



TOWN OF ANDOVER

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COVID-19 DATA REVIEW February 26, 2021

Data from Weekly Covid-19 Dashboard 2/25/2021

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	2231	108	21.4	Lower	76184	5418	132	2.44%	Lower
Haverhill	6891	248	26.9	Lower	121481	6761	303	4.48%	Lower
Lawrence	17768	488	39.7	Lower	181922	9213	651	7.07%	Lower
Lynnfield	1002	53	32.7	No Change	24573	1781	55	3.09%	Lower
Methuen	6425	224	29.7	Lower	98243	5420	287	5.30%	Lower
N. Andover	2485	85	20.0	Lower	121114	12928	103	0.80%	Lower
N. Reading	1153	69	29.6	Lower	29927	2309	74	3.20%	Lower
Reading	1700	83	21.4	Lower	47540	3641	97	2.66%	Lower
Tewksbury	2809	126	29.2	Lower	65832	4494	134	2.98%	Lower
Wilmington	1830	65	19.0	Lower	36426	2512	70	2.79%	Lower

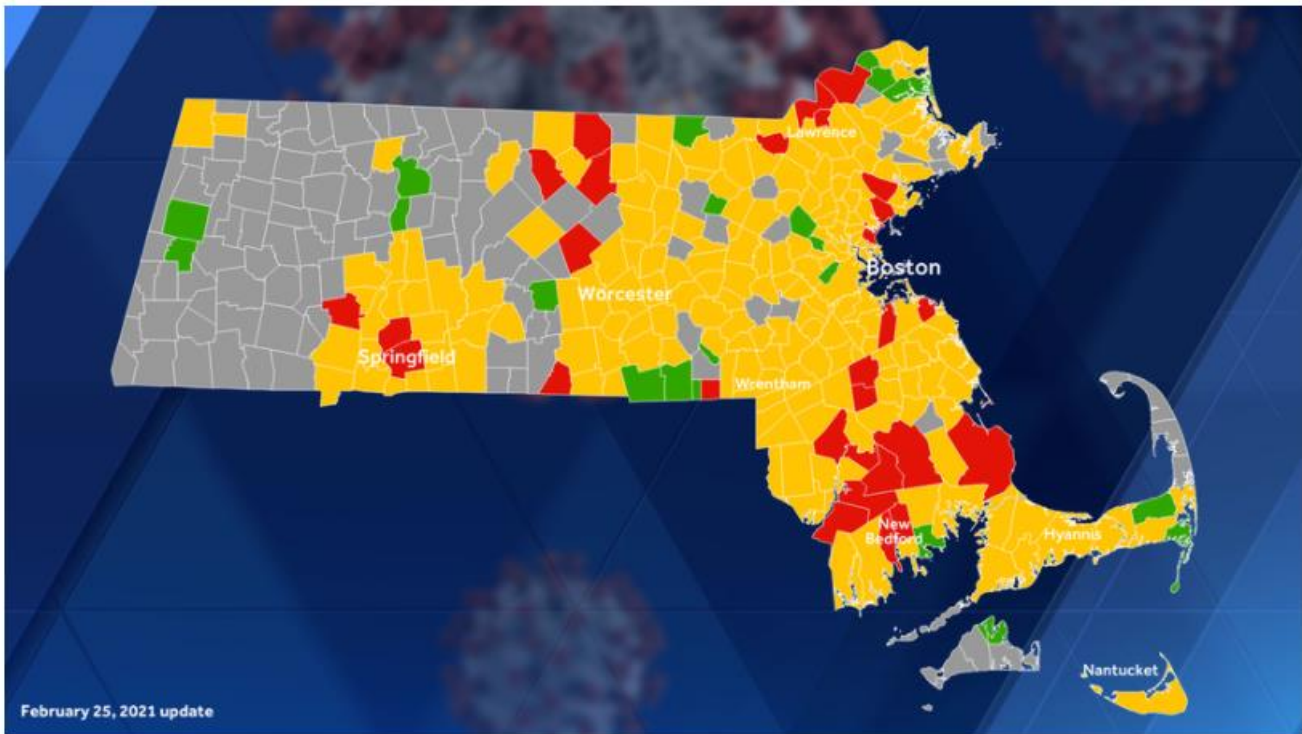
Andover Weekly Data

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
1/21/2021	1852	284	56.2	Lower	61765	6088	324	5.32%	Lower
1/28/2021	1951	209	41.4	Lower	64765	6042	241	3.99%	Lower
2/4/2021	2040	187	37.0	Lower	67929	6003	216	3.60%	Lower
2/11/2021	2129	181	35.8	Higher	70731	5709	205	3.59%	Higher
2/18/2021	2176	152	30.1	Lower	73317	5577	177	3.17%	Lower
2/25/2021	2231	108	21.4	Lower	76184	5418	132	2.44%	Lower
State 2/25/2021	543696	22732	23.3	Lower	15776531	1232633	26554	2.15%	Lower

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 1/24 – 2/20)		
	Clusters	Confirmed Cases	Close Contacts
24/7 Congregate Settings	17	53	13
Child Care	77	291	289
Colleges & Universities	42	264	49
Corrections	2	26	0
Hospitals	3	6	15
Household	8,767	22,319	---
Industrial Settings	6	34	1
K-12 Schools	13	44	72
Long Term Care Facilities	33	114	---
Offices	5	14	0
Organized Athletics/Camps	35	142	239
Other	1	2	0
Other Food Establishments	1	4	0
Other Healthcare	3	12	9
Other Workplaces	2	6	0
Places of Worship	4	34	3
Recreation/Cultural	3	16	0
Restaurants & Food Courts	9	32	7
Retail & Services	9	31	12
Senior Living	10	61	1
Shelters	1	14	0
Social Gatherings	9	45	21
Travel & Lodging	.	.	.
TOTAL	9,052	23,564	731

This map is from <https://www.wcvb.com/article/massachusetts-coronavirus-covid-19-community-spread-risk-map-color-coded/33646711> on 2/26/2021.

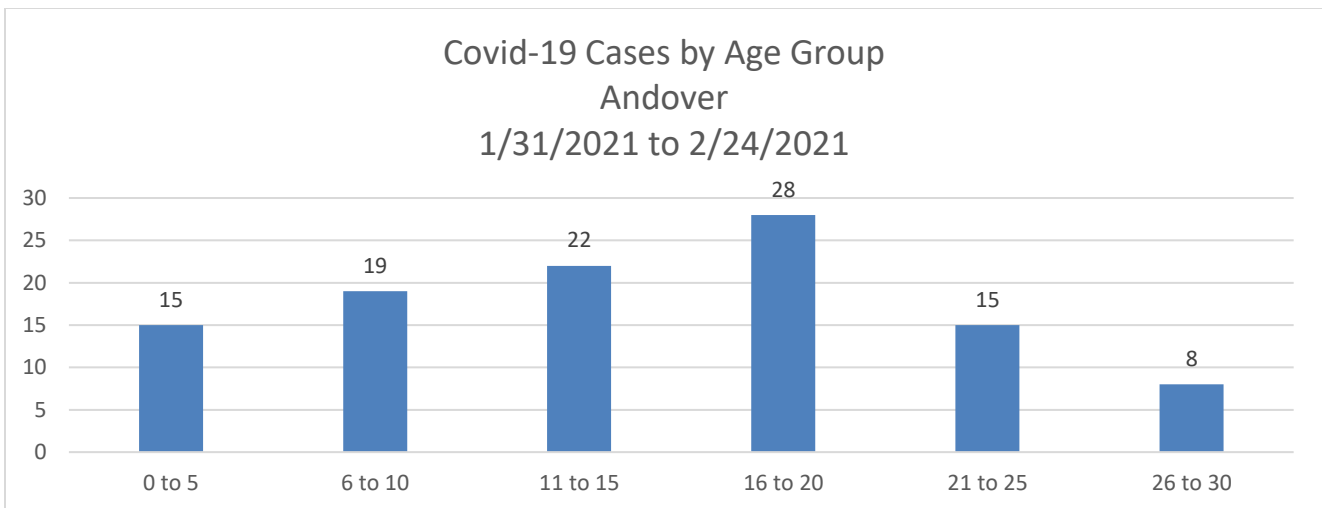
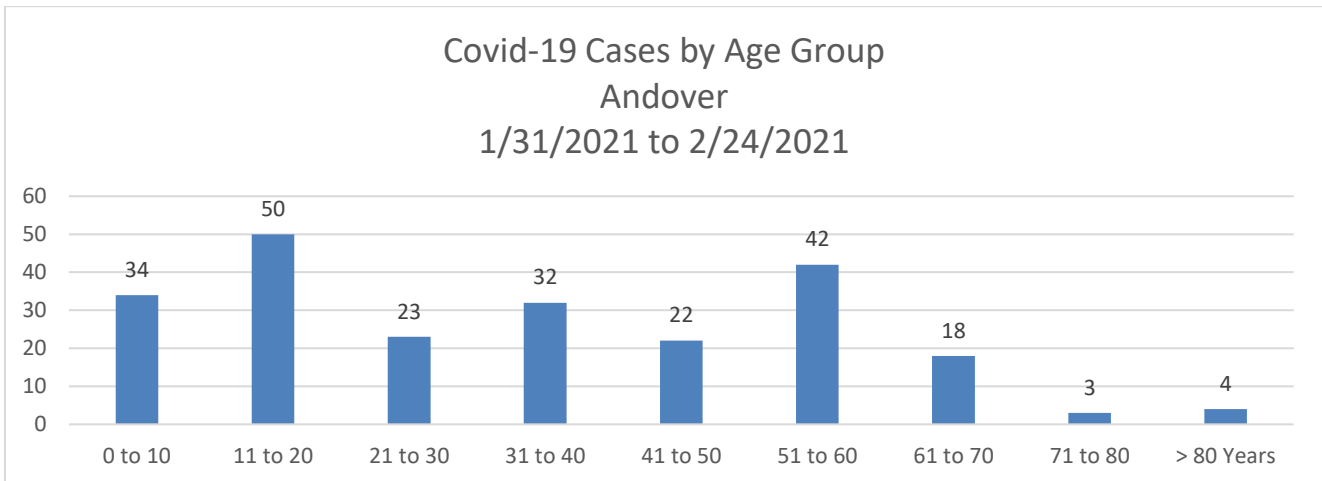
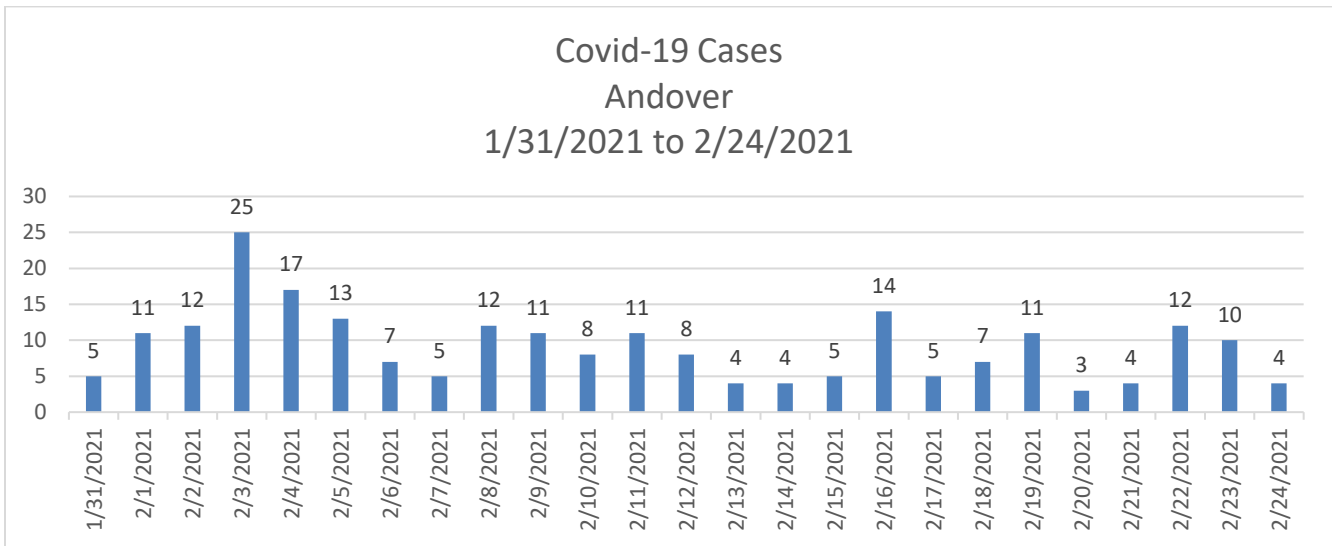


COVID-19 risk map, Feb. 25, 2021 SOURCE: WCVB

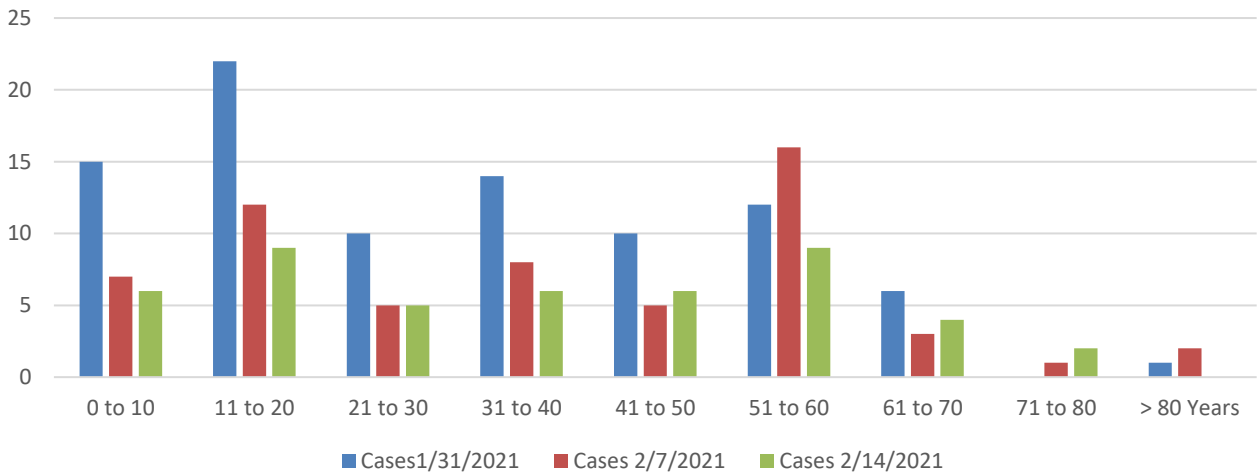
Observations:

- Case counts throughout the region continue to fall. Only the 3 cities in our comparable list continue to be high risk.
- Andover’s total tested in the past 14 days continues to drop weekly.
- North Andover’s low Positivity Rate is a result of the testing being conducted at Merrimack College; all tests are recorded as originating in North Andover, but any positive cases in Andover residence halls become part of Andover’s numbers.
- Beyond household spread, childcare transmission appears to continue to be the top setting for clusters. Colleges & Universities, and then organized sports round out the top 3 settings state-wide.

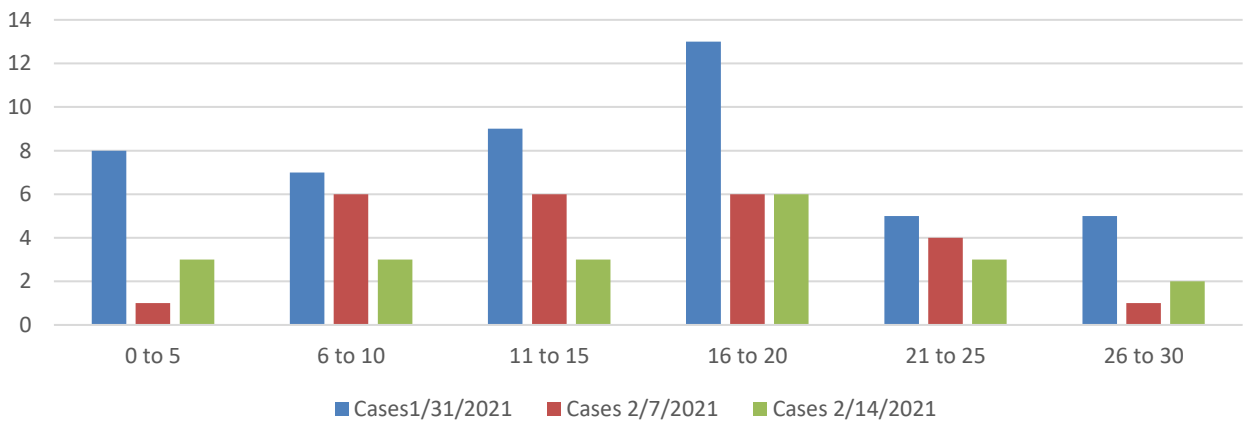
The following data was taken from MAVEN on 2/26/2021, for the dates 1/31/2021 through 2/24/2021.



Covid-19 Cases by Age Group
Andover
1/31/2021 to 2/20/2021



Covid-19 Cases by Age Group
Andover
1/31/2021 to 2/20/2021



Age Range	Cases 1/31/2021	Cases 2/7/2021	Cases 2/14/2021
0 to 5	8	1	3
6 to 10	7	6	3
11 to 15	9	6	3
16 to 20	13	6	6
21 to 25	5	4	3
26 to 30	5	1	2

Age Range	Cases 1/31/2021	Cases 2/7/2021	Cases 2/14/2021
0 to 10	15	7	6
11 to 20	22	12	9
21 to 30	10	5	5
31 to 40	14	8	6
41 to 50	10	5	6
51 to 60	12	16	9
61 to 70	6	3	4
71 to 80	0	1	2
> 80 Years	1	2	0

Observations:

- In this three week review, the highest impacted age range was 16 to 20 years; this is related to a cluster on a hockey team.
- The spike on 2/3/2021 includes 7 persons in 2 homes.
- It is too early to tell what the impact of school vacation week had on case counts; we are likely to be able to assess that next week.
- Cases dropped dramatically from the first week of this look-back to the second.
- The age group 51 to 60 years seems to consistently be among the highest groups of positive people.

VACCINE

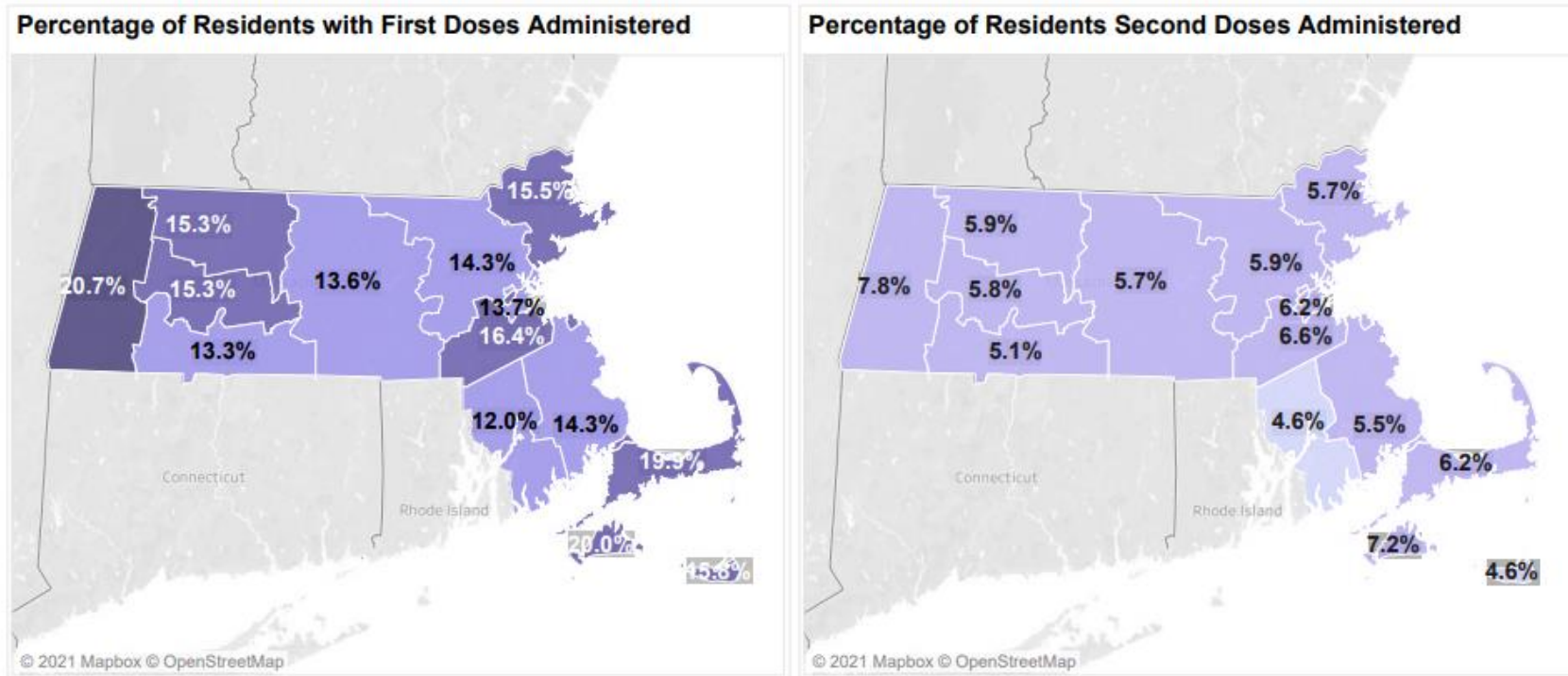
The following graphs come from the state’s Weekly Covid-19 Vaccination Report dated 2/25/2021:

Observations:

- 15.5% of the residents of Essex County have received their first dose of vaccine; only the Berkshires and Cape Cod are higher.
- 10% of the vaccinations have been completed by local Board of Health; hospitals & pharmacies have completed 63.4% of the vaccinations thus far (hospitals have been vaccinating health care professionals while pharmacies have been vaccinating long term care and other senior living facilities).
- 62.7% of those who received two doses of vaccine are aged 30 to 65 years.

Cumulative Percentage of Residents with COVID-19 Vaccine Doses Administered by County of Resident Address

Data as of February 23, 2021



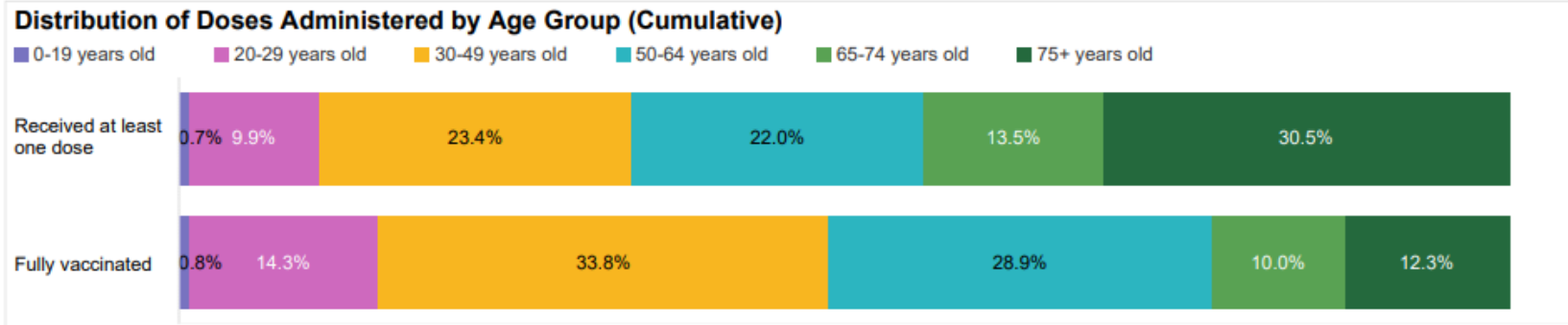
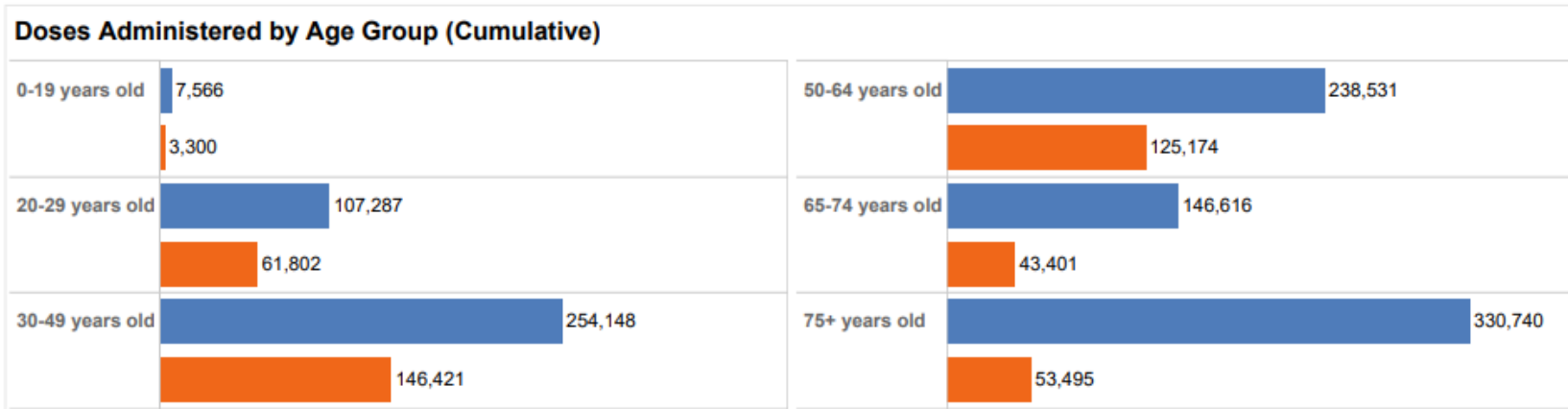
Note: Immunization data from most (but not all) providers in Massachusetts are reported into the Massachusetts Immunization Information System (MIIS) through direct messages from electronic health records or direct entry by users. Due to inputting and processing, it may take 24-48 hours or more for shipping or administration data to appear in MIIS. MIIS data are available for analysis one calendar day after they are reported to the MIIS. Duplicate patient records may be created when patient information is not entered consistently. Current COVID-19 vaccines require two doses for a person to become fully vaccinated. Individuals who are fully vaccinated are also reported as individuals who received at least one dose. Some individuals may receive a first or second dose from a non-reporting provider and would not be reflected as fully vaccinated. Some individuals may change age groups between the first and second dose if their birthdays fall in between the two doses. Doses with non-specified addresses are not included in this view. These proportions use 2019 Donohue population estimates.

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Cumulative COVID-19 Vaccine Doses Administered by Age Group

Data as of February 23, 2021

■ Individuals who received at least one dose ■ Individuals who are fully vaccinated

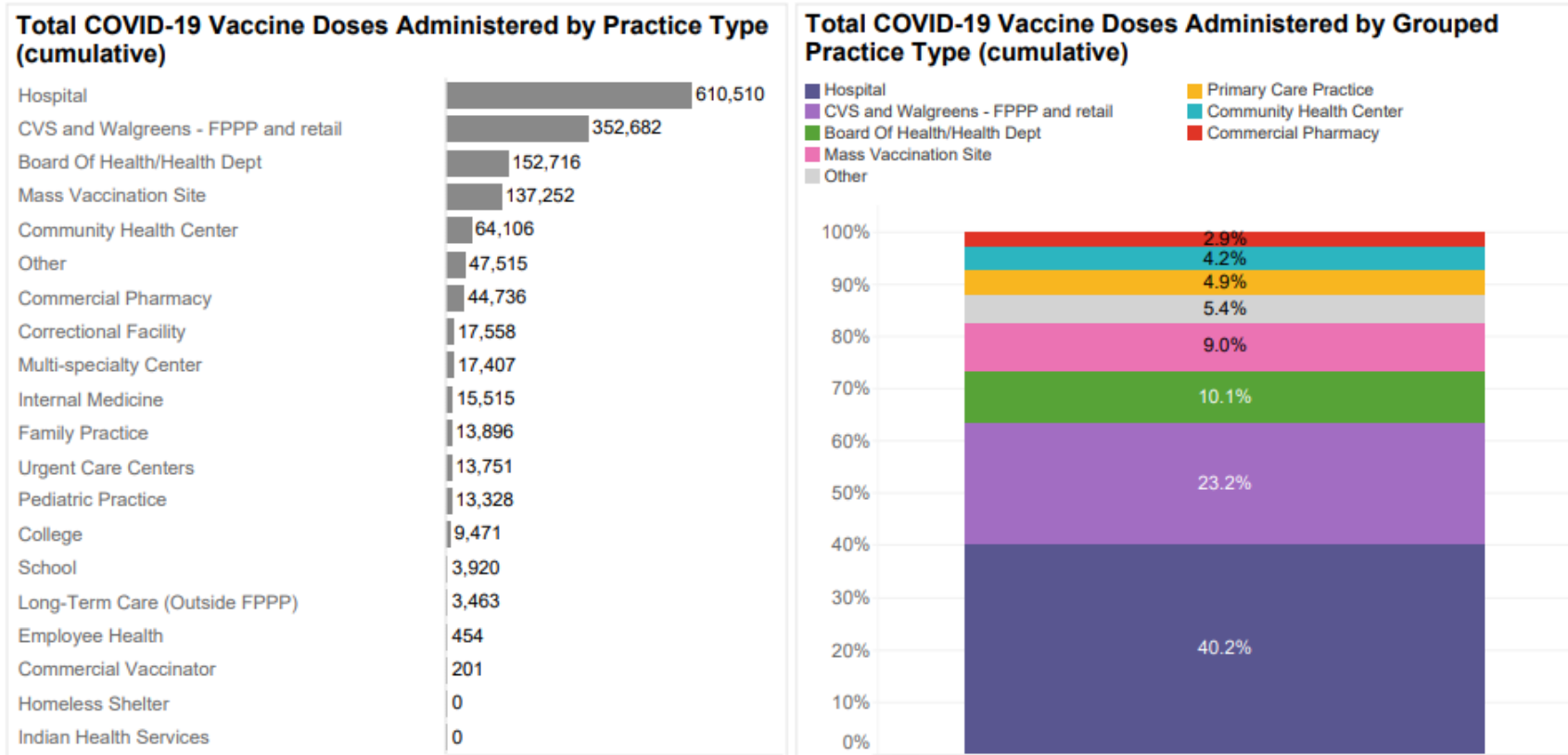


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Total COVID-19 Vaccine Doses Administered by Practice Type

Data as of February 23, 2021



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