



# TOWN OF ANDOVER

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## COVID-19 DATA REVIEW October 30, 2020

### Data from Weekly Covid-19 Dashboard 10/29/2020

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	447	33	6.5	Higher	26968	4633	41	0.88%	Higher
Haverhill	1811	111	12.0	Lower	45628	6622	150	2.27%	No Change
Lawrence	5991	652	52.8	Higher	70453	9465	876	9.26%	Higher
Lynnfield	172	22	13.5	Higher	7810	1169	27	2.31%	Higher
Methuen	1616	170	22.7	Higher	34343	4820	206	4.27%	Higher
N. Andover*	658	60	14.2	Higher	52154	10064	74	0.74%	Higher
N. Reading	254	13	5.6	Higher	9742	1535	17	1.11%	Higher
Reading	375	23	6.0	Higher	15761	2146	25	1.16%	Higher
Tewksbury	733	51	11.8	Higher	23379	3839	56	1.46%	Higher
Wilmington	430	30	8.8	Higher	12496	1794	35	1.95%	Higher

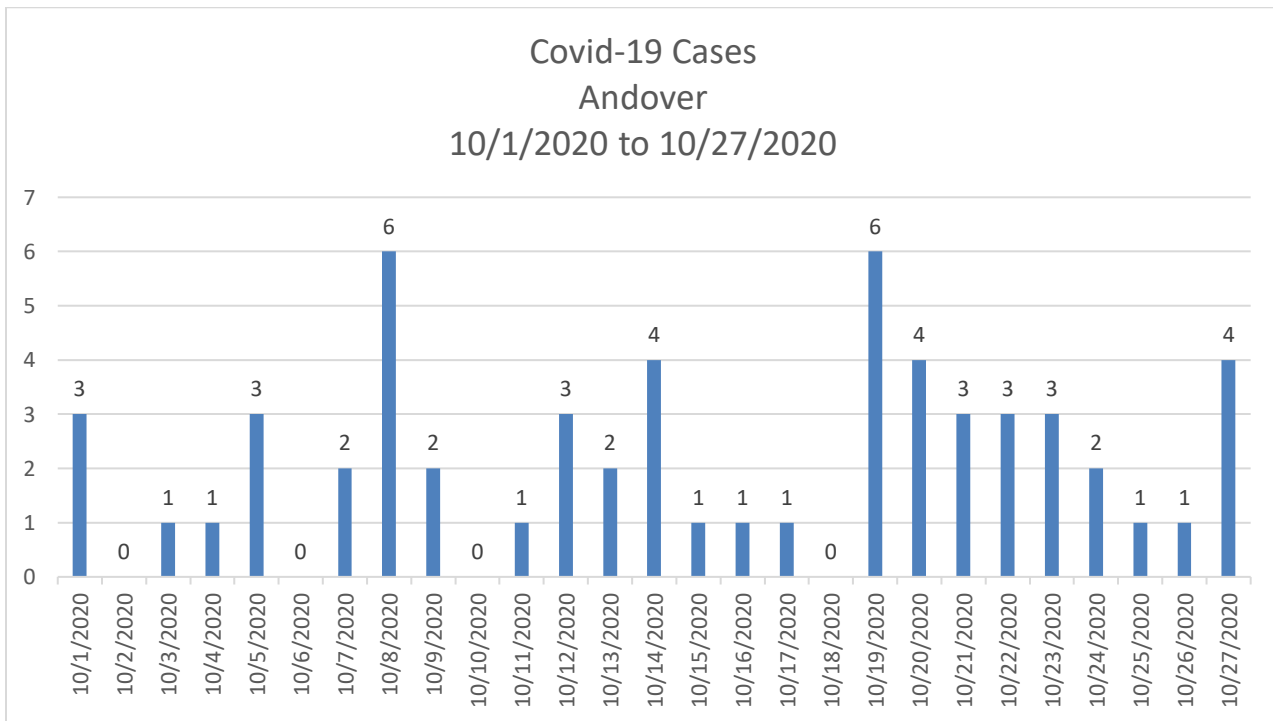
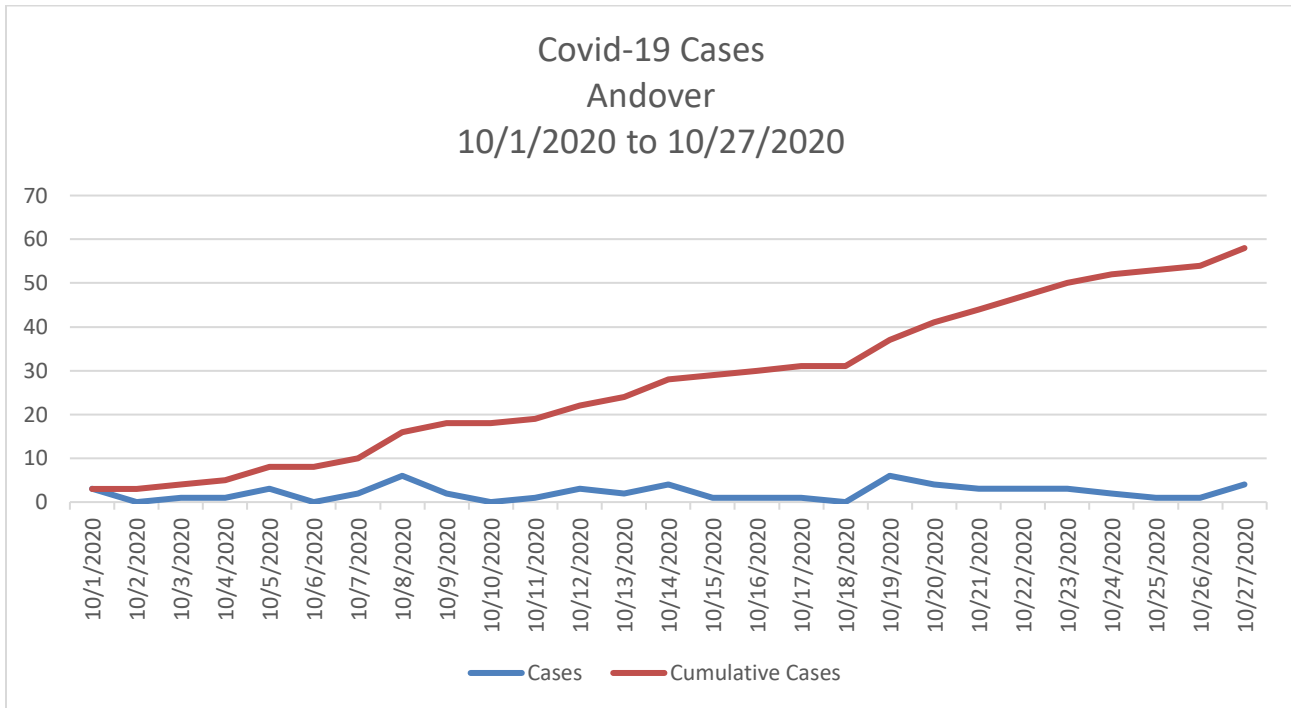
### Andover Weekly Data

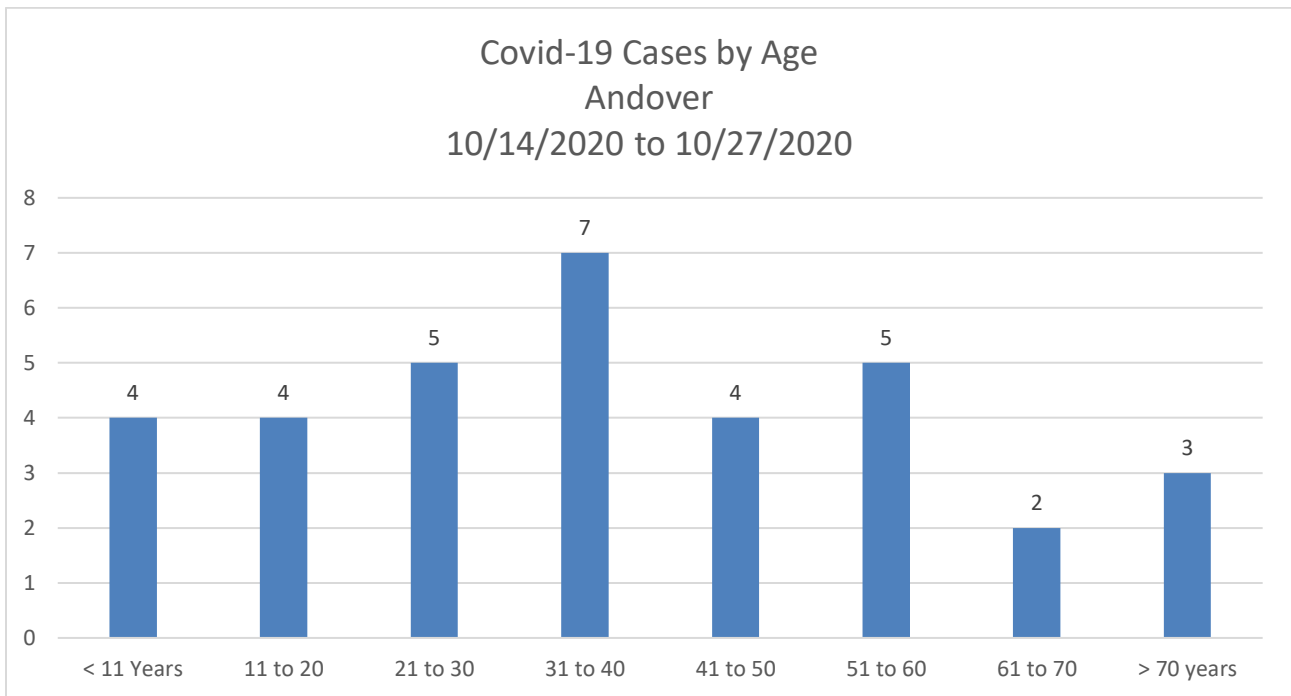
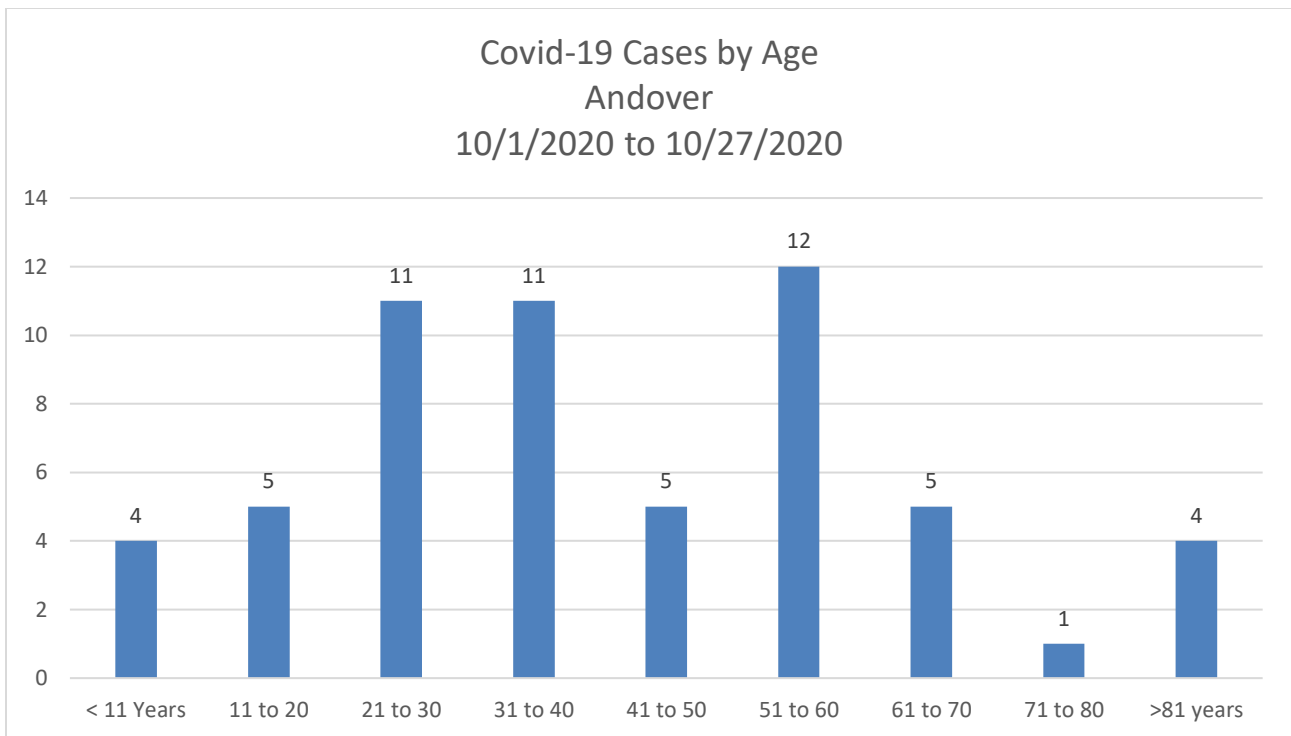
Date	Total Case Count	Case Count (Last 14 Days)	Avg. Daily Incident Rate per 100,000 (last 14 days)	Relative Change in Case Counts	Total Tests	Total Test (last 14 days)	Total Positive Tests (last 14 days)	% Positivity (Last 14 Days)	Change in Percent Positivity
9/23/2020	376	15	3.0	Higher	16171	3033	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
10/14/2020	415	23	4.6	No Change	22161	4114	30	0.73%	No Change
10/22/2020	427	26	5.2	Higher	24336	4296	33	0.77%	No Change
10/29/2020	447	33	6.5	Higher	26968	4633	41	0.88%	Higher
State 10/29/2020	150498	11557	11.8	Higher	5865571	899970	13974	1.55%	Higher

**Observations:**

- Tewksbury & Wilmington went Red this week; it is likely Andover will follow next week.
- Testing in Andover has risen each week.
- Andover’s positivity rate is just about half of the state rate.

The following graphs reflect data obtained from MAVEN on 10/28/2020.





**Observations:**

- Of the 34 cases in the last 2-week period, 12 come from 4 different households. That is one third of the cases, showing strong household transmission.
- The cases in the last two-week period are spread out across all age ranges; there is no trend in any particular age range.

- Columbus Day Weekend was October 9<sup>th</sup> through 12<sup>th</sup>; case counts increased dramatically starting on October 19<sup>th</sup>, indicating a possible connection to social gathering transmissions from that holiday weekend.
- The period October 1 through October 27 has what appears to be a day care transmission, as well as one associated with hockey.
- The period October 1 through October 27 has 22 cases in 9 households.
- While our count includes school aged children, there is no indication that there has been any in-school transmission at this time.

**What can be done to slow the spread?**

- Wear a face covering when in public; it protects us all and decreases the chance of transmission.
- Wash your hands often and use hand sanitizer.
- Avoid large gatherings; it appears that much of the transmission in our community may be associated with gatherings.
- In a work setting, ensure that you maintain distances, and wear a face covering.
- If you don't feel well, stay home! Contact your doctor about being tested.
- If you travel out of state, either quarantine for 14 days or have yourself tested, regardless of whether the state is considered "safe" by state guidelines.