# VACCINATION DATA REPORT Malden

Friday, June 25, 2021

### Malden - Benchmarks

#### **Vaccine Administration**

- 1. The per-capita dose administration rate (total doses) in Malden and whether they have met or exceeded the overall statewide average
- 2. The percentage of Malden 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 age -specific statewide averages for each age group.
- 3. The percentage of Malden 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 state averages.

#### **Communities with highest COVID-19 burden**

1. Decrease risk levels from red towards grey in Malden based on the average daily incidence per 100,000 (as published in the Daily Interactive COVID -19 dashboard).

### Vaccination Definitions

- 1. 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 Malden Compared to Statewide as of 6/23/2021

#### **Vaccine Administration Benchmark**

- Per-capita dose administration rate for Malden compared to the overall state rate of 121,882.6 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
Malden	81,675	120,723.9
MA Statewide	8,488,369	121,882.6

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 6/23/2021

### Count and Percentage of Population for First Dose, Partially, and Fully Vaccinated for Malden Compared to Statewide as of 6/23/2021

#### **Vaccine Administration Benchmark**

- that has received a First Dose of vaccine and whether the community has met or exceeded the Malden Percentage of statewide average of 66.7%.
- Percentage of Malden that is **Partially Vaccinated** and whether they have met or exceeded the state average of **7.6%**.
- The percentage of Malden that is Fully Vaccinated and whether they have met or exceeded the state average of 59.1%.
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	First Dose ^	% of Community with First Dose
Malden	44,879	66.3%
MA Statewide	4,645,874	66.7%

TOWN	Partailly Vaccinated ^^	% of Community, Partially Vaccinated	Fully Vaccinated ^^^	% of Community, Fully Vacccinated
Malden	5,209	7.7%	39,670	58.6%
MA Statewide	531,860	7.6%	4,114,014	59.1%

#### Data Current as of 6/23/2021

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. Percentage calculations may be > 100% due to differences in data sources for population denominators and vaccination data.

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

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

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

### 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 Malden Compared to Statewide as of 6/23/2021

#### **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:
  - **61.7% for** ages 0-64
  - **92.2% for** ages 65-74
  - **90.5% for** ages 75+
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	0-64 Years,	0 - 64 Years,	65-74 Years,	65 - 74 Years,	75+ Years,	75+ Years,
	Count	% of	Count	% of	Count	% of
		Population		Population		Population
▼						
Malden	37,249	62.9%	4,656	91.4%	2,974	89.5%
MA Statewide	3,569,820	61.7%	629,551	92.2%	446,503	90.5%

#### Data Current as of 6/23/2021

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 Malden Compared to Statewide as of 6/23/2021 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 **66.7%**.
- 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		
Malden	23,348	68.0%	21,372	64.1%	159			
MA Statewide	2,478,783 69.2%		2,127,298	62.9%	39,793			

Race/Ethnicity and Dose	Indian/	merican Alaska Native L, First Dose		nL, First Dose	_	H/nL, First ose		Latinx, First ose	•	First Dose Islander nH/nL, First Dose		First Dose Hawaiian/Pacific Dose Islander nH/nL, First Dose		Dose		L, 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
Malden	48	59.6%	12,087	65.1%	4,656	33.0%	4,200	54.1%	1,207	76.6%	30	>100.0%	3,004		16,923	65.0%
MA Statewide	5,016	43.1%	325,909	66.1%	249,128	48.9%	407,736	47.5%	104,221	81.4%	2,552	94.7%	176,381		3,135,022	63.3%

#### Data Current as of 6/23/2021

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;

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

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### PARTIALLY VACCINATED

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

# Counts and Percentages of Population Partially Vaccinated by Demographics for Malden Compared to Statewide as of 6/23/2021

#### **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:
  - **7.6% for** ages 0-64
  - **7.2%** for ages 65-74
  - **8.4%** 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
Malden	4,637	7.8%	334	6.6%	238	7.2%
MA Statewide	441,312	7.6%	49,256	7.2%	41,292	8.4%

#### Data Current as of 6/23/2021

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 Partially Vaccinated by Demographics for Malden Compared to Statewide as of 6/23/2021 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 **7.6%**.
- 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		
Malden	2,605	7.6%	2,560	7.7%	44			
MA Statewide	266,625	7.4%	250,410	7.4%	14,825			

Race/Ethnicity and Dose	India Nati	merican an/Alaska ve nH/nL, y Vaccinated	Vac	/nL, Partially cinated		/nL, Partially cinated		nic/Latinx, Vaccinated	nH/n	iple Races L, Partially ccinated	Hawa Islan	Native iian/Pacific der nH/nL, y Vaccinated		/nL, Partially cinated		I/nL, Partially cinated
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
Malden	(1-29)		1,361	7.3%	726	5.1%	557	7.2%	104	6.6%	(1-29)		457		1,481	5.7%
MA Statewide	993	8.5%	36,182	7.3%	37,414	7.3%	65,992	7.7%	9,134	7.1%	423	15.7%	29,160		286,035	5.8%

#### Data Current as of 6/23/2021

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;

### **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 Malden Compared to Statewide as of 6/23/2021

#### **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:
  - **54.0% for** ages 0-64
  - **85.0% for** ages 65-74
  - **82.1% 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
Malden	32,612	55.1%	4,322	84.9%	2,736	82.3%
MA Statewide	3,128,508	54.0%	580,295	85.0%	405,211	82.1%

Data Current as of 6/23/2021

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 Malden Compared to Statewide as of 6/23/2021 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 **59.1%**.
- Groups that have met or exceeded the overall statewide average are shaded blue.

Sex and Dose	Female, F	ully Vaccinated	Male, Fu	lly Vaccinated	Unknown/Undifferentiated, Fully Vaccinated			
TOWN	Sex Count	% of Population	Sex Count	% of Population	Sex Count	% of Population		
Malden	20,743 60.4%		18,812	56.4%	115			
MA Statewide	2,212,158	61.7%	1,876,888	55.5%	24,968			

Race/Ethnicity and Dose	India Native	merican an/Alaska nH/nL, Fully ccinated	Vacc	H/nL, Fully iinated		H/nL, Fully cinated		Latinx, Fully iinated		Races nH/nL, /accinated	Hawa Islande	Native aiian/Pacific r nH/nL, Fully ccinated		H/nL, Fully inated	White nH Vaccii	•
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
Malden	40	49.7%	10,726	57.8%	3,930	27.8%	3,643	46.9%	1,103	70.0%	(1-29)		2,547		15,442	59.3%
MA Statewide	4,023	34.5%	289,727	58.8%	211,714	41.6%	341,744	39.8%	95,087	74.3%	2,129	79.0%	147,221		2,848,987	57.5%

#### Data Current as of 6/23/2021

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;

### Count and Percentage of Missing Race/Ethnicity for First Dose, Partial and Full Vaccinations for Malden Compared to Statewide as of 6/23/2021

TOWN	Missing, First Dose	% of Missing, First Dose	Missing, Partially Vaccinated	% of Missing, Partially Vaccinated	Missing, Fully Vaccinated	% of Missing, Fully Vaccinated	
Malden	2,724	6.1%	510	9.8%	2,214	5.6%	
MA Statewide	239,909	5.2%	66,527	12.5%	173,382	4.2%	

#### Data Current as of 6/23/2021

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

#### **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 (daily interactive COVID-19 dashboard)

Average Daily Incidence Rate per 100,000 Color Calculation

Population									
Group	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						

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Community	Total Case	Two Week	Average Daily	Total Case Counts	Two Week	Average Daily Incidence Rate per 100,000	
	Counts	Case Counts	Incidence Rate	(6/24/2021)	Case Counts		
	(12/24/2020)	(12/24/2020)	per 100,000		(6/24/2021)	(6/24/2021)	
			(12/24/2020)				
Boston	36,686	5,732	59.1	70,967	131	1.4	
Brockton	8,013	987	71.0	14,191	33	2.4	
Chelsea	5,880	707	136.8	8,895	10	1.9	
Everett	4,930	808	118.9	8,631	11	1.6	
Fall River	7,079	1,296	103.6	14,313	46	3.7	
Fitchburg	2,522	476	80.7	4,802	15	2.5	
Framingham	4,681	723	69.4	8,351	11	1.1	
Haverhill	4,217	901	97.6	8,315	25	2.7	
Holyoke	2,770	414	72.8	5,735	9	1.6	
Lawrence	12,568	2,116	172.3	20,355	38	3.1	
Leominster	2,541	573	101.4	5,006	14	2.5	
Lowell	9,844	1,966	120.9	17,688	34	2.1	
Lynn	10,212	1,758	124.5	17,402	60	4.3	
Malden	3,676	718	75.8	7,215	23	2.4	
Methuen	4,154	909	120.6	7,646	10	1.3	
New Bedford	6,943	1,413	100.9	14,819	32	2.3	
Randolph	2,075	325	67.4	4,220	14	2.9	
Revere	6,188	1,151	135.1	10,809	19	2.2	
Springfield	10,159	1,837	84.0	22,228	44	2.0	
Worcester	13,435	2,295	85.6	23,861	53	2.0	
MA Statewide	322,652	61,603	63.2	663,400	1,179	1.2	

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 6/24/2021 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 Malden by Race/Ethnicity

TOWN	Total Pop	American	% of	Asian	% of	Black	% of	Hispanic	% of	Multiple	% of	Native	% of	White	% of
•		Indian/Alaska Native nH/nL	Population, American Indian/ Alaska Native, nH/nL	nH/nL	Population, Asian, nH/nL	nH/nL	Population, Black, nH/nL	/Latinx	Population , Hispanic/L atinx	Races nH/nL	Population, Multiple Races, nH/nL	Hawaiian/ Pacific Islander nH/nL	Population, Native Hawaiian/ Pacific Islander, nH/nL	nH/nL	Population, White, nH/nL
Malden	67,654	81	0.1%	18,567	27.4%	14,125	20.9%	7,765	11.5%	1,575	2.3%	(1-29)		26,025	38.5%
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%