



VACCINATION DATA REPORT

FRAMINGHAM

4/9/2021

Framingham – Benchmarks



Vaccine Administration

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

Communities with highest COVID-19 burden

1. **Decrease risk levels from red towards grey in Framingham based on the average daily incidence per 100,000 (as published in the weekly COVID-19 public health report).**



Vaccination Definitions

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



VACCINE ADMINISTRATION

Total Doses and Dose Administration Rate/100,000 Population for Framingham Compared to Statewide as of 4/7/2021



Vaccine Administration Benchmark

- Per-capita dose administration rate for Framingham compared to the overall state rate of **59,033.6 per 100,000**.
- Framingham has not met or exceeded the overall state average.

Community	<u>Total Doses Administered</u>	<u>Administered Rate per 100K</u>
Framingham	43,249	58,132.1
MA Statewide	4,111,327	59,033.6

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 4/7/2021

Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.

Count and Percentage of Population for First Dose, Partially, and Fully Vaccinated for Framingham Compared to Statewide as of 4/7/2021



Vaccine Administration Benchmark

- Percentage of Framingham that has received a **First Dose** of vaccine and whether the community has met or exceeded the statewide average of **38.1%**.
- Percentage of Framingham that is **Partially Vaccinated** and whether they have met or exceeded the state average of **15.5%**.
- The percentage of Framingham that is **Fully Vaccinated** and whether they have met or exceeded the state average of **22.6%**.
- Framingham has met or exceeded the overall state averages in two of the three metrics

Community	<u>First Dose</u> [^]	% of city/town population with First Dose	Difference from state average
Framingham	28,468	38.3%	0.2%
MA Statewide	2,653,584	38.1%	0.0%

Community	<u>Partially Vaccinated</u> ^{^^}	% of Community population Partially Vaccinated	Difference from state average	<u>Fully Vaccinated</u> ^{^^^}	% of community population Fully Vaccinated	Difference from state average
Framingham	12,757	17.1%	1.6%	15,711	21.1%	-1.5%
MA Statewide	1,082,511	15.5%	0.0%	1,571,073	22.6%	0.0%

[^]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.

Data Current as of 4/7/2021

Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.



FIRST DOSE

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

Counts and Percentages of Population with a First Dose by Demographics for Framingham Compared to Statewide as of 4/7/2021 contd.



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:
 - 29.2%** for ages 0-64
 - 80.3%** for ages 65-74
 - 83.6%** for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Age					
	0-64		65-74		75+	
	Count	% of 0-64 Population	Count	% of 65-74 Population	Count	% of 75+ Population
Framingham	18,976	30.2%	5,224	84.9%	4,268	78.4%
MA Statewide	1,692,674	29.2%	548,504	80.3%	412,406	83.6%

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.
 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.
 Data Current as of 4/7/2021
 Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.

Counts and Percentages of Population with a First Dose by Demographics for Framingham Compared to Statewide as of 4/7/2021



Vaccine Administration Benchmark

- The percentage of **Race/Ethnicity groups and Sex** that have received a **first dose** of vaccine and whether they have met or exceeded the overall state average of **38.1%**.
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Sex				
	Female		Male		Unknown/ Undifferentiated
	Count	% of Female Population	Count	% of Male Population	Count
Framingham	15,917	41.9%	12,351	33.9%	200
MA Statewide	1,515,801	42.3%	1,103,258	32.6%	34,525

Community	Race/ Ethnicity														
	American Indian/ Alaska Native, NH		Asian, NH		Black, NH		Hispanic		Multi, NH		Native Hawaiian /Pacific Islander, NH		White, NH		Other*
	Count	% of AI/AN, NH Population	Count	% of Asian, NH Population	Count	% of Black, NH Population	Count	% of Hispanic Population	Count	% of Multi, NH Population	Count	% of NH/PI, NH Population	Count	% of White, NH Population	Count
Framingham	---	---	1,372	21.2%	1,136	26.4%	3,421	28.5%	814	18.0%	---	---	17,976	37.8%	1,497
MA Statewide	2,456	21.1%	131,691	26.7%	129,341	25.4%	158,156	18.4%	47,975	37.5%	1,403	52.1%	1,913,335	38.6%	114,306

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.

Data Current as of 4/7/2021

*Other includes individuals that are reported as Other. Some large vaccination sites report race/ethnicity as "Other."

Missing Data can be found on page 16.

NH = Non – Hispanic; Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.



PARTIALLY VACCINATED

Anyone who has received only the 1st dose of Moderna/Pfizer vaccine

Counts and Percentages of Population Partially Vaccinated by Demographics for Framingham Compared to Statewide as of 4/7/2021 contd.



Vaccine Administration Benchmark

- Percentage by **Age Group** who are **partially vaccinated** and whether they have met or exceeded the statewide age-specific group average of:
 - 14.7%** for ages 0-64
 - 24.0%** for ages 65-74
 - 13.8%** for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Age					
	0-64		65-74		75+	
	Count	% of 0-64 Population	Count	% of 65-74 Population	Count	% of 75+ Population
Framingham	10,416	16.6%	1,650	26.8%	691	12.7%
MA Statewide	850,648	14.7%	163,762	24.0%	68,101	13.8%

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.
 Data Current as of 4/7/2021
 Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.

Counts and Percentages of Population Partially Vaccinated by Demographics for Framingham Compared to Statewide as of 4/7/2021



Vaccine Administration Benchmark

- Percentage of **Race/Ethnicity groups and Sex** that have been **partially vaccinated** and whether they have met or exceeded the overall state average of **15.5%**.
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Sex				
	Female		Male		Unknown/ Undifferentiated
	Count	% of Female Population	Count	% of Male Population	Count
Framingham	6,801	17.9%	5,823	16.0%	133
MA Statewide	578,653	16.2%	487,337	14.4%	16,521

Community	Race/ Ethnicity														
	American Indian/ Alaska Native, NH		Asian, NH		Black, NH		Hispanic		Multi, NH		Native Hawaiian /Pacific Islander, NH		White, NH		Other*
	Count	% of AI/AN, NH Population	Count	% of Asian, NH Population	Count	% of Black, NH Population	Count	% of Hispanic Population	Count	% of Multi, NH Population	Count	% of NH/PI, NH Population	Count	% of White, NH Population	Count
Framingham	---	---	694	10.7%	485	11.3%	2,342	19.5%	353	7.8%	---	---	7,230	15.2%	698
MA Statewide	1,124	9.7%	64,253	13.0%	52,057	10.2%	80,267	9.3%	19,747	15.4%	586	21.7%	752,114	15.2%	40,414

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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Data Current as of 4/7/2021

*Other includes individuals that are reported as Other. Some large vaccination sites report race/ethnicity as "Other."

Missing Data can be found on page 16.

NH = Non – Hispanic; Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.



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 Framingham Compared to Statewide as of 4/7/2021 contd.



Vaccine Administration Benchmark

- Percentage by **Age Group** who are **fully vaccinated** and whether they have met or exceeded the statewide age-specific group average of:
 - 14.5%** for ages 0-64
 - 56.3%** for ages 65-74
 - 69.8%** for ages 75+
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Age					
	<u>0-64</u>		<u>65-74</u>		<u>75+</u>	
	Count	% of 0-64 Population	Count	% of 65-74 Population	Count	% of 75+ Population
Framingham	8,560	13.6%	3,574	58.1%	3,577	65.7%
MA Statewide	842,026	14.5%	384,742	56.3%	344,305	69.8%

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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 Data Current as of 4/7/2021
 Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.

Counts and Percentages of Population Fully Vaccinated by Demographics for Framingham Compared to Statewide as of 4/7/2021



Vaccine Administration Benchmark

- Percentage of **Race/Ethnicity groups and Sex** that have been **fully vaccinated** and whether they have met or exceeded the overall state average of **22.6%**.
- Groups that have met or exceeded the overall statewide average are shaded darker.

Community	Sex				
	Female		Male		Unknown/ Undifferentiated
	Count	% of Female Population	Count	% of Male Population	Count
Framingham	9,116	24.0%	6,528	17.9%	67
MA Statewide	937,148	26.2%	615,921	18.2%	18,004

Community	Race/ Ethnicity														
	American Indian/ Alaska Native, NH		Asian, NH		Black, NH		Hispanic		Multi, NH		Native Hawaiian /Pacific Islander, NH		White, NH		Other*
	Count	% of AI/AN, NH Population	Count	% of Asian, NH Population	Count	% of Black, NH Population	Count	% of Hispanic Population	Count	% of Multi, NH Population	Count	% of NH/PI, NH Population	Count	% of White, NH Population	Count
Framingham	---	---	678	10.5%	651	15.2%	1,079	9.0%	461	10.2%	---	---	10,746	22.6%	799
MA Statewide	1,332	11.4%	67,438	13.7%	77,284	15.2%	77,889	9.1%	28,228	22.1%	817	30.3%	1,161,221	23.4%	73,892

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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 Missing Data can be found on page 16.
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Missing Race/Ethnicity Count and Percentage of Population Vaccinated for Framingham Compared to Statewide as of 4/7/2021



Community	Missing First Dose Count	Of those with First Dose Vaccine, Percent Missing	Missing Partially Vaccinated Count	Of those with Partially Vaccinated, Percent Missing	Missing Fully Vaccinated Count	Of those Fully Vaccinated, Percent Missing
Framingham	2,216	7.8%	942	7.4%	1,274	8.1%
MA Statewide	154,921	5.8%	71,949	6.6%	82,972	5.3%

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.

Data Current as of 4/7/2021

Note: This does not include administered vaccines through Veterans Affairs (VA), Indian Health Services (IHS). This data includes nursing homes that have been vaccinated through Federal Pharmacy Partnership Program (FPPP), Long Term Care Facilities, and Correctional Facilities.



CITY/TOWN COVID-19 BURDEN

COVID-19 Case Counts and Rates for 20 Prioritized Communities



City/Towns with highest burden

- Decrease risk levels from red towards grey in the City/Towns with highest COVID risk based on average daily incidence per 100,000 (weekly COVID-19 public health report)

Community	Total Case Counts (12/24/2020)	Two Week Case Counts (12/24/2020)	Average Daily Incidence Rate per 100,000 (12/24/2020)	Total Case Counts (4/8/2021)	Two Week Case Counts (4/8/2021)	Average Daily Incidence Rate per 100,000 (4/8/2021)
Boston	36,686	5,732	59.1	65,894	3,344	34.5
Brockton	8,013	987	71.0	12,915	432	31.1
Chelsea	5,880	707	136.8	8,389	142	27.5
Everett	4,930	808	118.9	8,180	254	37.4
Fall River	7,079	1,296	103.6	13,254	465	37.2
Fitchburg	2,522	476	80.7	4,421	107	18.1
Framingham	4,681	723	69.4	7,745	394	37.8
Haverhill	4,217	901	97.6	7,572	222	24.0
Holyoke	2,770	414	72.8	5,154	254	44.6
Lawrence	12,568	2,116	172.3	18,906	494	40.2
Leominster	2,541	573	101.4	4,702	114	20.2
Lowell	9,844	1,966	120.9	16,140	880	54.1
Lynn	10,212	1,758	124.5	16,413	520	36.8
Malden	3,676	718	75.8	6,690	270	28.5
Methuen	4,154	909	120.6	7,046	240	31.8
New Bedford	6,943	1,413	100.9	13,404	507	36.2
Randolph	2,075	325	67.4	3,885	174	36.1
Revere	6,188	1,151	135.1	10,159	306	35.9
Springfield	10,159	1,837	84.0	19,659	976	44.6
Worcester	13,435	2,295	85.6	22,286	603	22.5
MA Statewide	322,652	61,603	63.2	611,825	27,379	28.1

Average Daily Incidence Rate per 100,000 Color Calculations

Group	Population		
	Under 10K	10K-50K	Over 50K
Grey	Less than or equal to 10 total cases	Less than or equal to 10 total cases	Less than or equal to 15 total cases
Green	Less than or equal to 15 total cases	<10 avg cases/100k AND >10 total cases	<10 avg cases/100k AND >15 total cases
Yellow	Less than or equal to 25 total cases	≥10 avg cases/100k OR ≥5% pos rate	≥10 avg cases/100k OR ≥ 4% pos rate
Red	More than 25 total cases	≥10 avg cases/100k AND ≥5% pos rate	≥10 avg cases/100k AND ≥4% pos rate

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 4/6/2021 from MA weekly vaccination dashboard, <https://www.mass.gov/info-details/massachusetts-covid-19-vaccination-data-and-updates#weekly-covid-19-vaccination-dashboard->



BACKGROUND

Profile of Framingham by Race/Ethnicity



Community	Race/Ethnicity														
	Total Population	American Indian/Alaskan Native, NH	% of Population	Asian, NH	% of Population	Black, NH	% of Population	Hispanic	% of Population	Multi, NH	% of Population	Native Hawaiian/Pacific Islander, NH	% of Population	White, NH	% of Population
Framingham	74,398	161	0.2%	6,473	8.7%	4,297	5.8%	11,996	16.1%	4,525	6.1%	---	---	47,521	63.9%
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	<0.1%	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 = Non – Hispanic