



TOWN OF ANDOVER

Town Offices
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COVID-19 DATA REVIEW

April 2, 2021

Data from Weekly Covid-19 Dashboard 4/1/2021

Community	Total Case Count	Case Count (Last 14 Days)	Avg. Daily Incident Rate per 100,000 (last 14 days)	Relative Change in Case Counts	Total Tests	Total Test (last 14 days)	Total Positive Tests (last 14 days)	% Positivity (Last 14 Days)	Change in Percent Positivity
Andover	2478	118	23.4	Higher	88491	4464	133	2.98%	Higher
Haverhill	7424	210	22.7	Lower	138355	6594	248	3.76%	Lower
Lawrence	18626	402	32.7	Higher	203503	8528	490	5.75%	Higher
Lynnfield	1117	42	25.9	Lower	29060	1702	54	3.17%	Higher
Methuen	6923	217	28.8	Lower	111822	5360	250	4.66%	Higher
N. Andover	2731	121	28.5	Higher	150218	11112	129	1.16%	Higher
N. Reading	1297	68	29.2	Higher	34922	1992	77	3.87%	Higher
Reading	1934	112	28.9	Lower	55562	3170	120	3.79%	No Change
Tewksbury	3006	99	22.9	Higher	76007	3975	104	2.62%	Higher
Wilmington	2014	76	22.2	Higher	42698	2361	81	3.43%	Higher

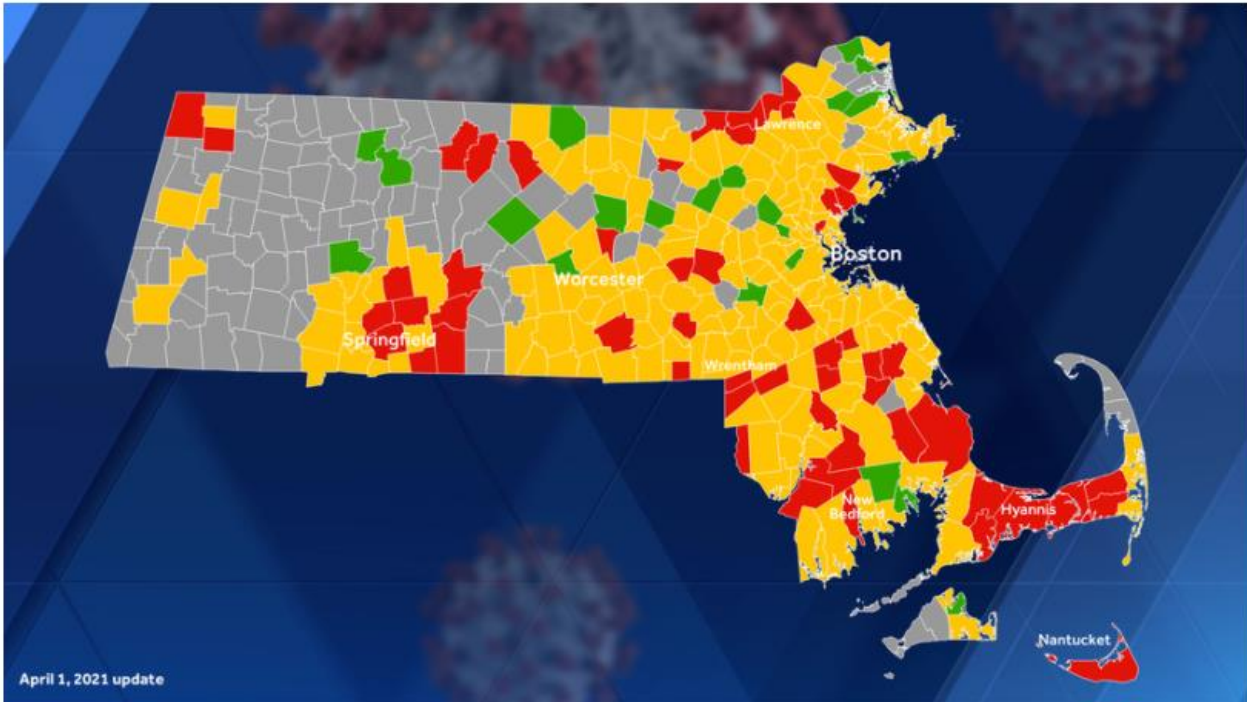
Andover Weekly Data

Date	Total Case Count	Case Count (Last 14 Days)	Avg. Daily Incident Rate per 100,000 (last 14 days)	Relative Change in Case Counts	Total Tests	Total Test (last 14 days)	Total Positive Tests (last 14 days)	% Positivity (Last 14 Days)	Change in Percent Positivity
2/25/2021	2231	108	21.4	Lower	76184	5418	132	2.44%	Lower
3/4/2021	2260	90	17.8	Lower	78884	5183	107	2.06%	Lower
3/11/2021	2298	74	14.7	Lower	81288	5191	87	1.68%	Lower
3/18/2021	2355	85	16.8	Higher	83699	4662	95	2.04%	Higher
3/25/2021	2409	110	21.8	Higher	86062	4434	119	2.68%	Higher
4/1/2021	2478	118	23.4	Higher	88491	4464	133	2.98%	Higher
State 4/1/2021	598177	24984	25.6	Higher	18821008	1184358	27932	2.36%	Higher

This table contains state-wide data & is intended to provide the reader with background on what type of cluster events are being noted.

Exposure Setting	New			Ongoing			Total		
	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts	Clusters	Confirmed Cases	Contacts
24/7 Congregate Settings	1	2	0	25	5	9	26	7	9
Child Care	94	347	302	149	102	152	243	449	454
Colleges & Universities	24	149	67	66	50	63	90	199	130
Corrections	0	0	0	14	20	3	14	20	3
Hospitals	4	59	0	11	12	1	15	71	1
Households	6,932	17,688	---	11,028	1,910	---	17,960	19,598	---
Industrial Settings	11	52	7	32	30	15	43	82	22
K-12 Schools	25	113	135	24	1	53	49	114	188
Long Term Care Facilities	34	103	---	92	163	---	126	266	---
Offices	7	27	17	10	4	5	17	31	22
Organized Athletics & Camps	20	176	171	51	25	146	71	201	317
Other	0	0	0	2	0	0	2	0	0
Other Food Establishments	4	22	6	15	6	1	19	28	7
Other Healthcare	1	3	0	7	3	0	8	6	0
Other Workplaces	6	26	7	14	16	2	20	42	9
Places of Worship	4	78	13	7	1	1	11	79	14
Recreation/Cultural	5	29	70	8	18	0	13	47	70
Restaurants & Food Courts	16	100	28	22	25	12	38	125	40
Retail & Services	15	63	40	29	13	11	44	76	51
Senior Living	3	8	0	51	11	1	54	19	1
Shelters	0	0	0	3	1	0	3	1	0
Social Gatherings	18	106	63	15	16	14	33	122	77
Travel & Lodging	2	11	5	0	0	0	2	11	5
TOTAL	7,226	19,162	931	11,675	2,432	489	18,901	21,594	1,420
New Clusters: Clusters with the first case identified during the four week period (2/28/2021 - 3/27/2021)									
Ongoing Clusters: Clusters with the first case identified prior to the four week period above that has not met criteria to be closed. Cases included in ongoing clusters are those whos									
Closed Clusters: A cluster is closed after 28 days have passed since the last confirmed case; 85,923 clusters are closed, 309,807 cases are associated with closed clusters									

This map is from <https://www.wcvb.com/article/massachusetts-coronavirus-covid-19-community-spread-risk-map-color-coded/33646711> on 4/1/2021.

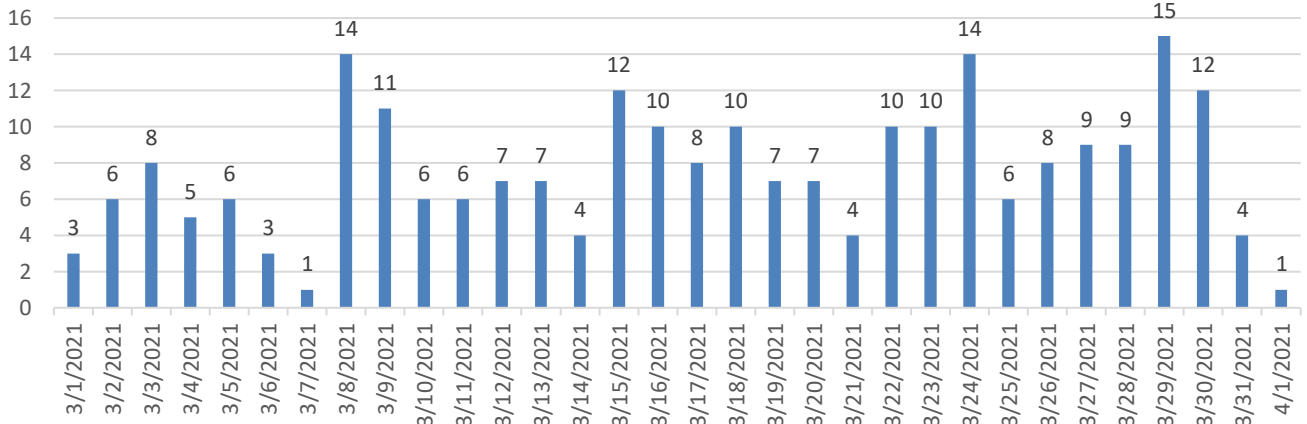


april 1, 2021 covid-19 risk map, based on ranking from dph

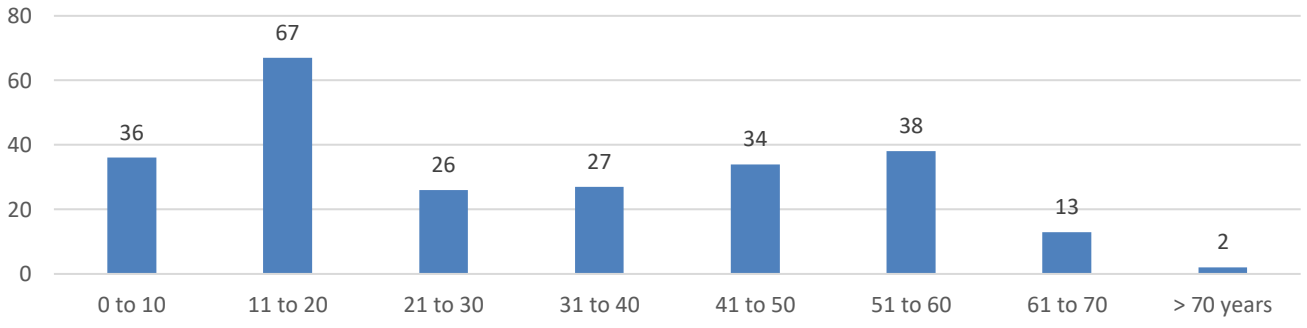
Observations:

- North Andover’s % Positivity is unnaturally low because all of Merrimack College’s weekly tests are reported as North Andover tests. The standardized Incident Rate in this case provides the best information on cases in that community.
- Andover’s case rate has risen for three weeks in a row; this reflects what is happening state-wide.
- This week’s color coded map reflects an increase in high risk (Red) communities state-wide.
- State-wide, child care settings are seeing an increase in clusters identified.
- State-wide, it appears that long term care facilities continue to be the site of clusters.

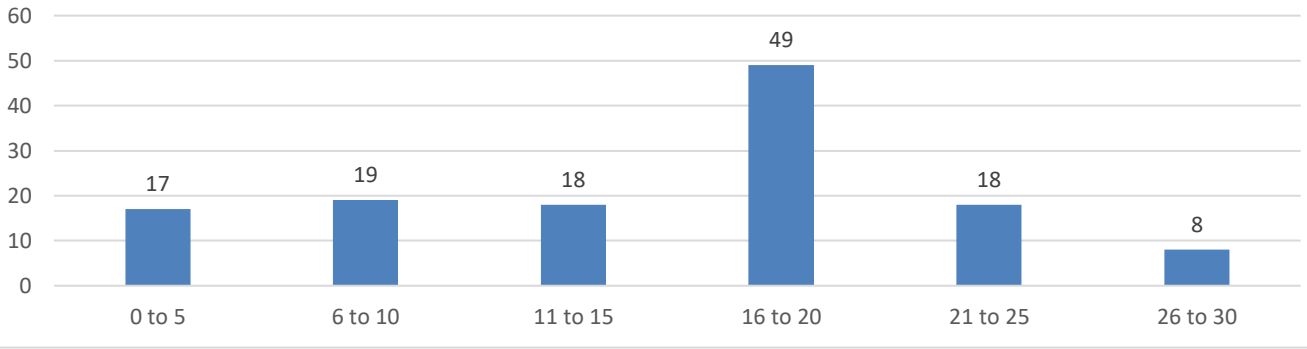
Covid-19 Cases Andover 3/1/2021 to 4/1/2021



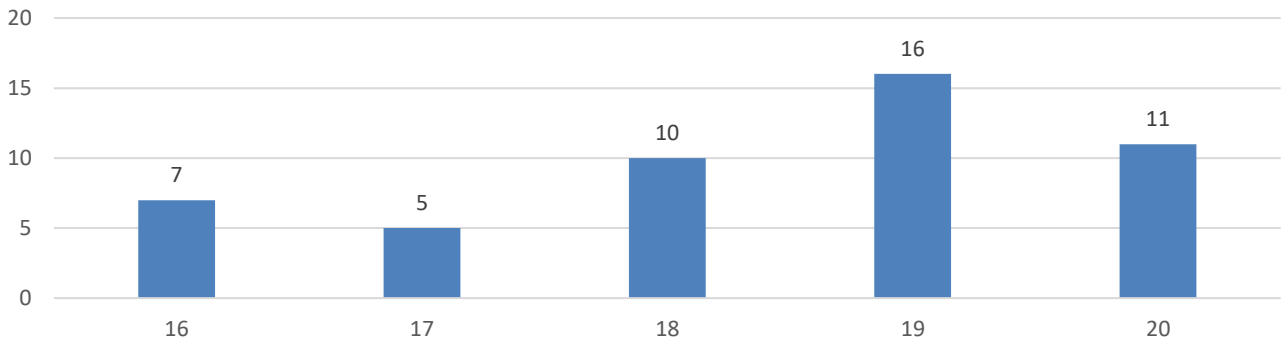
Covid-19 Cases by Age Group Andover March, 2021



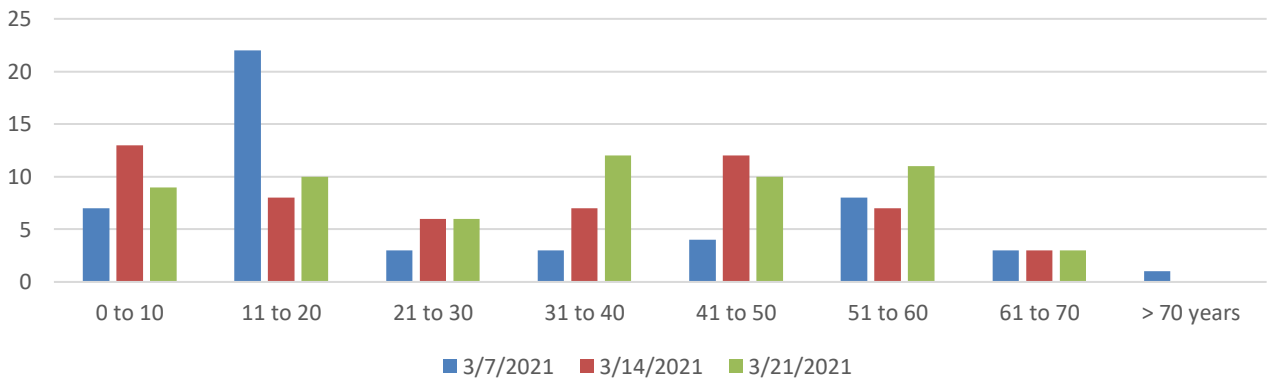
Covid-19 Cases by Age Group Andover March, 2021



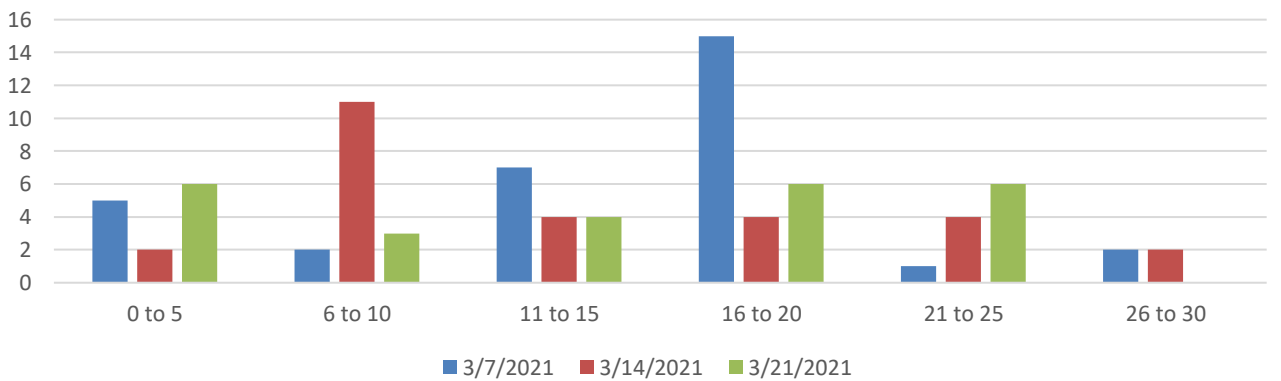
Covid-19 Cases by Age (Years)
Andover
March, 2021

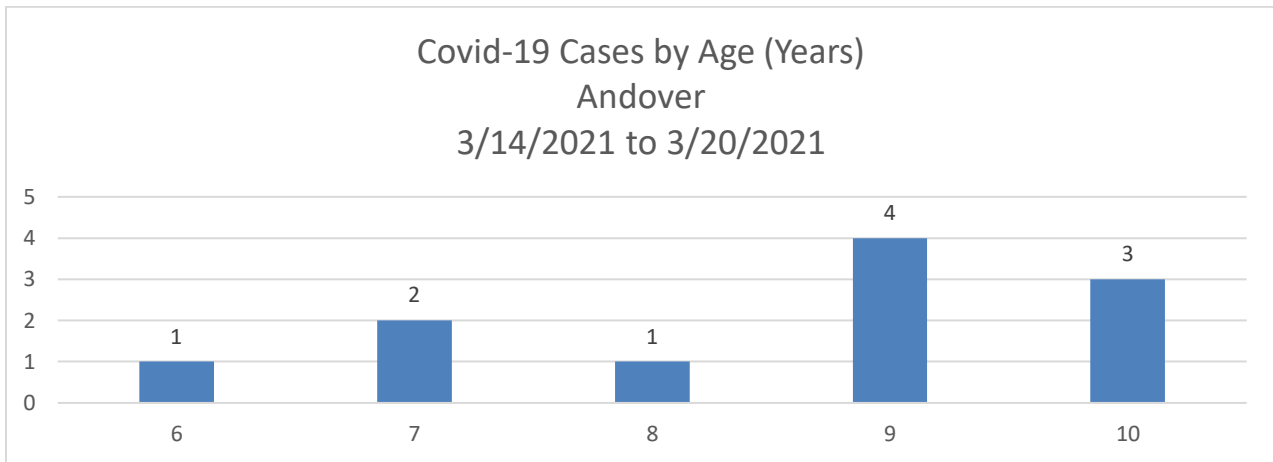
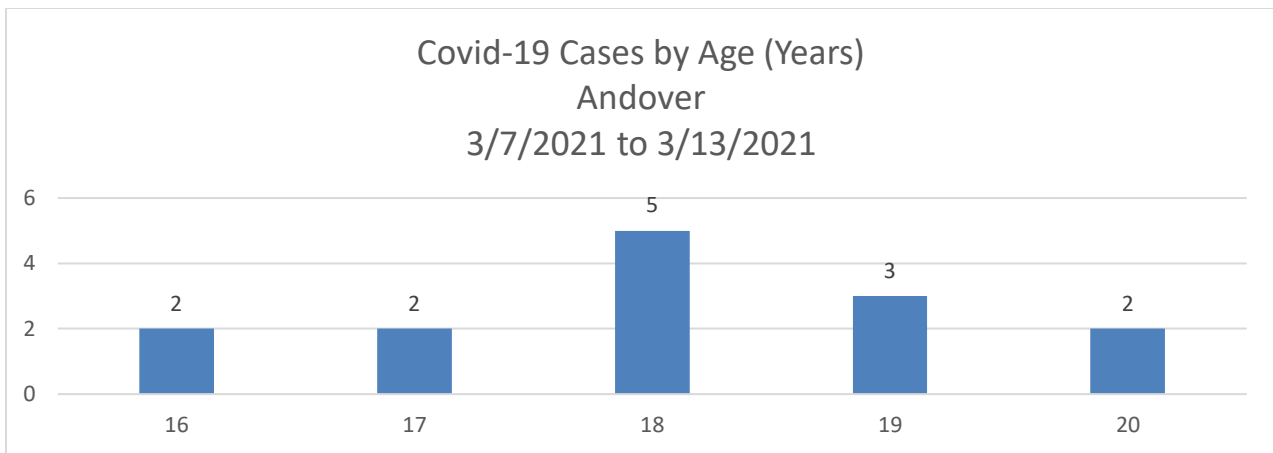


Covid-19 Cases by Age Group
Andover
3/7/2021 to 3/27/2021



Covid-19 Cases by Age Group
Andover
3/7/2021 to 3/27/2021





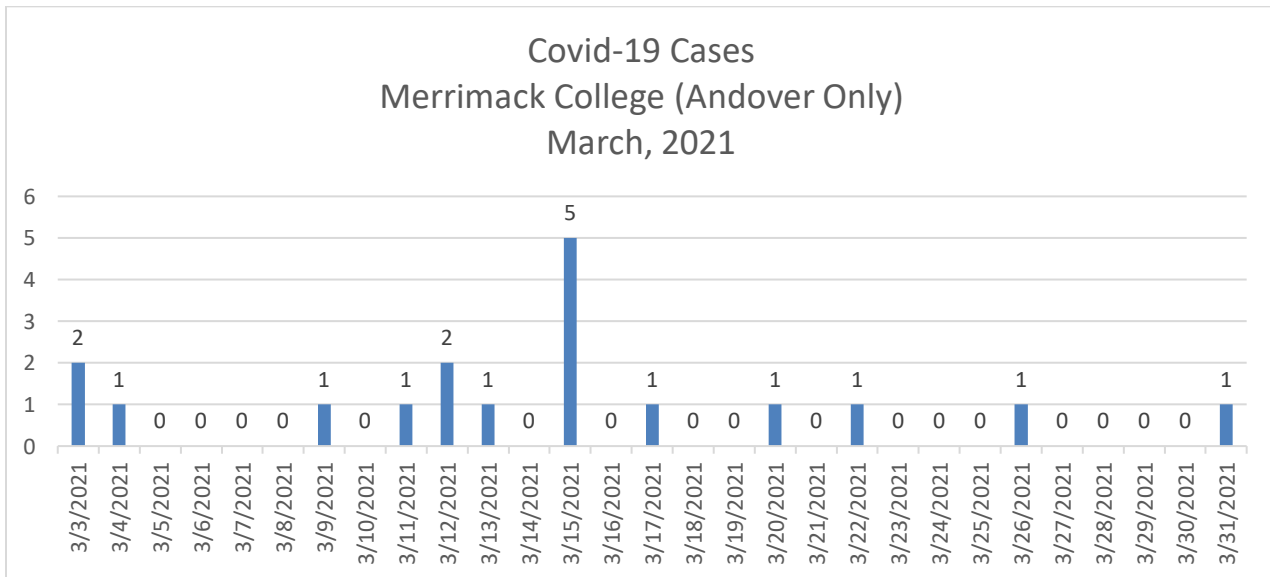
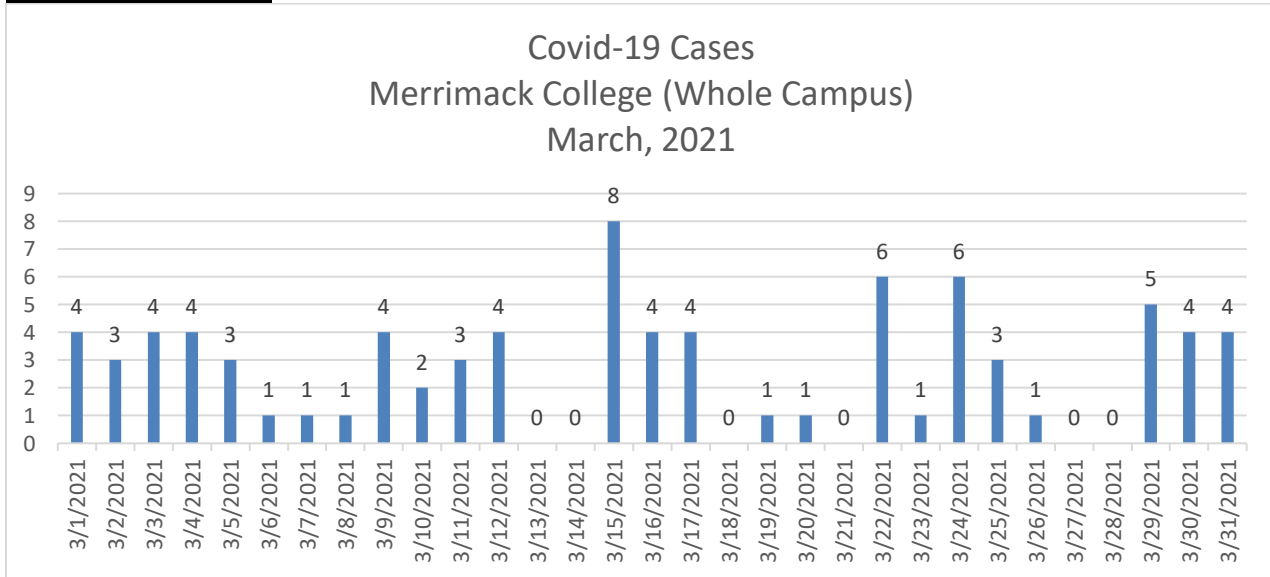
Age Range	3/7/2021	3/14/2021	3/21/2021
0 to 5	5	2	6
6 to 10	2	11	3
11 to 15	7	4	4
16 to 20	15	4	6
21 to 25	1	4	6
26 to 30	2	2	0

Age Range	3/7/2021	3/14/2021	3/21/2021
0 to 10	7	13	9
11 to 20	22	8	10
21 to 30	3	6	6
31 to 40	3	7	12
41 to 50	4	12	10
51 to 60	8	7	11
61 to 70	3	3	3
> 70 years	1	0	0

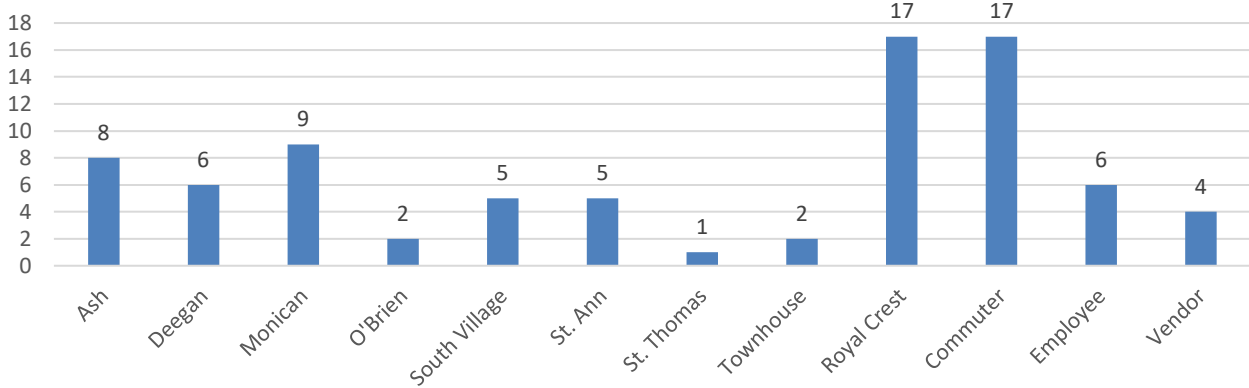
Observations:

- It is evident that the current surge began during the week of March 7th.
- For the month of March, the age group 16 to 20 years had the most cases, with ages 18, 19, and 20 years having the most cases. 14 of those cases are associated with Merrimack College.
- The number of cases in ages over 70 years is very low, indicating that vaccination efforts are having a positive impact.
- In the 3 week look back for this review period, we note that the highest number of cases during the week of March 7th was in the 16 to 20 year range; that breaks down to a high of 5 cases for 18 year old persons; 2 of those cases are associated with Merrimack College. There were 5 total cases of 14 that were associated with the College.
- During the week of March 14th, the age group of 6 to 10 years had the highest case count; 7 of the 11 cases were in ages 9 and 10 years.
- Household spread continues to account for most of Andover’s cases.

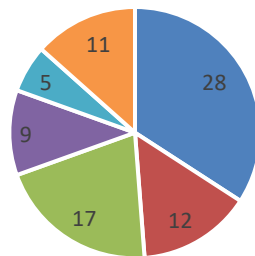
Merrimack College



Covid-19 Cases by Residence Area
Merrimack College
March, 2021



Covid-19 Cases
Merrimack College (Full Campus)
March, 2021



■ Freshman
 ■ Sophomore
 ■ Junior
 ■ Senior
 ■ Grad
 ■ Other

Observations:

- While Andover cases had a spike mid-month, the distribution of cases overall has been good.
- Royal Crest Apartments has the highest concentration of cases for the school.
- Freshman make up the highest percentage of total cases.