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 19, 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 4/19/2020 at 8:00 AM and reflect a cumulative summary of laboratory confirmed COVID cases and deaths reported to NJDOH.

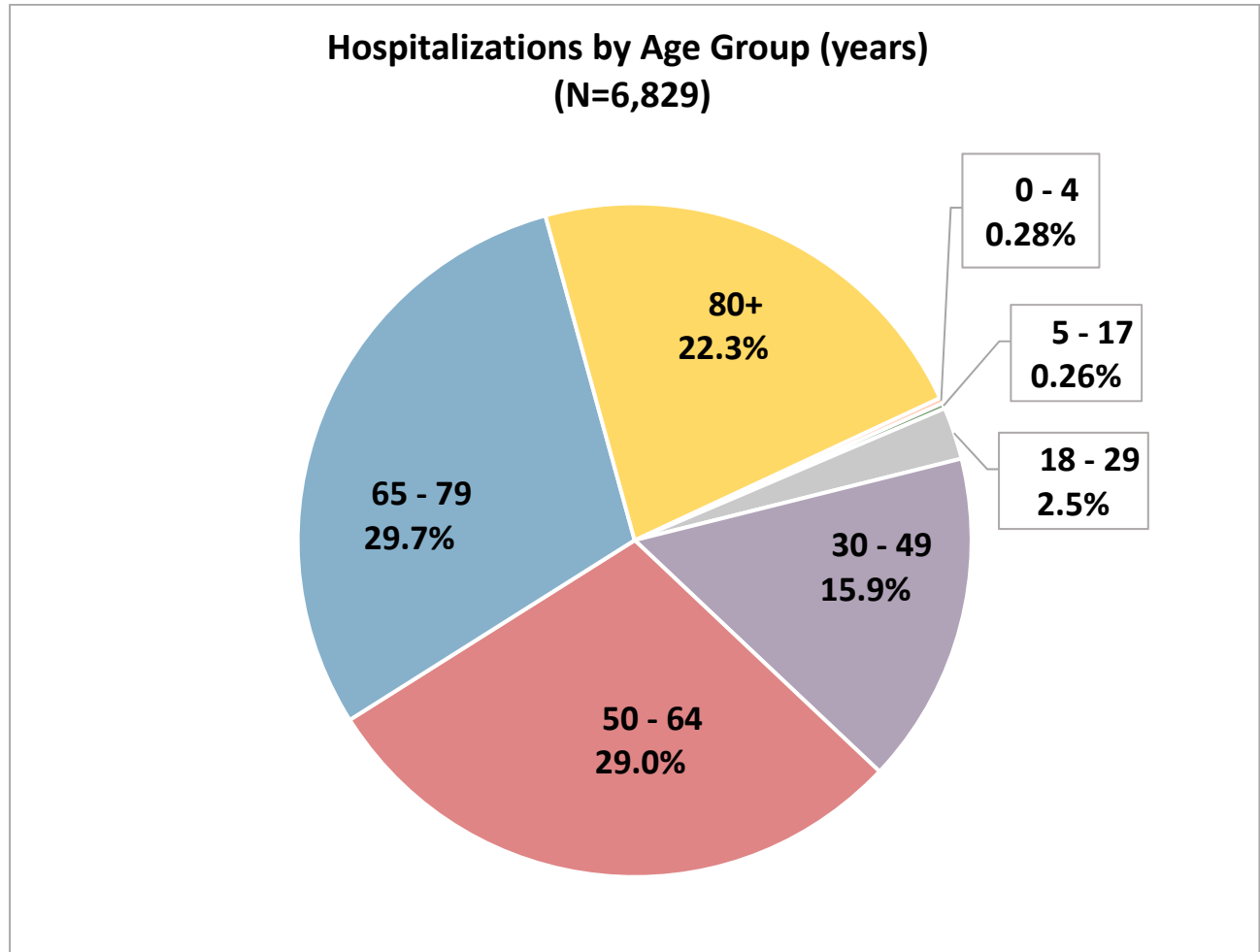| Number of Confirmed Cases	85301	
Illness onset range (min and max)[1]	2/17/2020	4/19/2020
Deaths (Laboratory Confirmed) [2]	$N^{§}$= 85301	Percent
	4202	4.9%
Cumulative Hospitalization [2]	$N^{§}$= 23814	Percent
	6829	28.7%
Age Range (years)	$N^{§}$= 85149	Percent
0 to 4	316	< 1%
5 to 17	1089	1.3%
18 to 29	10091	11.9%
30 to 49	28243	33.2%
50 to 64	26241	30.8%
65 to 79	12189	14.3%
80+	6980	8.2%
Age range in years (min and max)	< 1	107
Mean Age	51.65	
Median Age	51.58	
Gender	N§= 85301	Percent
Female	40850	47.9%
Male	44042	51.6%
Unknown	409	0.5%
Race/Ethnicity[4]	N§= 25925	Percent
White (non-Hispanic)	9303	35.9%
Hispanic (which includes Hispanic ethnicity for all race definitions)	7635	29.5%
Black (non-Hispanic)	5623	21.7%
Asian (non-Hispanic)	1331	5.1%
Other (non-Hispanic)	2033	7.8%

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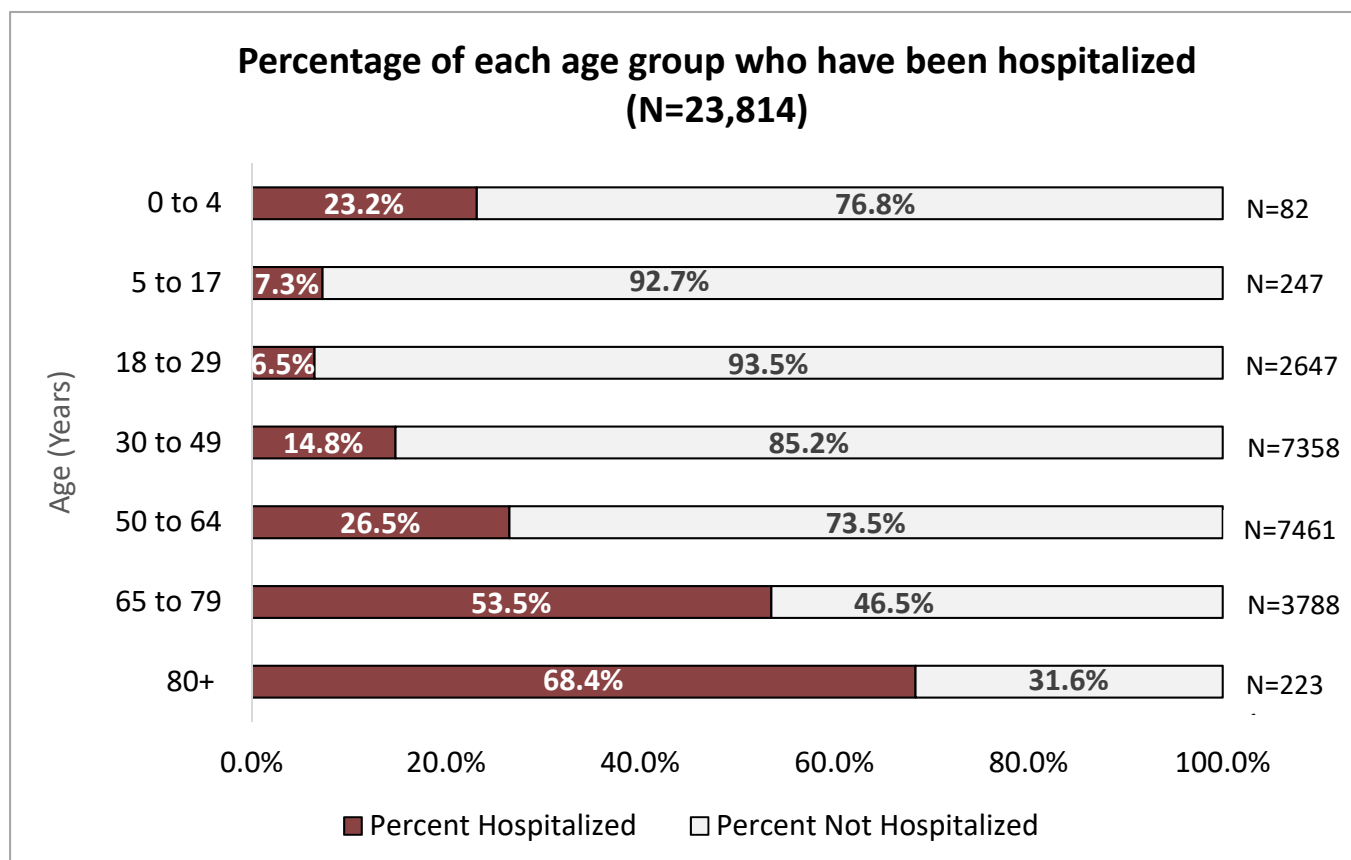
[4] Race/Ethnicity: the White, Black/African American, Asian, and Other groups include those with No or Unknown responses to the Hispanic/Latino question. Other includes Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, Other and people who identify with more than one race.

Hospitalizations by Age Group (years)
(N=6,829)

Age Group	Percentage
80+	22.3%
65 - 79	29.7%
50 - 64	29.0%
30 - 49	15.9%
18 - 29	2.5%
5 - 17	0.26%
0 - 4	0.28%

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=23,814)

Age (Years)	Percent Hospitalized	Percent Not Hospitalized	N
0 to 4	23.2%	76.8%	N=82
5 to 17	7.3%	92.7%	N=247
18 to 29	6.5%	93.5%	N=2647
30 to 49	14.8%	85.2%	N=7358
50 to 64	26.5%	73.5%	N=7461
65 to 79	53.5%	46.5%	N=3788
80+	68.4%	31.6%	N=223

■ 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	398
BERGEN	12639
BURLINGTON	1587
CAMDEN	2131
CAPE MAY	206
CUMBERLAND	308
ESSEX	10304
GLOUCESTER	737
HUDSON	10486
HUNTERDON	407
MERCER	2395
MIDDLESEX	8017
MONMOUTH	4669
MORRIS	4136
OCEAN	4648
PASSAIC	8288
SALEM	116
SOMERSET	2384
SUSSEX	659
UNION	9609
WARREN	592
UNKNOWN	585
TOTAL	**85301**
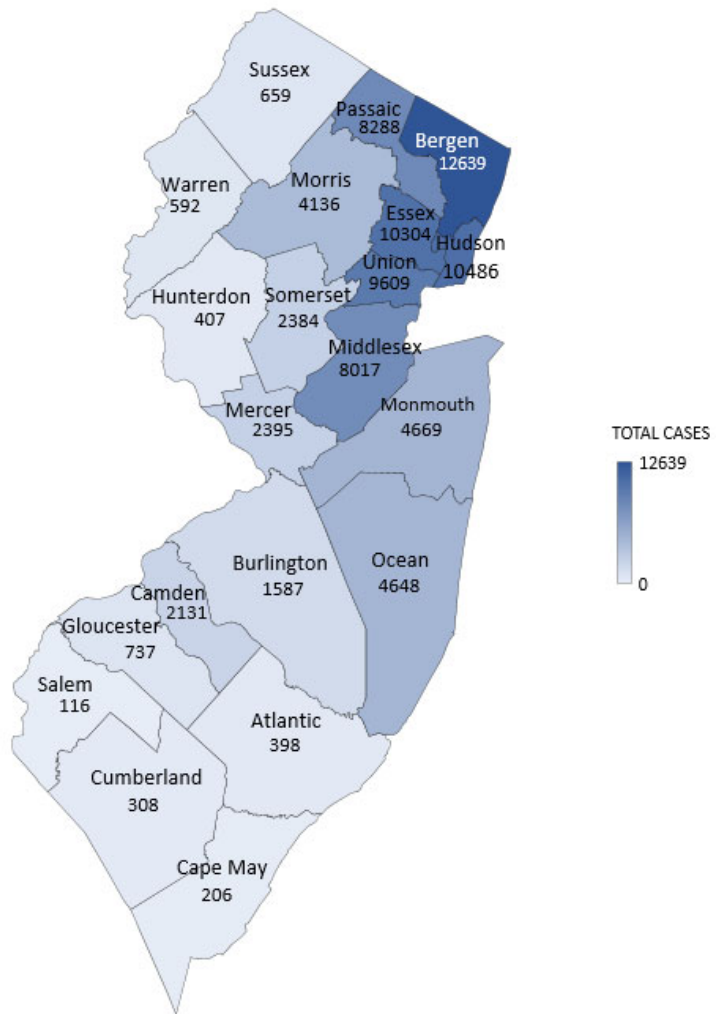
* County information reflects most updated information in CDRSS.

COVID-19 cases and deaths in New Jersey by Illness Onset Date, N=85,301
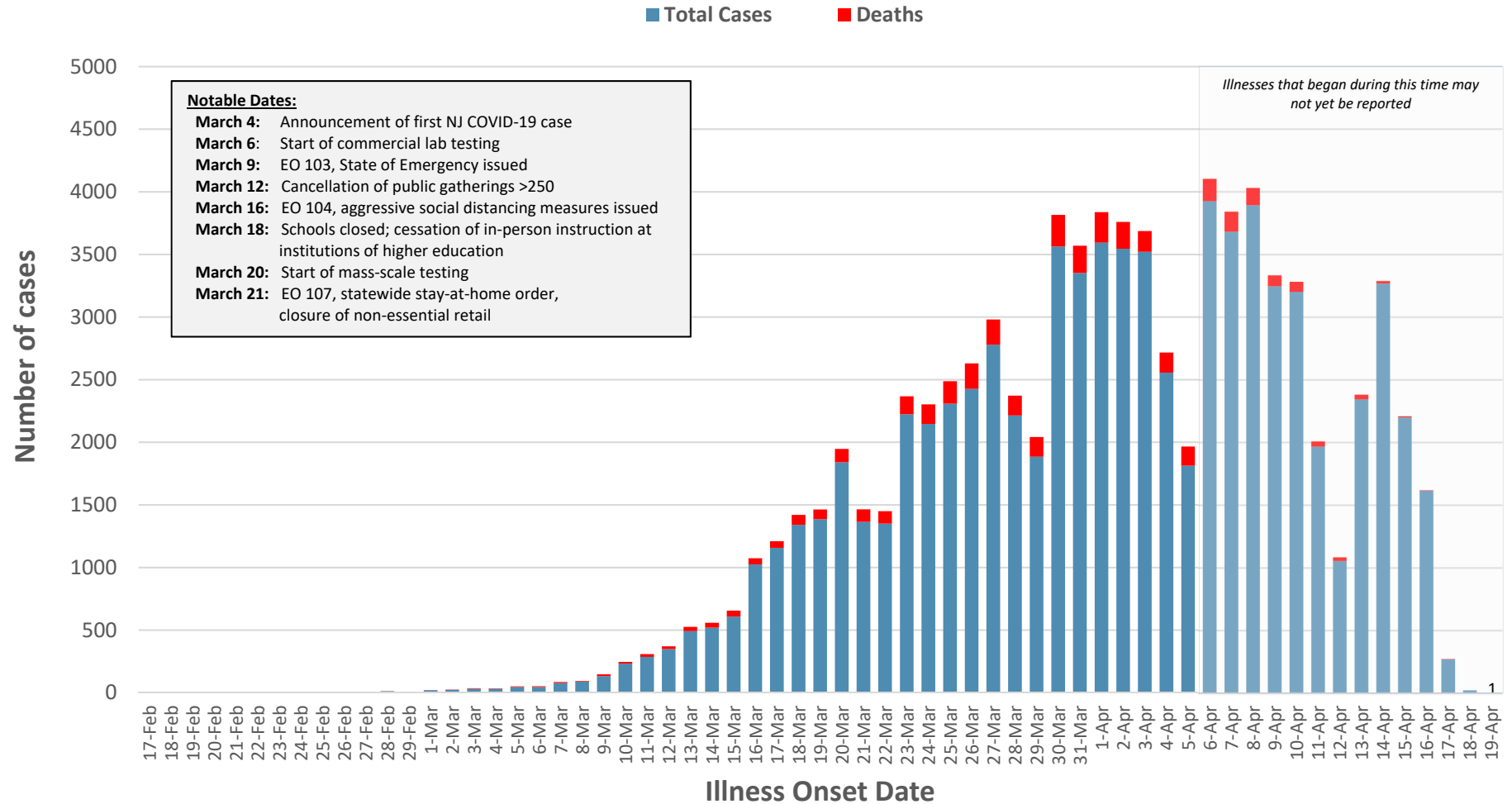
■ Total Cases   ■ Deaths

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

Illness Onset Date

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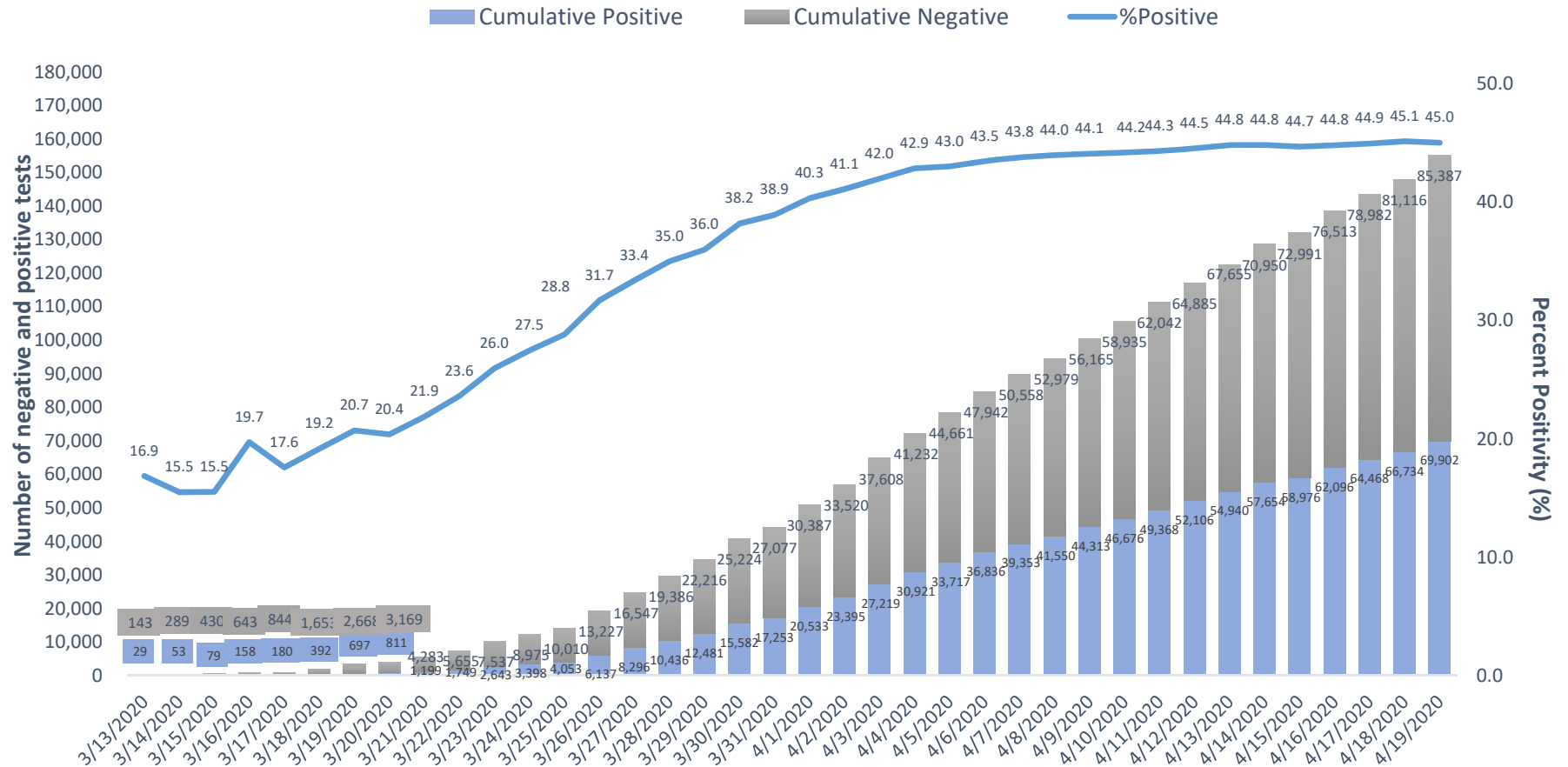
New and cumulative total number of COVID-19 cases in New Jersey

■ New Cases

Positive Covid-19 cases

Reporting Date

start of mass-scale testing

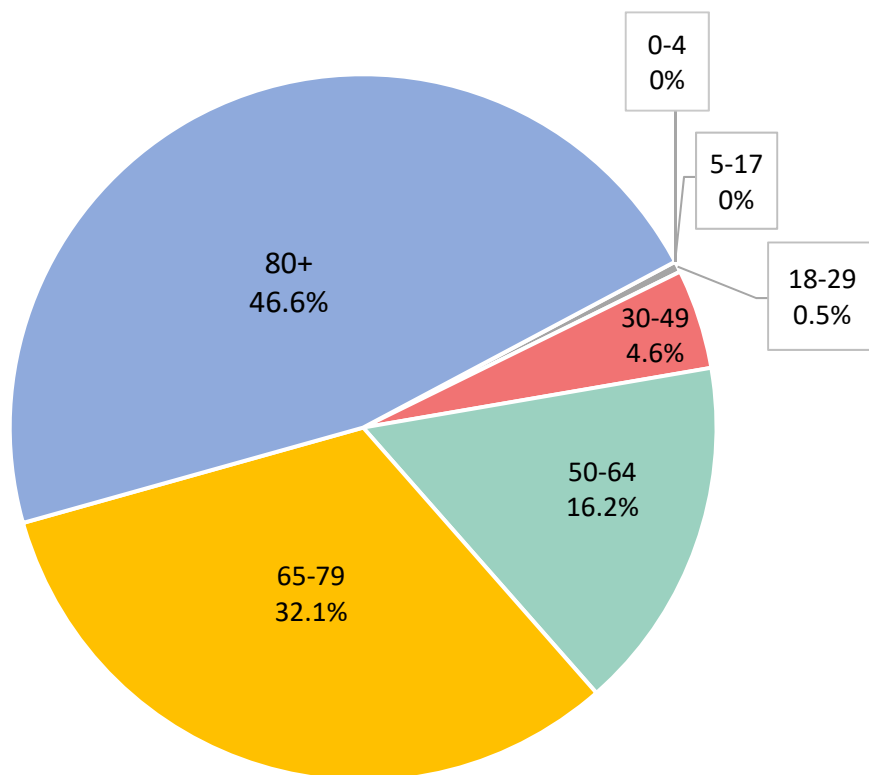| Reporting Date	Cumulative	New Cases
3/5/2020	2	
3/6/2020	4	
3/7/2020	4	
3/8/2020	6	
3/9/2020	15	
3/10/2020	16	
3/11/2020	23	
3/12/2020	29	
3/13/2020	47	
3/14/2020	69	
3/15/2020	98	
3/16/2020	178	
3/17/2020	267	
3/18/2020	429	
3/19/2020	742	
3/20/2020	890	
3/21/2020	1,327	
3/22/2020	1,914	590
3/23/2020	2,844	935
3/24/2020	3,675	846
3/25/2020	4,402	736
3/26/2020	6,876	2,492
3/27/2020	8,825	1,982
3/28/2020	11,124	2,289
3/29/2020	13,386	2,316
3/30/2020	16,636	3,347
3/31/2020	18,696	2,196
4/1/2020	22,255	3,649
4/2/2020	25,590	3,489
4/3/2020	29,895	4,372
4/4/2020	34,124	4,331
4/5/2020	37,505	3,482
4/6/2020	41,090	3,663
4/7/2020	44,416	3,361
4/8/2020	47,437	3,088
4/9/2020	51,027	3,748
4/10/2020	54,588	3,627
4/11/2020	58,151	3,599
4/12/2020	61,850	3,733
4/13/2020	64,584	3,219
4/14/2020	68,824	4,059
4/15/2020	71,030	2,625
4/16/2020	75,317	4,391
4/17/2020	78,467	3,250
4/18/2020	81,420	3,026
4/19/2020	85,301	3,915

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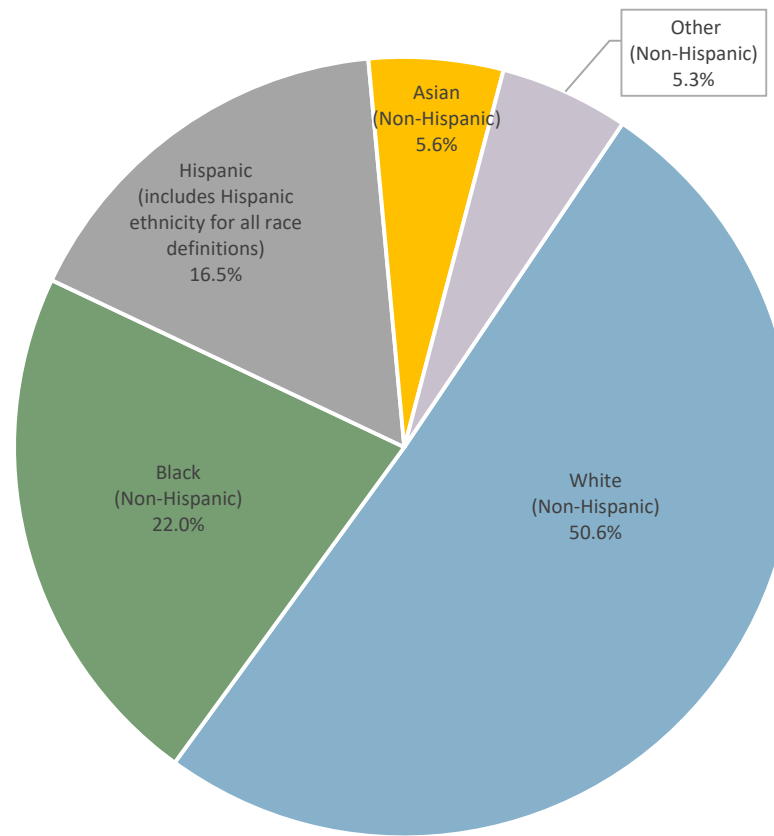

* Major laboratories in which both positive and negative test results are received via electronic laboratory reporting. These laboratories include Bioreference Laboratory, Genesis Laboratory Management, Hackensack University Medical Center, LabCorp, Medical Diagnostics Laboratories, NJPHEL, NY State, Quest Diagnostics .

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Lab-confirmed COVID-associated deaths by age group (N=4,202)

- 0-4: 0%
- 5-17: 0%
- 18-29: 0.5%
- 30-49: 4.6%
- 50-64: 16.2%
- 65-79: 32.1%
- 80+: 46.6%

Lab-confirmed COVID-associated deaths by Race/Ethnicity (N=3,160*)

- Other (Non-Hispanic): 5.3%
- Asian (Non-Hispanic): 5.6%
- Hispanic (includes Hispanic ethnicity for all race definitions): 16.5%
- Black (Non-Hispanic): 22.0%
- White (Non-Hispanic): 50.6%

* Race/Ethnicity is unknown for 1042 (24.8%) 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.