



TOWN OF ANDOVER

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COVID-19 DATA REVIEW October 8, 2020

Data from Weekly Covid-19 Dashboard 10/7/2020

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	401	25	5.0	No Change	20077	3626	30	0.83%	No Change
Haverhill	1628	184	20.0	Higher	34821	6075	210	3.46%	Higher
Lawrence	5002	435	35.2	Higher	55765	7595	538	7.08%	Higher
Lynnfield	147	12	7.4	Lower	5998	1020	14	1.37%	Lower
Methuen	1386	116	15.5	Higher	27072	3952	136	3.44%	Higher
N. Andover	568	146	34.5	Higher	36405	9889	162	1.64%	Higher
N. Reading	234	14	6.0	Higher	7422	1186	14	1.18%	Higher
Reading	349	12	3.1	Lower	12419	1879	14	0.75%	No Change
Tewksbury	677	34	7.9	Higher	17622	2671	35	1.31%	Higher
Wilmington	390	14	4.1	Higher	9760	1476	16	1.08%	No Change

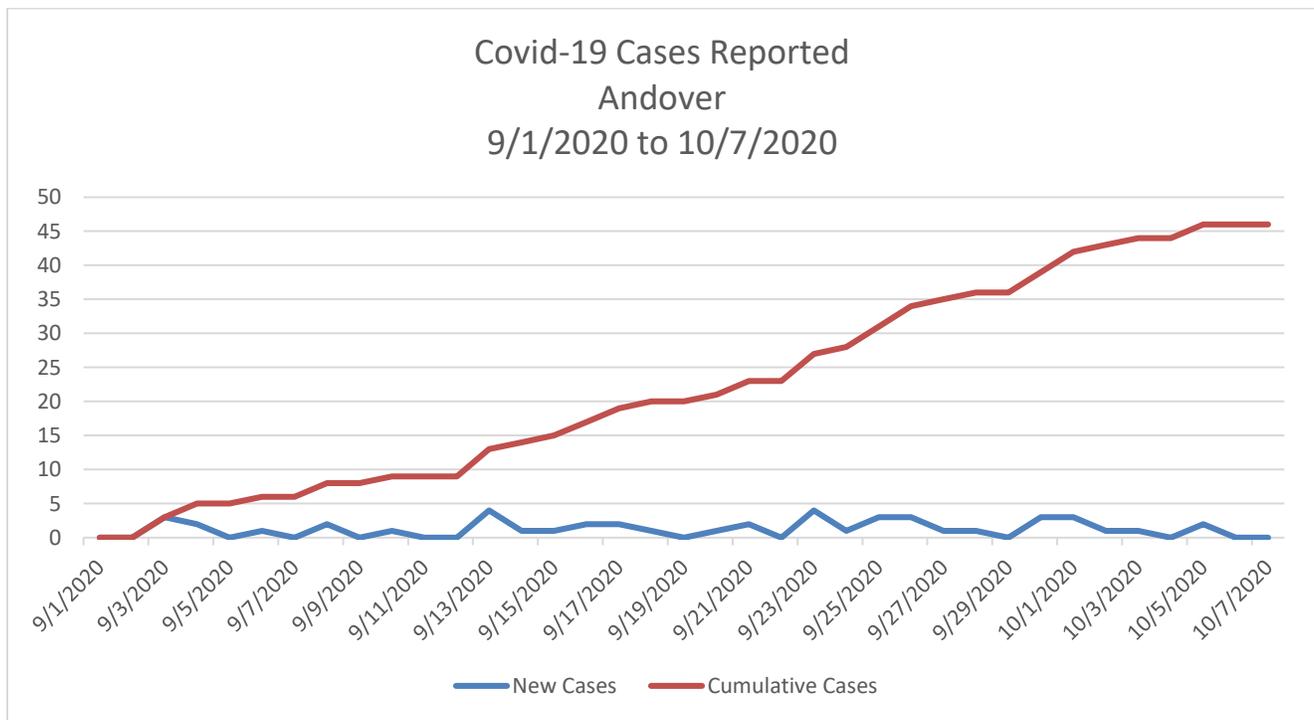
Andover Weekly Data

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
8/12/2020	337	14	2.8	Higher	8331	1489	14	0.94%	No Change
8/19/2020	345	14	2.8	Lower	9306	1697	14	0.82%	Lower
8/26/2020	351	11	2.2	Lower	10201	1743	11	0.63%	Lower
9/2/2020	354	9	1.8	Higher	11368	1860	10	0.54%	No Change
9/9/2020	361	13	2.6	Higher	13020	2732	14	0.51%	No Change
9/16/2020	366	10	2.0	Lower	14394	2963	10	0.34%	Lower
9/23/2020	376	15	3.0	Higher	16171	3033	16	0.53%	Higher
9/30/2020	390	26	5.2	Higher	18091	3337	28	0.84%	Higher
10/7/2020	401	25	5.0	No Change	20077	3626	30	0.83%	No Change
State 10/7/2020	133868	7166	7.3	Higher	4478131	817884	8471	1.04%	Higher

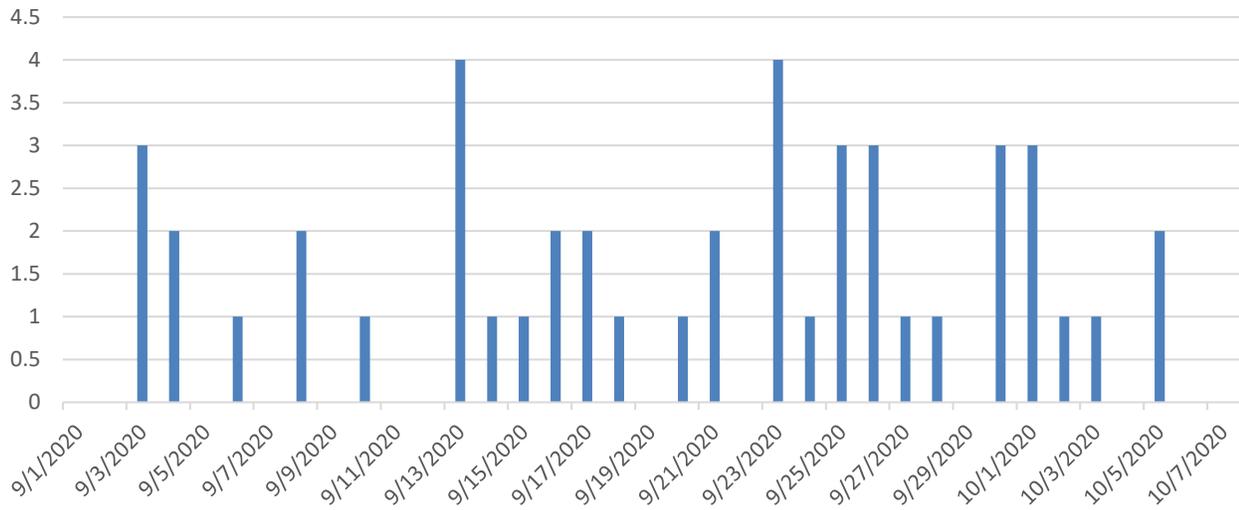
Observations:

- North Andover’s case count for the past two weeks has been heavily influenced by the outbreak at Merrimack College. Note that all cases associated with Merrimack College are reported as North Andover cases, as that is the mailing address of the institution.
- For Andover, the 14-day test total has increased steadily, meaning that more people each week are seeking to be tested.
- The state’s weekly data pull occurs on Wednesday morning at 10:00 AM; it is a snapshot in time that may not necessarily reflect the actual known data for the community. The data is constantly adjusted as positive cases are reassigned to communities where the case actually resides. For example, Andover has had some college students living in other states for several weeks test positive; when those cases are reported here, they are reassigned to the jurisdiction where those students currently reside. **AS OF October 7, 2020, OUR ACTUAL POSITIVE CASE NUMBER IS 398.**

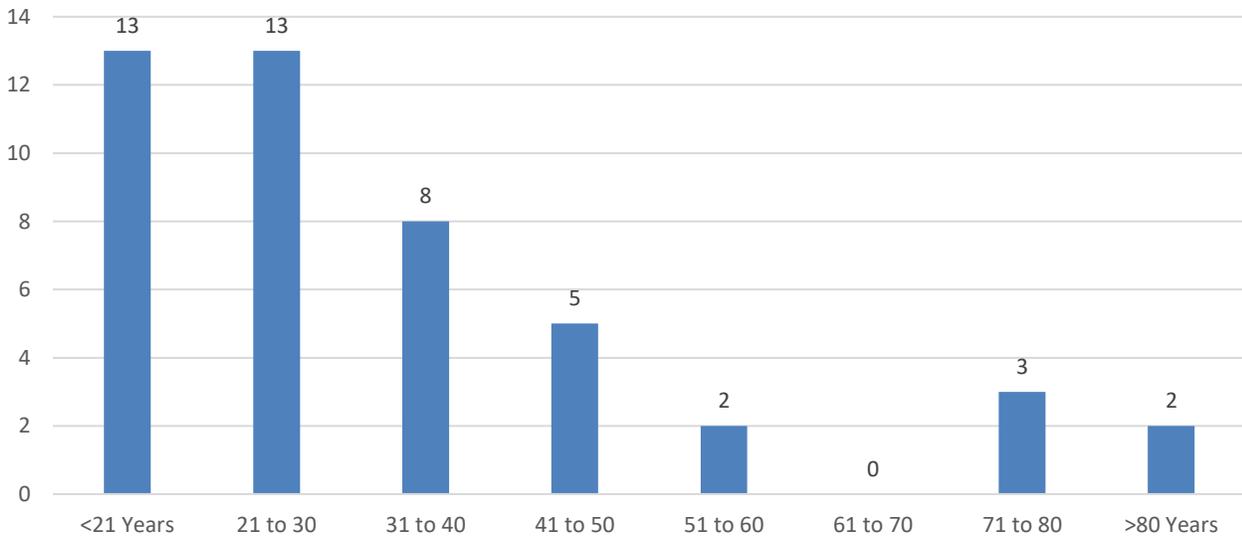
The following graphs reflect data obtained from MAVEN on 10/8/2020.

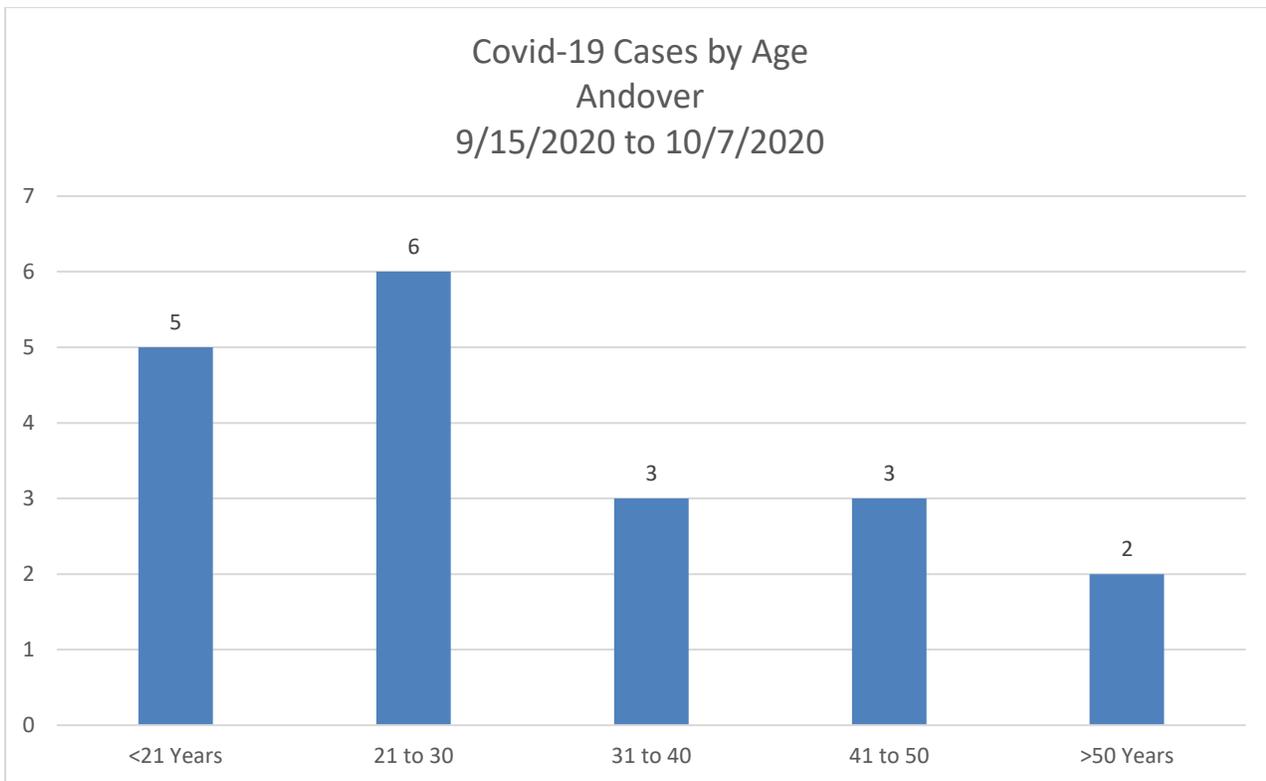


Covid-19 Cases by Day
Andover
9/1/2020 to 10/7/2020



Covid-19 Cases by Age
Andover
9/1/2020 to 10/7/2020





Observations:

- Andover’s case rate has stabilized, but it is too early to tell if this is a positive trend.
- Since Sept. 15th, 11 of our 19 cases were in persons under the age of 30.
- Since Sept. 15th, 8 of those 19 cases are from 4 households.
- To the best of our knowledge, none of the cases are associated with the Merrimack College cluster.
- Contact tracing has become more involved as our society has opened up. More activities mean more potential exposures; this is increasing the workload of those completing the contact tracing.
- Beyond the Merrimack College cluster, we are not seeing any particular cause of transmission within the community.
- In conversations with other communities, we are seeing increased risk within athletic programs; organizers are cautioned to ensure that all safety precautions are implemented to mitigate the increased risk of transmission.