TOWN OF ANDOVER

Town Offices
36 Bartlet Street
Andover, MA 01810
(978) 623-8200
www.andoverma.gov

COVID-19 DATA REVIEW
January 16, 2021

Data from Weekly Covid-19 Dashboard 1/14/2021

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	1748	331	65.6	Higher	58725	5319	379	7.13%	Higher
Haverhill	5557	951	103.0	Higher	95880	9882	1086	10.99%	Higher
Lawrence	15391	2108	171.6	Higher	147774	14512	2644	18.22%	Lower
Lynnfield	802	120	73.9	Lower	18791	2231	144	6.45%	Lower
Methuen	5380	916	121.5	Higher	78553	8526	1081	12.68%	Higher
N. Andover	2006	310	73.1	Higher	90646	5398	378	7.00%	Lower
N. Reading	874	151	64.8	Higher	22711	2207	156	7.07%	Lower
Reading	1316	306	79.0	Higher	35766	4038	329	8.15%	Higher
Tewksbury	2299	420	97.3	Higher	50698	5698	449	7.88%	Lower
Wilmington	1516	318	92.9	Higher	28060	3312	340	10.27%	Lower

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
12/10/2020	1007	228	45.16	Higher	45077	4898	257	5.25%	Higher
12/17/2020	1154	288	57.0	Higher	48022	5533	331	5.98%	Higher
12/24/2020	1285	258	51.1	Lower	50911	5437	315	5.79%	Lower
12/31/2020	NO	DATA	THIS	WEEK	---	---	---	---	---
1/7/2021	1584	286	56.6	Higher	55714	4780	331	6.92%	Higher
1/14/2021	1748	331	65.6	Higher	58725	5319	379	7.13%	Higher
State 1/14/2021	427752	76054	78	Higher	11944985	1069689	85470	7.99%	Higher

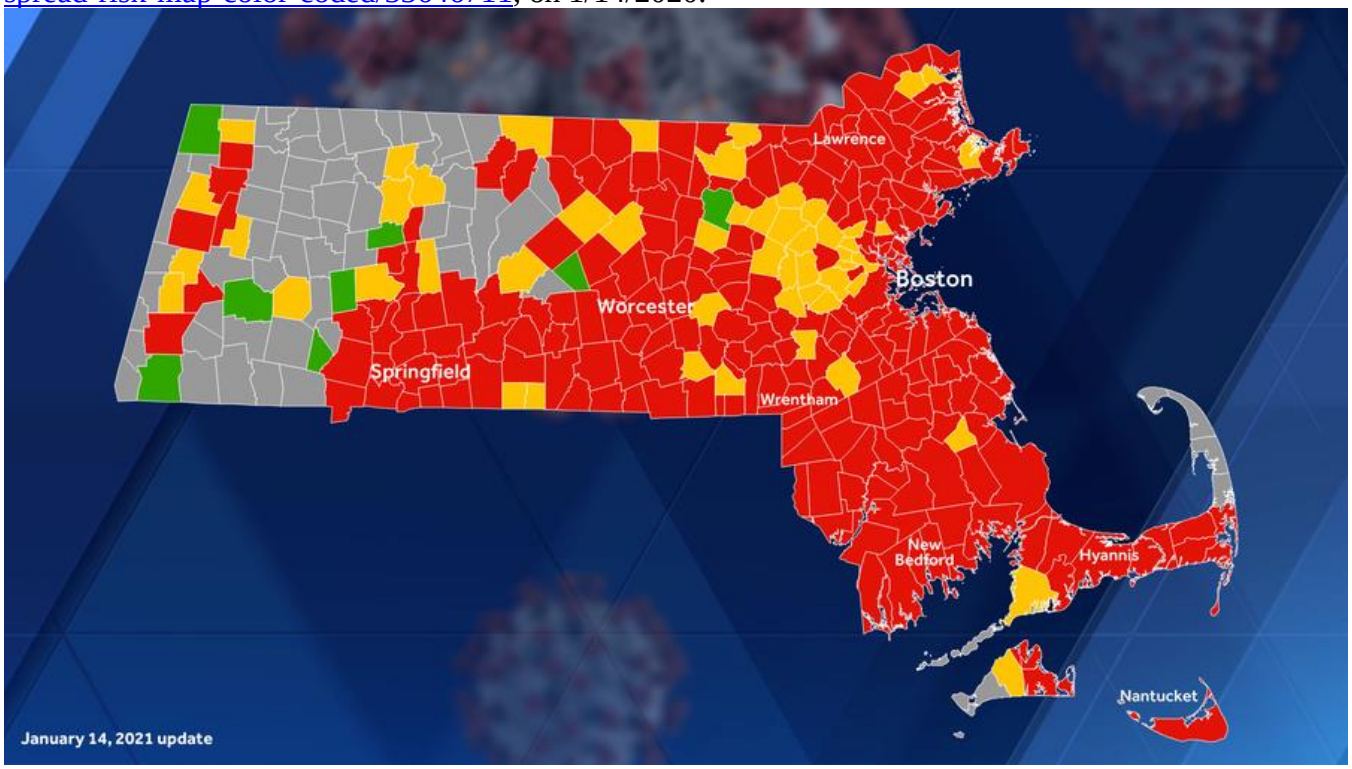
This table contains state-wide data & is intended to provide the reader with background on what type of cluster events are being noted.

	New Clusters (Identified 12/13 – 1/9)		
Exposure Setting	**Clusters**	**Confirmed Cases**	**Close Contacts**
24/7 Congregate Settings	51	232	52
Child Care	111	344	390
Colleges & Universities	6	45	7
Corrections	5	82	.
Hospitals	20	166	54
Household	21,558	55,102	---
Industrial Settings	13	49	29
K-12 Schools	6	16	25
Long Term Care Facilities	97	907	---
Offices	8	22	15
Organized Athletics/Camps	26	110	231
Other	3	27	8
Other Food Establishments	2	11	.
Other Healthcare	13	47	17
Other Workplaces	14	45	5
Places of Worship	6	29	2
Recreation/Cultural	1	32	3
Restaurants & Food Courts	13	58	34
Retail & Services	19	76	28
Senior Living	42	319	83
Shelters	2	53	41
Social Gatherings	33	219	86
Travel & Lodging	1	2	.
TOTAL	22,050	57,993	1,110

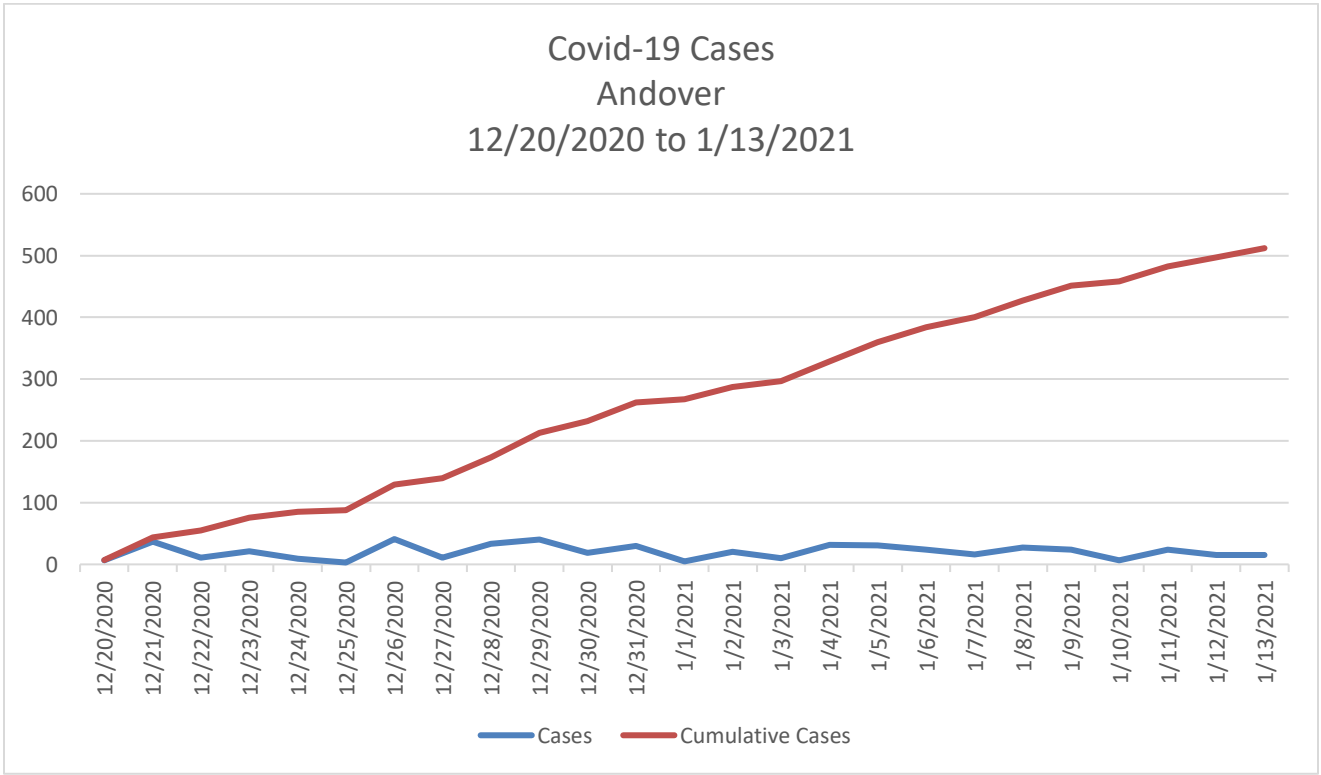
Observations:

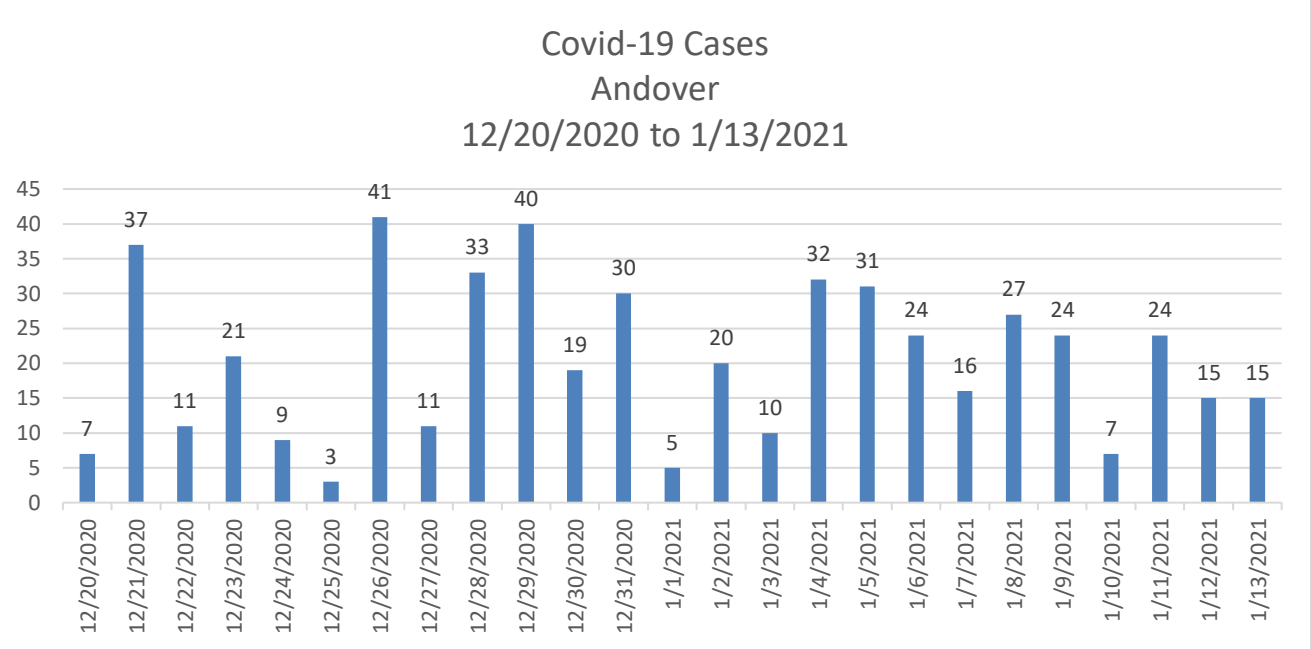
- Andover's positivity rate continues to rise.
- Statewide cluster data shows the highest number of clusters to be associated with daycare and long term care facilities.

This map is from https://www.wcvb.com/article/massachusetts-coronavirus-covid-19-community-spread-risk-map-color-coded/33646711, on 1/14/2020.



The following data was taken from MAVEN on 1/7/2021, for the dates **12/20/2020 through 1/13/2021**.




Covid-19 Cases
Andover
12/20/2020 to 1/13/2021
45
40
35
30
25
20
15
10
5
0
7
37
11
21
9
3
41
11
33
40
19
30
5
20
10
32
31
24
16
27
24
7
24
15
15
12/20/2020
12/21/2020
12/22/2020
12/23/2020
12/24/2020
12/25/2020
12/26/2020
12/27/2020
12/28/2020
12/29/2020
12/30/2020
12/31/2020
1/1/2021
1/2/2021
1/3/2021
1/4/2021
1/5/2021
1/6/2021
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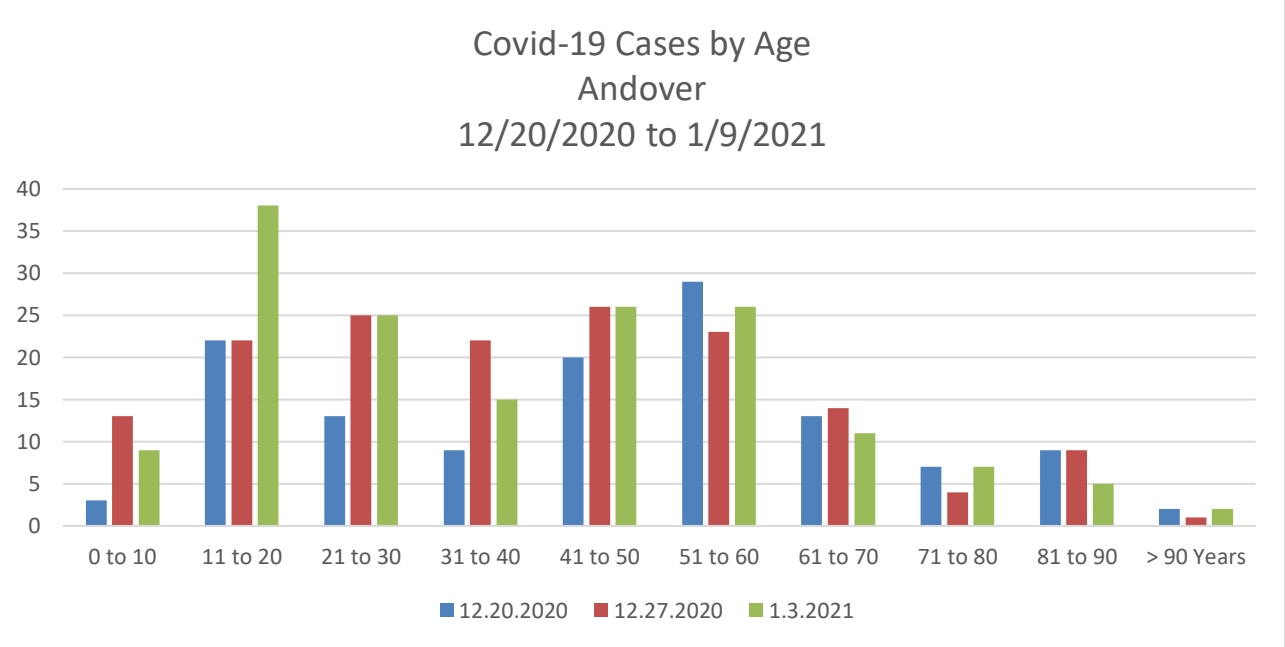
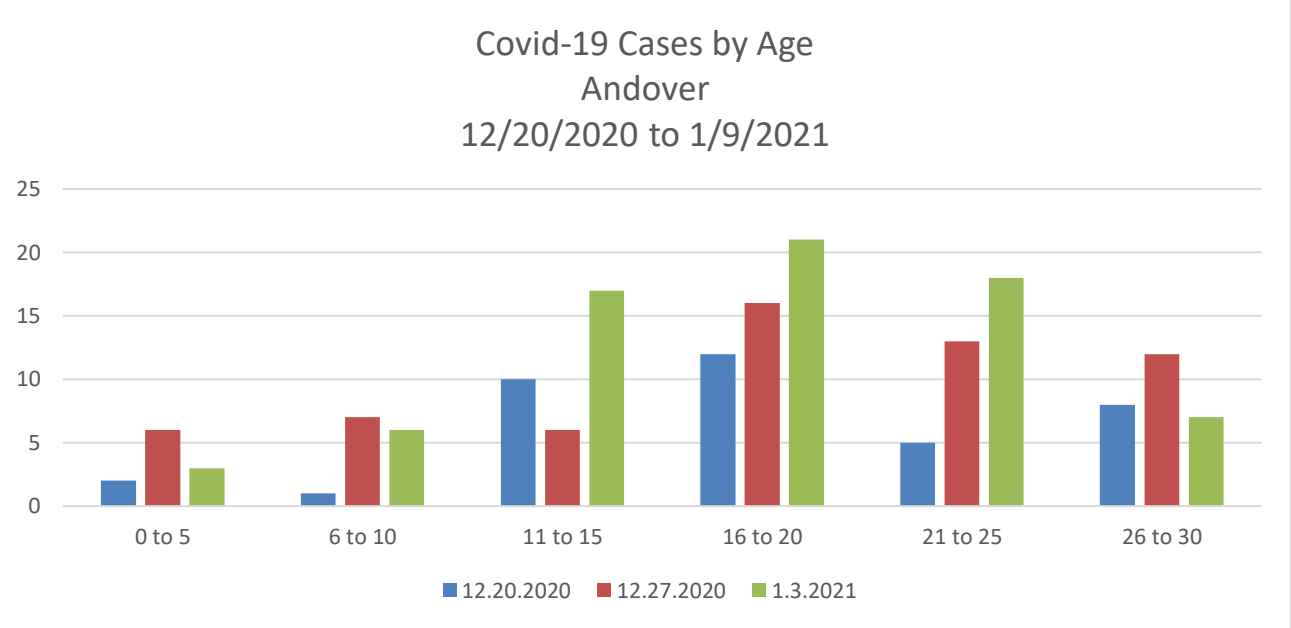
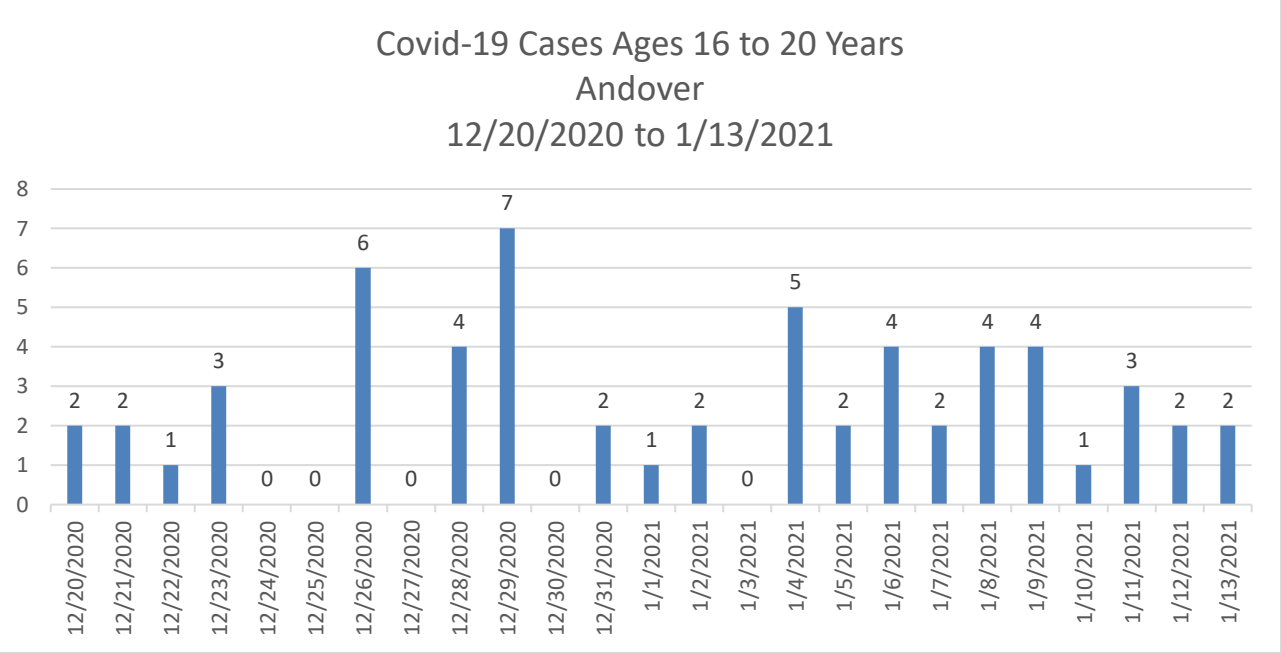
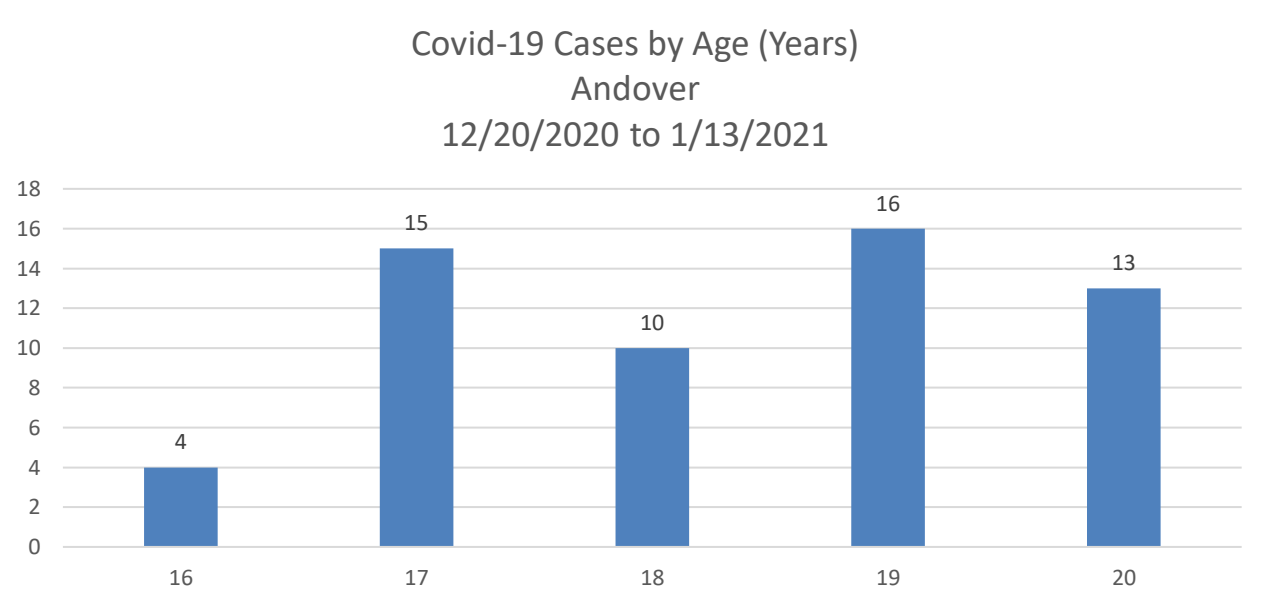
1/11/2021
1/12/2021
1/13/2021


Covid-19 Cases by Age
Andover
12/20/2020 to 1/9/2021
40
35
30
25
20
15
10
5
0
0 to 10
11 to 20
21 to 30
31 to 40
41 to 50
51 to 60
61 to 70
71 to 80
81 to 90
> 90 Years
12.20.2020
12.27.2020
1.3.2021



Age Range	12.20.2020	12.27.2020	1.3.2021
0 to 10	3	13	9
11 to 20	22	22	38
21 to 30	13	25	25
31 to 40	9	22	15
41 to 50	20	26	26
51 to 60	29	23	26
61 to 70	13	14	11
71 to 80	7	4	7
81 to 90	9	9	5
> 90 Years	2	1	2
Age Range	**12.20.2020**	**12.27.2020**	**1.3.2021**
0 to 5	2	6	3
6 to 10	1	7	6
11 to 15	10	6	17
16 to 20	12	16	21
21 to 25	5	13	18
26 to 30	8	12	7





Observations:

- Due to the holidays, testing dates have been rather inconsistent. Where we have typically seen very prominent increases in case counts 5 to 10 days following a holiday, it is harder to see any correlation due to very limited testing on Christmas and New Year Day.
- The 11 to 20 year age group showed a marked jump in cases during the first week of January.
- The overall numbers in the 16 to 20 year age group looked high, so I broke them down by year.