New Jersey Department of Health
COVID-19 Confirmed Case Summary

This document is produced by the Communicable Disease Service and includes information known as of:

10:00 PM – April 29, 2020

Data are preliminary and subject to change

Data represent information available within the Communicable Disease Reporting and Surveillance System (CDRSS) from 2/5/2020 to 4/29/2020 at 10:00 PM and reflect a cumulative summary of laboratory confirmed COVID cases and deaths reported to NJDOH.

Number of Confirmed Cases	118652	
Illness onset range (min and max)[1]	2/15/2020	4/29/2020
Deaths (Laboratory Confirmed) [2]	*N§= 118652*	Percent
	7228	6.1%
Cumulative Hospitalization [3]	*N§= 37818*	Percent
	10716	28.3%
Age Range (years)	*N§= 118382*	Percent
0 to 4	450	< 1%
5 to 17	1761	1.5%
18 to 29	14203	12.0%
30 to 49	38432	32.5%
50 to 64	35390	29.9%
65 to 79	17312	14.6%
80+	10834	9.2%
Age range in years (min and max)	< 1	108
Mean Age	51.85	
Median Age	51.75	
Gender	N§= 118652	Percent
Female	57986	48.9%
Male	60206	50.7%
Unknown	460	0.4%
Race/Ethnicity[4]	N§= 50611	Percent
White (non-Hispanic)	18014	35.6%
Hispanic (which includes Hispanic ethnicity for all race definitions)	14661	29.0%
Black (non-Hispanic)	9452	18.7%
Asian (non-Hispanic)	2485	4.9%
Other (non-Hispanic)	5999	11.9%

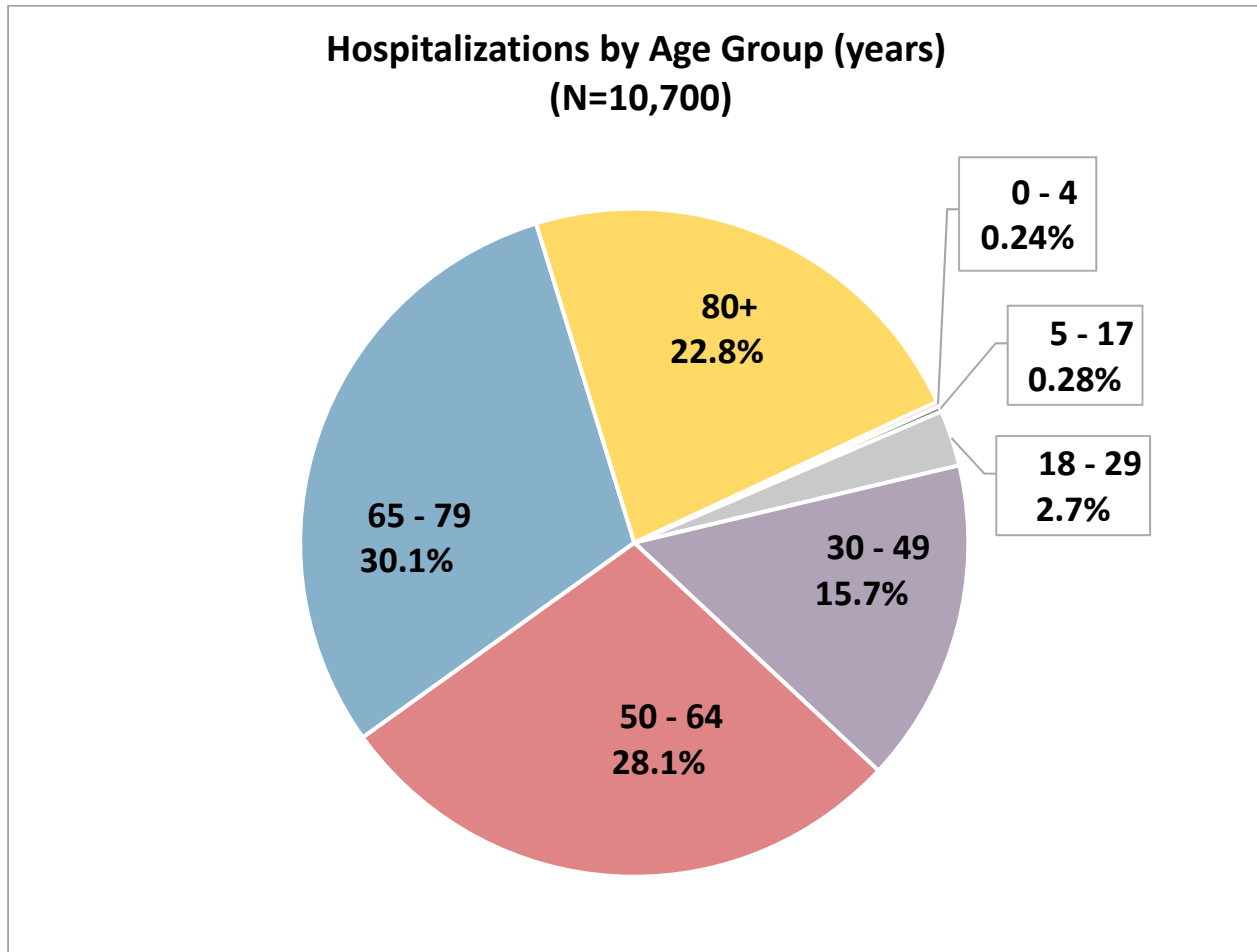§ N is equal to cases with *available* information

[1] If illness onset date was unknown then the earliest of the following dates are used from CDRSS: date of specimen collection, or case created date.

[2] All deaths are lab-confirmed.

[3] Cumulative number of laboratory-confirmed COVID-19 cases with known hospitalization status. **This number does not reflect individuals currently hospitalized.**
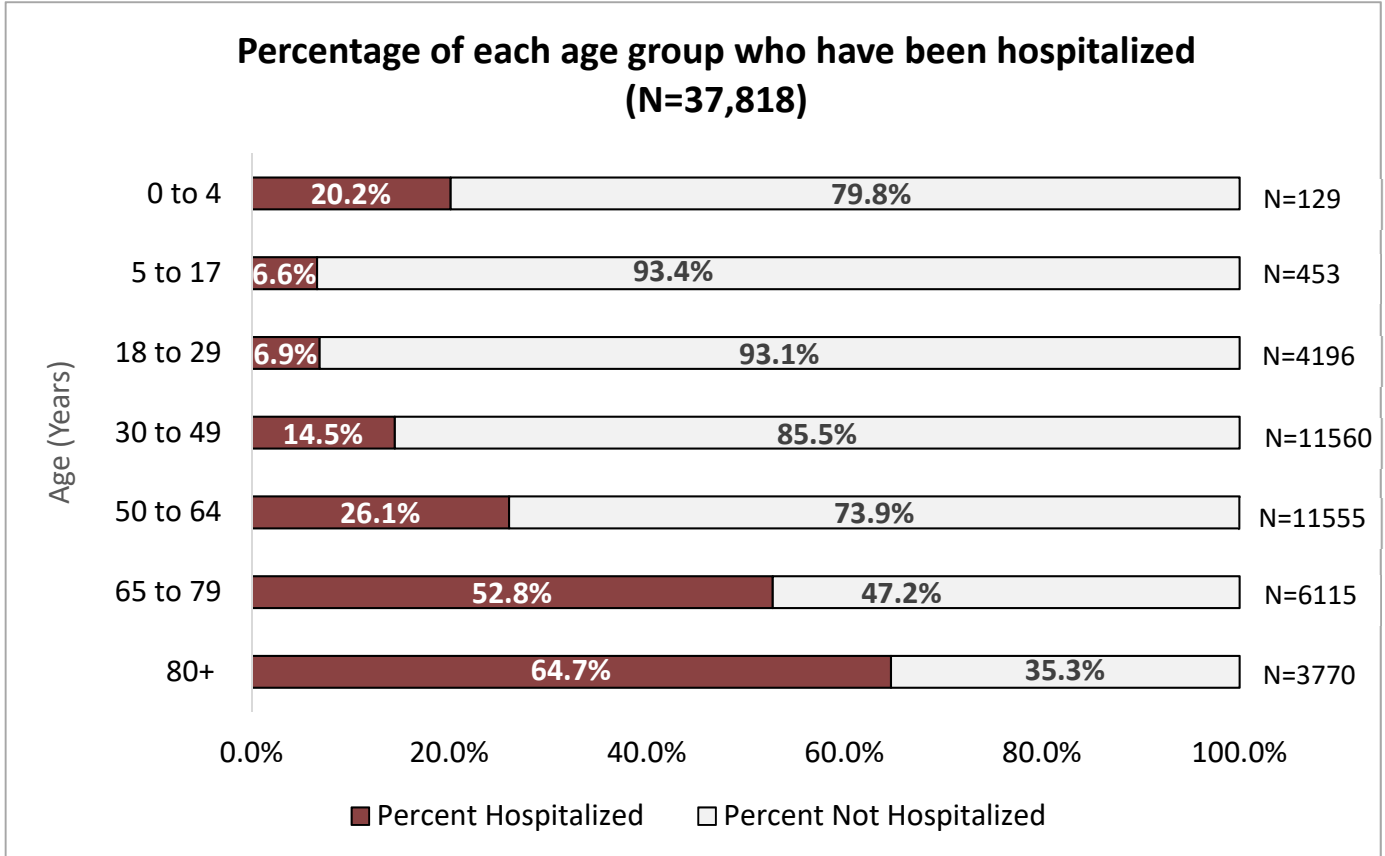
[4] Race/Ethnicity: the White, Black/African American, Asian, and Other groups include those with No or Unknown responses to the Hispanic/Latino question. Other includes Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, Other and people who identify with more than one race.

Hospitalizations by Age Group (years)
(N=10,700)

Age Group	Percentage
80+	22.8%
65 - 79	30.1%
50 - 64	28.1%
30 - 49	15.7%
18 - 29	2.7%
5 - 17	0.28%
0 - 4	0.24%

This chart shows the percentage of all cases who we know were hospitalized broken down by age group. For example, those in age groups less than 30 years old make up only a small percentage of all who have been hospitalized.

Percentage of each age group who have been hospitalized (N=37,818)

| Age (Years)	Percent Hospitalized	Percent Not Hospitalized	
0 to 4	20.2%	79.8%	N=129
5 to 17	6.6%	93.4%	N=453
18 to 29	6.9%	93.1%	N=4196
30 to 49	14.5%	85.5%	N=11560
50 to 64	26.1%	73.9%	N=11555
65 to 79	52.8%	47.2%	N=6115
80+	64.7%	35.3%	N=3770

■ Percent Hospitalized   □ Percent Not Hospitalized

This chart shows the percentage of cases within each age group (for whom we have data) who have been hospitalized. For example, it shows that older adults are much more likely to be hospitalized compared to younger age groups.

Cases by County

COUNTY	TOTAL CASES
ATLANTIC	964
BERGEN	15610
BURLINGTON	2690
CAMDEN	3519
CAPE MAY	323
CUMBERLAND	723
ESSEX	13682
GLOUCESTER	1251
HUDSON	14916
HUNTERDON	603
MERCER	3937
MIDDLESEX	11715
MONMOUTH	6033
MORRIS	5287
OCEAN	6375
PASSAIC	12449
SALEM	231
SOMERSET	3464
SUSSEX	921
UNION	12578
WARREN	903
UNKNOWN	478
TOTAL	**118652**
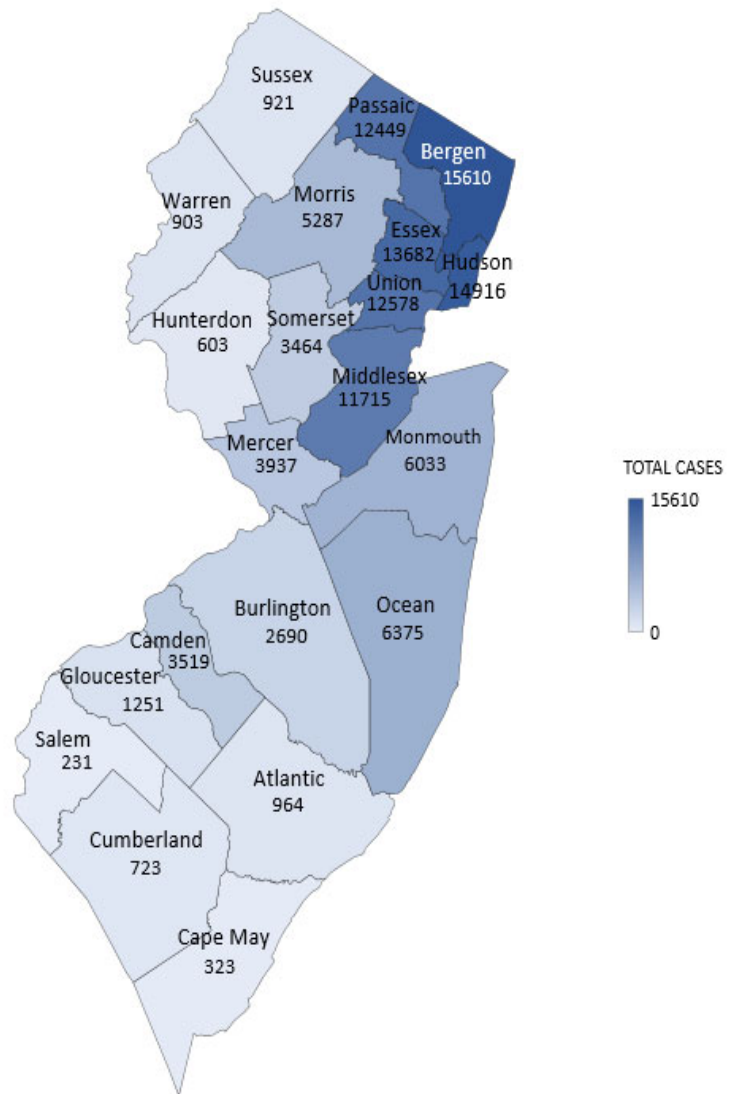
* County information reflects most updated information in CDRSS.

COVID-19 cases and deaths in New Jersey by Illness Onset Date, N=118,652
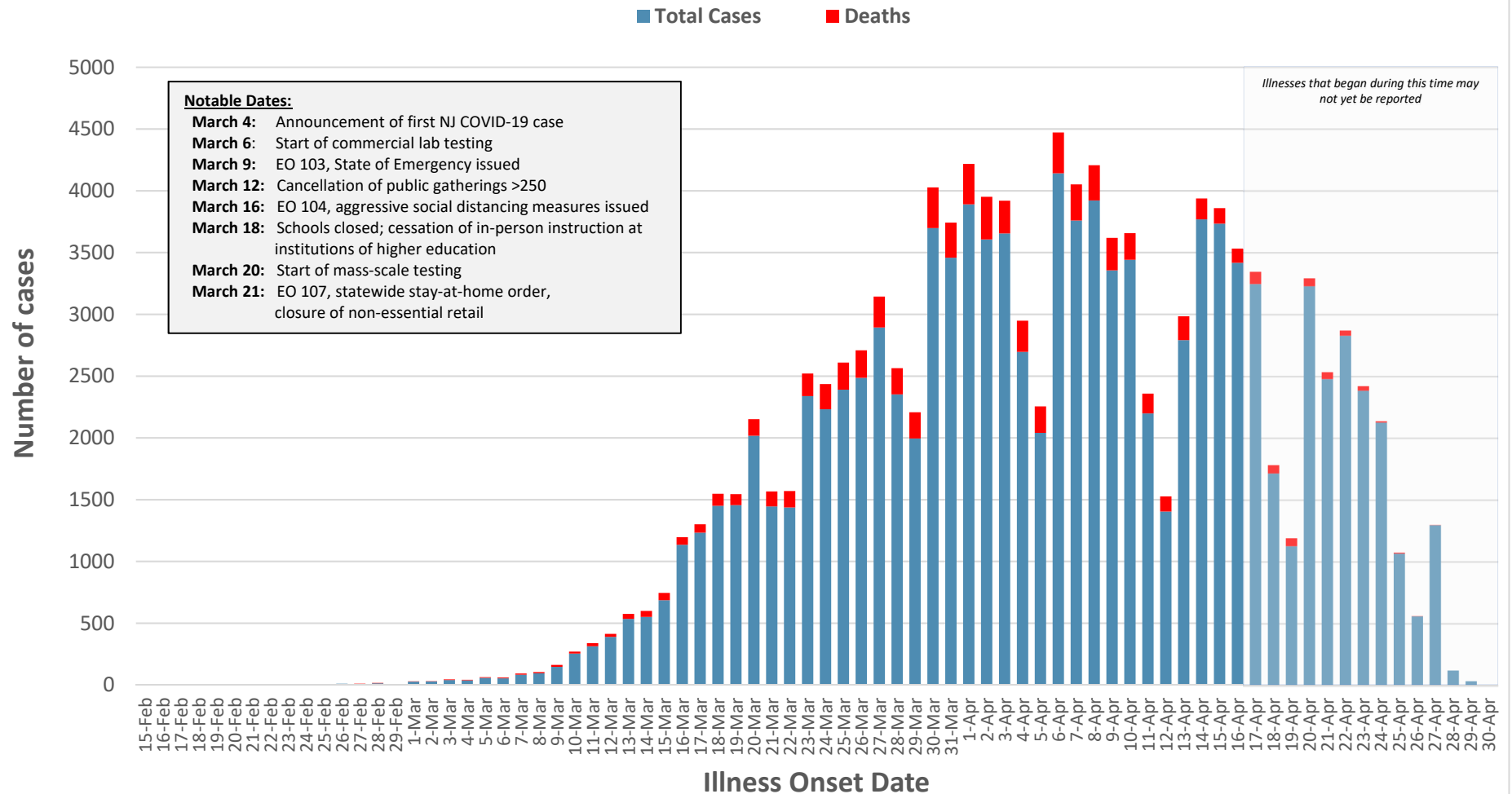
■ **Total Cases**   ■ **Deaths**

Notable Dates:
March 4: Announcement of first NJ COVID-19 case
March 6: Start of commercial lab testing
March 9: EO 103, State of Emergency issued
March 12: Cancellation of public gatherings >250
March 16: EO 104, aggressive social distancing measures issued
March 18: Schools closed; cessation of in-person instruction at
institutions of higher education
March 20: Start of mass-scale testing
March 21: EO 107, statewide stay-at-home order,
closure of non-essential retail

Illnesses that began during this time may not yet be reported

Number of cases (y-axis)
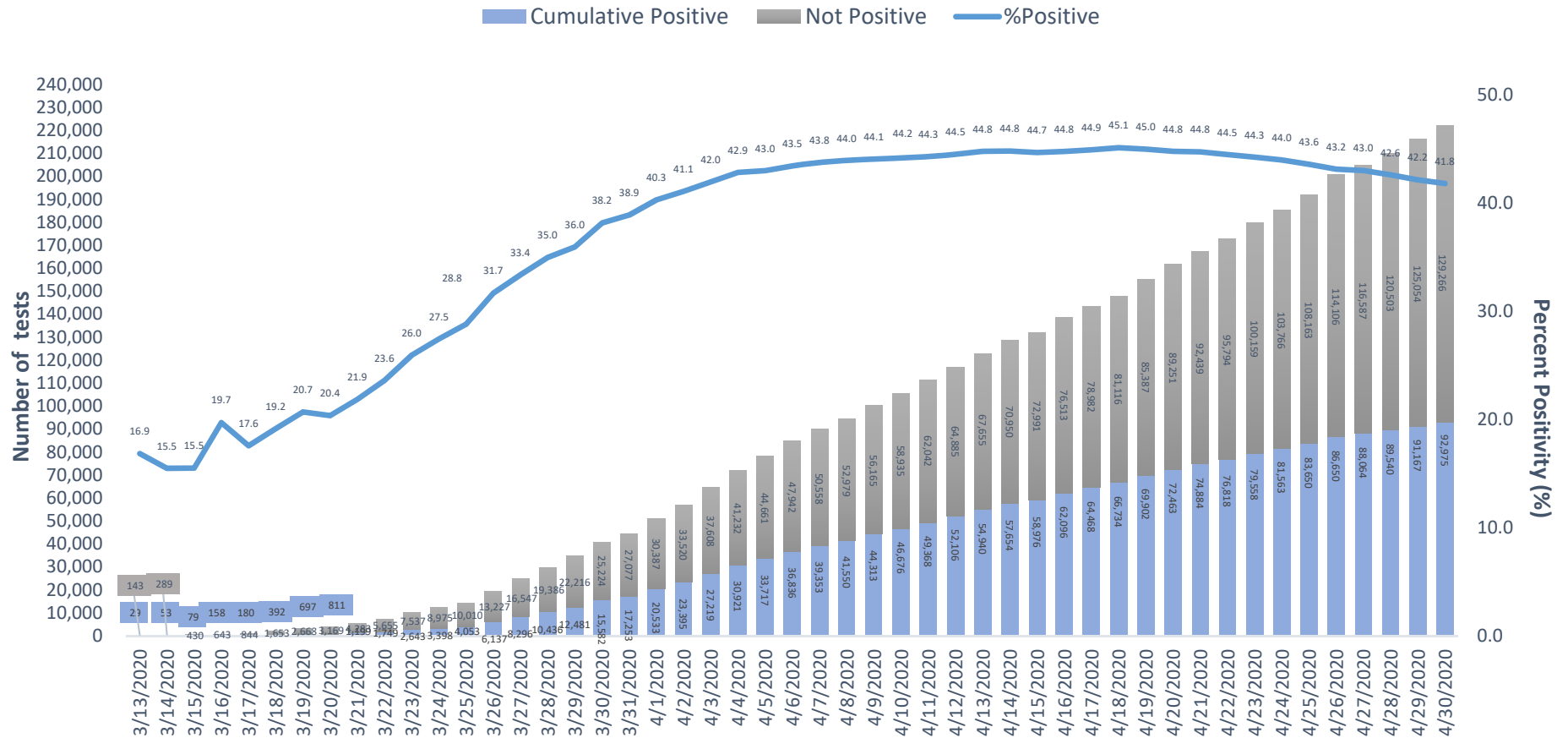
Illness Onset Date (x-axis)

* If illness onset date was unknown then the earliest of the following dates are used from CDRSS: date of specimen collection, or case created date.

## New and cumulative total number of COVID-19 cases in New Jersey

■ *New Cases*
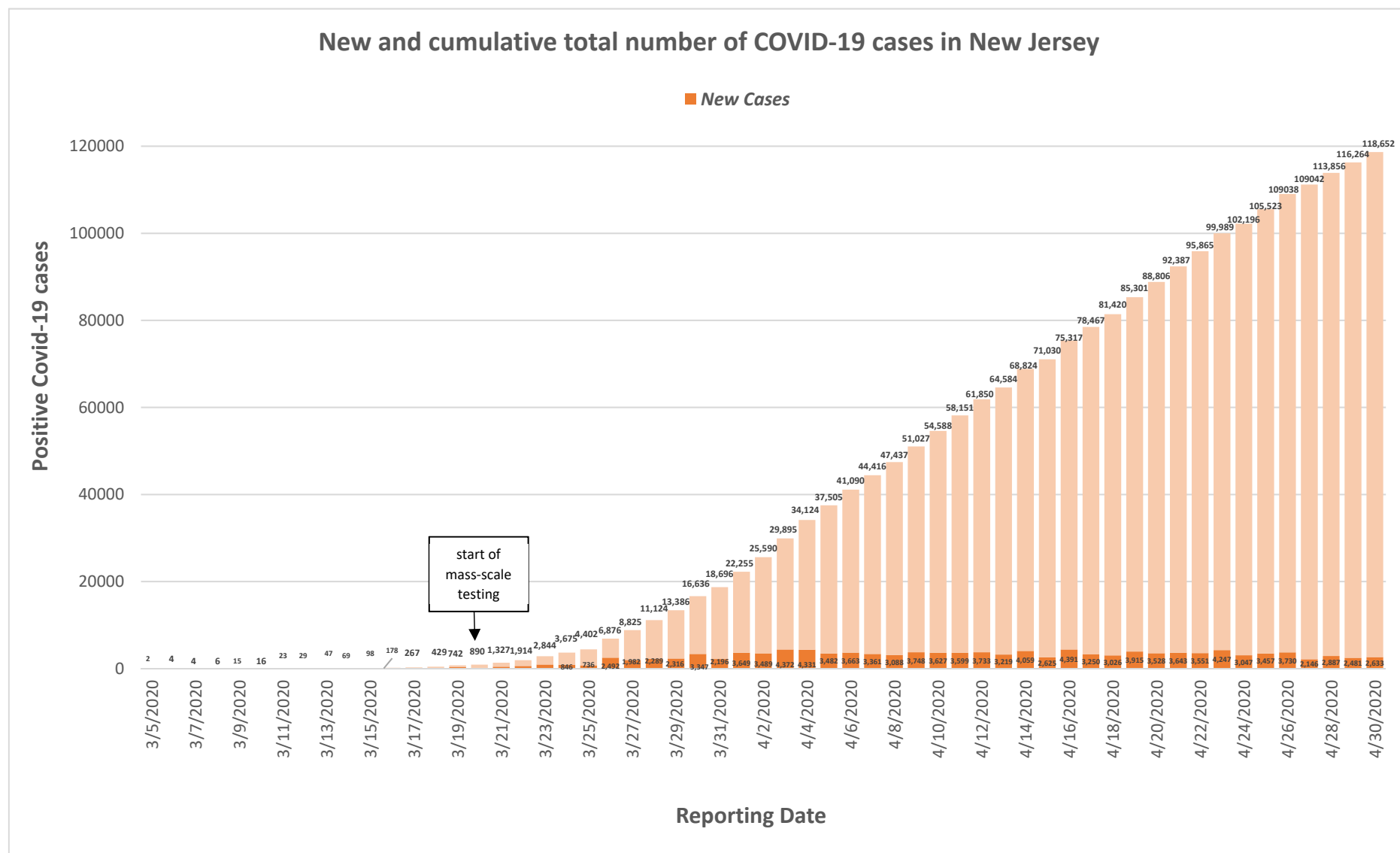
COVID-19 Percent positivity reported by major laboratories*, New Jersey

* Major laboratories test results are received via electronic laboratory reporting. These laboratories include Bioreference Laboratory, Genesis Laboratory Management, Hackensack University Medical Center, LabCorp, Medical Diagnostics Laboratories, NJPHEL, NY State, Quest Diagnostics.
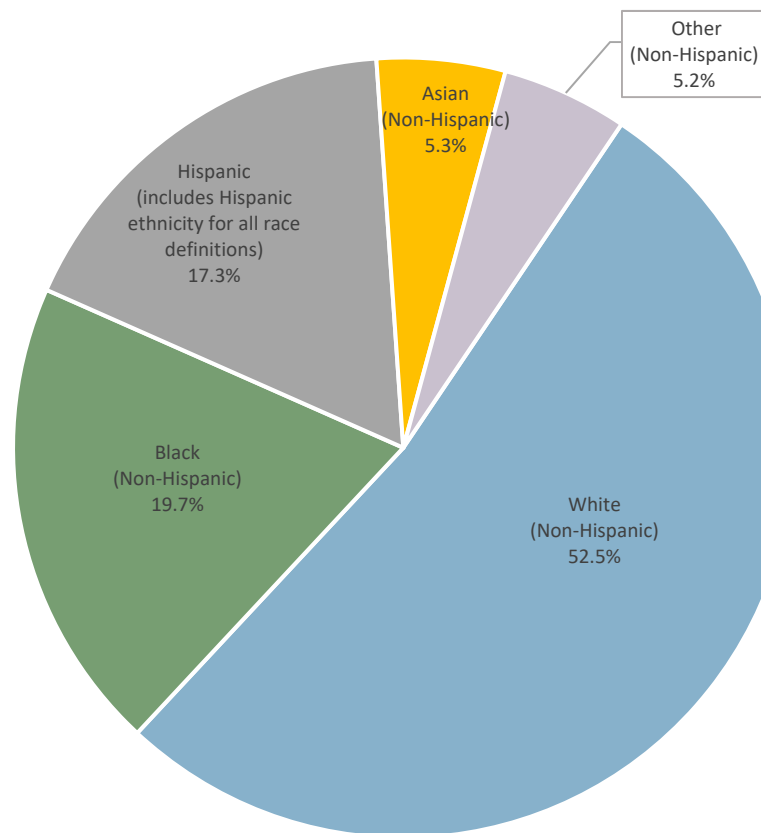
Lab-confirmed COVID-associated deaths by age group (N=7,223)

- 0-4: 0%
- 5-17: 0%
- 18-29: 0.4%
- 30-49: 4.6%
- 50-64: 16.0%
- 65-79: 32.8%
- 80+: 46.2%
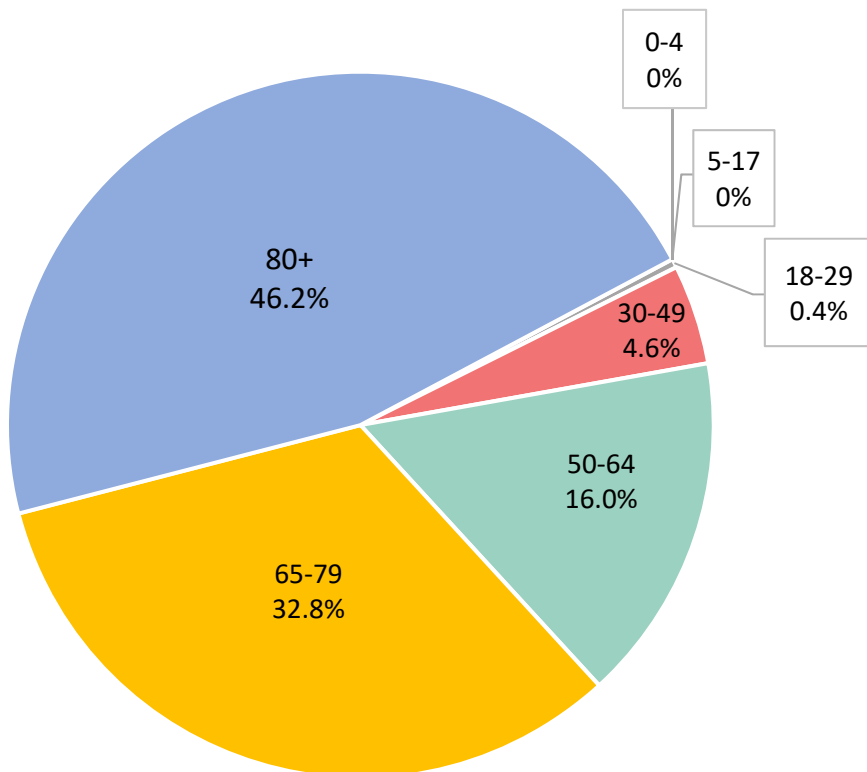
* Age is unknown for 5 (< 1%) of the lab-confirmed COVID associated deaths.

Lab-confirmed COVID-associated deaths by Race/Ethnicity (N=6,514*)

- Other (Non-Hispanic): 5.2%
- Asian (Non-Hispanic): 5.3%
- Hispanic (includes Hispanic ethnicity for all race definitions): 17.3%
- Black (Non-Hispanic): 19.7%
- White (Non-Hispanic): 52.5%

* Race/Ethnicity is unknown for 714 (9.9%) of the lab-confirmed COVID associated deaths. White, Black/African American, Asian, and Other groups include those with No or Unknown responses to the Hispanic/Latino question. Other includes Native Hawaiian or Other Pacific Islander , Other and people who identify with more than one race.