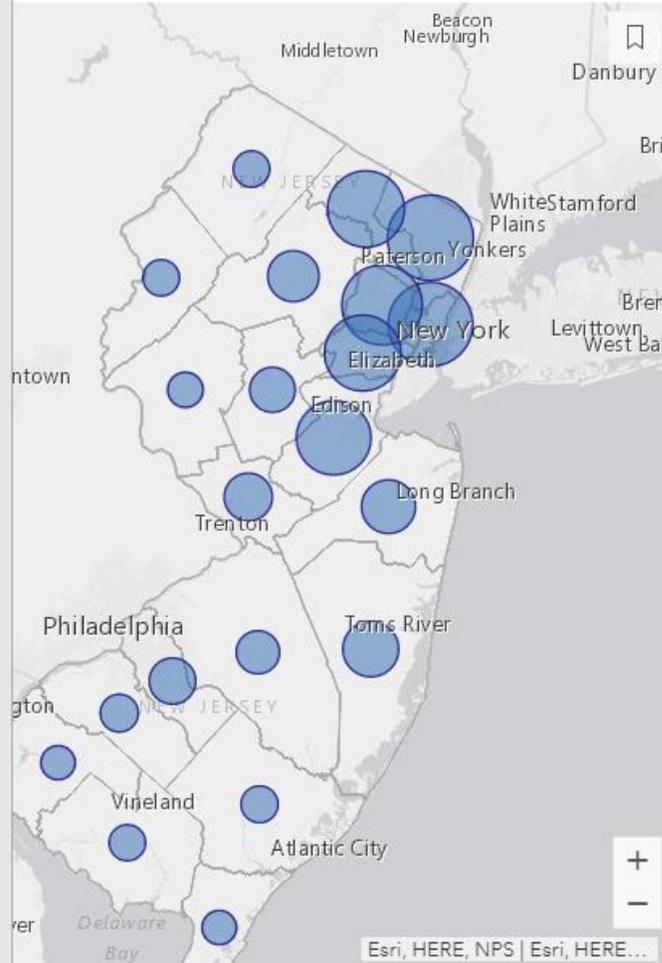
Positives Pending
647

Further Information

Deaths Pending
0

Further Information

Cases by County:



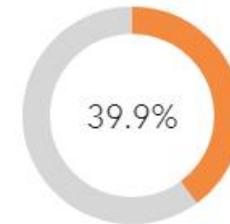
Click county to see details.

Map (scroll for more content)

Total Positives
128,269

Total Deaths
7,910

Percent Positivity*



39.9%

Total Tests Reported*
248,319

Major Lab Positives*
99,368

Total Negatives
148,951

*Note: Total tests performed from major laboratories reporting both positive and negative results represents over 90% of the test results received. These laboratories include Bioreference Laboratory, Genesis Laboratory Management, Hackensack University Medical Center, LabCorp, Medical Diagnostics Laboratories, NJPHEL, NY State, Quest Diagnostics.



Current COVID-19 Status Overview in Maplewood (as of 5/4/2020)

Maplewood population: 25,232

- Positive Cases: 263
- Probable Cases: 1
- Negative Cases: 423
- Recovered Cases: 120



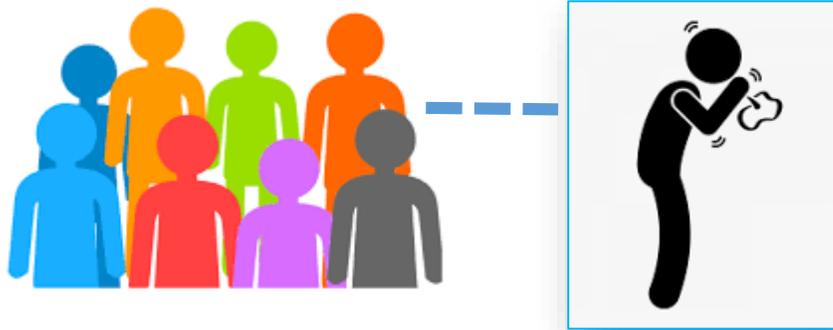
What is COVID-19?

- Coronavirus (COVID-19) is an illness caused by a virus that can spread from person to person.
- The virus that causes COVID-19 is a new coronavirus that has spread globally.
- COVID-19 symptoms can range from mild (or no symptoms) to severe illness, hospitalization and death.

How is COVID-19 Spread?

- Close contact (within six feet or two arm lengths) with a person who has COVID-19. COVID-19 is primarily spread from person to person.
- You can become infected from respiratory droplets when an infected person coughs, sneezes and talks.
- Infection may be transmitted by touching a surface or object that has the virus on it, and then touching your mouth, nose or eyes.
- Anyone can spread it and everyone is vulnerable

What is the incubation period of COVID-19?



Incubation Period: The time period between the moment of exposure to a sick individual until signs and symptoms of disease appear.

- The incubation period of COVID-19 is 2-14 days.
- * A person may be able to spread COVID-19 even if they do not show symptoms and up to two days before they begin to show symptoms.

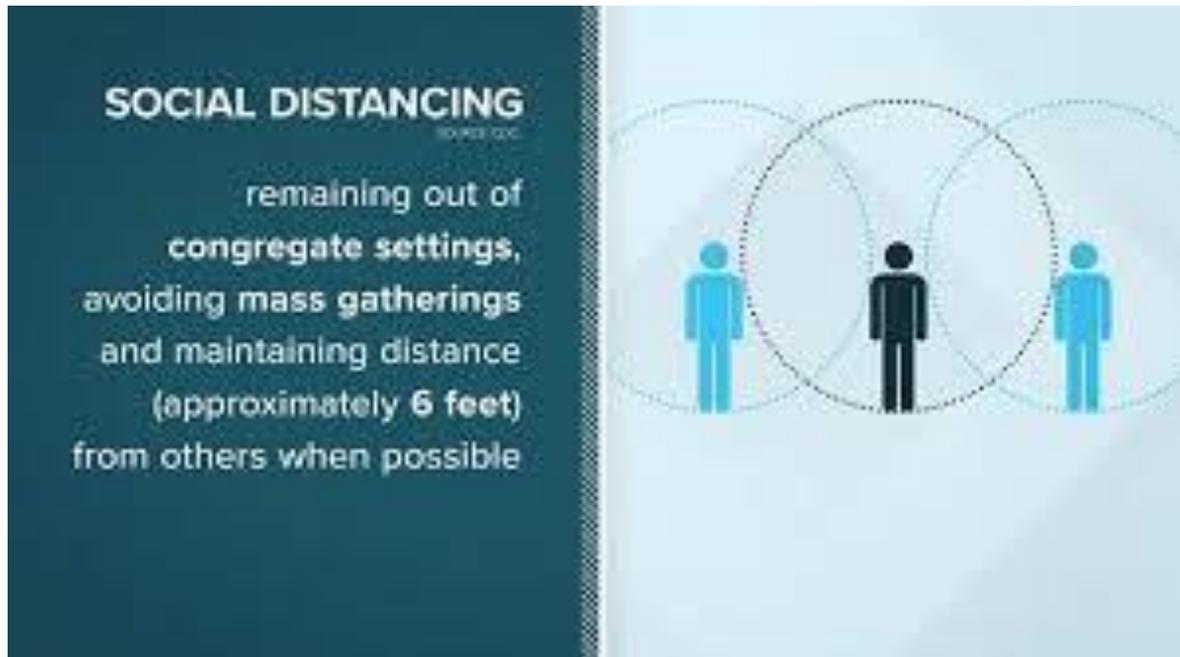
Symptoms of COVID-19

- No symptoms (10%), Mild symptoms (80%), Severe illness (10%)
- Symptoms: cough, fever (100.4F), shortness of breath.
 - Chest tightness, bad headache, body aches, chills, loss of taste and smell, loss of appetite, sore throat, diarrhea, nausea and vomiting.
- Symptoms are similar to common cold, influenza and seasonal allergies
- More severe symptoms: pneumonia, acute respiratory distress syndrome (ARDS), blood clots

Unique Characteristics of COVID-19

- High susceptibility
- Scale of COVID-19. Global pandemic
- High transmissibility
- High rates of hospitalization and death
- No vaccine

How do we protect ourselves?



Social Distancing is more than just standing 6 feet apart. It is also about limiting the number of contacts a person has. Avoid large groups of people, avoid non-essential travel, avoid mass and public transportation, limit exposure to places with multi-touch surfaces and going out for essential needs only.

COVID-19 Testing vs. Antibody Testing

COVID-19 testing

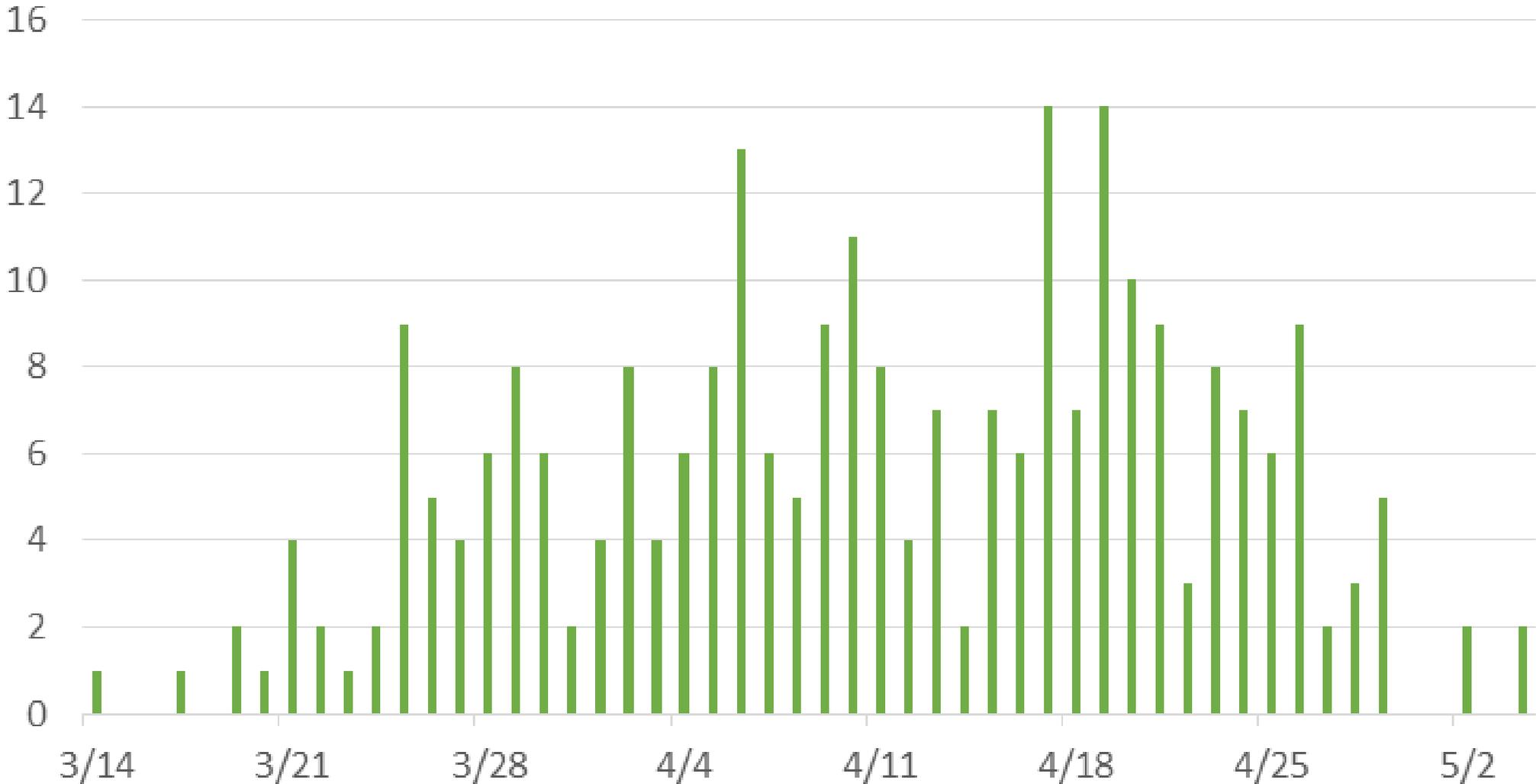
- Tests if you have been exposed and are infected
- Test with or without symptoms
- Nasopharyngeal- swabbing
- Saliva test (coming)

Antibody (serology) testing

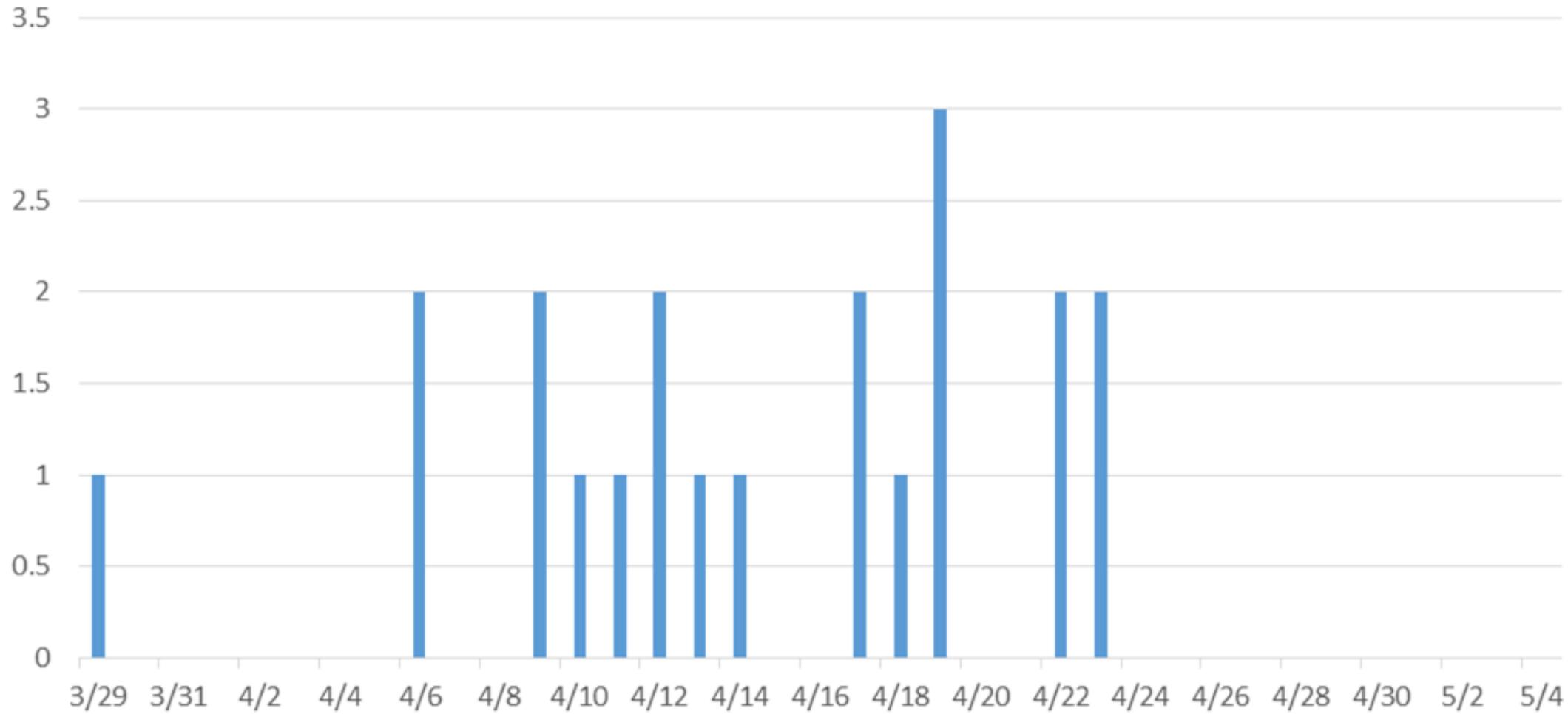
- Tests if you have developed immunity to COVID-19
- Blood sample
- Taken after you have recovered from COVID-19 symptoms
- This test allows you to donate plasma to test antibodies

These tests are snapshots in time.

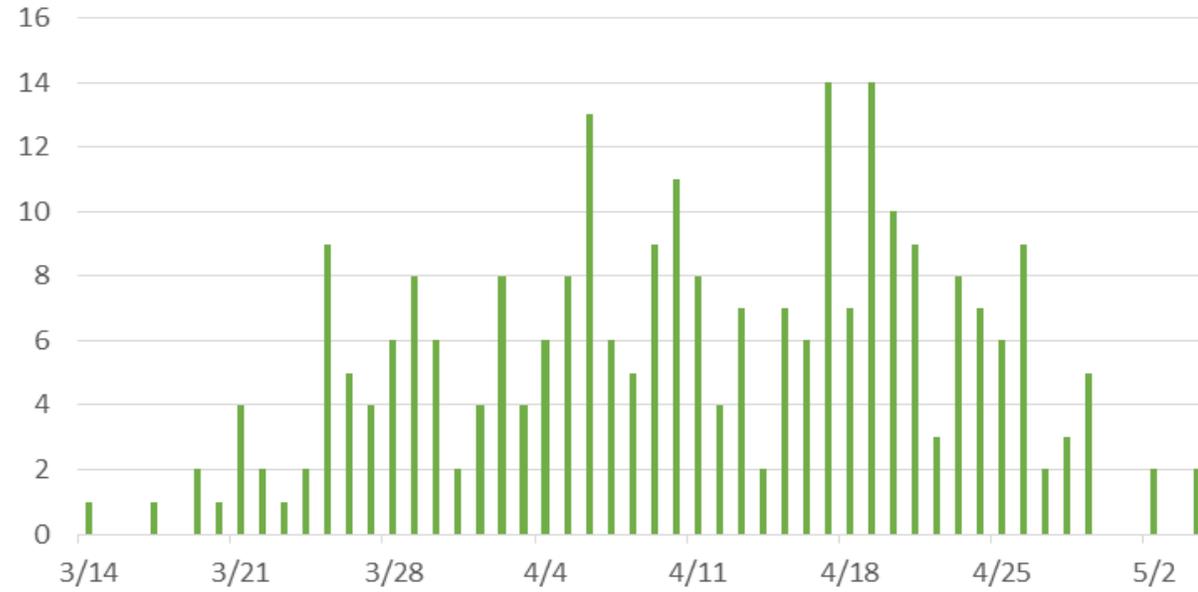
Number of Daily New Cases



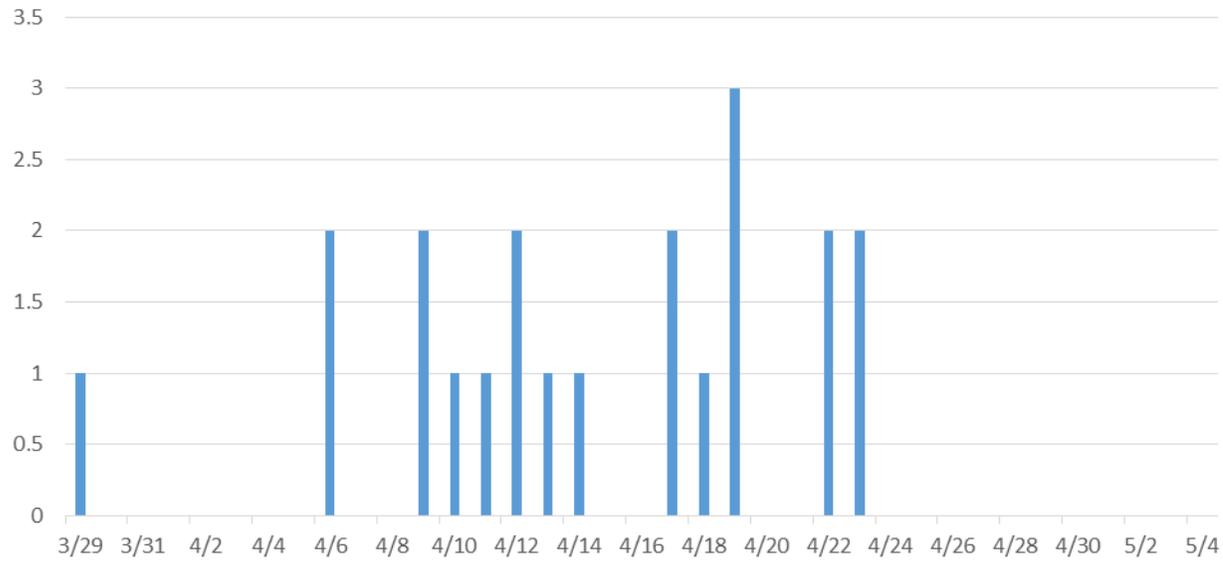
Total Number of Deaths (21)



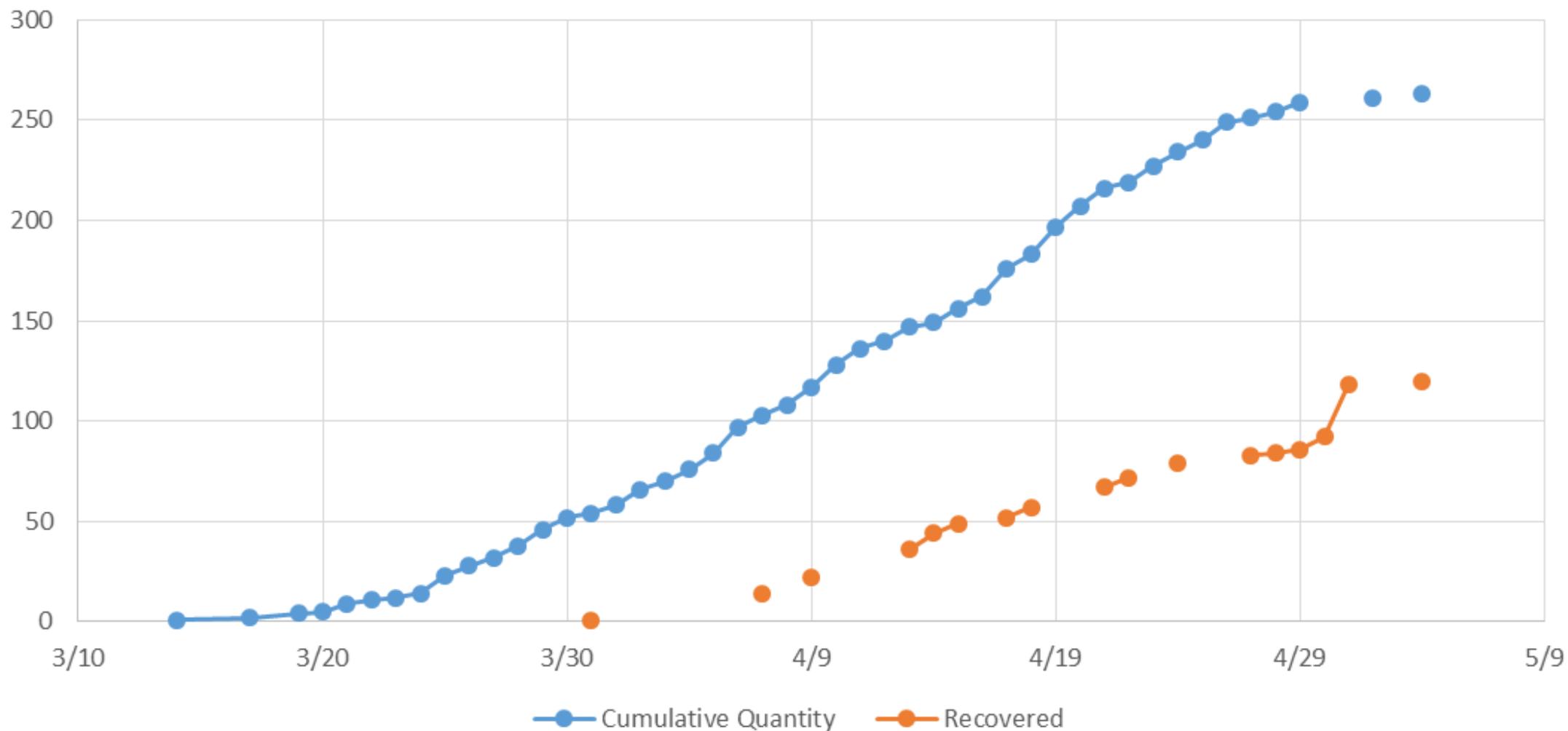
Number of Daily New Cases



Total Number of Deaths (21)



Total Number of Cases (263) and Recovered Cases (120)





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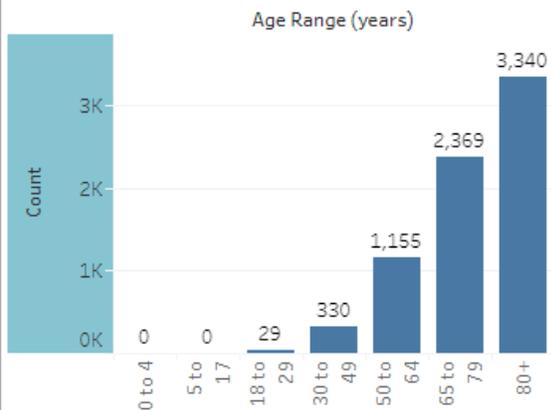
Demographics

COVID-19 Deaths by Race/Ethnicity

	N§= 6514	Percent of COVID Deaths
White (non-Hispan..	3,420	52.5
Black (non-Hispanic)	1,282	19.7
Hispanic (which inclu..	1,125	17.3
Asian (non-Hispan..	347	5.3
Other (non-Hispan..	340	5.2

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COVID-19 Deaths by Age Group

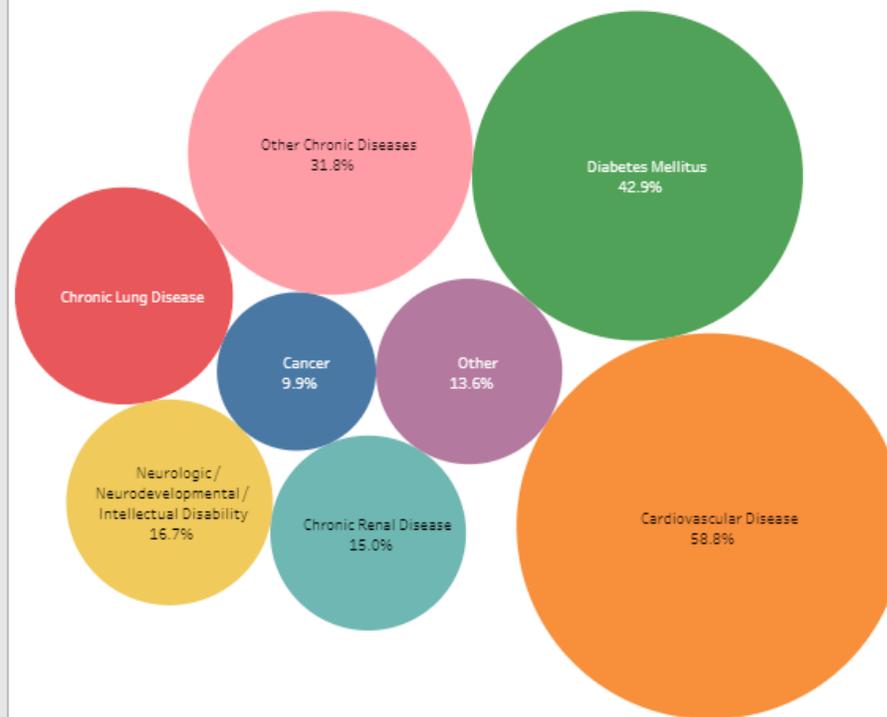


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Underlying Conditions

(Includes known conditions for 3,702 Deaths)

Other includes: mental, vision, speech, hearing and immunocompromised conditions.

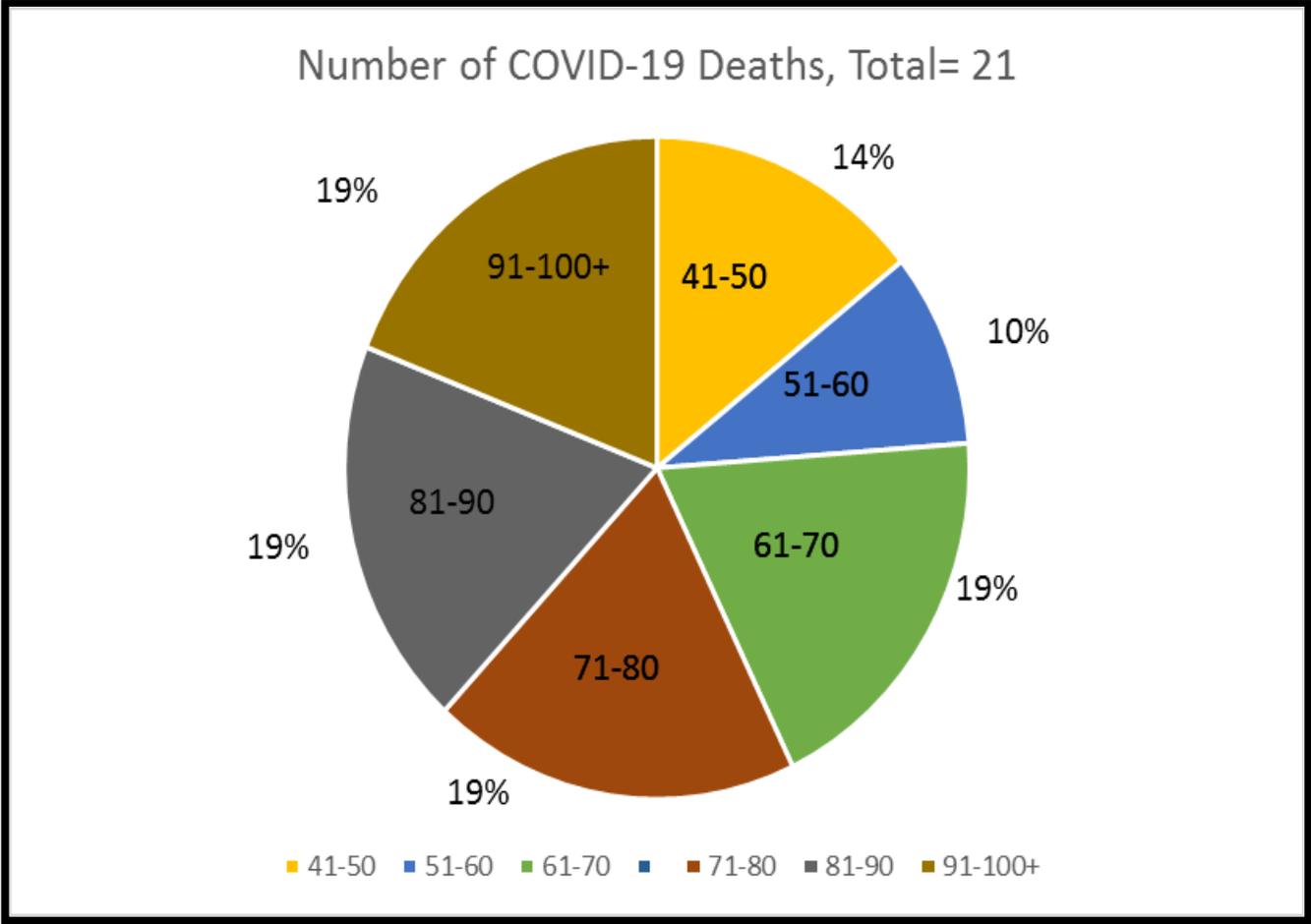
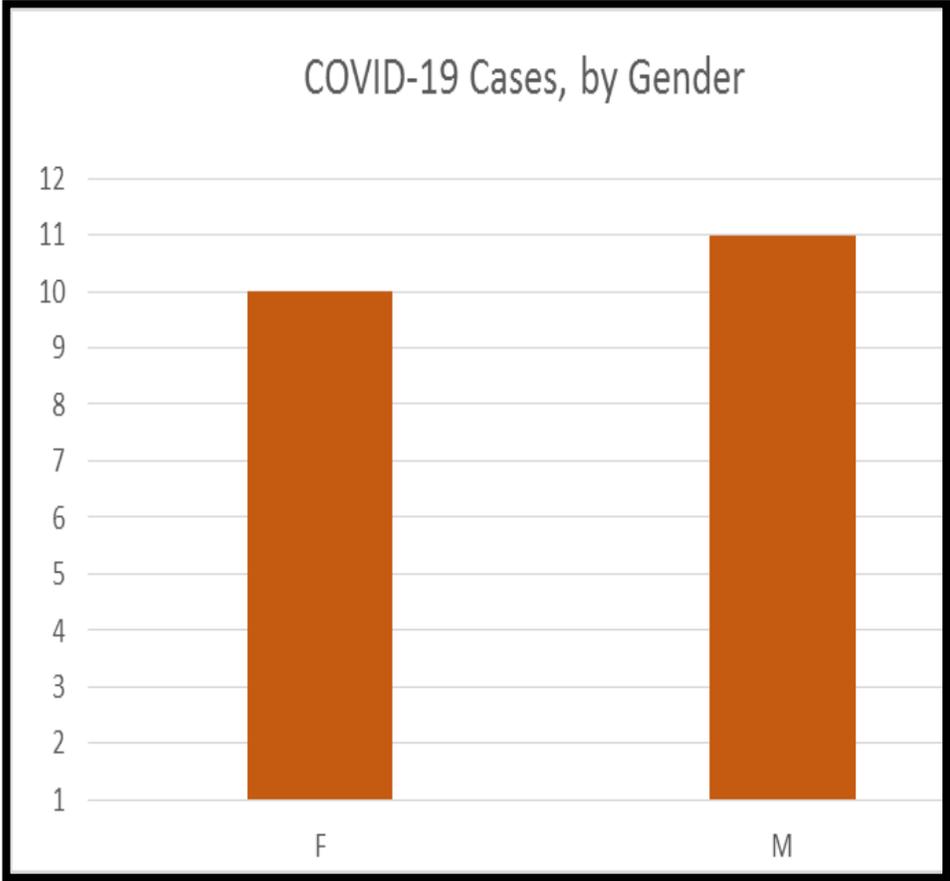


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Underlying Conditions

Map





Progression of Cases Across the State and Maplewood

- International Travelers (business and leisure)
- Domestic Travelers (business and leisure)
- Attendees of large gatherings, conferences
- Work in NYC, Use Public Transportation

Governor's Stay at Home Mandate, E.O 107: March 21, 2020



- Healthcare Providers, First Responders, Essential Workers
- Elderly in long term care facilities/ nursing homes





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NJ COVID-19 Long Term Care Facilities Dashboard

Facilities with Outbreaks

508

Detailed list of LTC facilities, case counts and reported deaths:
[Facilities List: PDF](#)
[Facilities List: Excel](#)

Cases at LTC Facilities

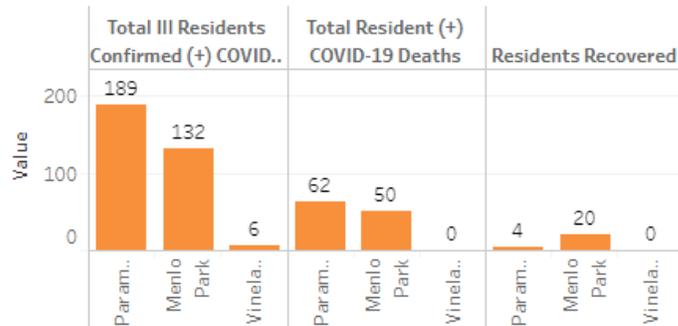
22,061

Deaths Reported by LTC Facilities

4,010

*Includes all deaths reported by Long Term Care facilities to NJDOH CDS; all deaths may not be laboratory confirmed.

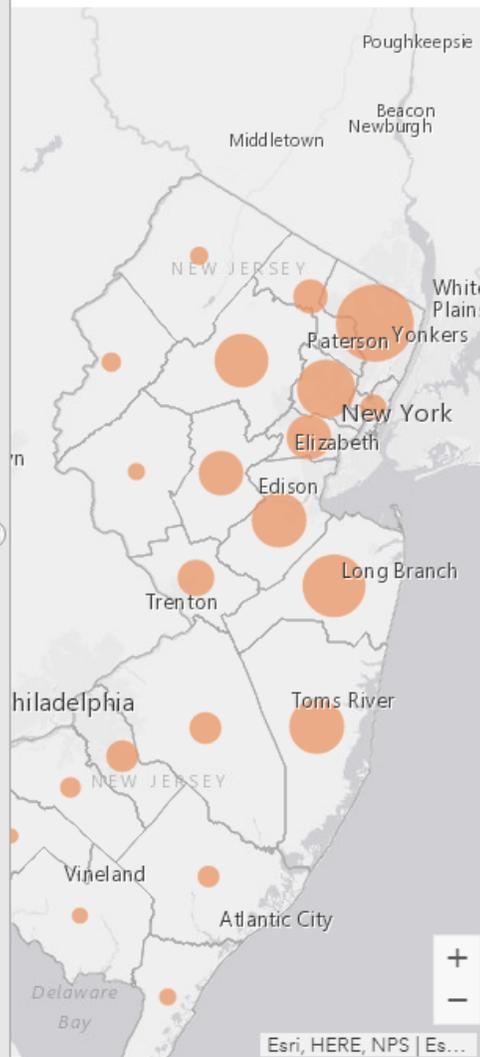
Veterans Memorial Homes Cases



Click to Expand

Source: NJ DMAVA

Number of Facilities with Cases by County



COVID Cases at LTC Facilities by County

Bergen County:
 63 Facilities with Outbreaks
 3,902 Total Cases at Long Term Care Facilities
 721 Deaths reported by Long Term Care Facilities*

Essex County:
 46 Facilities with Outbreaks
 2,027 Total Cases at Long Term Care Facilities
 462 Deaths reported by Long Term Care Facilities*

Middlesex County:
 42 Facilities with Outbreaks
 1,685 Total Cases at Long Term Care Facilities
 376 Deaths reported by Long Term Care Facilities*

Ocean County:
 44 Facilities with Outbreaks
 1,656 Total Cases at Long Term Care Facilities
 225 Deaths reported by Long Term Care Facilities*

Monmouth County:
 49 Facilities with Outbreaks
 1,554 Total Cases at Long Term Care Facilities
 247 Deaths reported by Long Term Care Facilities*

*Includes all deaths reported by Long Term Care facilities to NJDOH CDS; all deaths may not be laboratory confirmed.



Essential Workers



Public Health Creates Economic Health

Public Health  Economic Health



**ENSURING
RESILIENCY**



**RESPONSIBLE
ECONOMIC
RESTART**



**SECURING SAFE
PLACES FOR ISOLATION**



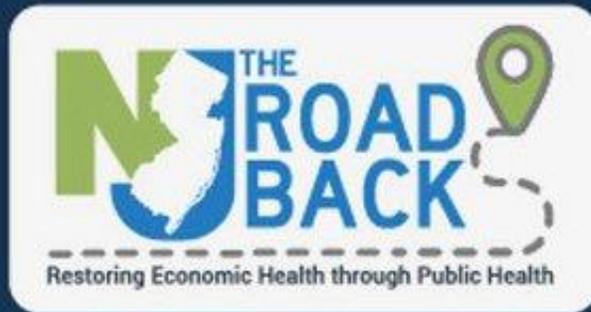
**IMPLEMENT
ROBUST CONTACT
TRACING**



**EXPANDED
TESTING**



**SUSTAINED
REDUCTION
IN NEW CASES**



What safeguards do we need to lift social distancing?

- Increased and expanded RAPID COVID-19 testing
- A robust system of skilled contact tracers
 - The public's compliance with isolation and quarantine measures
- Increased healthcare capacity and a standard form of treatment for COVID-19
- Mass vaccination

Moving Forward

- Expect that some form of social distancing will need to continue
- Prepare an alternate plan for cancelling gatherings and events
- Anticipate a surge of cases with each loosening of restrictions
- Messaging: “This is **not** business as usual”
 - Continue social distancing
 - Avoid gatherings with more than five people or places where people will congregate
 - Gradual openings of various sectors and businesses
 - **Expect that this is a fluid situation. Stop and start.
 - Wash your hands after coming in from any public space
 - Wear a face mask in public areas
 - Avoid visiting elderly or those with underlying health conditions

Resources

- essexcovid.org (973) 324-9950 for free drive thru testing
- Governor Murphy's Daily Press Conferences
- <http://Covid19.nj.gov>
- New Jersey Department of Health "Daily Case Summary"
<https://www.nj.gov/health/cd/topics/ncov.shtml>
- www.twp.maplewood.nj.us/covid19