VACCINATION DATA REPORT Fitchburg Friday, July 9, 2021

Fitchburg - Benchmarks

Vaccine Administration

- 1. The per-capita dose administration rate (total doses) in **Fitchburg** and whether they have met or exceeded the overall statewide average
- 2. The percentage of **Fitchburg** that has received a First Dose and whether they have met or exceeded the overall statewide average
 - The percentage of each **Age groups** that has received a **First Dose** of vaccine and whether they have met or exceeded the age -specific statewide averages for each age group.
 - The percentage of each **Sex and Race/Ethnicity groups** that has received a **First Dose** of vaccine and whether they have met or exceeded the overall statewide average.
- 3. The percentage of **Fitchburg** that has been Partially and Fully Vaccinated and whether they have met or exceeded the statewide average
 - The percentage of each **Age groups** that has been **Partially and Fully Vaccinated** and whether they have met or exceeded the **age-specific statewide averages** for each Age group.
 - The percentage of each Sex and Race/Ethnicity groups that has been Partially and Fully Vaccinated and whether they have met or exceeded the overall statewide averages.

Communities with highest COVID-19 burden

1. Decrease COVID-19 Incidence in Fitchburg based on the average daily incidence per 100,000 (as published in the Daily Interactive COVID -19 dashboard).

Vaccination Definitions

- First Dose– Anyone who has received any vaccine (at least the 1st dose of Moderna/Pfizer vaccine or Johnson & Johnson vaccine)
- 2. Partially Vaccinated Anyone who has received only the 1st dose of Moderna/Pfizer vaccine
- 3. Fully Vaccinated Anyone who has received the 2nd dose of Moderna/Pfizer or Johnson & Johnson Vaccine

VACCINE ADMINISTRATION

Total Doses and Dose Administration Rate/100,000 Population for Fitchburg Compared to Statewide as of 7/7/2021

Vaccine Administration Benchmark

- Per-capita dose administration rate for Fitchburg compared to the overall state rate of **124,717.6** per 100,000.
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	Grand Total Doses Administered	Administered Rate per 100K
Fitchburg	40,591	96,362.4
MA Statewide	8,685,809	124,717.6

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

Data Current as of 7/7/2021

Count and Percentage of Population for First Dose, Partially, and Fully Vaccinated for Fitchburg Compared to Statewide as of 7/7/2021

Vaccine Administration Benchmark

- Percentage of Fitchburg that has received a First Dose of vaccine and whether the community has met or exceeded the statewide average of 67.7%.
- Percentage of Fitchburg that is Partially Vaccinated and whether they have met or exceeded the state average of 6.8%.
- The percentage of Fitchburg that is Fully Vaccinated and whether they have met or exceeded the state average of 61.0% .
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	First Dose ^	% of Community with First Dose
Fitchburg	22,520	53.5%
MA Statewide	4,717,304	67.7%

TOWN	Partailly Vaccinated ^ ^	% of Community, Partially Vaccinated	Fully Vaccinated ^ ^ ^	% of Community, Fully Vacccinated
Fitchburg	3,290	7.8%	19,230	45.7%
MA Statewide	470,096	6.8%	4,247,208	61.0%

Data Current as of 7/7/2021

[^]First Dose: Anyone who has received any vaccine (1st dose of Moderna/Pfizer vaccine or Johnson & Johnson vaccine)

^^Partially Vaccinated: Anyone who has received only the 1st dose of Moderna/Pfizer vaccine

^^^Fully Vaccinated: Anyone who has received the 2nd dose of Moderna/Pfizer or Johnson & Johnson Vaccine

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data

FIRST DOSE

Anyone who has received any vaccine (at least the 1st dose of Moderna/Pfizer or Johnson & Johnson)

Counts and Percentages of Population with a First Dose by Demographics for Fitchburg Compared to Statewide as of 7/7/2021

Vaccine Administration Benchmark

- Percentage by **Age Group** with **a First Dose** and whether they have met or exceeded the statewide age-specific group average of:
 - **62.8% for** ages 0-64
 - **92.6% for** ages 65-74
 - 90.8% for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	0-64 Years, Count	0 - 64 Years, % of Population	65-74 Years, Count	65 - 74 Years, % of Population	75+ Years, Count	75+ Years, % of Population
Fitchburg	17,274	47.7%	3,178	92.5%	2,068	84.7%
MA Statewide	3,637,104	62.8%	632,348	92.6%	447,852	90.8%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

For populations <50,000 dose counts, 1-29 cases are reported as such or are suppressed for confidentiality purposes. Percentages are not calculated for suppressed counts. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data.

Counts and Percentages of Population with a First Dose by Demographics for Fitchburg Compared to Statewide as of 7/7/2021 contd.

Vaccine Administration Benchmark

- The percentage of **Sex and Race/Ethnicity groups** that have received **a First Dose** of vaccine and whether they have or exceeded the overall state average of 67.7%.
- Groups that have met or exceeded the overall statewide average are shaded blue.

Sex and Dose	Female	e, First Dose	Male,	First Dose	Unknown/Undifferentiated, First Dose			
TOWN	Count	% of Population	Count	% of Population	Count	% of Population		
Fitchburg	12,198	56.7%	10,232	49.7%	90			
MA Statewide	2,514,842	70.2%	2,163,343	64.0%	39,119			

Race/Ethnicity and Dose	Indian/	merican 'Alaska Native L, First Dose	Asian nH/r	nL, First Dose	_	H/nL, First ose		Latinx, First ose		Races nH/nL, t Dose	Hawa Islander	Native iian/Pacific r nH/nL, First Dose	D	Other nH/nL, First Dose		., First Dose
TOWN	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population
Fitchburg	(1-29)		906	63.5%	1,011	48.7%	4,902	39.2%	376	38.3%	(1-29)		692		13,735	53.8%
MA Statewide	5,057	43.4%	331,613	67.3%	257,057	50.5%	422,161	49.1%	107,810	84.2%	2,572	95.4%	178,787		3,171,519	64.0%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

For populations < 50,000 dose counts, 1-29 cases are reported as such or are suppressed for confidentiality purposes. Percentages are not calculated for suppressed counts. Percentages are not calculated for Other and Unknown denominators. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data.

*Other includes individuals that are reported as Other. Some large vaccination sites report race/ethnicity as "Other." **Missing/Unknown is defined on page 16.

nH/nL = Non – Hispanic/Non-Latinx;

PARTIALLY VACCINATED Anyone who has received only the 1st dose of Moderna/Pfizer Vaccine

Counts and Percentages of Population Partially Vaccinated by Demographics for Fitchburg Compared to Statewide as of 7/7/2021

Vaccine Administration Benchmark

- Percentage by **Age Group** who are **Partially Vaccinated** and whether they have met or exceeded the statewide age-specific groups average of:
 - **6.6%** for ages 0-64
 - **6.8%** for ages 65-74
 - 8.1% for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	0-64 Years, Count	0 - 64 Years, % of Population	65 -74 Years, Count	65 - 74 Years, % of Population	75+ Years, Count	75+ Years, % of Population
Fitchburg	2,654	7.3%	395	11.5%	241	9.9%
MA Statewide	383,307	6.6%	46,742	6.8%	40,047	8.1%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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Counts and Percentages of Population Partially Vaccinated by Demographics for Fitchburg Compared to Statewide as of 7/7/2021 contd.

Vaccine Administration Benchmark

- Percentage of Sex and Race/Ethnicity groups that have been Partially Vaccinated and whether they have met or exceeded the overall state average of 6.8%.
- Groups that have met or exceeded the overall statewide average are shaded blue.

Sex and Dose	Female, Pa	rtially Vaccinated	Male, Par	tially Vaccinated	Unknown/Undifferentiated, Partially Vaccinated			
TOWN	Count	% of Population	Count	% of Population	Count	% of Population		
Fitchburg	1,708 7.9%		1,552	7.5%	30			
MA Statewide	e 236,580 6.6%		219,085	6.5%	14,431			

Race/Ethnicity and Dose	India Nati	merican an/Alaska ve nH/nL, y Vaccinated	Vac	l/nL, Partially cinated		ick nH/nL, Partially Hispanic/Latinx, Vaccinated Partially Vaccinated			Multiple Races nH/nL, Partially Vaccinated		Native Hawaiian/Pacific Islander nH/nL, Partially Vaccinated		Other nH/nL, Partially Vaccinated		White nH/nL, Partially Vaccinated	
TOWN	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population
Fitchburg	(1-29)		164	11.5%	181	8.7%	1,179	9.4%	(1-29)		0	0.0%	144		1,273	5.0%
MA Statewide	808	6.9%	29,971	6.1%	33,846	6.6%	58,304	6.8%	7,392	5.8%	375	13.9%	27,463		248,209	5.0%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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*Other includes individuals that are reported as Other. Some large vaccination sites report race/ethnicity as "Other." **Missing/Unknown is defined on page 16.

nH/nL = Non – Hispanic/Non-Latinx;

FULLY VACCINATED

Anyone who has received the 2nd dose of Moderna/Pfizer or Johnson & Johnson Vaccine

Counts and Percentages of Population Fully Vaccinated by Demographics for Fitchburg Compared to Statewide as of 7/7/2021

Vaccine Administration Benchmark

- Percentage by **Age Group** who are **Fully Vaccinated** and whether they have met or exceeded the statewide agespecific group average of:
 - 56.2% for ages 0-64
 - 85.8% for ages 65-74
 - 82.7% for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	0-64 Years, Count	0 - 64 Years, % of Population	65-74 Years, Count	65 -74 Years, % of Population	75+ Years, Count	75+ Years, % of Population
Fitchburg	14,620	40.3%	2,783	81.0%	1,827	74.8%
MA Statewide	3,253,797	56.2%	585,606	85.8%	407,805	82.7%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

For populations <50,000 dose counts, 1-29 cases are reported as such or are suppressed for confidentiality purposes. Percentages are not calculated for suppressed counts. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data.

Counts and Percentages of Population Fully Vaccinated by Demographics for Fitchburg Compared to Statewide as of 7/7/2021 contd.

Vaccine Administration Benchmark

- Percentage of Sex and Race/Ethnicity groups that have been Fully Vaccinated and whether they have met or exceeded the overall state average of 61.0%.
- Groups that have met or exceeded the overall statewide average are shaded blue.

Sex and Dose	Female, Fu	ully Vaccinated	Male, Fu	lly Vaccinated	Unknown/Undifferentiated, Fully Vaccinated			
TOWN	Sex Count	% of Population	Sex Count	% of Population	Sex Count	% of Population		
Fitchburg	10,490 48.8%		8,680	42.1%	60			
MA Statewide	2,278,262	63.6%	1,944,258	57.5%	24,688			

Race/Ethnicity and Dose	India Native	nerican an/Alaska nH/nL, Fully ccinated	Vacc	H/nL, Fully inated	Black nH/nL, Fully Vaccinated			nic/Latinx, Fully Multiple Races nH/nL, Native Vaccinated Fully Vaccinated Hawaiian/Pacific Islander nH/nL, Fully Vaccinated		Fully Vaccinated Hawaiian/Pacific Vaccinated Islander nH/nL, Fully Vaccinated		5		/nL, Fully nated		
TOWN	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population	Count	% of Population
Fitchburg	(1-29)		742	52.0%	830	40.0%	3,723	29.8%	351	35.8%	(1-29)		548		12,462	48.8%
MA Statewide	4,249	36.5%	301,642	61.2%	223,211	43.8%	363,857	42.4%	100,418	78.4%	2,197	81.5%	151,324		2,923,310	59.0%

Data Current as of 7/7/2021

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

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*Other includes individuals that are reported as Other. Some large vaccination sites report race/ethnicity as "Other." **Missing/Unknown is defined on page 16.

nH/nL = Non - Hispanic/Non-Latinx;

Count and Percentage of Missing Race/Ethnicity for First Dose, Partial and Full Vaccinations for Fitchburg Compared to Statewide as of 7/7/2021

TOWN	Missing, First Dose	% of Missing, First Dose	Missing, Partially Vaccinated	% of Missing, Partially Vaccinated	Missing, Fully Vaccinated	% of Missing, Fully Vaccinated	
Fitchburg	860	3.8%	316	9.6%	544	2.8%	
MA Statewide	240,728	5.1%	63,728	13.6%	177,000	4.2%	

Data Current as of 7/7/2021

1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case. 2. If no information is provided by any reporter on a case's race or ethnicity, DPH classifies it as missing. 3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information. Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data.

Communities COVID -19 Burden

COVID-19 Case Counts and Rates for 20 Prioritized Communities

<u>City/Towns with highest burden</u>

• Decrease COVID-19 Incidence in the City/Towns based on average daily incidence per 100,000 (daily interactive COVID-19 dashboard)

Community	Total Case Counts	Two Week Case Counts	Average Daily Incidence Rate	Total Case Counts (7/8/2021)	Two Week Case Counts	Average Daily Incidence Rate per 100,000
	(12/24/2020)	(12/24/2020)	per 100,000	(7/8/2021)	(7/8/2021)	(7/8/2021)
	(12/24/2020)	(12/24/2020)	(12/24/2020)		(7/0/2021)	(7/8/2021)
Boston	36,686	5,732	59.1	71,067	103	1.1
Brockton	8,013	987	71.0	14,213	24	1.7
Chelsea	5,880	707	136.8	8,904	12	2.3
Everett	4,930	808	118.9	8,637	7	1.0
Fall River	7,079	1,296	103.6	14,332	18	1.4
Fitchburg	2,522	476	80.7	4,807	<5	0.5
Framingham	4,681	723	69.4	8,359	10	1.0
Haverhill	4,217	901	97.6	8,337	26	2.8
Holyoke	2,770	414	72.8	5,735	<5	0.7
Lawrence	12,568	2,116	172.3	20,381	31	2.5
Leominster	2,541	573	101.4	5,007	5	0.9
Lowell	9,844	1,966	120.9	17,694	44	2.7
Lynn	10,212	1,758	124.5	17,419	18	1.3
Malden	3,676	718	75.8	7,222	6	0.6
Methuen	4,154	909	120.6	7,660	11	1.5
New Bedford	6,943	1,413	100.9	14,841	25	1.8
Randolph	2,075	325	67.4	4,225	9	1.9
Revere	6,188	1,151	135.1	10,822	12	1.4
Springfield	10,159	1,837	84.0	22,261	43	2.0
Worcester	13,435	2,295	85.6	23,906	42	1.6
MA Statewide	322,652	61,603	63.2	664,307	1,001	1.0

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Office of Population Health.

Data Current as of 7/8/2021 from MA weekly vaccination dashboard, https://www.mass.gov/info-details/massachusetts-covid-19-vaccination-data-and-updates#weekly-covid-19-vaccination-dashboard-

Profile of Fitchburg by Race/Ethnicity

TOWN	Total Pop	American Indian/Alaska Native nH/nL	% of Population, American Indian/ Alaska Native, nH/nL	Asian nH/nL	% of Population, Asian, nH/nL	Black nH/nL	% of Population, Black, nH/nL	Hispanic /Latinx	% of Population , Hispanic/L atinx	nH/nL	% of Population, Multiple Races, nH/nL	Native Hawaiian/ Pacific Islander nH/nL	% of Population, Native Hawaiian/ Pacific Islander, nH/nL	White nH/nL	% of Population, White, nH/nL
Fitchburg	42,123	73	0.2%	1,427	3.4%	2,074	4.9%	12,509	29.7%	981	2.3%	(1-29)		25,511	60.6%
MA Statewide	6,964,383	11,644	0.2%	492,858	7.1%	509,228	7.3%	859,095	12.3%	128,005	1.8%	2,695	0.0%	4,955,521	71.2%

Population percentage calculations provided by UMass Donahue Inst. based on Strate S, et al. Small Area Population Estimates for 2011 through 2020, published March 2020 (original report published Oct 2016) Percentages for Other and Unknown were not calculated due to unknown denominators. nH/nL = Non – Hispanic/Non-Latinx