

	<b>Date</b>	<b>Total Number of Cases</b>	<b>Total Active Cases</b>	<b>Deaths</b>
	1/14/2022	6376	376*	93
			* 5 day isolation/active cases (not 10 days as of 12/30/21)	

Cases by age		North Andover Vaccination Rates		Vaccination Status	
Age	# of Positive Cases	Population Partially Vaccinated	% Population Fully Vaccinated	Vaccinated	NOT Vaccinated
0-4	35	-	-	-	
5-11	31	56%	46%		Due to the short week and change in guidance, this info was not tallied.
12-15	31	87%	79%		Breakthrough cases typically account for between 25-45% of daily totals.
16-19	38	70%	64%		Immunity does decrease over time and it is estimated to be down to 35%
20-29	57	89%	76%		after 6 months. A booster brings it back up to over 95% effective.
30-49	96	92%	84%		Once you are vaccinated, your body has antibodies and your immune
50-64	62	94%	86%		system is ready to fight the virus so if you do contract it, your body can
65-74	13	>95%	>95%		fight off infection much easier and quicker, which dramatically reduces
75+	13	>95%	>95%		your chance for severe symptoms and hospitalization.
<b>TOTAL</b>	376	84%	76%		<b>0.02%</b> of breakthrough cases end up in the hospital.

<b>NA Household Cluster %</b>	26%	Cases linked to household or congregate living transmission.
<b>NA Percent Positive Testing Rate:</b>	20.79%	Percent of positive tests over 14 days
<b>NA 14 Day Incidence Rate:</b>	227.1	Incidence rate is the number of new cases per 100K people. Rates are used to compare data between areas with different population sizes
<b>NA 7 Day Incidence Rate:</b>	257.4	NA rate taken over the last 7 days
<b>NA Two week Testing Number</b>	4,916	Number of tests given over 14 days to NA residents, including higher ed
<b>Total # Vaccinated in MA:</b>	5.13M	People are fully vaccinated in MA
<b>Hospitalizations in MA:</b>	3,180	COVID-19 hospital patients in MA (484 in ICU, 278 Intubated patients)

- Items to Note:**
1. The weekly case totals continue to see high and steady numbers every day. Our daily average is 75 new cases per day. We had a high of 103 cases one day this week
  2. We are seeing a post holiday spike as we have seen after previous holidays.
  3. The CDC and MADPH have changed their isolation and quarantine recommendations.
  4. You can look at DPH's new recommendations here <https://www.mass.gov/info-details/isolation-and-quarantine-guidance-for-the-general-public>
  5. The new isolation period of 5 days and is reflected in this weeks dashboard

- Omicron Variant:**
1. Variant was first detected in South Africa on 11/11/21 and is the dominant strain here in MA
  2. It is more transmissible than Delta but less severe

