



TOWN OF ANDOVER

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COVID-19 DATA REVIEW December 11 2020

Data from Weekly Covid-19 Dashboard 12/10/2020

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	1007	228	45.16	Higher	45077	4898	257	5.25%	Higher
Haverhill	3340	805	87.20	Higher	71332	9472	914	9.65%	Higher
Lawrence	10529	1975	160.80	Higher	110402	14345	2448	17.07%	Higher
Lynnfield	427	134	82.56	Higher	13029	2092	147	7.03%	Higher
Methuen	3263	802	106.41	Higher	56117	7900	974	12.33%	Higher
N. Andover	1177	239	56.36	Higher	77514	5217	264	5.06%	Higher
N. Reading	469	94	40.31	Higher	16689	2352	114	4.85%	Higher
Reading	657	120	30.97	Higher	25415	3411	138	4.05%	Higher
Tewksbury	1335	303	70.21	Higher	36988	4817	343	7.12%	Higher
Wilmington	776	185	54.02	Higher	19949	2659	203	7.63%	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
11/6/2020	490	57	11.3	Higher	29800	5314	64	1.20%	Higher
11/12/2020	565	100	19.8	Higher	32868	5926	111	1.87%	Higher
11/19/2020	682	181	35.8	Higher	36385	6665	208	3.12%	Higher
11/27/2020	765	207	41.0	Higher	10123	6879	246	3.58%	Higher
12/3/2020	849	164	32.5	Lower	42069	5482	201	3.67%	No Change
12/10/2020	1007	228	45.16	Higher	45077	4898	257	5.25%	Higher
State 12/10/2020	259324	48789	50.00	Higher	9181066	1055707	55403	5.25%	Higher

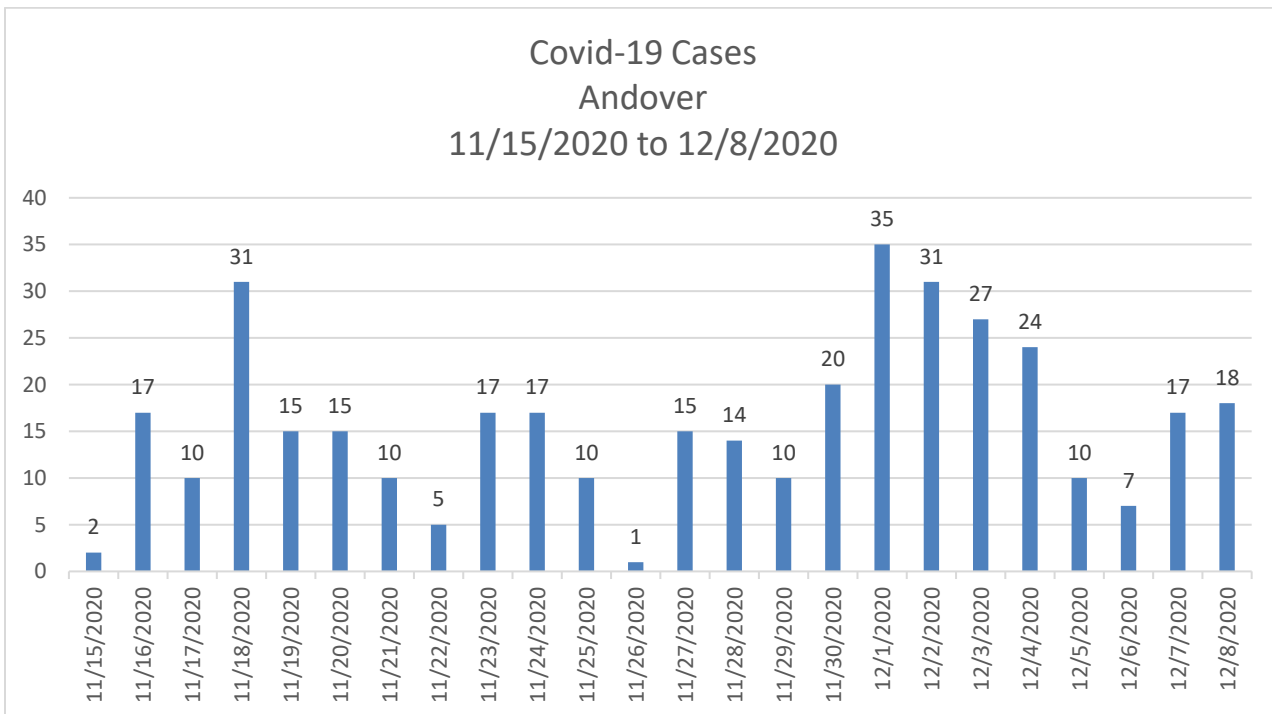
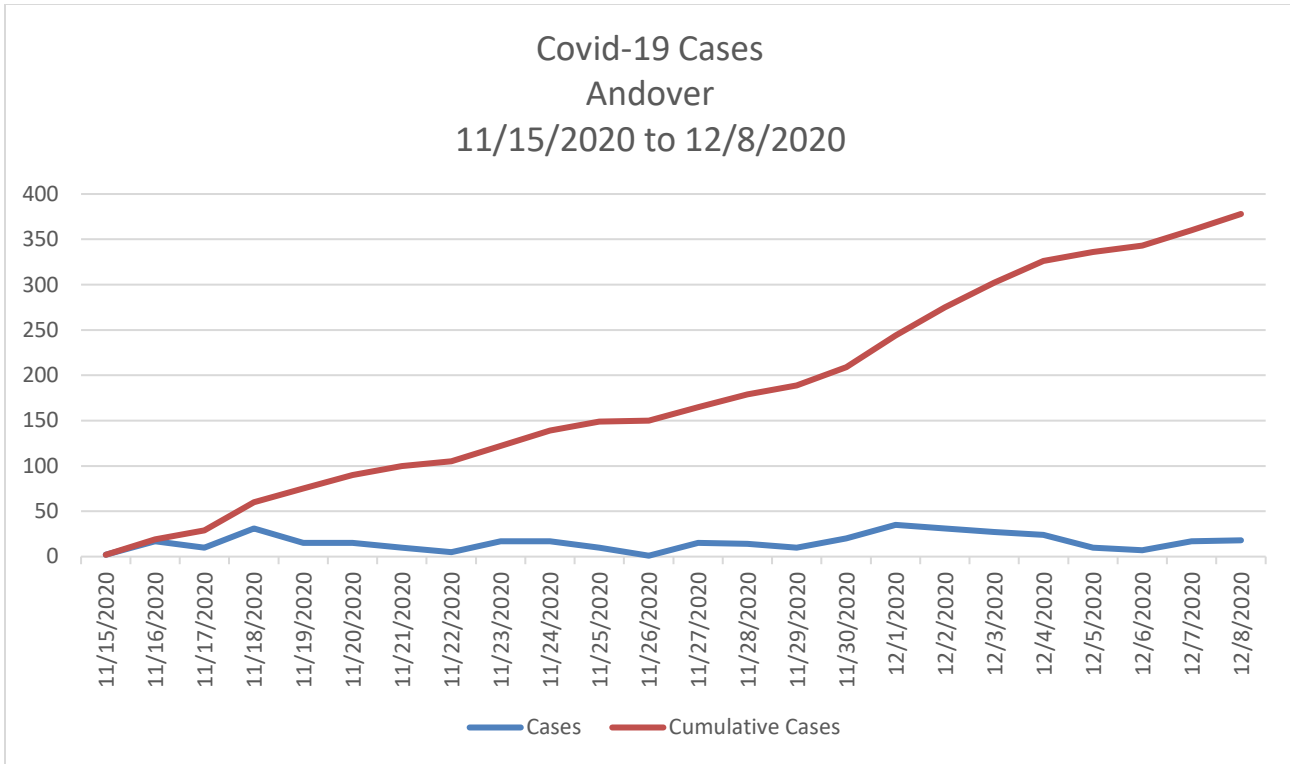
This table contains state-wide data & is intended to provide the reader with background on what type of cluster events are being noted.

Exposure Setting	New Clusters		
	(Identified 11/8 – 12/5)		
Exposure Setting	Clusters	Confirmed Cases	Close Contacts
24/7 Congregate Settings	32	186	39
Child Care	100	283	467
Colleges & Universities	11	79	16
Corrections	5	186	.
Hospitals	13	191	14
Household	12,583	31,921	---
Industrial Settings	19	71	12
K-12 Schools	29	121	131
Long Term Care Facilities	150	1,437	---
Offices	2	4	5
Organized Athletics/Camps	8	31	77
Other	2	24	.
Other Food Establishments	2	5	1
Other Healthcare	7	40	35
Other Workplaces	15	70	47
Places of Worship	3	15	1
Recreation/Cultural	2	17	.
Restaurants & Food Courts	18	105	109
Retail & Services	11	28	8
Senior Living	34	159	126
Shelters	1	2	9
Social Gatherings	25	134	71
Travel & Lodging	.	.	.
TOTAL	13,072	35,109	1,168

Observations:

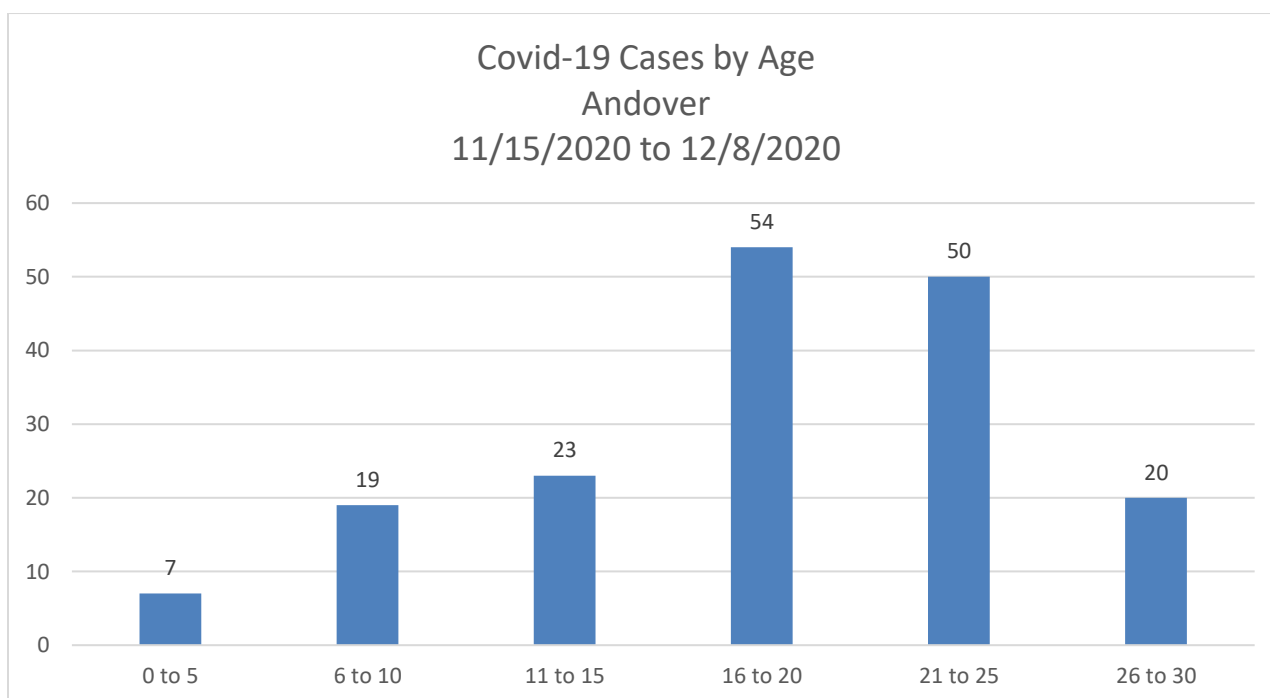
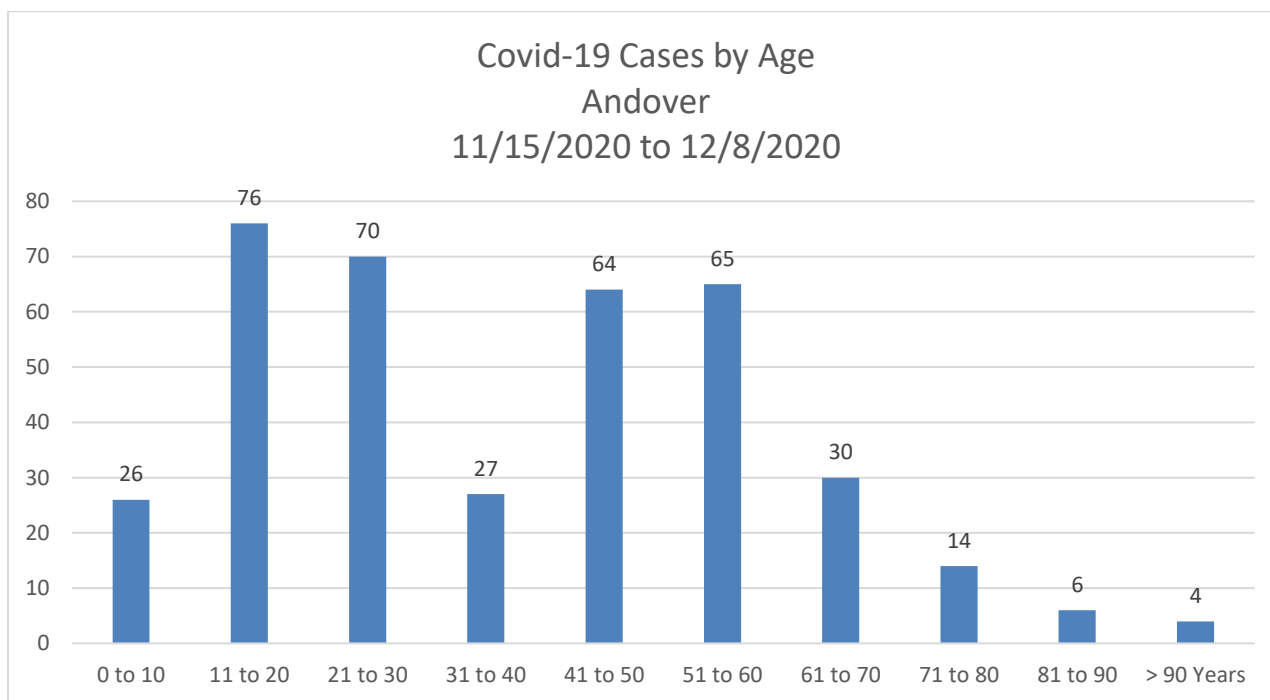
- Andover has been designated as a High Risk Community as its positivity rate exceeds 5% of tests in the time period.
- Total tests for the two week period in the community have dropped the past two weeks.
- In our region, only Reading and North Reading remain in “yellow”.

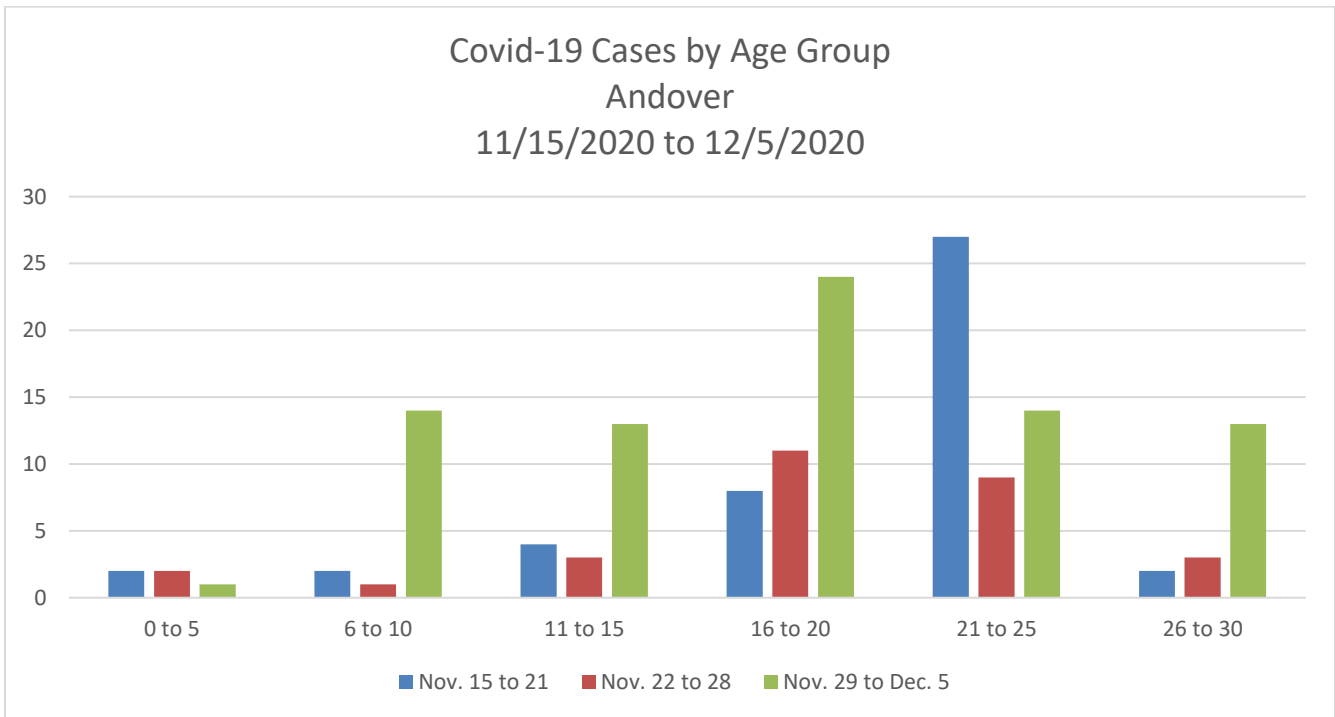
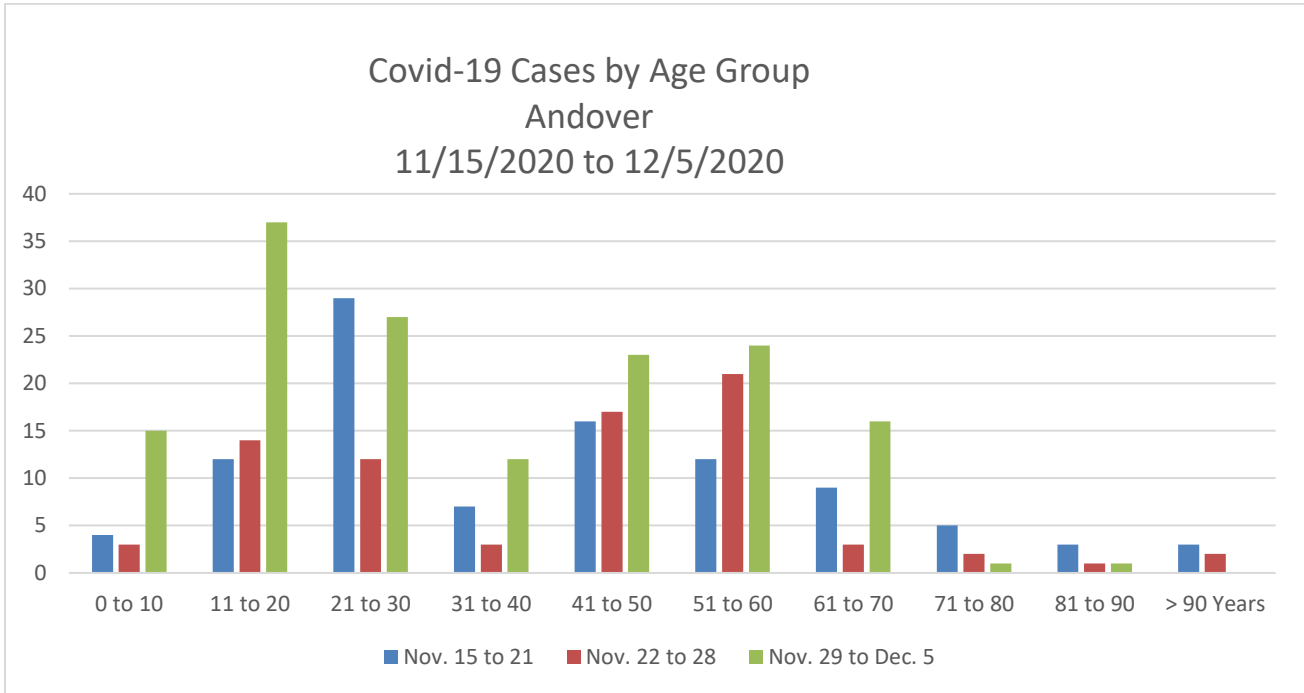
The following data was taken from MAVEN on 12/10/2020, for the dates **11/15/2020 through 12/8/2020.**



Observations

- Thanksgiving was November 26th; positive case numbers began to spike within a few days of the holiday, which is true to our observations around holidays.
- 48% of the 384 cases come from 64 households.
- 3 of the cases were identified in Stone Hill, an Assisted Living Facility.
- 7 of those cases are part of the Atria Marland Place outbreak.
- 5 of those cases are from Academy Manor, a Long Term Care Facility
- 18 of those cases come from Merrimack College.
- Since Thanksgiving, there have been no new cases at Atria or Merrimack College.





Observations

- 38% of the cases involve persons aged 11 to 30 years.
- 33.5% come in aged 41 to 60 years.
- The spike in ages 21 to 25 years during the week of November 15th is associated with the Merrimack College cluster.
- Of the 173 cases aged 0 to 30 years, 60% are between the ages of 16 and 25.