

Good Afternoon All.

**1. New Cases:** DPH new cases reported yesterday:

**Barnstable County:** 193 new cases.

**Martha's Vineyard:** 23 new cases.

**Nantucket:** 8 new cases.

**2. Hospitalizations and Fatalities:** 3-day avg. hospitalizations remain in the upper 50's/low 60's, with high patient counts in the ICUs (18). Fatalities remain elevated but are in-line with rates seen during Wave 1 last spring.

**.6. Vaccination:** **The DPH has begun publishing weekly vaccine distribution information by County.** See below

**1. New Cases**

Daily new case numbers in Barnstable County remain high but in a slight downward trend following the post-Christmas/New Year's surge. **193** cases were reported yesterday.

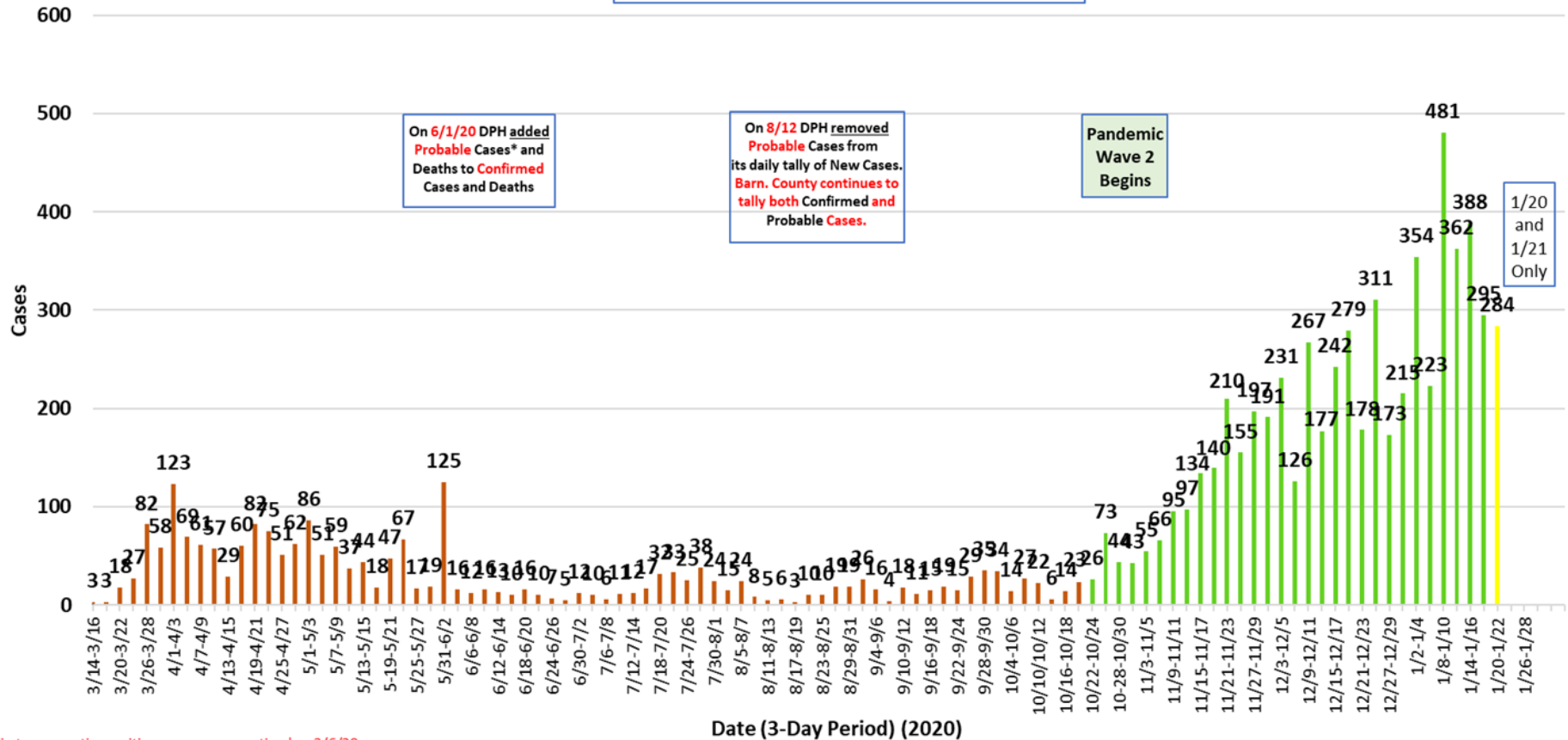
**Nantucket's** 7-day average cases per 100,000 population has trended downward for the past week. **Martha's Vineyard's** 7-day average cases per 100,000 population has also trended downward for the past week.

## COVID-19 Epidemiological Curve--New Cases (Confirmed + Probable)

Barnstable County, as of 1/21/21 5:00 pm

(New Cases per 3-Day Period)

8.314 Cases (7,783 Conf + 531 Prob); 312 Deaths



First presumptive positive case was quarantined on 3/6/20;

Incubation Period = 14 Days; Data presented in 3-day periods which equal ~1/4 of the Incubation Period; \* Estimate based on Barn. County percentage of state population (3.13%)

Source: V. Harik, BCDHS

## 2. Hospitalizations and Fatalities

**Hospitalizations and acuity of illness** have increased very significantly since the second week of November and remain elevated. Cape Cod Hospital and Falmouth Hospital have **suspended visitation** of inpatients except under very limited circumstances (end-of-life, etc.) and have **stopped non-essential surgeries and other elective procedures**.

DPH reporting of hospitalizations now has a 2-day lag; Tina Shaw of CCHC is providing me with more recent information (thank you Tina). Yesterday the CCHC reported that there were **53 COVID patients in hospital**, 17 of which were in the **ICU**.

**Fatalities** from COVID are increasing in Barnstable County. There have been **9** additional fatalities were reported over the past two days. The total is now **312**.

## Barnstable County COVID-Related Hospital & ICU Beds Occupied, with Cases & Deaths

Source: V. Harik, Barn. County Dept of Human Services; Tabulation of MA DPH Data

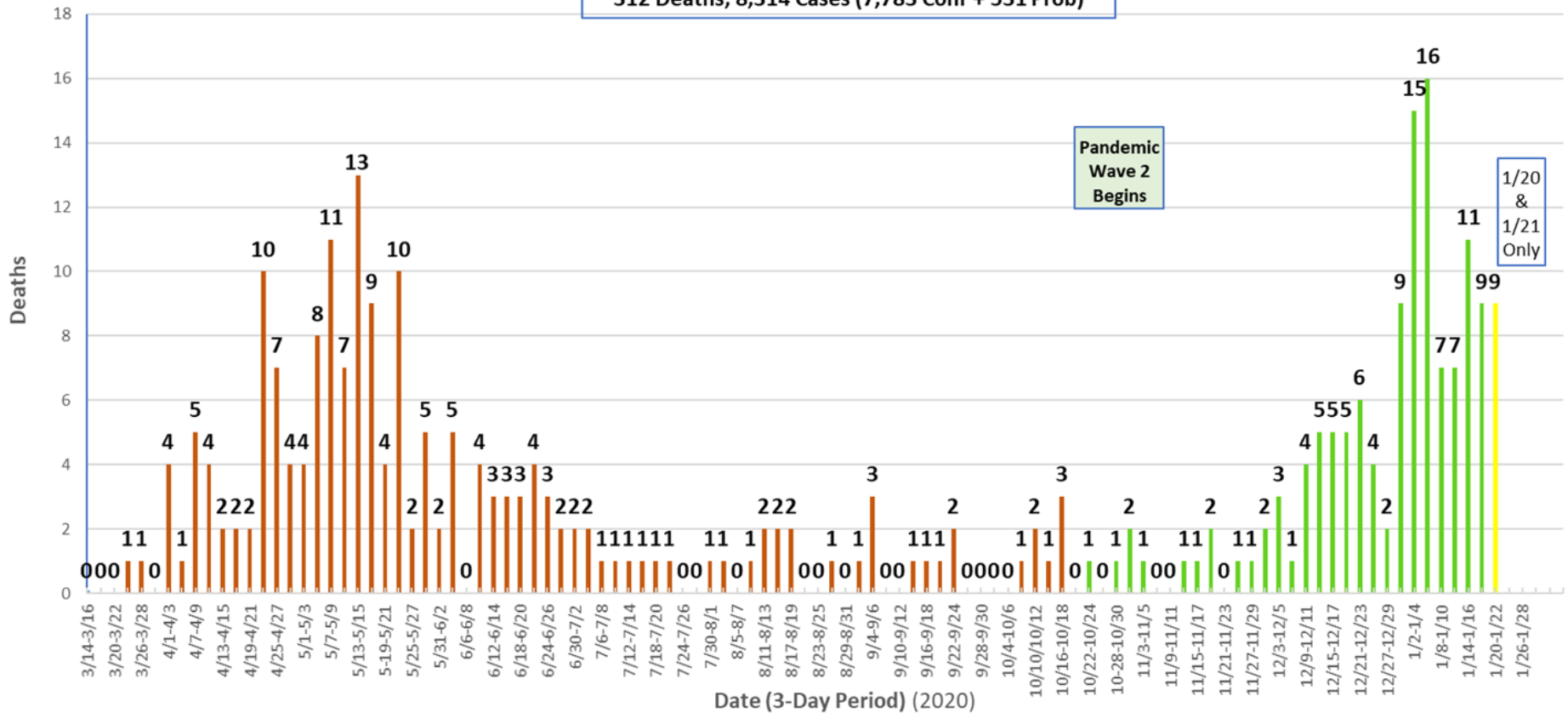
<b>WEEKLY: (On Tuesdays)</b>		Not Cumulative		Cumulative		3-Day Avg. of Persons in Hosp. (Med/Surg + ICU)	ICU Percent of Beds Occupied
Date Reported by DPH	Hospital	Hospital Beds Occupied	ICU Beds Occupied	Barnstable County Cases (Confirmed)	Barnstable County Deaths		
<b>4/22/2020</b>	Cape Cod Hospital	11	5				
	Falmouth Hospital	13	7				
<b>(Wave 1 Peak)</b>		<b>24</b>	<b>12</b>	<b>678</b>	<b>27</b>	<b>41.0</b>	<b>33%</b>
<b>4/28/2020</b>	Cape Cod Hospital	18	5				
	Falmouth Hospital	11	14				
		<b>29</b>	<b>19</b>	<b>820</b>	<b>39</b>	<b>27.7</b>	<b>40%</b>
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<b>12/22/2020</b>	Cape Cod Hospital	22	2				
	Falmouth Hospital	8	1				
		<b>30</b>	<b>3</b>	<b>4,644</b>	<b>221</b>	36.0	9%
<b>12/29/2020</b>	Cape Cod Hospital	41	5				
	Falmouth Hospital	11	2				
		<b>52</b>	<b>7</b>	<b>5,181</b>	<b>229</b>	58.3	12%
<b>1/5/2021</b>	Cape Cod Hospital	23	7				
	Falmouth Hospital	19	3				
		<b>42</b>	<b>10</b>	<b>5,818</b>	<b>256</b>	51.0	19%
<b>1/12/2021</b>	Cape Cod Hospital	26	14				
	Falmouth Hospital	9	4				
		<b>35</b>	<b>18</b>	<b>6,685</b>	<b>277</b>	49.0	34%
<b>1/19/2021</b>	Cape Cod Hospital	28	13				
	Falmouth Hospital	10	5				
		<b>38</b>	<b>18</b>	<b>7,499</b>	<b>303</b>	61.0	32%
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<b>Hospitalizations, Last Report:</b>		Not Cumulative		Cumulative		3-Day Avg. of Persons in Hosp. (Med/Surg + ICU)	ICU Percent of Beds Occupied
		Hospital Beds Occupied (Last Report)	ICU Beds Occupied (Last Report)	Barnstable County Cases (Confirmed)	Barnstable County Deaths		
<b>1/21/2021</b>	Cape Cod Hospital	24	13				
	Falmouth Hospital	12	4				
		<b>36</b>	<b>17</b>	<b>7,783</b>	<b>312</b>	<b>55.0</b>	<b>32%</b>

### COVID-19 Epidemiological Curve--New Deaths (Confirmed + Probable)

Barnstable County, as of 1/21/21 5:00 pm

(New Deaths per 3-Day Period)

312 Deaths; 8,314 Cases (7,783 Conf + 531 Prob)



First presumptive positive case was quarantined on 3/6/20;

Incubation Period = 14 Days; Data presented in 3-day periods which equal ~1/4 of the Incubation Period

Source: V. Harik, BCDHS; Using data provided by the MA Department of Public Health

Recent data on COVID fatalities in Barnstable County suggest that residents of **Long Term Care/Skilled Nursing Facilities/Rest Homes** represent over 50% of all fatalities (139 of 256 fatalities, as of 1/5/21). This is a lower percentage than that seen during phase 1 of the pandemic last spring (over 65%).

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## **6. Vaccination**

The **State COVID Vaccination Plan** for Phase 1 is proceeding. In Phase 1 of the State Plan healthcare workers, older adults living in skilled nursing facilities/congregate care settings, police/fire/EMS, shelters/congregate living/corrections, and other healthcare workers will be prioritized for vaccination as doses become available. **Childcare staff** will be eligible for vaccination alongside school staff in Phase 2. First shipments of the **Pfizer** vaccine have been to hospitals across the state for vaccination of their workers; **Moderna** vaccine has been shipped to clinical care sites and other providers who are vaccinating other groups in Phase 1. The State has contracted with **CVS and Walgreens** to arrange vaccination of **older adults in SNFs/congregate care**.

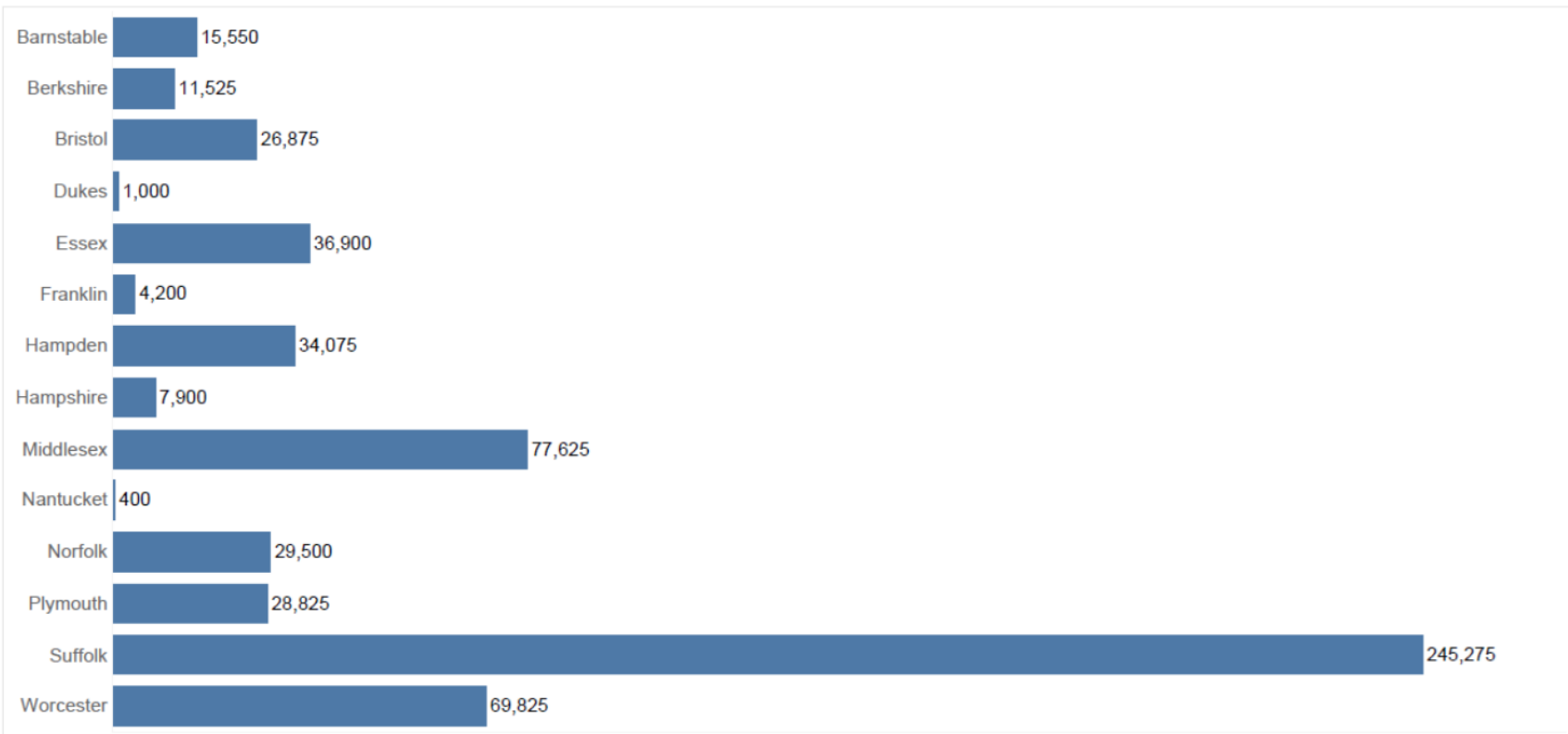
- Vaccinations in **LTCs** began on 12/28 on Cape Cod.
- Vaccinations of **Police/Fire/EMS** began on 1/11.
- Vaccination of staff and **residents** in **shelters**, other state-funded **congregate living settings**, and **correctional facilities** began this week (1/18).
- Vaccination of **home healthcare providers** and other **non-COVID facing clinical providers** will begin in the coming two weeks.
- **Vaccination of Phase 2 Group 1 (Age 75+, 2+ comorbidities, residents and staff of low-income/affordable senior housing (public and private-funded facilities) will likely begin in early February.**

The Barnstable County Dept of Health and Environment has organized vaccination clinics for first responders in the Middle, Lower, and Outer Cape. The Sandwich Health Department, in partnership with other town Health Departments, is vaccinating first responders in the Upper Cape area. **Planning for regional mass vaccination sites, to begin operation during Phase 2, is underway.**

**The DPH has begun publishing weekly vaccine distribution information by County:**

# Cumulative COVID-19 Vaccine Doses Shipped to Massachusetts Providers by County of Provider

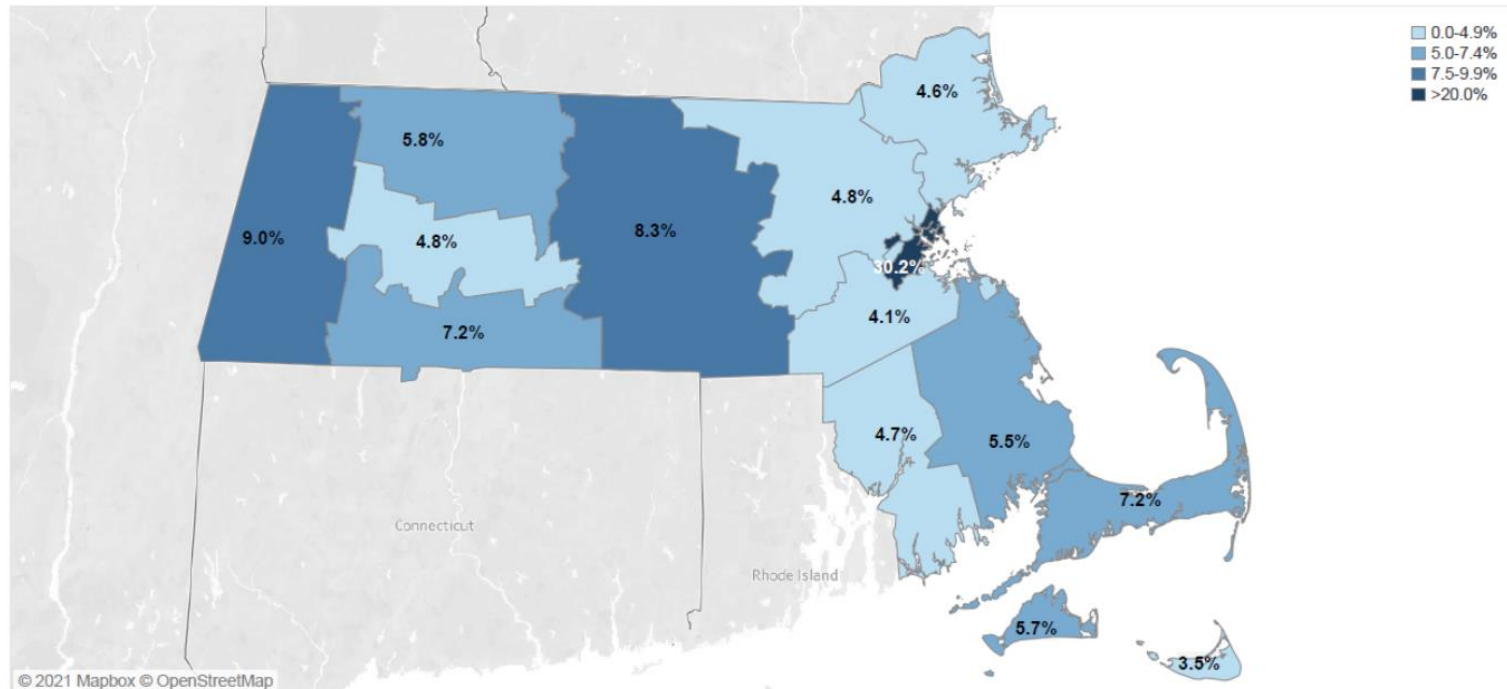
Data as of January 19, 2021



Note: 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. Providers shown are initial recipients; doses shipped to providers may be redistributed to other providers who may be in other counties. Some federal facilities in MA receive vaccine from a separate federal distribution system and would not be included here. Data on doses shipped does not include shipment data from the Federal Pharmacy Partnership for Long-term Care Program.

# Cumulative COVID-19 Vaccine Doses Shipped to Massachusetts Providers by County of Provider as a Percent of County Population

Data as of January 19, 2021



Note: 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. Providers shown are initial recipients; doses shipped to providers may be redistributed to other providers. Some federal facilities in MA receive vaccine from a separate federal distribution system and would not be included here. These proportions use 2019 Donohue population estimates. Data on doses shipped does not include shipment data from the Federal Pharmacy Partnership for Long-term Care Program.

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