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 – May 18, 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 5/18/2020 at 10:00 PM and reflect a cumulative summary of laboratory confirmed COVID cases and deaths reported to NJDOH.

Number of Confirmed Cases	149013	
Illness onset range (min and max)[1]	2/15/2020	5/18/2020
Deaths (Laboratory Confirmed) [2]	*N§= 149013*	**Percent**
	10586	7.1%
Cumulative Hospitalization [3]	*N§= 58056*	**Percent**
	15416	26.6%
Age Range (years)	*N§= 148725*	**Percent**
0 to 4	653	< 1%
5 to 17	2687	1.8%
18 to 29	18435	12.4%
30 to 49	47669	32.1%
50 to 64	43036	28.9%
65 to 79	21670	14.6%
80+	14575	9.8%
Age range in years (min and max)	< 1	108
Mean Age	51.91	
Median Age	51.67	
Gender	**N§= 149013**	**Percent**
Female	74322	49.9%
Male	74019	49.7%
Unknown	672	0.5%
Race/Ethnicity[4]	**N§= 78667**	**Percent**
White (non-Hispanic)	28389	36.1%
Hispanic (which includes Hispanic ethnicity for all race definitions)	23703	30.1%
Black (non-Hispanic)	13871	17.6%
Asian (non-Hispanic)	3925	5.0%
Other (non-Hispanic)	8779	11.2%

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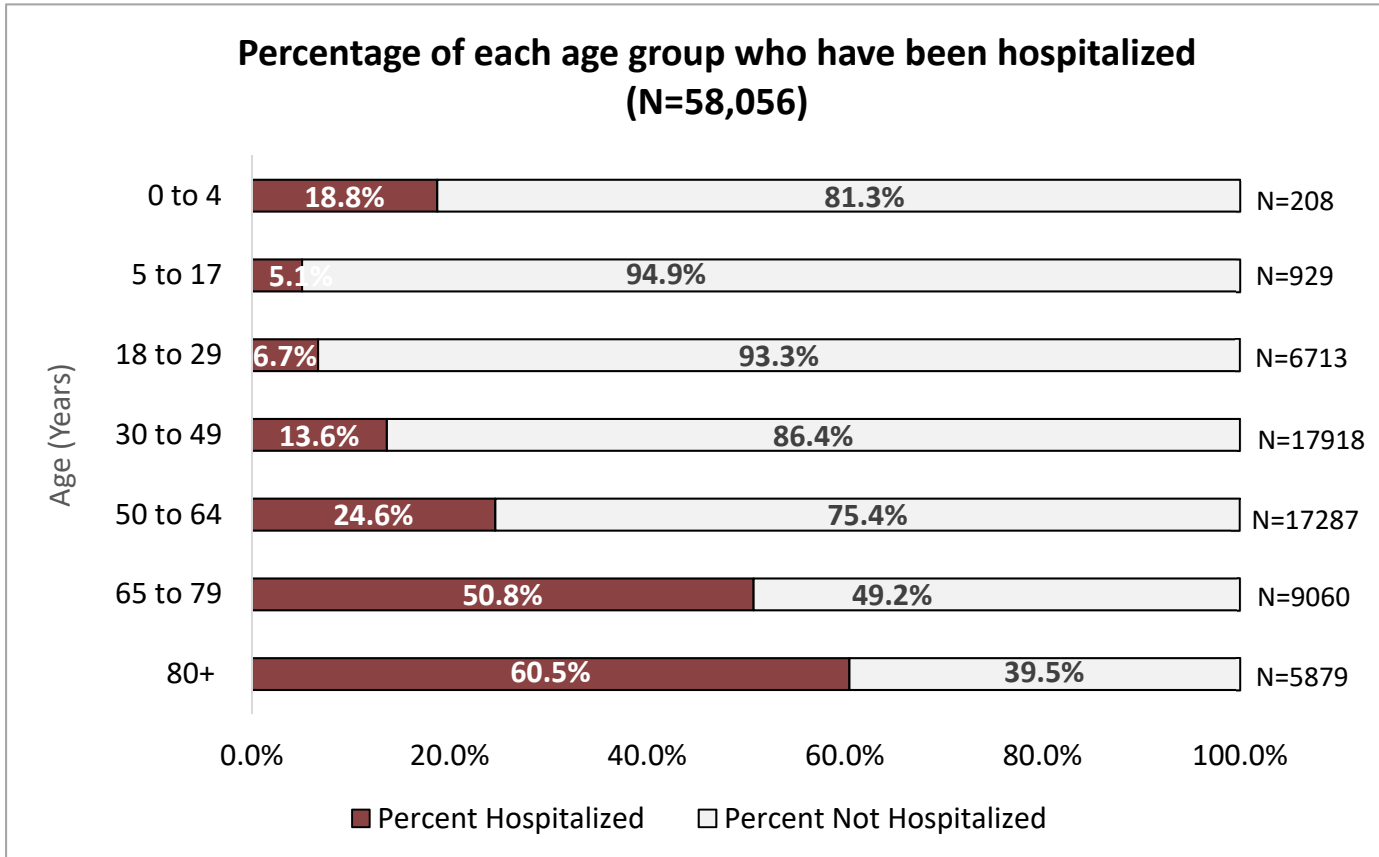
[4] Race/Ethnicity: the White, Black/African American, Asian, and Other groups include those with No or Unknown responses to the Hispanic/Latino question. Other includes Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, Other and people who identify with more than one race.

Hospitalizations by Age Group (years)
(N=15,390)
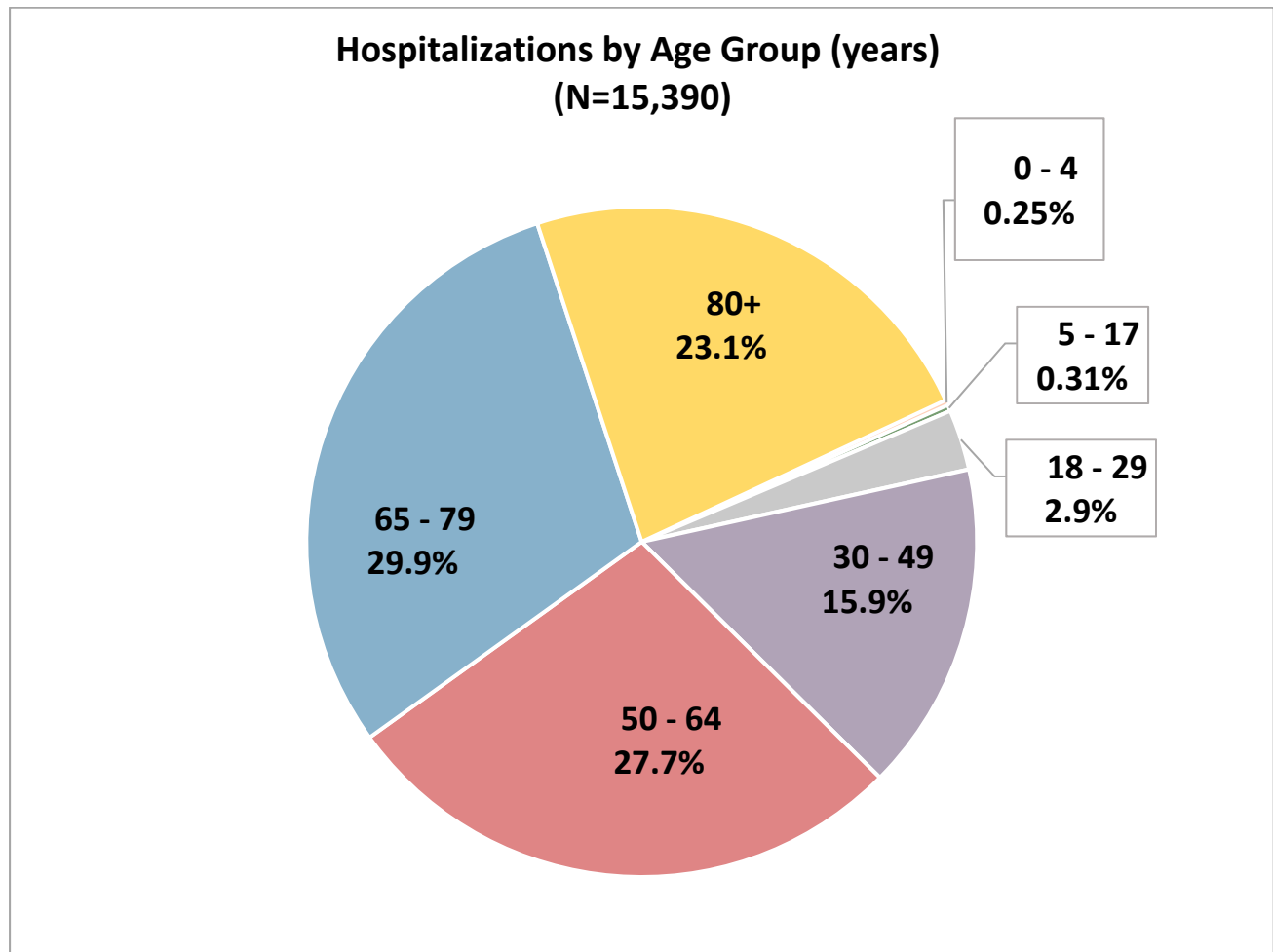
This chart shows the percentage of all cases who we know were hospitalized broken down by age group. For example, those in age groups less than 30 years old make up only a small percentage of all who have been hospitalized.

Percentage of each age group who have been hospitalized (N=58,056)

| Age (Years)	Percent Hospitalized	Percent Not Hospitalized	N
0 to 4	18.8%	81.3%	N=208
5 to 17	5.1%	94.9%	N=929
18 to 29	6.7%	93.3%	N=6713
30 to 49	13.6%	86.4%	N=17918
50 to 64	24.6%	75.4%	N=17287
65 to 79	50.8%	49.2%	N=9060
80+	60.5%	39.5%	N=5879

■ 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.

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Cases by County
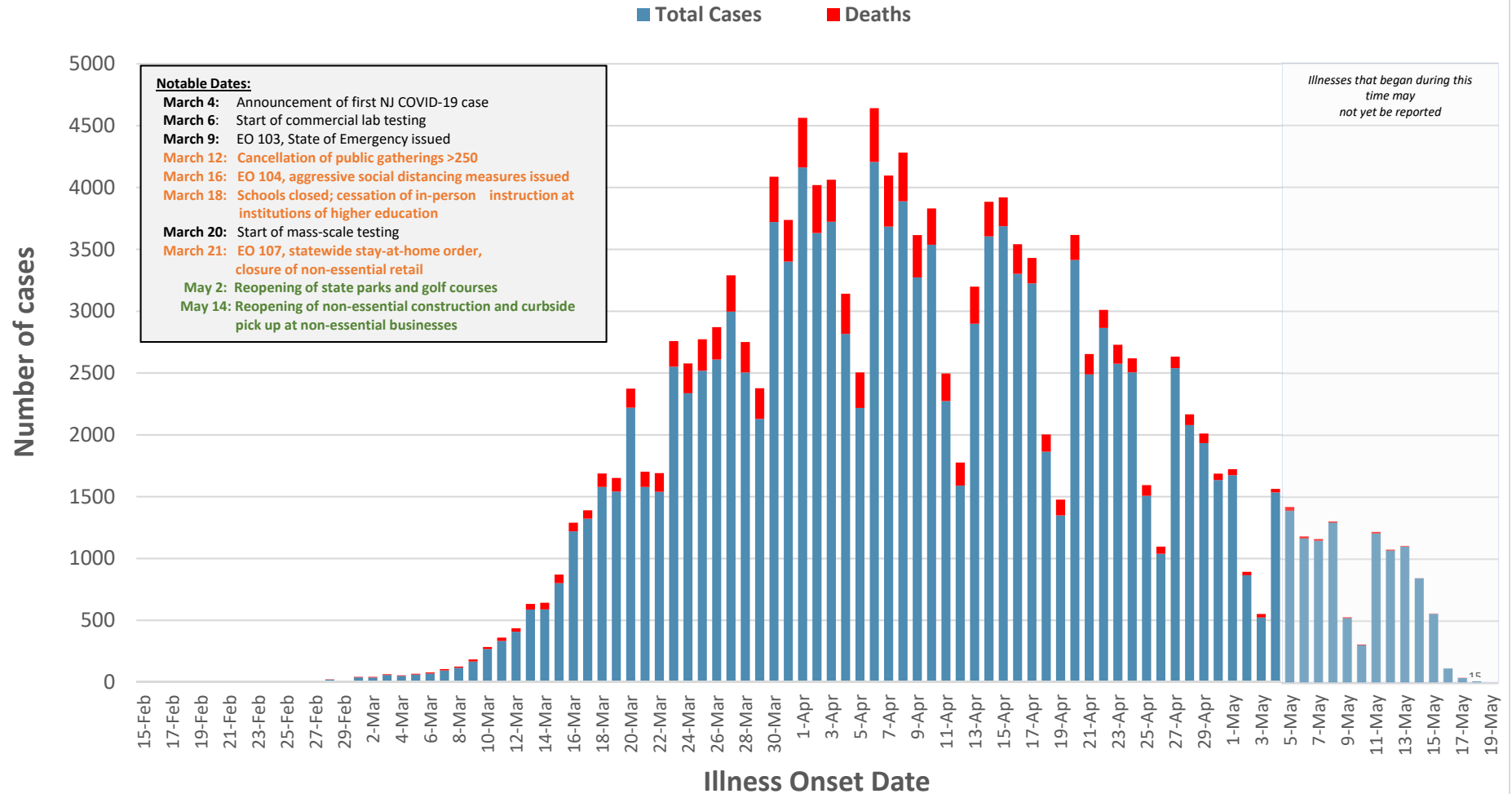
COUNTY	TOTAL CASES
ATLANTIC	1838
BERGEN	17522
BURLINGTON	4000
CAMDEN	5644
CAPE MAY	518
CUMBERLAND	1759
ESSEX	16686
GLOUCESTER	1935
HUDSON	17621
HUNTERDON	885
MERCER	6018
MIDDLESEX	14834
MONMOUTH	7470
MORRIS	6100
OCEAN	8067
PASSAIC	15371
SALEM	470
SOMERSET	4312
SUSSEX	1063
UNION	15031
WARREN	1091
UNKNOWN	778
TOTAL	149013
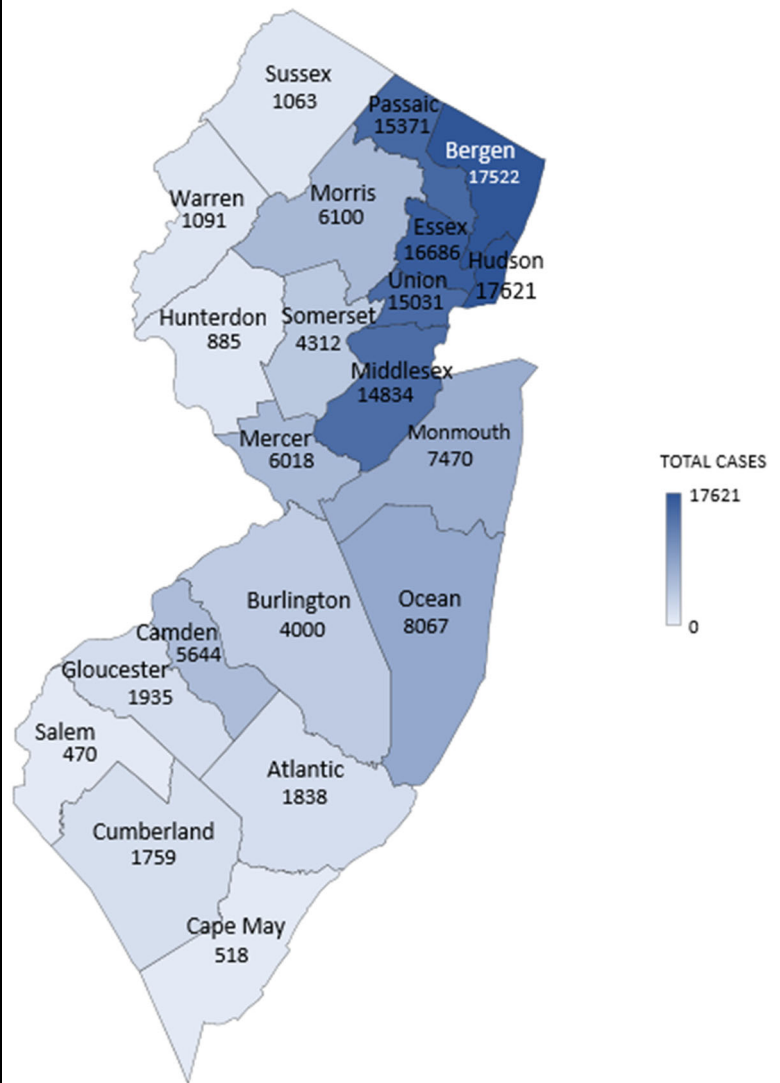
* County information reflects most updated information in CDRSS.

COVID-19 cases and deaths in New Jersey by Illness Onset Date, N=149,013

■ 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
- **May 2:** Reopening of state parks and golf courses
- **May 14:** Reopening of non-essential construction and curbside pick up at non-essential businesses

Number of cases (y-axis): 0 to 5000
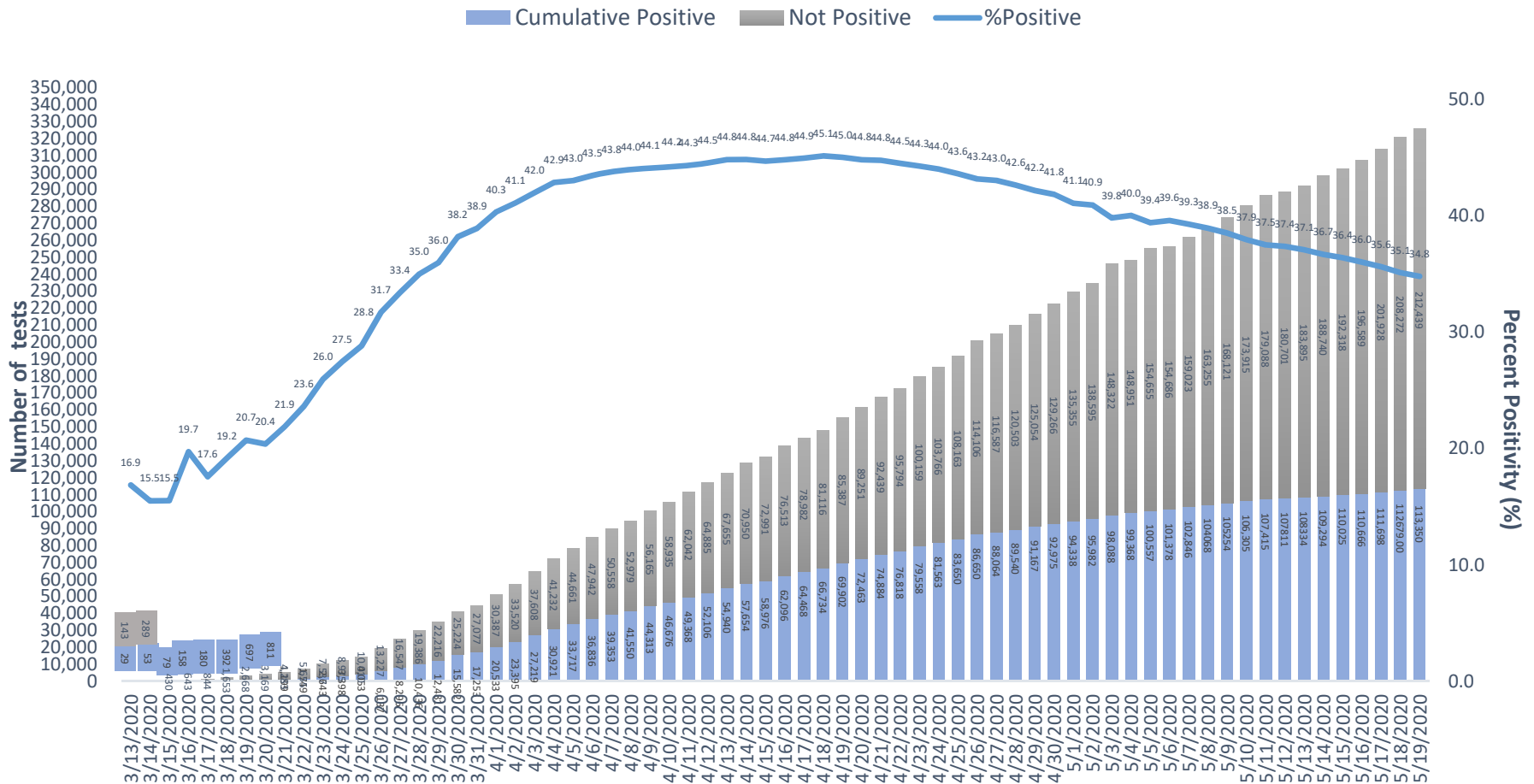
Illness Onset Date (x-axis): 15-Feb to 19-May

* 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.
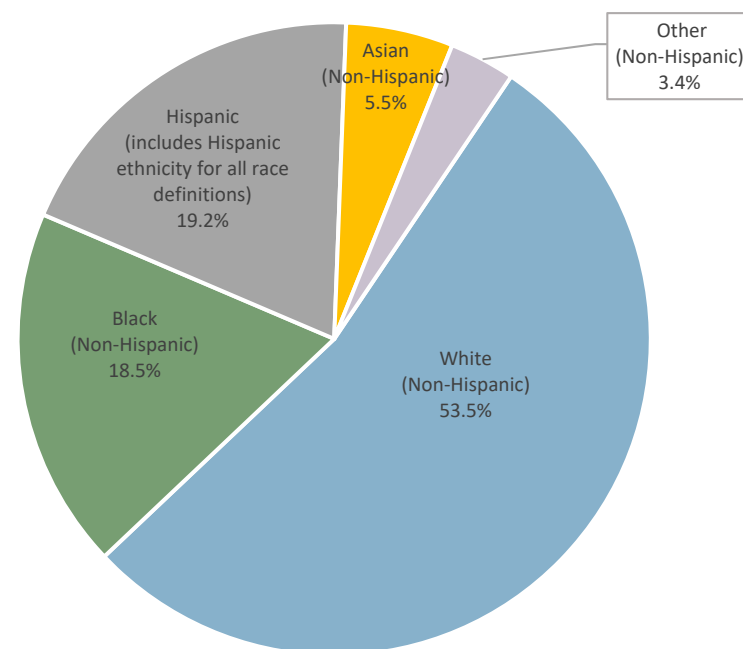
Lab-confirmed COVID-associated deaths by age group (N=10,582*)

- 0-4 < 1 %
- 5-17 0%
- 18-29 0.4%
- 80+ 47.1%
- 30-49 4.4%
- 50-64 15.8%
- 65-79 32.3%
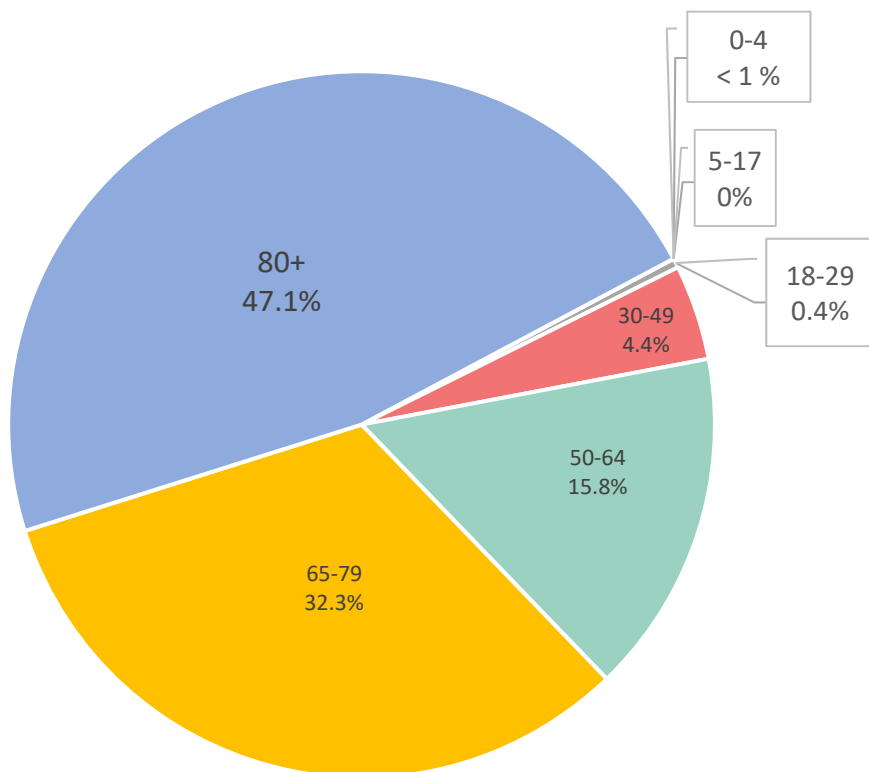
* Age is unknown for 4 (< 1%) of the lab-confirmed COVID associated deaths.

Lab-confirmed COVID-associated deaths by Race/Ethnicity (N=10,300*)

- Asian (Non-Hispanic) 5.5%
- Other (Non-Hispanic) 3.4%
- Hispanic (includes Hispanic ethnicity for all race definitions) 19.2%
- Black (Non-Hispanic) 18.5%
- White (Non-Hispanic) 53.5%

* Race/Ethnicity is unknown for 256 (2.7%) 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.