

Please see **Chart Package** below for more detailed information

Good Morning All.

SUMMARY:

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

Barnstable County: 31 new cases.

Martha's Vineyard: 15 new cases.

Nantucket: 1 new cases.

2. **Hospitalizations and Fatalities:** 3-day avg.hospitalizations have fallen significantly to the mid-30s, yet relatively high patient counts in the ICUs (19 patients) remain. Fatalities have fallen as well.

3. **Schools and Childcare Centers:** Due to the mildness of the flu season the DPH has **removed the requirement** that all school children receive a flu vaccination on or before 2/28/21. **Many school districts returned to a hybrid learning model last week.**

4. **Testing**

5. **Weekly Town Risk, and Statewide Cluster Analyses**

6. **Vaccination:**

-**Groups eligible for vaccination now are those in Phase 1, and Phase 2/Group 1 (persons aged 75+), depending upon availability of vaccine.**

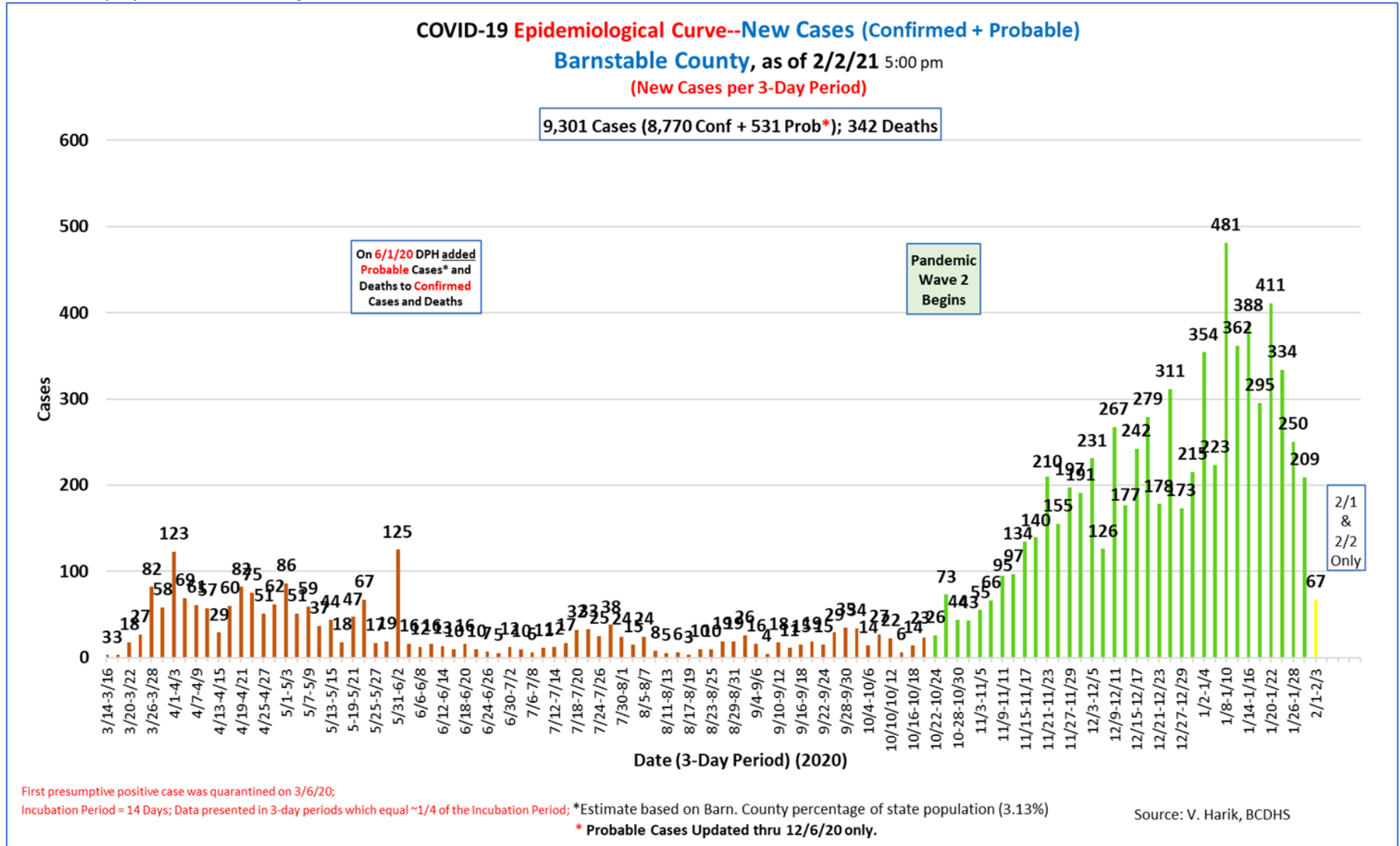
-Planning for 4-5 sub-regional mass vaccination sites on Cape Cod, to begin operation during Phase 2, is in place. The DPH is in discussions with the County Health Dept. to open is DPH-operated mass vaccination site on Cape Cod during Phase 2 of the vaccination plan.

-Phase 2 of the State Vaccination Plan will began on February 1. Vaccination at local clinics during Phase 2 will be by appointment only and **appointments will be able to be scheduled once County and local health authorities can be sure of vaccine availability from the DPH.** The public will be given notice of planned vaccination clinics for eligible persons in Phase 2. As noted, Phase 2 Group 1 only includes persons age 75+.

7. **COVID Mutation and Changes in Transmissibility/Virulence/Other:** **There are three variants of concern: B117 (UK), B1351 (S. Africa), and P1 (Brazil).** All three appear to be equally virulent but at least 50% more transmissible. Within two months of the B117 variant being identified in the UK (October) it became the dominant strain circulating there. The CDC is now posting surveillance information on the emergence of the B117 variant in the US: <https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>. Existing vaccines **may be less effective against these new strains.** The degree to which this may be so is being investigated. **Moderna and Pfizer are working on a booster shot to counter these new strains.**

1. New Cases

Daily new case numbers in Barnstable County remain high but in a downward trend following the post-Christmas/New Year's surge. **31** cases were reported yesterday.



Nantucket's 7-day average cases per 100,000 population continues to trend lower. 1 cases were reported yesterday.

Martha's Vineyard's 7-day average cases per 100,000 population has been trending lower, however we note an increase in cases. 15 cases were reported yesterday.

Vaira Harik, Barnstable County Dept of Human Services

COVID Daily Update Chart Package, 2/3/21

Trailing 14-Day Testing and Cases by County:

[See Chart Package below](#)

2. Hospitalizations and Fatalities

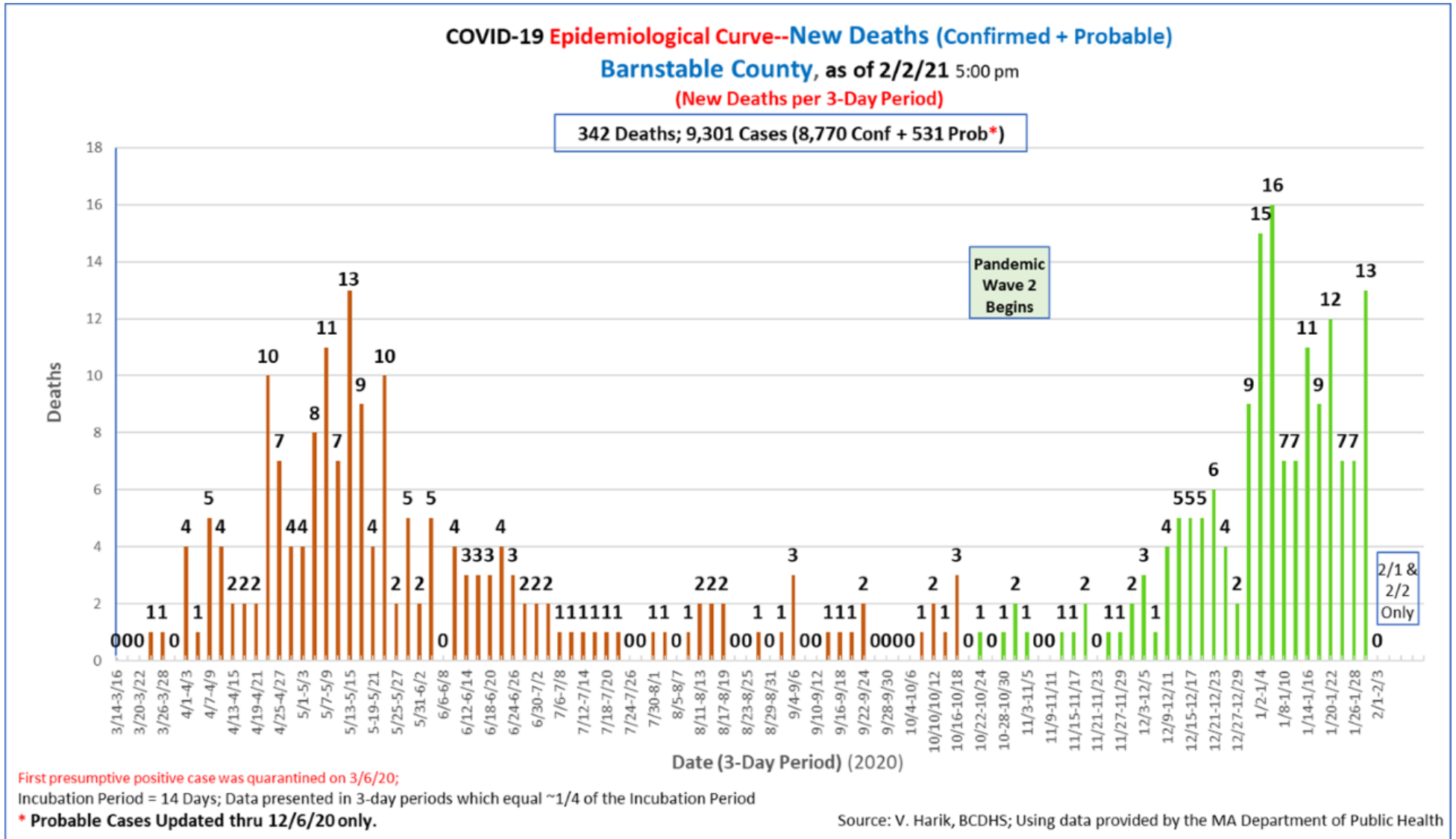
Hospitalizations and **acuity of illness** have increased very significantly since the second week of November and remain elevated. Cape Cod Hospital and Falmouth Hospital have **suspended visitation** of inpatients except under very limited circumstances (end-of-life, etc.) and have **stopped non-essential 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 evening CCHC reported that there were **34 COVID patients in hospital, 19** of which were in the **ICU**.

Fatalities: 2 additional fatalities were reported yesterday. The total is now **329**.

Vaira Harik, Barnstable County Dept of Human Services
COVID Daily Update Chart Package, 2/3/21

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							
WEEKLY: (On Tuesdays)		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	Barnstable County Deaths		
4/22/2020	Cape Cod Hospital	11	5				
	Falmouth Hospital	13	7				
(Wave 1 Peak)		24	12	678	27	41.0	33%
4/28/2020	Cape Cod Hospital	18	5				
	Falmouth Hospital	11	14				
		29	19	820	39	27.7	40%
12/22/2020							
	Cape Cod Hospital	22	2				
	Falmouth Hospital	8	1				
		30	3	4,644	221	36.0	9%
12/29/2020							
	Cape Cod Hospital	41	5				
	Falmouth Hospital	11	2				
		52	7	5,181	229	58.3	12%
1/5/2021							
	Cape Cod Hospital	23	7				
	Falmouth Hospital	19	3				
		42	10	5,818	256	51.0	19%
1/12/2021							
	Cape Cod Hospital	26	14				
	Falmouth Hospital	9	4				
		35	18	6,685	277	49.0	34%
1/19/2021							
	Cape Cod Hospital	28	13				
	Falmouth Hospital	10	5				
		38	18	7,499	303	61.0	32%
1/26/2021							
	Cape Cod Hospital	22	13				
	Falmouth Hospital	10	5				
		32	18	8,303	323	46.7	36%
Hospitalizations, Last Report:							
		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		
2/2/2021	Cape Cod Hospital	10	13				
	Falmouth Hospital	5	6				
		15	19	8,770	342	36.3	56%



Vaira Harik, Barnstable County Dept of Human Services

COVID Daily Update Chart Package, 2/3/21

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%).

3. Schools and Childcare Centers

School districts are staying vigilant and reacting well to new cases. Most school districts on the Cape and Islands returned to a hybrid learning status last week following the Christmas and New Year's holiday break.

DESE and the DPH (memo of 1/8/21) announced that they are seeking to introduce COVID-19 screening testing using a pooled strategy in the school setting. Schools may elect to participate by responding to a survey that DESE/DPH have posted. Further information will be forthcoming.

~~For the 2020-2021 school year the DPH has mandated that all school children be vaccinated for seasonal influenza. This week the DPH extended the deadline for doing so from 12/31/20 to 2/28/21.~~ **This mandate has been canceled by the DPH.**

During Phase 2 of the state vaccination rollout **childcare center** staff are to be vaccinated alongside school staff.

4. Testing

Additional testing locations in Barnstable County for both symptomatic and asymptomatic persons remain open in **Falmouth** at the Fairgrounds and in **Hyannis** at the Melody Tent. Daily testing capacity is 50 at the Falmouth site and 350 at the Hyannis site. Neither site is open daily and persons must call ahead for an appointment. Details: <https://www.capecodhealth.org/medical-services/infectious-disease/coronavirus/covid-19-testing-process/>.

In late December additional testing by **Outer Cape Community Health Services** began and continues at its 3 locations in **Wellfleet, Harwich Port, and Provincetown** (<https://outercapetown.org/2020/12/23/outercapetown-health-services-to-offer-covid-19-asymptomatic-testing-beginning-december-23/>). These sites may not open be daily and persons must call ahead for an appointment.

Eligibility criteria for the testing include residency in Barnstable County. Testing is done by appointment only. Tests cost \$75, \$110 for travel-related tests, and no one will be turned away if unable to pay for a test.

DPH-mandated **routine testing** in skilled nursing facilities/long term care settings (SNF/LTC) continues. This provides critical surveillance and allows these facilities to stay ahead of asymptomatic spread amongst staff and residents. Routine testing in SNF/LTC settings has increased to weekly for staff.

In addition, the State's **BinaxNOW rapid testing program** (already available to **schools**) has been extended to visitors of **nursing homes** and rest home residents (LTC settings) to allow visitation of residents while limiting the risk of infection from visitors. DPH has published guidance on this. The program has also been extended to **childcare centers and homeless shelters** and management of these facilities may apply to the EEC and DPH for testing kits.

5. Weekly Town Risk and Statewide Cluster Analyses

Vaira Harik, Barnstable County Dept of Human Services
COVID Daily Update Chart Package, 2/3/21

MA DPH Data Dashboard, WEEKLY REPORT of 1/28/21 (for the Period 1/10/20 to 1/23/21)																																					
City/Town	Population	(March 2020 to Present) Total Case Count	Case Count Last 14 Days	Average Daily Incidence	Relative Change in Case Count	Total Tests	Total Tests Last 14 Days	Positive Tests Last 14 Days	Percent Positivity Last 14 Days	Change in Percent Positivity																											
				Rate per 100K																																	
Barnstable	44,773	2,516	344	54.9	Lower	49,633	5,169	384	7.43%	Lower																											
Bourne	21,026	842	126	42.8	Lower	27,038	2,867	139	4.85%	Lower																											
Brewster	9,926	316	72	51.8	Higher	12,112	1,759	78	4.43%	Higher																											
Chatham	5,830	194	52	63.7	Lower	6,327	6,327	517	11.41%	Higher																											
Dennis	13,088	469	78	42.6	Lower	12,929	1,423	83	5.83%	Lower																											
Eastham	4,603	78	20	31.0	Higher	3,442	299	21	7.02%	Higher																											
Falmouth	31,190	1,025	190	43.5	Lower	42,707	3,827	210	5.49%	Lower																											
Harwich	12,589	481	69	39.2	Lower	13,113	1,271	79	6.22%	Lower																											
Mashpee	15,535	505	97	44.6	Lower	17,192	1,707	103	6.03%	Lower																											
Orleans	5,620	134	31	39.4	Higher	4,731	533	32	6.00%	Higher																											
Provincetown	2,583	57	6	16.6	Lower	3,569	253	7	2.77%	Lower																											
Sandwich	21,078	734	171	57.9	Lower	20,264	1,940	194	10.00%	Lower																											
Truro	1,968	25	6	21.8	Higher	1,573	105	6	5.71%	Higher																											
Wellfleet	2,760	44	7	18.1	No Change	2,213	158	8	5.06%	Higher																											
Yarmouth	24,062	954	166	49.3	Lower	26,824	3,084	181	5.87%	Lower																											
Barnstable County	216,629	8,374	1,435	47.3	Lower	243,667	24,912	1,584	6.36%	Lower																											
Aquinnah	261	<5	0	0	Lower	454	25	0	0%	Lower																											
Chilmark	759	12	0	0	Lower	3,004	198	0	0%	Lower																											
Edgartown	4,086	222	34	59.4	Lower	9,275	680	36	5.29%	Lower																											
Gosnold	45	5	0	0	No Change	119	3	0	0%	No Change																											
Oak Bluffs	5,209	189	36	49.4	Higher	6,266	499	44	8.82%	Higher																											
Tisbury	4,174	233	39	66.7	Lower	11,704	896	39	4.35%	Lower																											
West Tisbury	2,871	78	8	19.9	Lower	4,138	293	8	2.73%	Lower																											
Dukes County	17,404	744	118	48.0	Lower	34,960	2,594	127	4.90%	Lower																											
Nantucket	11,416	1,005	180	112.6	Lower	18,305	1,926	181	9.40%	Lower																											
Dukes and Nantucket Counties	28,820	1,805	227	56.3	Lower	54,102	4,266	238	5.58%	Lower																											
State	6,964,383	484,639	57,942	59.4	Lower	13,192,478	1,224,945	67,544	5.51%	Lower																											
Data Source: MA DPH, 1/28/21 Weekly COVID Report (https://www.mass.gov/info-details/covid-19-response-reporting); Analysis: V. Harik BCDHS.																																					
Massachusetts COVID Testing Rates, As Applied to Barnstable County (Thru 1/23/21)																																					
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6. Vaccination

All groups in Phase 1 are now eligible to be vaccinated and can be scheduled for vaccination.

On February 1 persons in Phase 2/Group 1 (age 75+) became eligible to be vaccinated at locations which have the vaccine available. However appointments may not be immediately available due to overwhelming demand and still-limited supply of vaccine from the manufacturers.

Childcare staff will be eligible for vaccination alongside school staff in Phase 2.

The State has contracted with **CVS and Walgreens** to arrange vaccination of **older adults in SNFs/congregate care**. **CVS, Walgreens, and Stop & Shop pharmacies** will also schedule vaccinations for the groups in Phase 2, again depending upon vaccine supply.

- **Groups eligible for vaccination now are those in Phase 1, and Phase 2/Group 1 (persons aged 75+), depending upon availability of vaccine.**
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- Planning for 4-5 sub-regional mass vaccination sites on Cape Cod, to begin operation during Phase 2, is in place. **The DPH is in discussions with the County Health Dept. to open is DPH-operated mass vaccination site on Cape Cod during Phase 2 of the vaccination plan.**
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- **Plans for regional mass vaccination sites, to begin operation during Phase 2, are in place.**

7. COVID Mutation and Changes in Transmissibility/Virulence/Other

The emergence of a variant of the COVID-19 virus in the UK, classified as **B.1.1.7**, was identified in October and publicized in early December. Reports hold that B117 is 50% - 70% more contagious than our predominant variant now circulating (D614G). **Within two months of the variant being identified in the UK (October) it became dominant strain circulating there.** B117 is spreading globally and has been detected in the US. **Additional variants of concern have emerged internationally: B1351 (South Africa) and Brazil (P1) which are also highly transmissible. Existing vaccine recipes may be less effective against these three new strains.**

Researchers are working to determine if B117 differs from D614G in terms of: **1.** How sick people become, **2.** If natural immunity is different following infection with D614G, and **3.** If immunity from vaccination differs since the vaccine was developed during the period that D614G has been predominant. **The existing vaccines may be less effective against the new strains. Moderna and Pfizer are working on a booster shot to counter these new strains.**

The CDC is now posting surveillance information on the emergence of the B117 variant in the US: <https://www.cdc.gov/coronavirus/2019-ncov/transmission/variant-cases.html>.

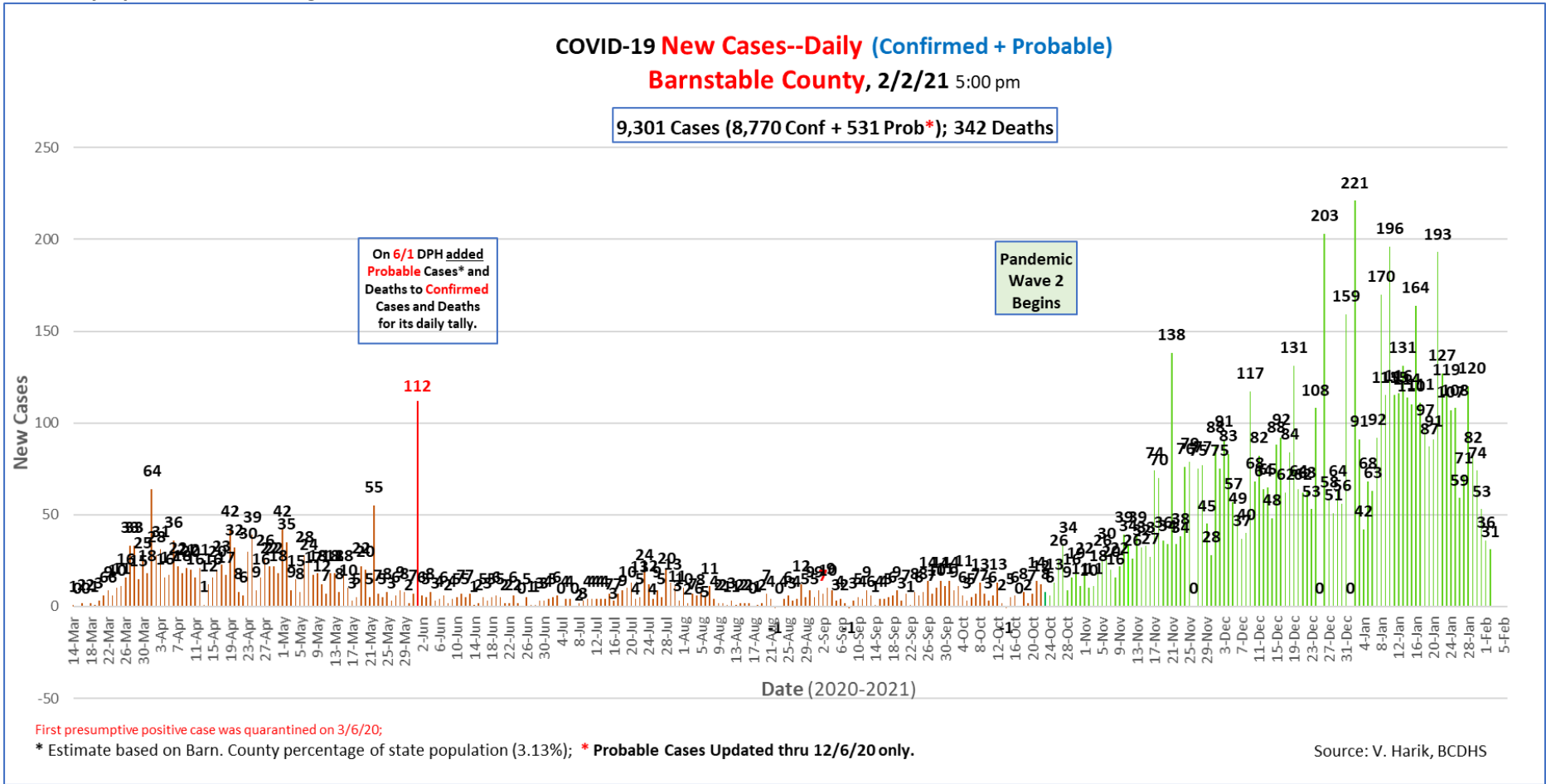
According to an article by Andrew Joseph from StatNews, "Coronaviruses evolve more slowly than viruses like flu, but they do pick up mutations as they spread. **SARS-CoV-2 has been adding one or two changes a month to its RNA genome since it emerged late last year in China**, and different versions of the virus have been continuously circulating throughout the course of the pandemic. **But this variant (B.1.1.7 or VUI-202012/01) showed up with at least 17 mutations**, according to one genetic analysis." (Source: https://www.statnews.com/2020/12/21/looming-questions-new-variant-coronavirus/?utm_source=STAT+Newsletters&utm_campaign=1a74bda2ca-MR_COPY_01&utm_medium=email&utm_term=0_8cab1d7961-1a74bda2ca-150158417).

Vaira Harik, M.S.

Deputy Director

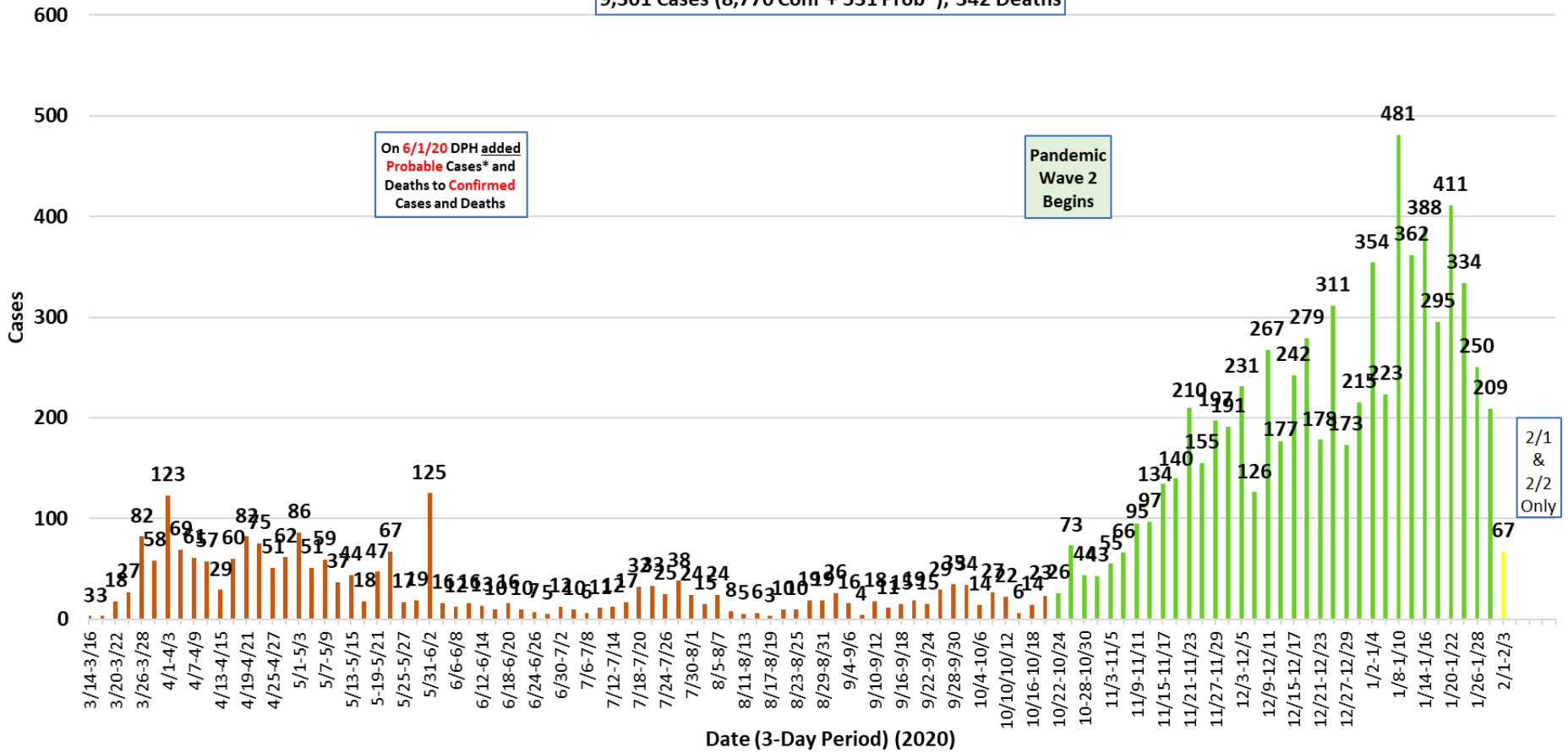
Barnstable County Dept. of Human Services

Email: vharik@barnstablecounty.org



COVID-19 Epidemiological Curve--New Cases (Confirmed + Probable)
Barnstable County, as of 2/2/21 5:00 pm
 (New Cases per 3-Day Period)

9,301 Cases (8,770 Conf + 531 Prob*); 342 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%)

* Probable Cases Updated thru 12/6/20 only.

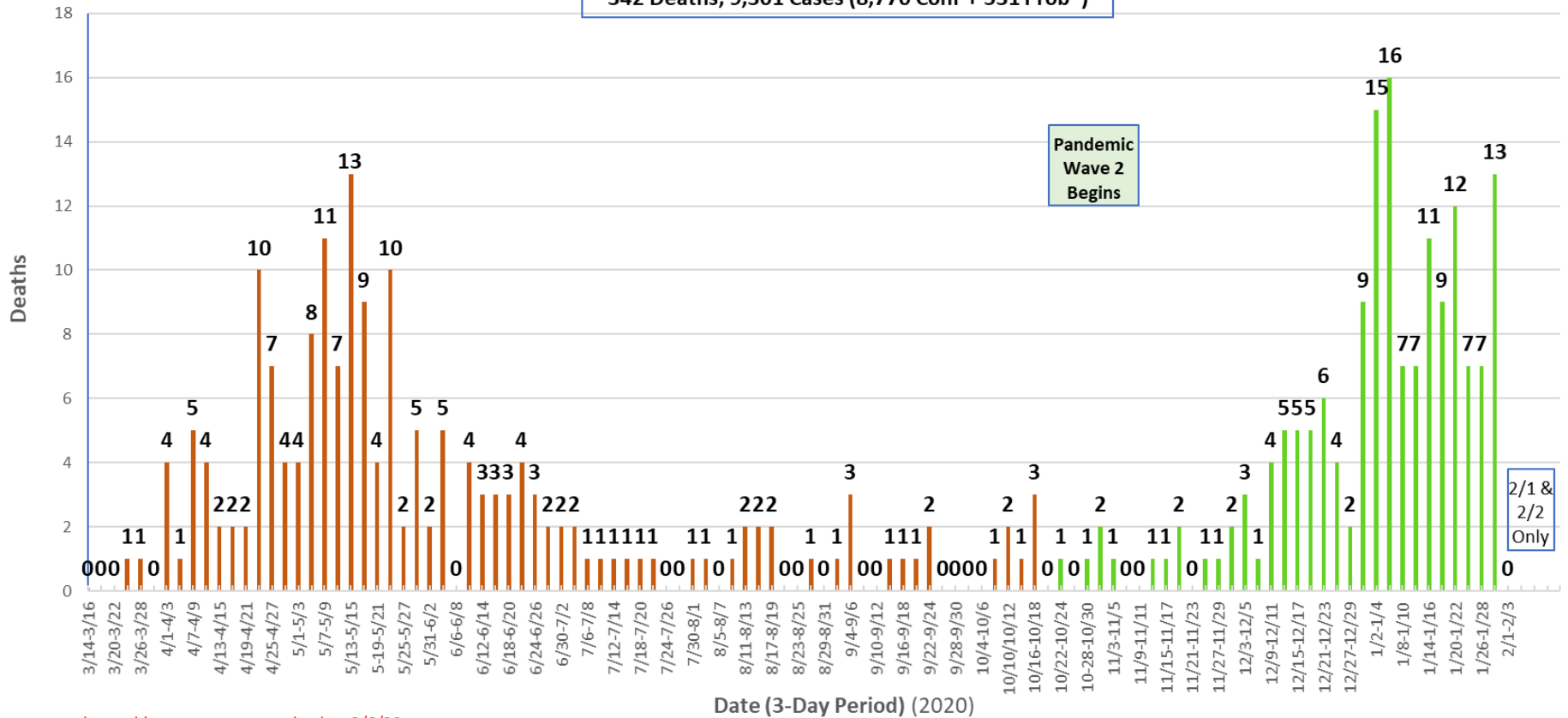
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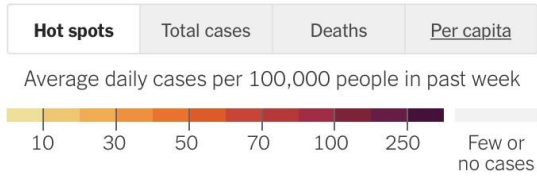
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Source: V. Harik, BCDHS; Using data provided by the MA Department of Public Health

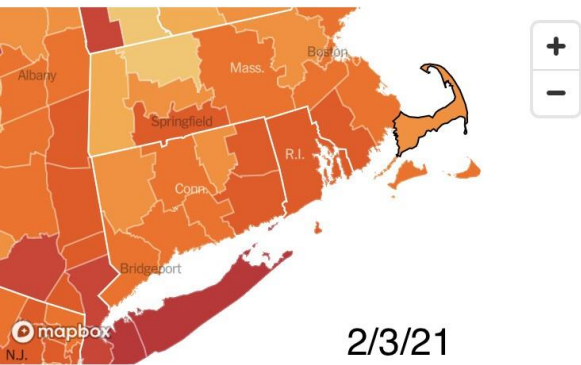
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Source: NYTimes.com:

BARNSTABLE 2/3/21



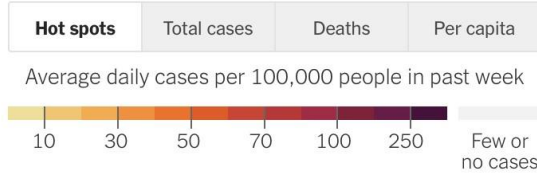
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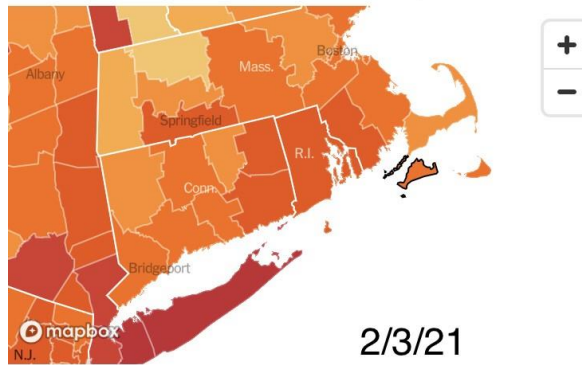
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Sources: State and local health agencies. Population and demographic data from Census Bureau.
 ► About this data

DUKES, 2/3/21



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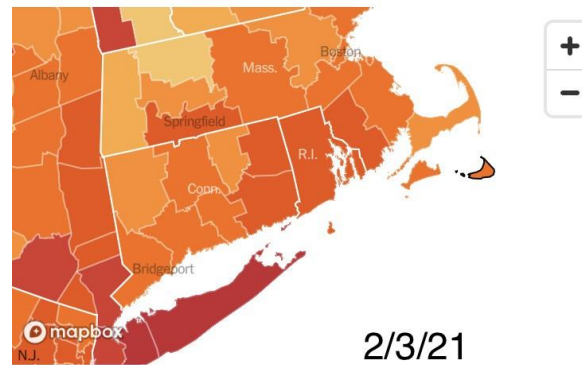
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NANTUCKET, 2/3/21

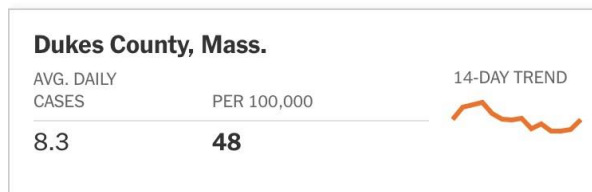
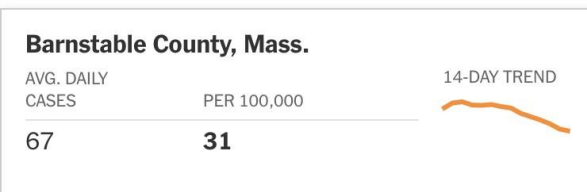


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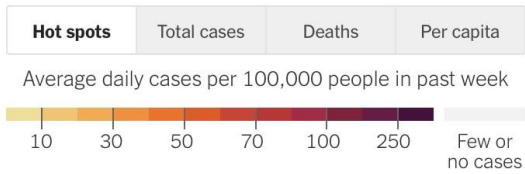
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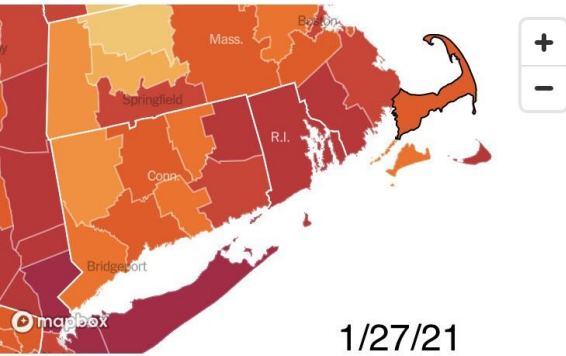


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COVID Daily Update Chart Package, 2/3/21

BARNSTABLE 1/27/21



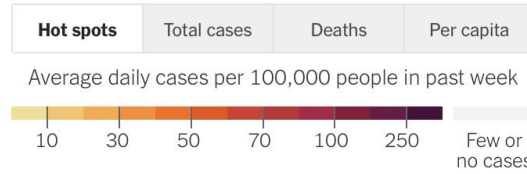
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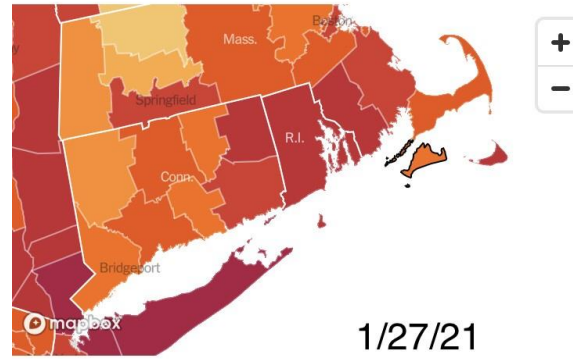
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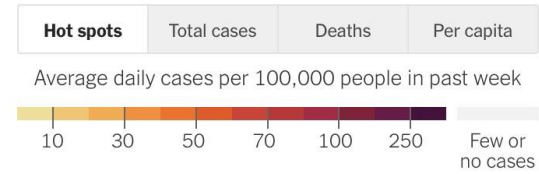
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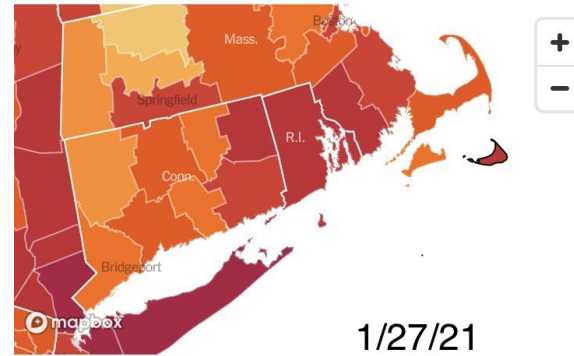
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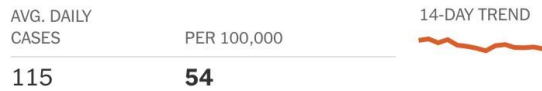
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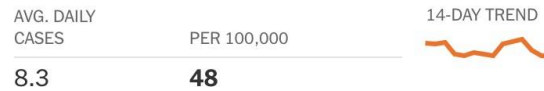
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Barnstable County, Mass.



Dukes County, Mass.



Nantucket County, Mass.



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4/28/2020	Cape Cod Hospital	18	5				
	Falmouth Hospital	11	14				
		29	19	820	39	27.7	40%
12/22/2020							
	Cape Cod Hospital	22	2				
	Falmouth Hospital	8	1				
		30	3	4,644	221	36.0	9%
12/29/2020							
	Cape Cod Hospital	41	5				
	Falmouth Hospital	11	2				
		52	7	5,181	229	58.3	12%
1/5/2021							
	Cape Cod Hospital	23	7				
	Falmouth Hospital	19	3				
		42	10	5,818	256	51.0	19%
1/12/2021							
	Cape Cod Hospital	26	14				
	Falmouth Hospital	9	4				
		35	18	6,685	277	49.0	34%
1/19/2021							
	Cape Cod Hospital	28	13				
	Falmouth Hospital	10	5				
		38	18	7,499	303	61.0	32%
1/26/2021							
	Cape Cod Hospital	22	13				
	Falmouth Hospital	10	5				
		32	18	8,303	323	46.7	36%
Hospitalizations, Last Report:							
		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		
2/2/2021	Cape Cod Hospital	10	13				
	Falmouth Hospital	5	6				
		15	19	8,770	342	36.3	56%

Vaira Harik, Barnstable County Dept of Human Services
COVID Daily Update Chart Package, 2/3/21

Barnstable County COVID Cases and Facility-Reported Deaths in Long Term Care Facilities (thru 1/5/21)					
#	Facility	County	Licensed Beds	Cases* (Staff & Residents)	Deaths** (Residents Only)
1	ADVANIA CARE AT PROVINCETOWN	Barnstable	41	1-10	0
2	BOURNE MANOR EXTENDED CARE FACILITY	Barnstable	142	11-30	1-4
3	CAPE HERITAGE REHABILITATION & HEALTH CARE CENTER	Barnstable	123	1-10	0
4	CAPE REGENCY REHABILITATION & HEALTH CARE CENTER	Barnstable	120	>30	17
5	CAPE WINDS REST HOME OF HYANNIS	Barnstable	37	11-30	0
6	CAPE WINDS REST HOME OF SANDWICH	Barnstable	20	0	0
7	JML CARE CENTER INC	Barnstable	132	11-30	5
8	LIBERTY COMMONS	Barnstable	132	11-30	1-4
9	MAYFLOWER PLACE NURSING & REHABILITATION CENTER	Barnstable	72	11-30	1-4
10	PAVILION THE	Barnstable	82	>30	1-4
11	PLEASANT BAY OF BREWSTER REHAB CENTER	Barnstable	135	>30	19
12	ROSEWOOD MANOR REST HOME	Barnstable	33	1-10	0
13	ROYAL CAPE COD NURSING & REHABILITATION CENTER	Barnstable	99	>30	20
14	ROYAL MEGANSETT NURSING & REHABILITATION	Barnstable	90	11-30	0
15	ROYAL NURSING CENTER LLC	Barnstable	121	>30	22
16	ROYAL OF COTUIT	Barnstable	120	11-30	1-4
17	SOUTH DENNIS HEALTHCARE	Barnstable	128	>30	11
18	TERRACES ORLEANS (THE)	Barnstable	50	1-10	0
19	WINDSOR NURSING & RETIREMENT HOME	Barnstable	120	>30	1-4
20	WINGATE AT HARWICH	Barnstable	135	>30	21
Totals, Barnstable County			1,932		139
					(Estimated)
LTC Facility Percentage of Total COVID Fatalities in Barnstable County, 3/1/20 to 1/5/21					54%

Source: MA DPH COVID Weekly Report, 1/7/21.

*Staff and residents; **Cumulative COVID-19 deaths –includes residents only. ***Facility is closed. Data will continue to be included for completeness but will not change except for the result of data cleaning.

PLEASE NOTE: This list includes nursing homes, rest homes, and skilled nursing facilities; reported COVID-19 cases to date represent both staff and residents. The number of cases for a facility relies on the amount of testing conducted; facilities not included on this list may have COVID-19 cases that have not yet been identified. As of May 25th 344 nursing homes reported that at least 90% of staff and 90% of residents had been tested.

ALSO: Data on deaths is self-reported by each facility. In accordance with long-term care regulations, nursing homes and rest homes must report deaths due to any cause in any resident, either confirmed COVID-19 positive, or suspected to have COVID-19, even if the individual was never tested. When the number of deaths is between 1-4 residents, the number is suppressed and reported as 1- 4, to protect possible resident identification. The Department of Public Health performs routine data quality reviews of the data it receives. This includes removing duplicate results and updating counts if needed. Also, occasional negative tests from nursing home residents result after being reported first as presumptive and are removed. As a result of this, the total of self-reported deaths may decrease to ensure accuracy.

Data Sources: MAVEN for confirmed cases; Individual facilities reported resident deaths to DPH Bureau of Health Care Safety and Quality's Health Care Facility Reporting System.



Massachusetts Department of Public Health COVID-19 Dashboard – Wednesday, January 27, 2021

Count and Rate of Confirmed COVID-19 Cases and Tests Performed in MA by County, January 1, 2020 – January 26, 2021

County	Total Case Count	Case Count (Last 14 Days)	Average Daily Incidence Rate per 100,000 (Last 14 days)	Relative Change in Case Counts ¹	Total Tests	Total Tests (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 days)	Change in Percent Positivity ²
Barnstable County	8374	1435	47.3	Lower	243667	24912	1584	6.36%	Lower
Berkshire County	4394	697	39.4	Lower	222334	21278	766	3.60%	Lower
Bristol County	48775	6237	78.0	Lower	811982	79291	7177	9.05%	Lower
Dukes and Nantucket Counties	1805	227	56.3	Lower	54102	4266	238	5.58%	Lower
Essex County	75810	7827	70.2	Lower	1386689	129623	9651	7.45%	Lower
Franklin County	1719	204	20.5	Lower	115920	12930	240	1.86%	Lower
Hampden County	35926	4701	71.3	Lower	682334	70883	5852	8.26%	Lower
Hampshire County	5435	729	31.8	Lower	407728	30272	855	2.82%	Lower
Middlesex County	99560	10764	47.3	Lower	3343337	303246	12498	4.12%	Lower
Norfolk County	38987	5768	57.6	Lower	1178337	119743	6475	5.41%	Lower
Plymouth County	34797	4957	67.1	Lower	667651	70312	5573	7.93%	Lower
Suffolk County	69882	7254	64.0	Lower	2481476	223506	8672	3.88%	Lower
Worcester County	57742	6947	59.1	Lower	1371764	117374	7765	6.62%	Lower
Unknown ³	1433	195	*	*	225157	17309	198	*	*
State	484639	57942	59.4	Lower	13192478	1224945	67544	5.51%	Lower

Data are current as of 11:59pm on 01/26/2021; ¹Number of new cases occurring over the current two-week period (1/10/2021 – 01/23/2021) compared to the previous two-week period (1/3/2021 – 01/16/2021). **Higher**=number of new cases in the current two-week period higher than the number of new cases during the last two-week period. **Lower**=number of new cases in the current two-week period lower than number of new cases during the last two-week period. **No change**=number of new cases in current two-week period is equal to the number of new cases during the last two-week period. ²Change in percent positivity compared to the previous week's (1/20/2021) report. **No Change**= <0.10% difference in the percent positivity. ³Address information for these cases is currently being obtained. DPH calculates rates per 100,000 population using denominators estimated by the University of Massachusetts Donahue Institute using a modified Hamilton-Perry model (Strate S, et al. Small Area Population Estimates for 2011 through 2020, report, Oct 2016.) **Please note:** Data for these tables are based on information available in the DPH surveillance database at a single point in time. Case counts for specific cities and towns change throughout the day as data cleaning occurs (removal of duplicate reports within the system) and new demographic information (assigning cases to their city or town of residence) is obtained.

Vaira Harik, Barnstable County Dept of Human Services
 COVID Daily Update Chart Package, 2/3/21

MA DPH Data Dashboard, WEEKLY REPORT of 1/28/21 (for the Period 1/10/20 to 1/23/21)										
City/Town	Population	(March 2020 to Present) Total Case Count	Case Count Last 14 Days	Average Daily Incidence Rate per 100K	Relative Change in Case Count	Total Tests	Total Tests Last 14 Days	Positive Tests Last 14 Days	Percent Positivity Last 14 Days	Change in Percent Positivity
Barnstable	44,773	2,516	344	54.9	Lower	49,633	5,169	384	7.43%	Lower
Bourne	21,026	842	126	42.8	Lower	27,038	2,867	139	4.85%	Lower
Brewster	9,926	316	72	51.8	Higher	12,112	1,759	78	4.43%	Higher
Chatham	5,830	194	52	63.7	Lower	6,327	517	59	11.41%	Higher
Dennis	13,088	469	78	42.6	Lower	12,929	1,423	83	5.83%	Lower
Eastham	4,603	78	20	31.0	Higher	3,442	299	21	7.02%	Higher
Falmouth	31,190	1,025	190	43.5	Lower	42,707	3,827	210	5.49%	Lower
Harwich	12,589	481	69	39.2	Lower	13,113	1,271	79	6.22%	Lower
Mashpee	15,535	505	97	44.6	Lower	17,192	1,707	103	6.03%	Lower
Orleans	5,620	134	31	39.4	Higher	4,731	533	32	6.00%	Higher
Provincetown	2,583	57	6	16.6	Lower	3,569	253	7	2.77%	Lower
Sandwich	21,078	734	171	57.9	Lower	20,264	1,940	194	10.00%	Lower
Truro	1,968	25	6	21.8	Higher	1,573	105	6	5.71%	Higher
Wellfleet	2,760	44	7	18.1	No Change	2,213	158	8	5.06%	Higher
Yarmouth	24,062	954	166	49.3	Lower	26,824	3,084	181	5.87%	Lower
Barnstable County	216,629	8,374	1,435	47.3	Lower	243,667	24,912	1,584	6.36%	Lower
Aquinnah	261	<5	0	0	Lower	454	25	0	0%	Lower
Chilmark	759	12	0	0	Lower	3,004	198	0	0%	Lower
Edgartown	4,086	222	34	59.4	Lower	9,275	680	36	5.29%	Lower
Gosnold	45	5	0	0	No Change	119	3	0	0%	No Change
Oak Bluffs	5,209	189	36	49.4	Higher	6,266	499	44	8.82%	Higher
Tisbury	4,174	233	39	66.7	Lower	11,704	896	39	4.35%	Lower
West Tisbury	2,871	78	8	19.9	Lower	4,138	293	8	2.73%	Lower
Dukes County	17,404	744	118	48.0	Lower	34,960	2,594	127	4.90%	Lower
Nantucket	11,416	1,005	180	112.6	Lower	18,305	1,926	181	9.40%	Lower
Dukes and Nantucket Counties	28,820	1,805	227	56.3	Lower	54,102	4,266	238	5.58%	Lower
State	6,964,383	484,639	57,942	59.4	Lower	13,192,478	1,224,945	67,544	5.51%	Lower

Data Source: MA DPH, 1/28/21 Weekly COVID Report (<https://www.mass.gov/info-details/covid-19-response-reporting>); Analysis: V. Harik BCDHS.

Massachusetts COVID Testing Rates, As Applied to Barnstable County (Thru 1/23/21)

Sources: Census.gov; MA DPH Weekly COVID Report, 1/21/21. Analysis: V. Harik, BCDHS

	MA	Barnstable County
Population Estimate (via DPH)	6,964,383	216,629
	Barnstable County % of MA Pop.	3.11%
	Barn. County % of Total MA Tests	1.85%
	Barn. County % of MA Tests, Past Two Weeks	2.03%
	Barn. County % of MA <u>Total Confirmed</u> Cases	1.73%
	Barn. County % of MA <u>Confirmed Cases</u> , Past Two Weeks	2.48%
	MA % Positive Tests Last 14 Days	5.51%
	Barnstable County % Positive Tests Last 14 Days	6.36%

Vaira Harik, Barnstable County Dept of Human Services
COVID Daily Update Chart Package, 2/3/21

Active COVID Clusters by Exposure Setting Type for the Period 12/27/20 to 1/23/21 (as of 1/26/21)

Source: <https://www.mass.gov/info-details/covid-19-response-reporting>. Tabulation: V. Harik, Barnstable County DHS

Sorted by Number of Cases in New Cluster Settings

	Exposure Setting	New Clusters (Identified 12/27/20 – 1/23/21)			Ongoing Clusters (Cluster Identified Prior to 12/27 But Not Meeting Criteria for Closing)			Total		
		Clusters	Confirmed Cases	Close Contacts	Clusters	Confirmed Cases	Close Contacts	Clusters	Confirmed Cases	Close Contacts
1	Household	22,544	57,981	---	27,314	8,130	---	49,858	66,111	---
2	Long Term Care Facilities	74	870	---	268	2,795	---	342	3,665	---
3	Child Care	139	434	587	264	184	269	403	618	856
4	24/7 Congregate Settings	47	263	50	88	101	21	135	364	71
5	Social Gatherings	35	245	95	67	35	18	102	280	113
6	Senior Living	39	233	33	134	622	156	173	855	189
7	Organized Athletics/Camps	29	99	279	29	26	76	58	125	355
8	Hospitals	16	91	95	49	197	100	65	288	195
9	K-12 Schools	20	87	66	44	43	50	64	130	116
10	Industrial Settings	12	77	41	58	120	38	70	197	79
11	Retail & Services	20	73	36	45	64	28	65	137	64
12	Restaurants & Food Courts	15	61	13	45	33	24	60	94	37
13	Corrections	5	48	9	18	1,122	61	23	1,170	70
14	Other Healthcare	16	47	18	34	19	19	50	66	37
15	Other Workplaces	9	32	8	44	26	15	53	58	23
16	Colleges & Universities	8	31	21	12	2	.	20	33	21
17	Shelters	3	23	8	5	16	41	8	39	49
18	Offices	4	20	1	15	10	23	19	30	24
19	Places of Worship	2	17	1	13	67	88	15	84	89
20	Other Food Establishments	4	15	.	13	22	5	17	37	5
21	Recreation/Cultural	1	8	.	5	13	4	6	21	4
22	Other	1	6	.	4	20	22	5	26	22
23	Travel & Lodging	.	.	.	2	.	.	2	.	.
	TOTAL	23,043	60,761	1,361	28,570	13,667	1,058	51,613	74,428	2,419

New Clusters: Clusters with the first case (indicated by the first positive lab result) identified during the four week period 12/27/2020 – 1/23/2021

Ongoing Clusters: Clusters with the first case identified prior to 12/27 that has not met criteria to be closed. Confirmed cases included in ongoing clusters occurred between 12/27 and 1/23 but are associated with a cluster that began prior to 12/27. Close contacts included in ongoing clusters occurred between 12/27 and 1/23 but are associated

Closed Clusters: A cluster is closed after 28 days have passed since the last confirmed case; 30,742 clusters are closed, 192,863 cases are associated with closed clusters

Source of data: Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences. Long Term Care Facility Data from the National Healthcare Safety Network beginning 5/31/2020. All other data from MAVEN and are subject to change. Only clusters consisting of two or more confirmed Massachusetts cases with a common exposure have been included.

Updated 1/25/21

When can I get a COVID-19 vaccine in MA?

PHASE ONE
In order of priority

- Clinical and non-clinical healthcare workers doing direct and COVID-facing care
- Long term care facilities, rest homes and assisted living facilities
- First responders (EMS, Fire, Police)
- Congregate care settings (including corrections and shelters)
- Home-based healthcare workers
- Healthcare workers doing non-COVID-facing care

PHASE TWO
In order of priority

- Individuals 75+
- Individuals 65+, Individuals with 2+ comorbidities (those that are at increased risk for severe illness)
- Early education and K-12 workers, transit, grocery, utility, food and agriculture, sanitation, public works and public health workers
- Individuals with one comorbidity

PHASE THREE
Vaccine available to general public

December - February
Estimated timeframes

February - April

April - June
Updated 1/25/2021