NH DIVISION OF
Public Health Services
Improving health, preventing disease, reducing costs *for all*
Department of Health and Human Services

Bureau of Infectious Disease Control

Coronavirus Disease 2019 (COVID-19) in New Hampshire
Weekly Summary Report - May 18, 2020

HEALTH OUTCOMES	Infections		Hospitalizations		Intensive Care Unit		Recovered	Deaths
	Current	Cumulative	Current	Cumulative	Current	Cumulative		
Persons	2,211	3,652	105	368	n/a	120	1,269	172

n/a: not available.

SUMMARY OF PERSONS WITH COVID-19[a]	Infections		Hospitalizations		Deaths	
	Persons	% of Total	Persons	% of Total	Persons	% of Total
Healthcare Workers	929	25.4	34	9.2	3	1.7
Associated with Long-Term Care Settings	1,038	28.4	71	19.3	134	77.9
Sex						
Female	2,006	55.4	149	40.5	80	46.8
Male	1,617	44.6	219	59.5	92	53.2
Age Group (in years)						
0 - 9	40	1.1	2	0.5	0	0
10 - 19	151	4.2	4	1.1	0	0
20 - 29	550	15.2	12	3.3	1	0.6
30 - 39	502	13.8	12	3.3	0	0
40 - 49	489	13.5	32	8.7	5	2.9
50 - 59	654	18.0	58	15.8	2	1.2
60 - 69	496	13.7	103	28.0	11	6.4
70 - 79	298	8.2	84	22.8	45	26.2
80 +	448	12.3	61	16.6	108	62.8
Risk Information						
Contact with Someone with COVID-19	663	18.3	49	13.3	5	2.9
Community Transmission	716	19.7	138	37.5	23	13.4
International or Domestic Travel	655	18.1	69	18.8	7	4.1
Cluster-associated*	1,220	33.6	83	22.6	132	76.7
Unclear or Unknown	374	10.3	29	7.9	5	2.9

*Cluster-associated: 3 or more cases within a workplace or facility with evidence of transmission occurring within that location.

Race/Ethnicity Identified COVID-19 Infections, Hospitalizations, and Deaths

Race/Ethnicity is known for 74% of COVID-19 infections, 85% of hospitalizations, and 59% of deaths.

Race/Ethnicity	Infections		Hospitalizations		Deaths		Percent of NH Population[4]
	Persons	% of Total	Persons	% of Total	Persons	% of Total	
White[2]	1,981	73.5%	244	78.5%	88	86.3%	90.0%
Hispanic/Latino[1]	233	8.6%	29	9.3%	4	3.9%	3.9%
Black or African American[2]	150	5.6%	16	5.1%	0	0%	1.4%
Other[3]	253	9.4%	11	3.5%	10	9.8%	1.8%
Asian[2]	80	3.0%	11	3.5%	0	0%	3.0%
Total Persons with Race/Ethnicity Information	2,697		311		102		

[1] Hispanic/Latino includes people of any race.
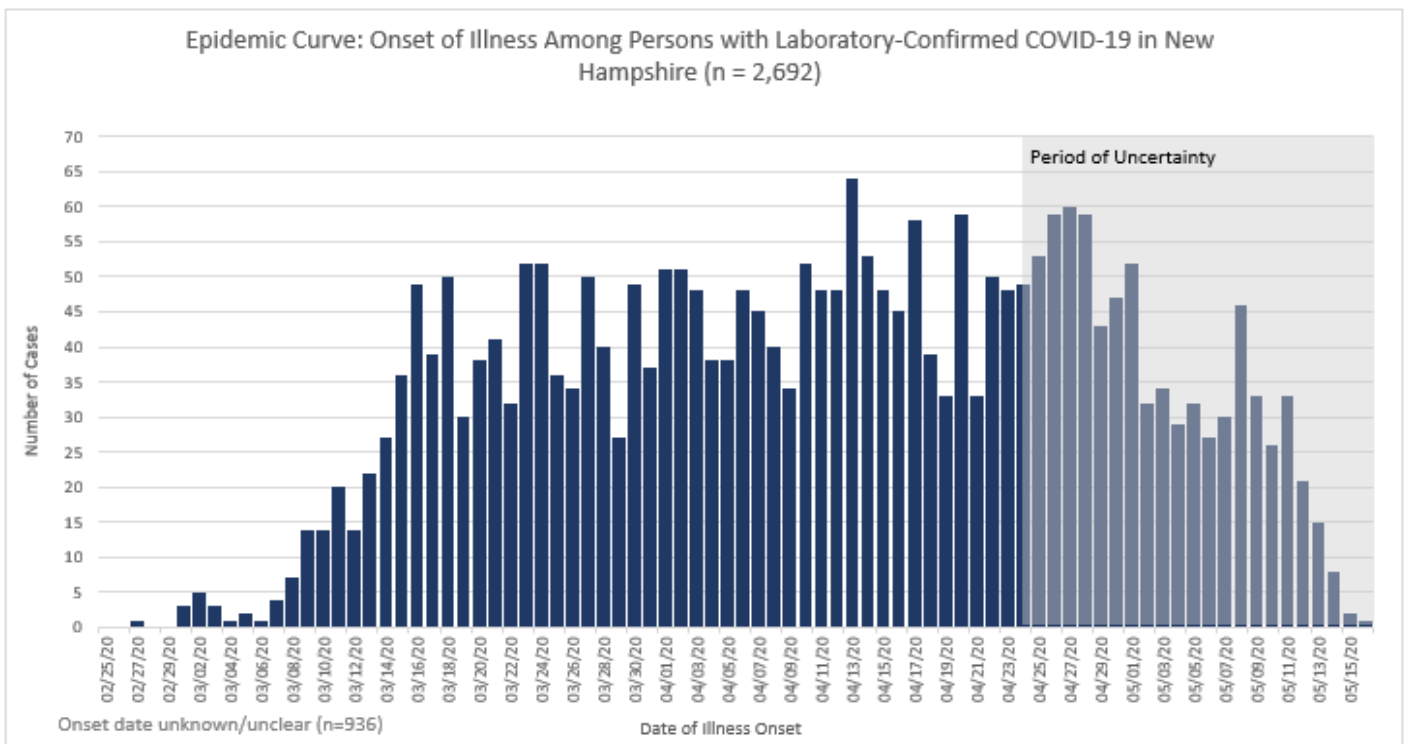[2] All other races are non-Hispanic/Latino or Hispanic/Latino ethnicity unknown.
[3] Other includes non-Hispanic: American Indian/Alaska Native, Native Hawaiian/Other Pacific Islander, Other race alone, or two or more races.
[4] Census Bureau Population Estimates 7/1/18 from https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-detail.html. Analysis by K.M. Johnson, Demographer, Univ of New Hampshire, 4/19/20.
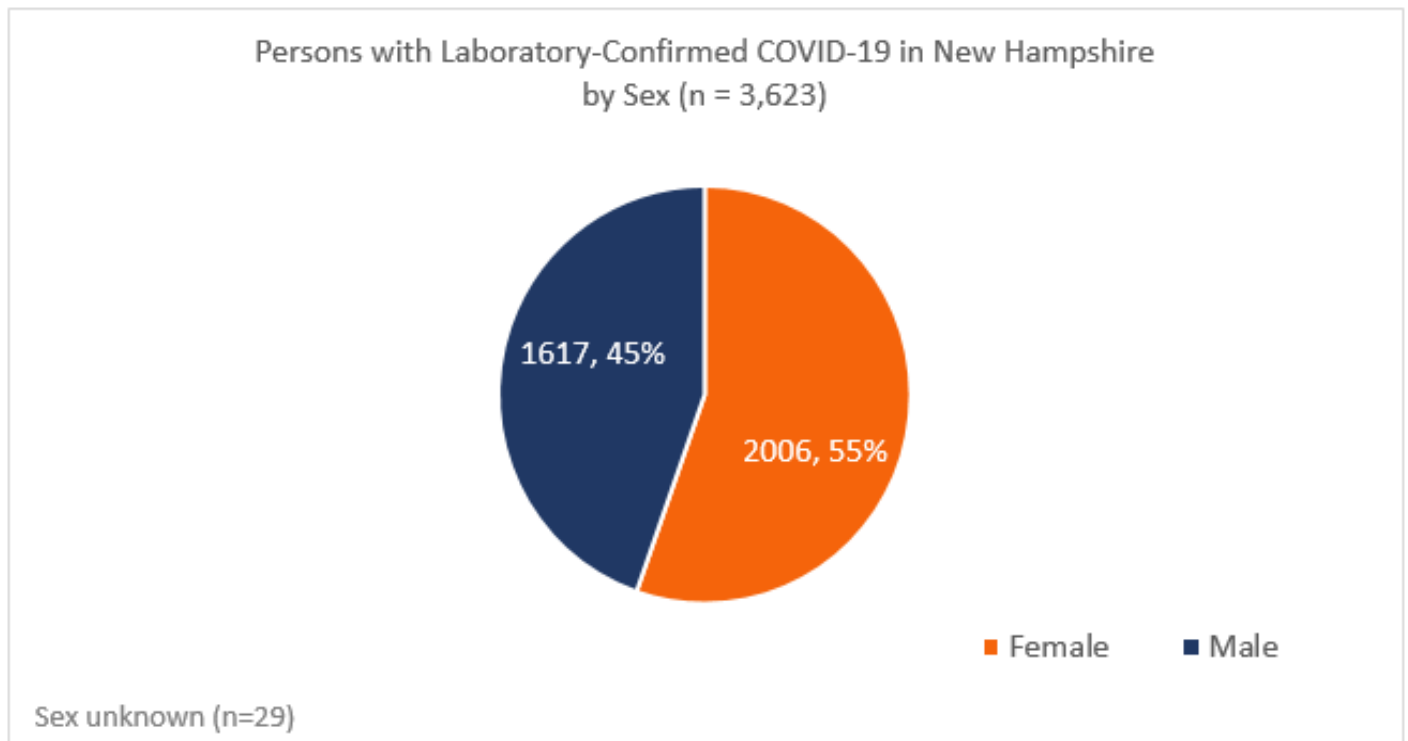
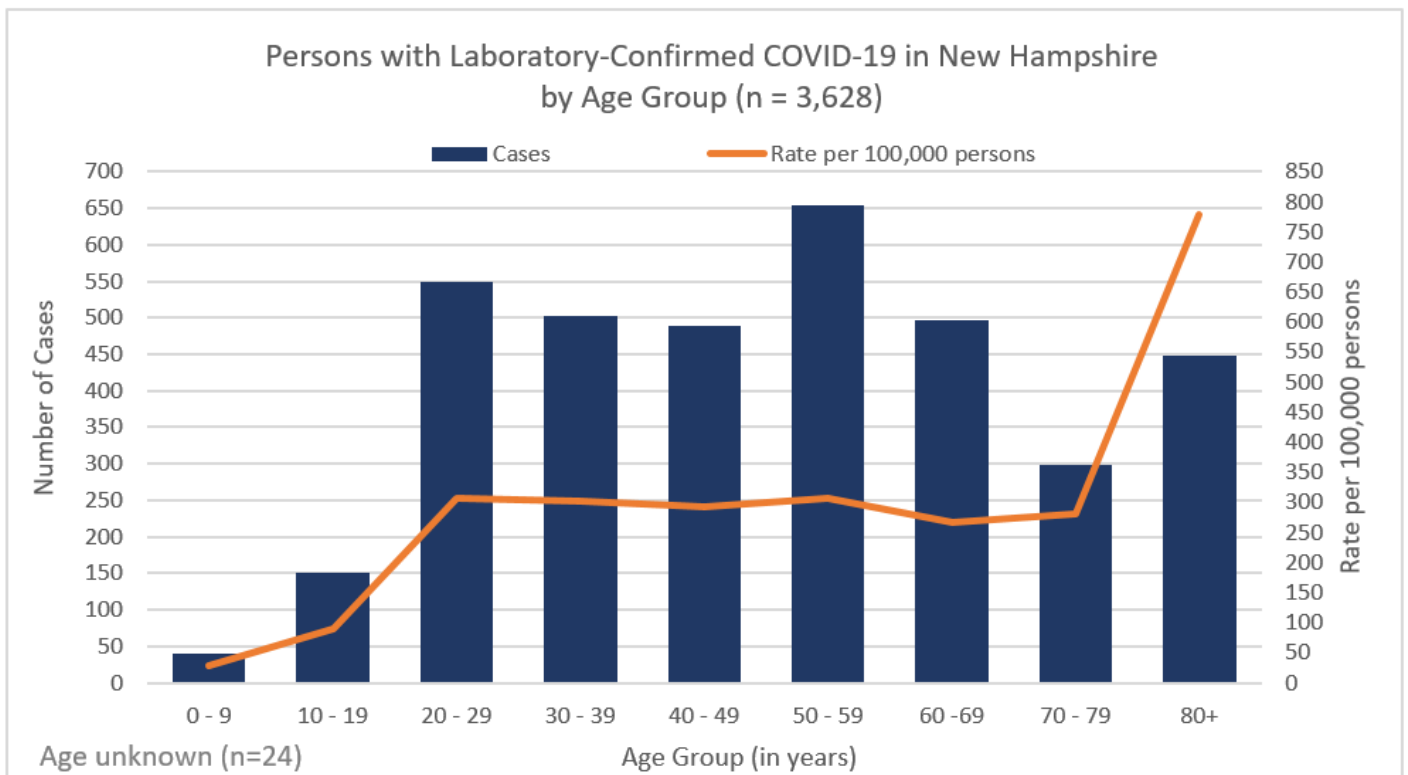| Geographic Distribution* of COVID-19	Infections		Hospitalizations		Deaths	
	Persons	% of Total	Persons	% of Total	Persons	% of Total
Belknap	53	1.5	8	2.2	0	0
Carroll	44	1.2	7	1.9	0	0
Cheshire	48	1.3	9	2.5	2	1.2
Coos	4	0.1	0	0	0	0
Grafton	62	1.7	6	1.6	1	0.6
Hillsborough County	1,764	48.6	182	49.4	81	47.1
Outside Manchester and Nashua	*598*	*16.5*	*54*	*14.7*	*25*	*14.5*
Manchester	*837*	*23.1*	*97*	*26.4*	*48*	*27.9*
Nashua	*329*	*9.1*	*31*	*8.4*	*8*	*4.7*
Merrimack	282	7.8	30	8.2	13	7.6
Rockingham	1,113	30.7	106	28.9	62	36.0
Strafford	234	6.4	16	4.4	12	7.0
Sullivan	16	0.4	3	0.8	1	0.6
Unknown	8	0.2	1	0.3	0	0
Total	3,628		368		172	

* Based on County of residence not location of illness acquisition, receipt of healthcare, or hospitalization.

CURRENT ACTIVE CLUSTERS OF COVID-19 IN INSTITUTIONAL SETTINGS				
Facility	Residents Ill	Staff Ill	Under Investigation	Number of Deaths
Aurora Senior Living / Derry Rehab, Derry, NH	36	15	0	9
Bedford Falls, Bedford, NH	27	21	0	7
Birch Hill, Manchester, NH	13	15	0	7
Clipper Harbor Genesis, Portsmouth	0	8	0	0
Community Bridges Belmont	2	6	0	0
Crestwood Care and Rehab, Milford, NH	48	24	0	10
Greenbriar Nashua, NH	11	0	0	0
Hackett Hill Genesis, Manchester, NH	62	17	0	9
Hanover Hill, Manchester, NH	79	59	0	25
Hillsborough County Nursing Home, Goffstown, NH	41	21	0	1
Mountain Ridge Center, Franklin, NH	48	19	0	7
Pleasant Valley Nursing Home, Penacook, NH	89	34	0	21
Ridgewood Genesis Bedford	48	15	1	13
Salemhaven, Salem, NH	26	10	0	8
Villa Crest, Manchester, NH	48	23	8	3

Epidemic Curve: Onset of Illness Among Persons with Laboratory-Confirmed COVID-19 in New Hampshire (n = 2,692)
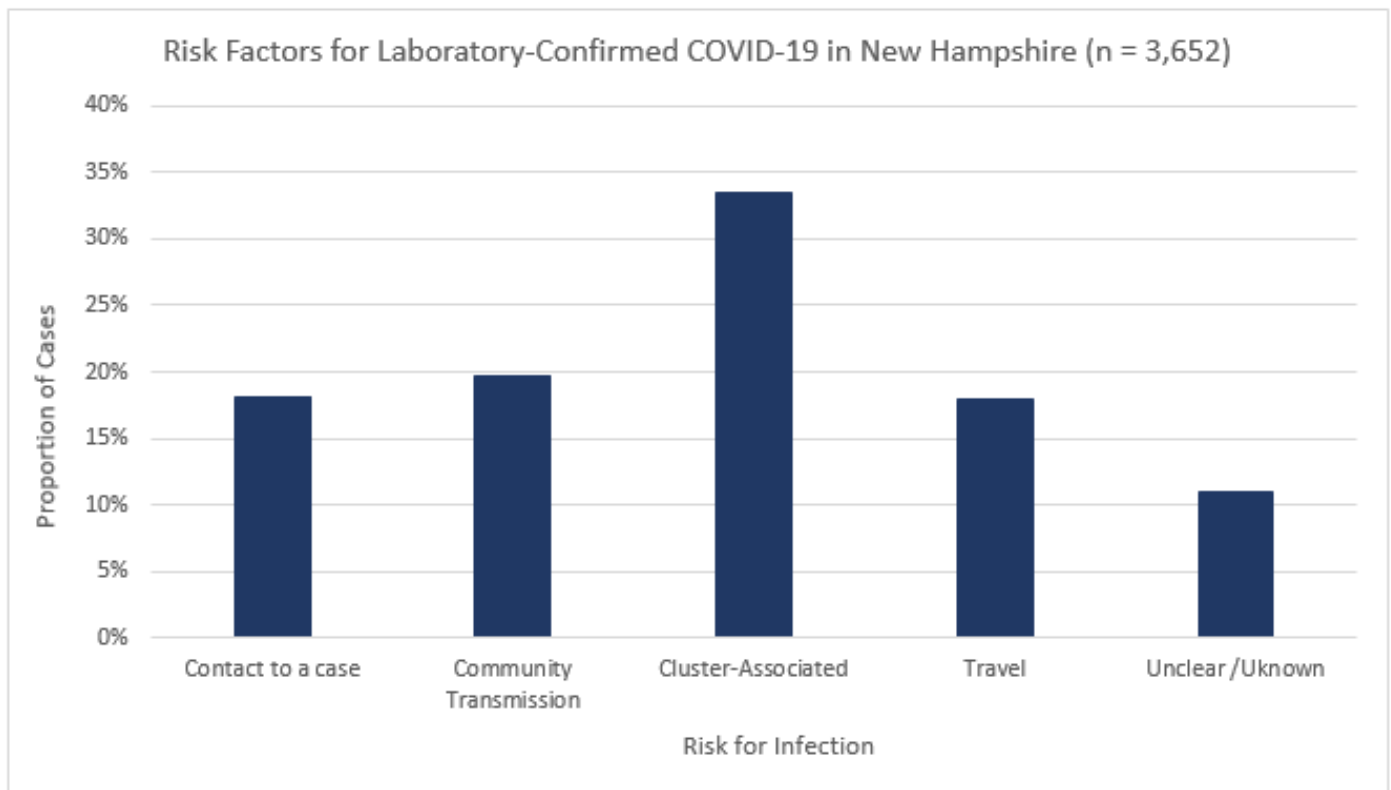

Onset date unknown/unclear (n=936)

Period of Uncertainty: People infected during this time may not yet be symptomatic and reported. This time period is estimated to be approximately 3 weeks. This includes the time between becoming exposed to the virus and developing illness, which is between 2 to 14 days (typically 5-6 days) and the time from illness onset to the illness being reported to the health department (typically within about 7 days).

Persons with Laboratory-Confirmed COVID-19 in New Hampshire by Sex (n = 3,623)

Sex unknown (n=29)

Persons with Laboratory-Confirmed COVID-19 in New Hampshire by Age Group (n = 3,628)
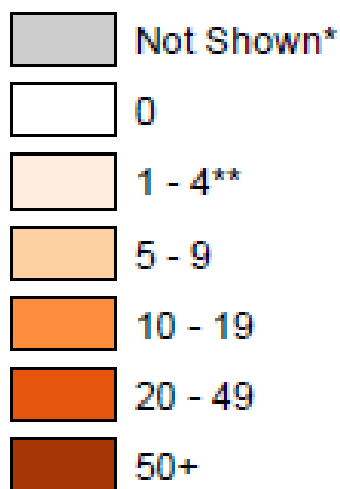

Age unknown (n=24)

The rate per 100,000 adjusts for the underlying population size of the age group and provides a more accurate estimate of COVID-19 burden experienced than does considering number of cases alone. For example, while people aged 80 years and older make up a small proportion of cases, there are much fewer people in this age group in the general population so when considering the underlying population size, this age group is experiencing the highest rate of laboratory-confirmed COVID-19.

Risk Factors for Laboratory-Confirmed COVID-19 in New Hampshire (n = 3,652)

*Cluster-associated: 3 or more cases within a workplace or facility with evidence of transmission occurring within that location.

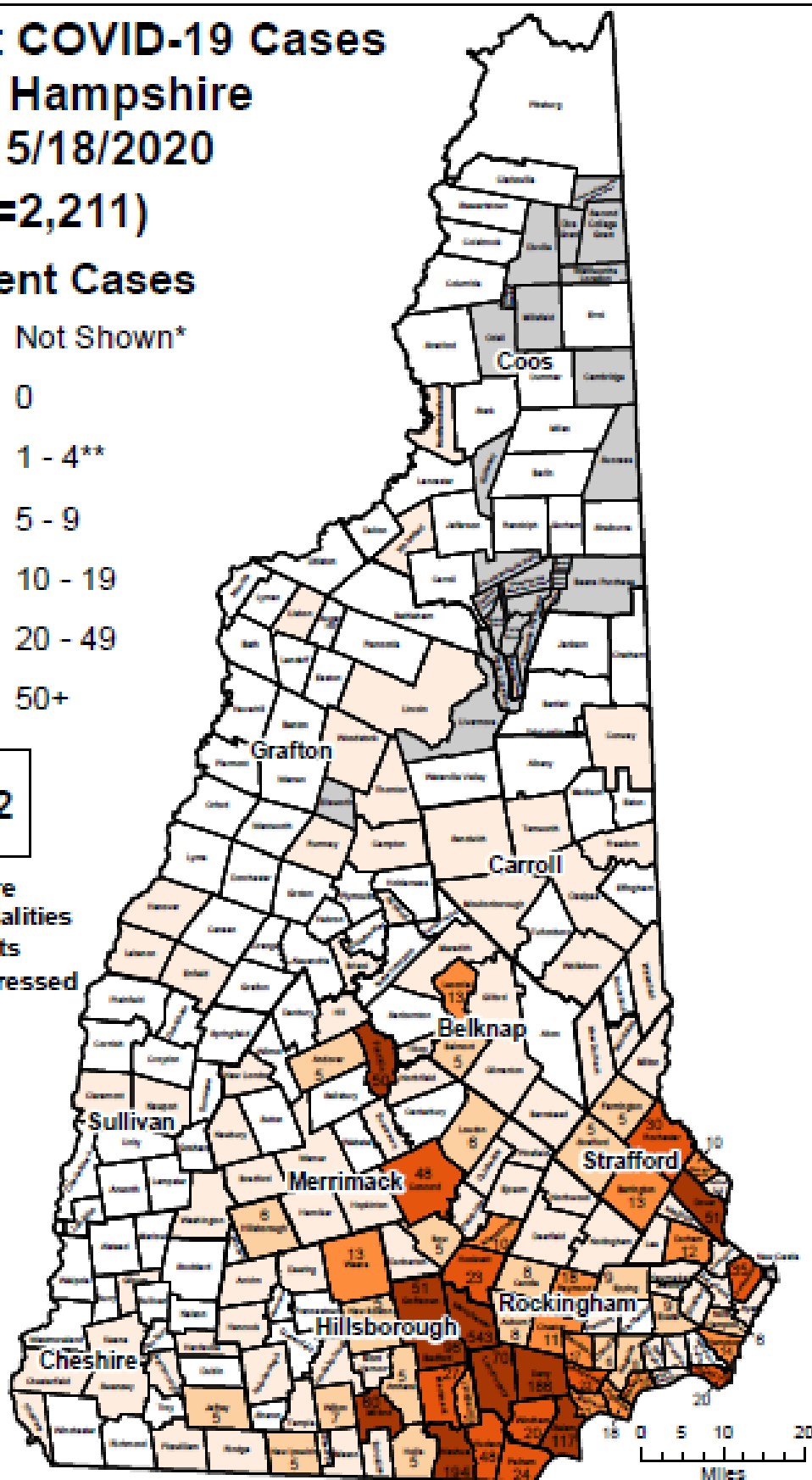**Total Current COVID-19 Cases in New Hampshire as of 5/18/2020 (n=2,211)**

COVID-19 in New Hampshire
Positive Test Results
3/1/2020 - 5/18/2020
(n=3,652)

Positive Results

▦	Not Shown*
☐	0
☐	1 - 4**
☐	5 - 9
☐	10 - 19
☐	20 - 49
■	50+

Cases under investigation, 32 town unknown

*Positive case counts are suppressed in municipalities with under 100 residents

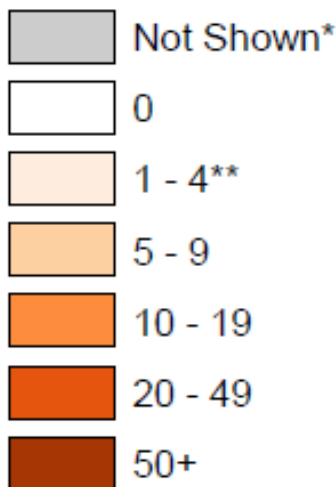**Exact counts are suppressed for municipalities with 1 - 4 cases

County labels: Coos, Grafton, Carroll, Belknap, Sullivan, Merrimack, Strafford, Rockingham, Hillsborough, Cheshire

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