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:

8:00 AM – April 20, 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 4/20/2020 at 8:00 AM and reflect a cumulative summary of laboratory confirmed COVID cases and deaths reported to NJDOH.

Number of Confirmed Cases	88806	
Illness onset range (min and max)[1]	2/17/2020	4/19/2020
Deaths (Laboratory Confirmed) [2]	$N^§$= 88806	Percent
	4377	4.9%
Cumulative Hospitalization [2]	$N^§$= 24403	Percent
	6978	28.6%
Age Range (years)	$N^§$= 88634	Percent
0 to 4	328	< 1%
5 to 17	1153	1.3%
18 to 29	10495	11.8%
30 to 49	29362	33.1%
50 to 64	27251	30.7%
65 to 79	12715	14.3%
80+	7330	8.3%
Age range in years (min and max)	< 1	108
Mean Age	51.68	
Median Age	51.58	
Gender	$N^§$= 88806	Percent
Female	42624	48.0%
Male	45748	51.5%
Unknown	434	0.5%
Race/Ethnicity[4]	$N^§$= 27345	Percent
White (non-Hispanic)	9662	35.3%
Hispanic (which includes Hispanic ethnicity for all race definitions)	7971	29.1%
Black (non-Hispanic)	5899	21.6%
Asian (non-Hispanic)	1405	5.1%
Other (non-Hispanic)	2408	8.8%

[§] 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.**
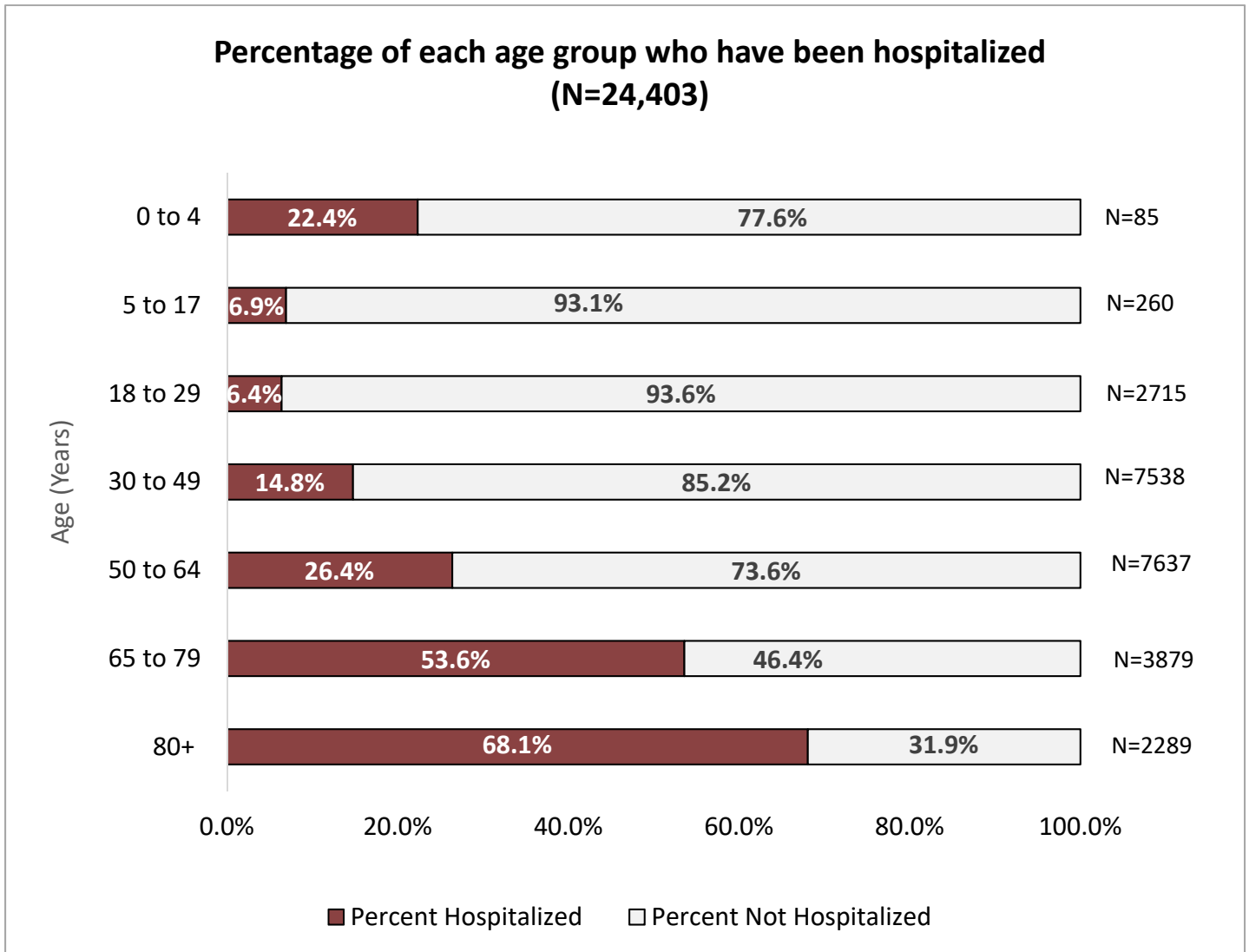
[4] Race/Ethnicity: the White, Black/African American, Asian, and Other groups include those with No or Unknown responses to the Hispanic/Latino question. Other includes Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, Other and people who identify with more than one race.

Hospitalizations by Age Group (years)
(N=6,978)
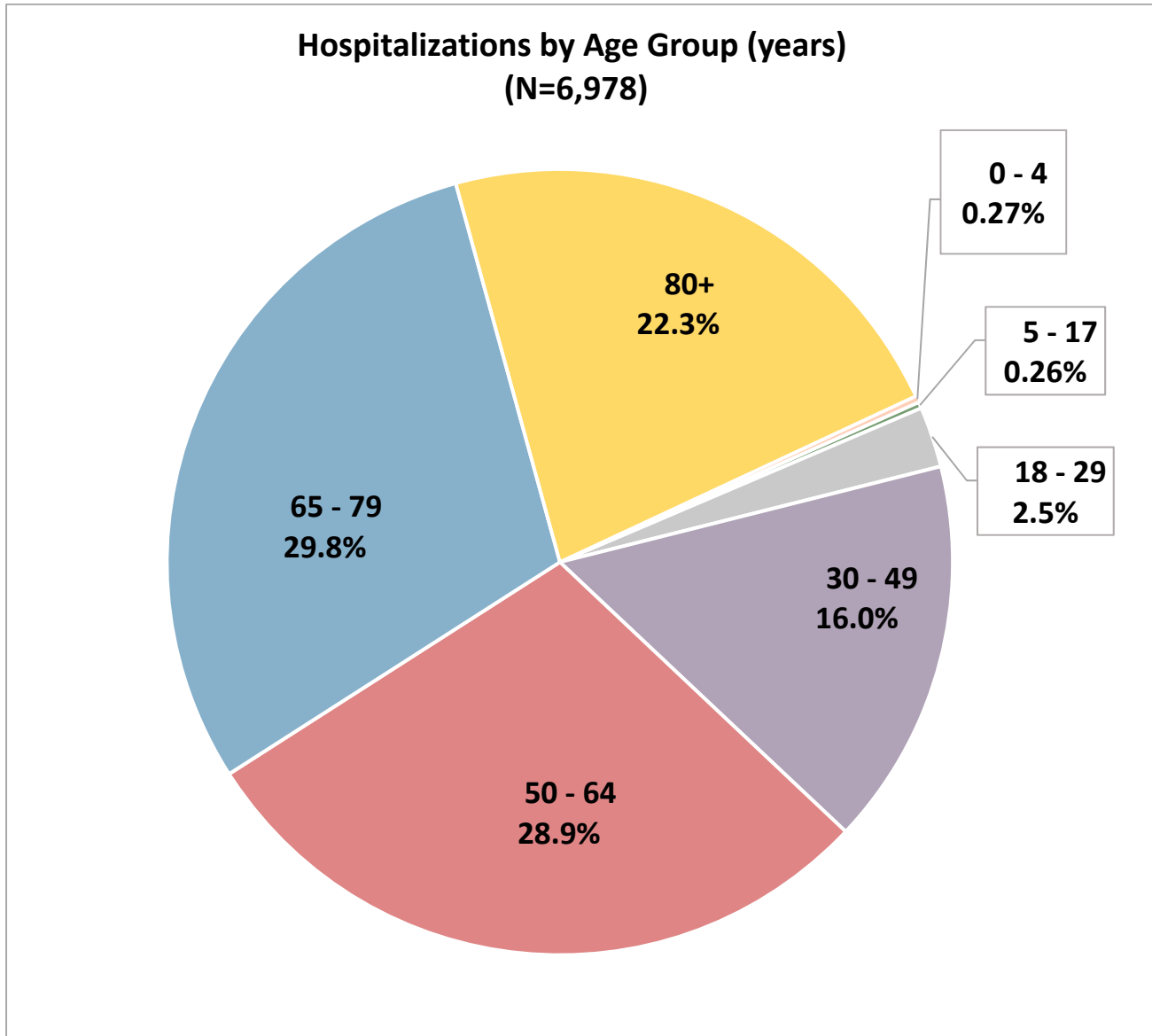
This chart shows the percentage of all cases who we know were hospitalized broken down by age group. For example, those in age groups less than 30 years old make up only a small percentage of all who have been hospitalized.

Percentage of each age group who have been hospitalized
(N=24,403)

| Age (Years)	Percent Hospitalized	Percent Not Hospitalized	N
0 to 4	22.4%	77.6%	N=85
5 to 17	6.9%	93.1%	N=260
18 to 29	6.4%	93.6%	N=2715
30 to 49	14.8%	85.2%	N=7538
50 to 64	26.4%	73.6%	N=7637
65 to 79	53.6%	46.4%	N=3879
80+	68.1%	31.9%	N=2289

■ 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	410
BERGEN	13011
BURLINGTON	1663
CAMDEN	2255
CAPE MAY	212
CUMBERLAND	338
ESSEX	10729
GLOUCESTER	770
HUDSON	11150
HUNTERDON	419
MERCER	2591
MIDDLESEX	8346
MONMOUTH	4787
MORRIS	4236
OCEAN	4868
PASSAIC	8479
SALEM	120
SOMERSET	2488
SUSSEX	680
UNION	9972
WARREN	613
UNKNOWN	669
TOTAL	88806
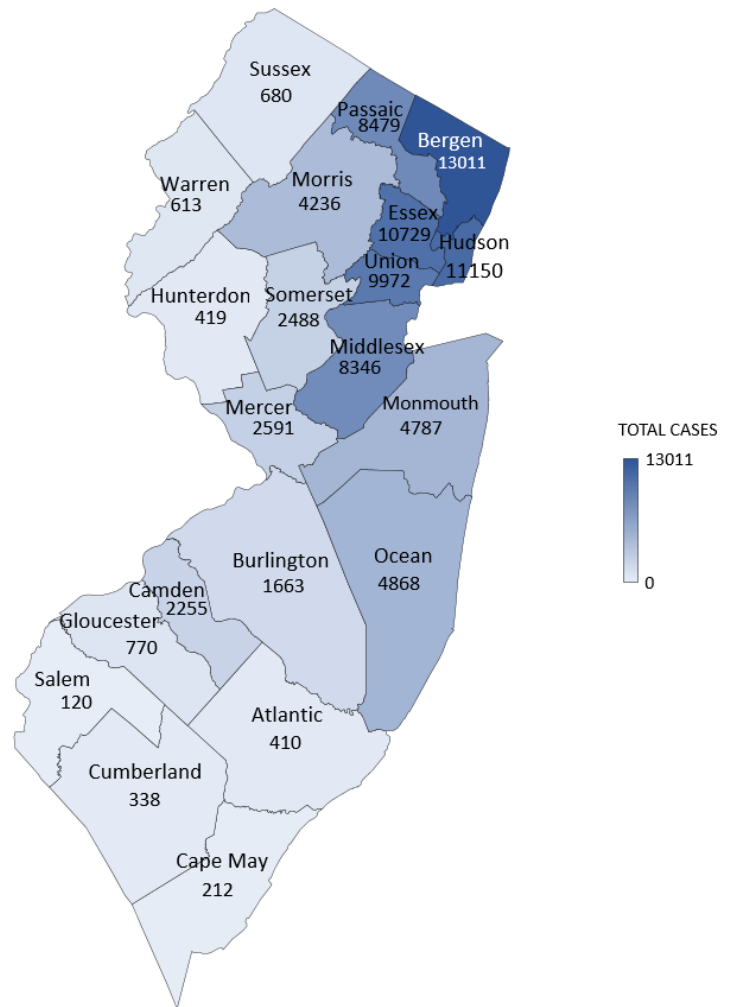
* County information reflects most updated information in CDRSS.

COVID-19 cases and deaths in New Jersey by Illness Onset Date, N=88,806
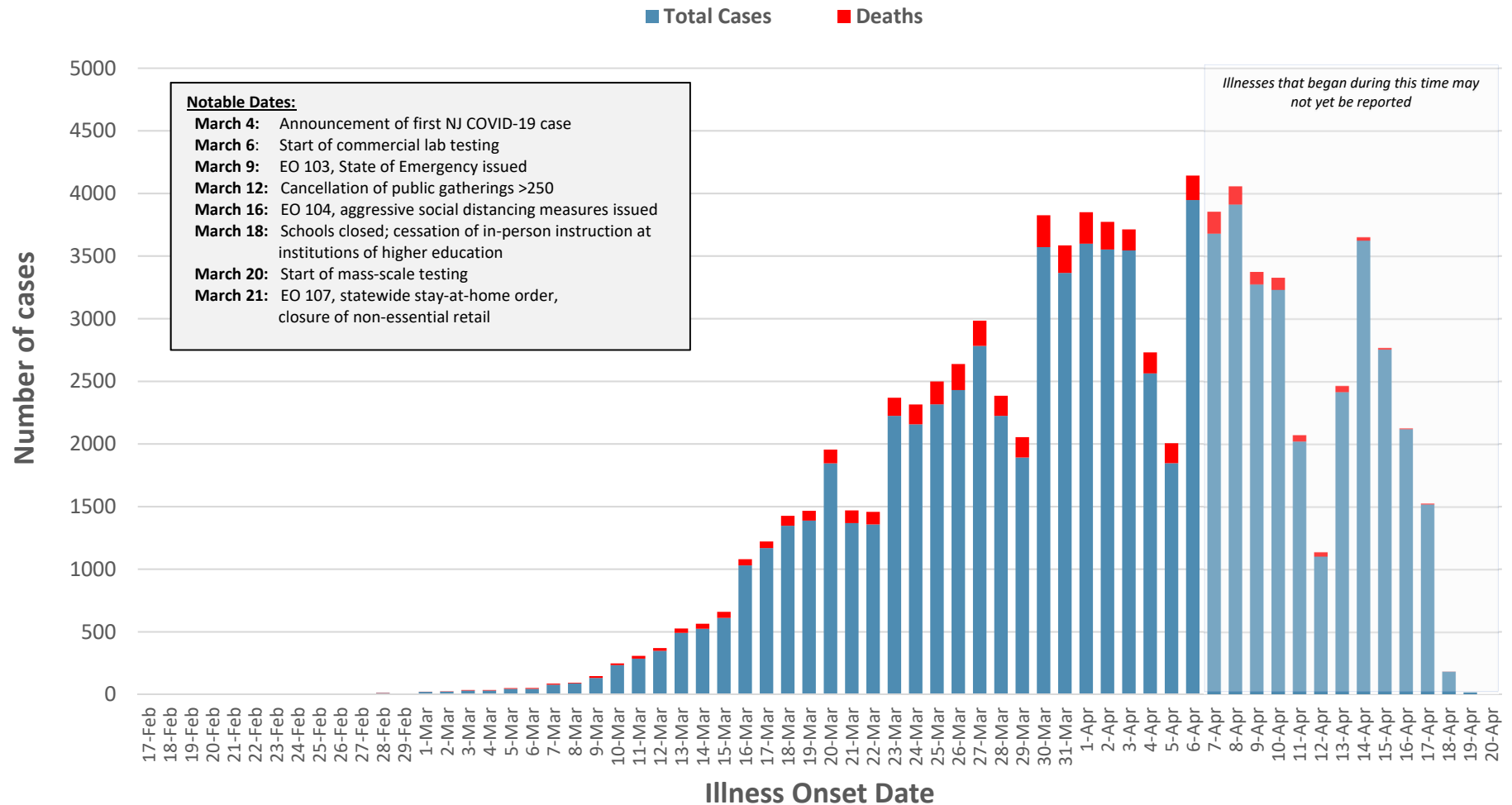
■ Total Cases   ■ Deaths

Illnesses that began during this time may not yet be reported

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

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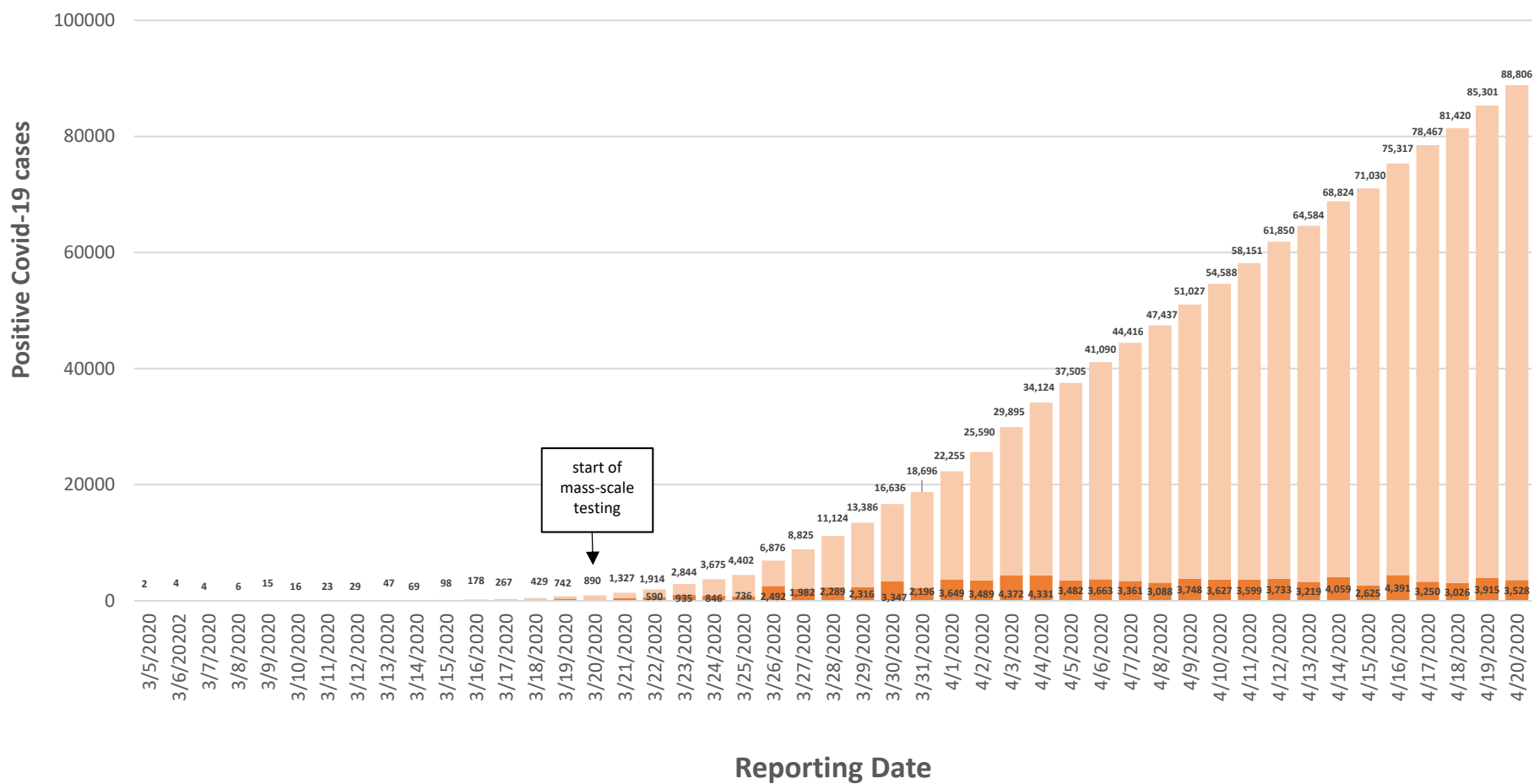
Illness Onset Date (x-axis)

* 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

Legend: Cumulative Positive | Not Positive | %Positive
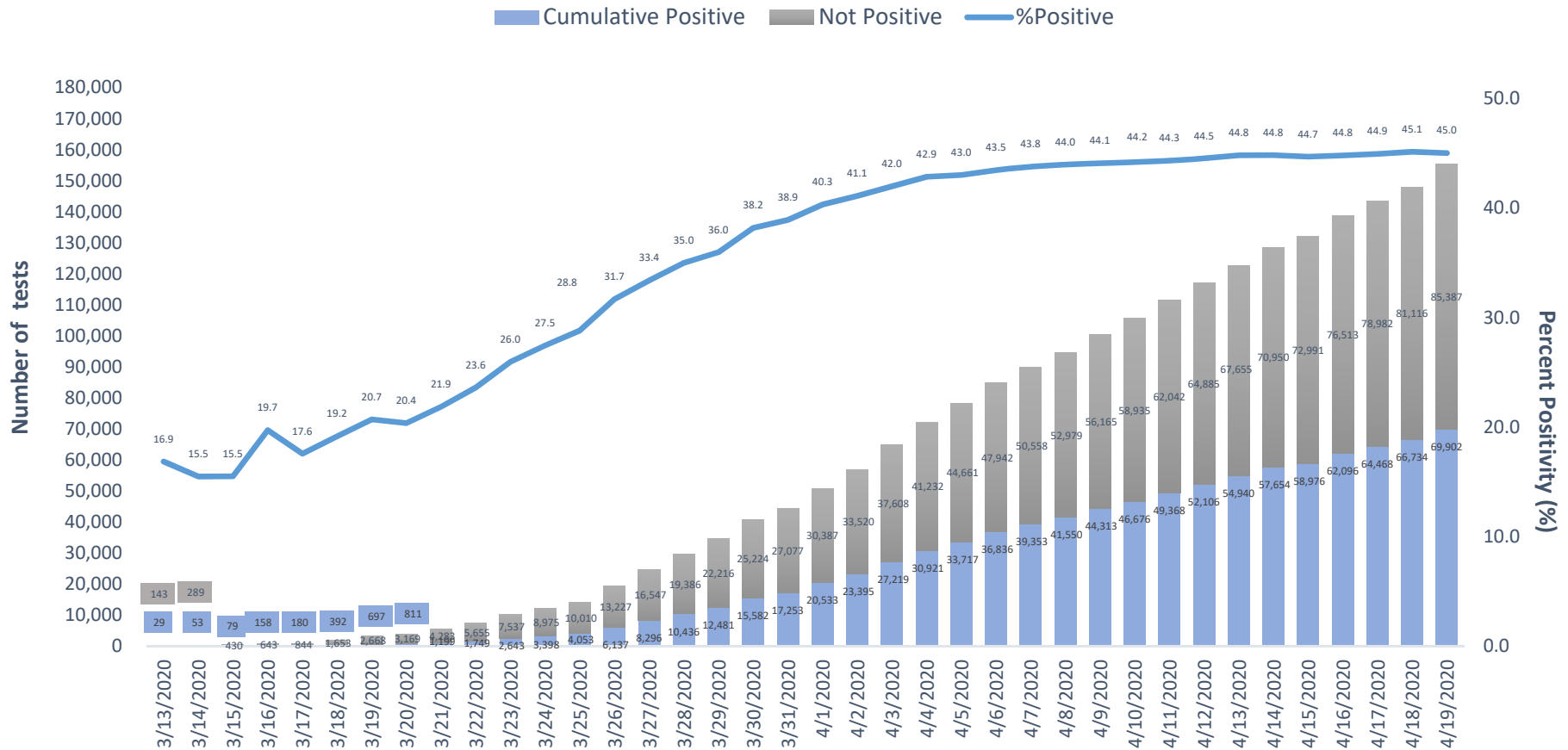
* Major laboratories test results are received via electronic laboratory reporting. These laboratories include Bioreference Laboratory, Genesis Laboratory Management, Hackensack University Medical Center, LabCorp, Medical Diagnostics Laboratories, NJPHEL, NY State, Quest Diagnostics .
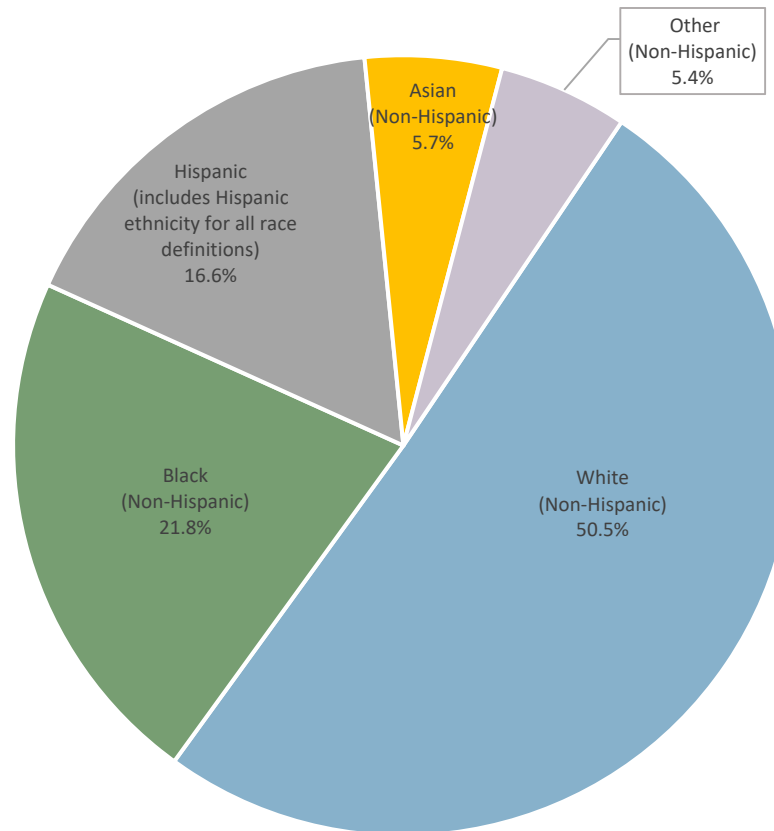
Lab-confirmed COVID-associated deaths by age group (N=4,376)

0-4
0%

5-17
0%

18-29
0.5%

80+
46.5%

30-49
4.5%

50-64
16.1%

65-79
32.3%
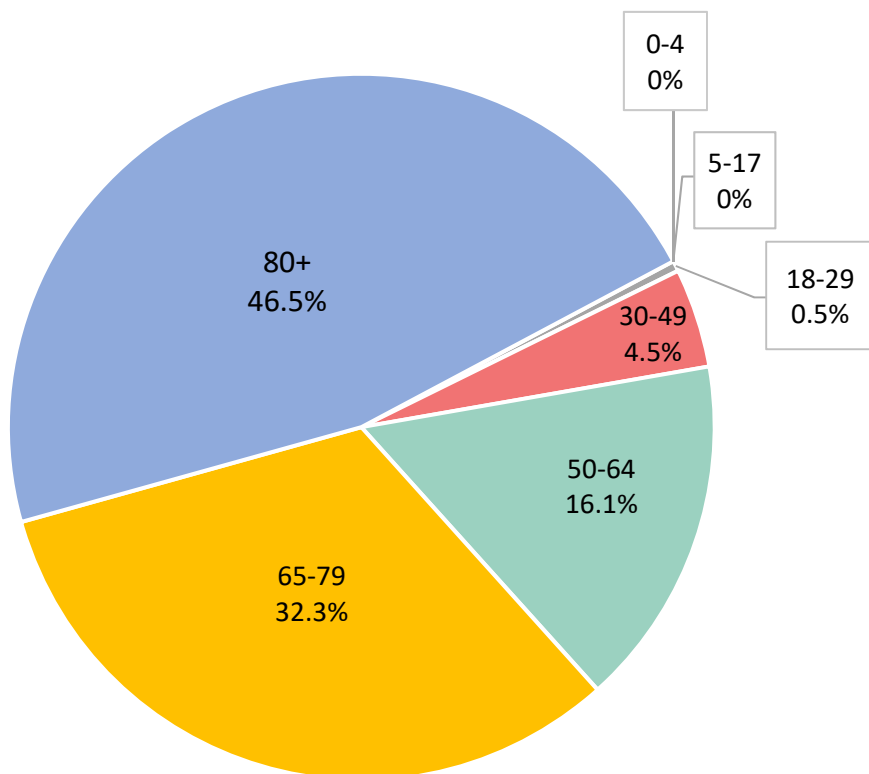
* Age is unknown for 1 (< 1%) of the lab-confirmed COVID associated deaths.

Lab-confirmed COVID-associated deaths by Race/Ethnicity (N=3,298*)

Other
(Non-Hispanic)
5.4%

Asian
(Non-Hispanic)
5.7%

Hispanic
(includes Hispanic
ethnicity for all race
definitions)
16.6%

Black
(Non-Hispanic)
21.8%

White
(Non-Hispanic)
50.5%

* Race/Ethnicity is unknown for 1079 (24.7%) 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.