VACCINATION DATA REPORT Chelsea

Friday, June 4, 2021

Chelsea - Benchmarks

Vaccine Administration

- 1. The per-capita dose administration rate (total doses) in Chelsea and whether they have met or exceeded the overall statewide average
- 2. The percentage of Chelsea 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 Chelsea 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 **Chelsea** 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 Chelsea Compared to Statewide as of 6/2/2021

Vaccine Administration Benchmark

- Per-capita dose administration rate for Chelsea compared to the overall state rate of 113,313.4 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
Chelsea	42,064	113,938.0
MA Statewide	7,891,577	113,313.4

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 6/2/2021

Count and Percentage of Population for First Dose, Partially, and Fully Vaccinated for Chelsea Compared to Statewide as of 6/2/2021

Vaccine Administration Benchmark

- Chelsea that has received a First Dose of vaccine and whether the community has met or exceeded the Percentage of statewide average of 63.9%.
- that is **Partially Vaccinated** and whether they have met or exceeded the state average of 10.9%. Percentage of Chelsea
- The percentage of Chelsea that is Fully Vaccinated and whether they have met or exceeded the state average of 53.0%.
- Groups that have met or exceeded the overall statewide average are shaded blue.

TOWN	First Dose ^	% of Community with First Dose
Chelsea	24,874	67.4%
MA Statewide	4,449,810	63.9%

TOWN	Partailly Vaccinated ^^	% of Community, Partially Vaccinated	Fully Vaccinated ^^^	% of Community, Fully Vacccinated
Chelsea	5,795	15.7%	19,079	51.7%
MA Statewide	755,831	10.9%	3,693,979	53.0%

Data Current as of 6/2/2021

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.

[^]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

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 Chelsea Compared to Statewide as of 6/2/2021

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:
 - **58.5% for** ages 0-64
 - **91.1% for** ages 65-74
 - **89.7% 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
A						
Chelsea	21,447	64.3%	2,046	97.8%	1,381	93.9%
MA Statewide	3,384,922	58.5%	622,216	91.1%	442,672	89.7%

Data Current as of 6/2/2021

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 Chelsea Compared to Statewide as of 6/2/2021 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 **63.9%**.
- 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	
Chelsea	12,765 71.8%		12,018	62.8%	91		
MA Statewide	2,383,652 66.5%		2,027,228	59.9%	38,930		

Race/Ethnicity and Dose	Indian/	merican Alaska Native L, First Dose	Asian nH/r	nL, First Dose	_	H/nL, First ose		Latinx, First lose		Races nH/nL, st Dose	Hawa Islande	Native iian/Pacific r nH/nL, First Dose	D	H/nL, First ose	White nH/nl	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
Chelsea	(1-29)		942	>100.0%	1,342	40.2%	12,865	51.3%	265	63.2%	(1-29)		1,532		5,790	79.2%
MA Statewide	4,713	40.5%	310,566	63.0%	230,818	45.3%	368,581	42.9%	96,932	75.7%	2,445	90.7%	168,478		3,035,840	61.3%

Data Current as of 6/2/2021

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;

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 Chelsea Compared to Statewide as of 6/2/2021

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:
 - 11.3% for ages 0-64
 - **8.2%** for ages 65-74
 - **9.0%** 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
Chelsea	5,450	16.3%	202	9.7%	143	9.7%
MA Statewide	655,456	11.3%	56,156	8.2%	44,219	9.0%

Data Current as of 6/2/2021

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 Chelsea Compared to Statewide as of 6/2/2021 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 **10.9%**.
- 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		
Chelsea	2,830	15.9%	2,923	15.3%	42			
MA Statewide	375,384	10.5%	364,979	10.8%	15,468			

Race/Ethnicity and Dose	India Nativ	nerican an/Alaska ve nH/nL, v Vaccinated	Vac	/nL, Partially cinated	I	/nL, Partially cinated		nic/Latinx, Vaccinated		Races nH/nL, Vaccinated	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
Chelsea	(1-29)		158	19.5%	294	8.8%	3,044	12.1%	47	11.2%	0	0.0%	370		839	11.5%
MA Statewide	1,229	10.6%	58,580	11.9%	48,774	9.6%	87,371	10.2%	16,574	12.9%	574	21.3%	35,210		434,311	8.8%

Data Current as of 6/2/2021

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 Chelsea Compared to Statewide as of 6/2/2021

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:
 - **47.2% for** ages 0-64
 - **82.9% for** ages 65-74
 - **80.8% 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
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Chelsea	15,997	48.0%	1,844	88.2%	1,238	84.2%
MA Statewide	2,729,466	47.2%	566,060	82.9%	398,453	80.8%

Data Current as of 6/2/2021

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 Chelsea Compared to Statewide as of 6/2/2021 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 **53.0%**.
- 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		
Chelsea	9,935	55.9%	9,095	47.5%	49			
MA Statewide	2,008,268	56.1%	1,662,249	49.2%	23,462			

Race/Ethnicity and Dose	India Native	merican an/Alaska nH/nL, Fully ccinated	Vacc	H/nL, Fully inated		H/nL, Fully iinated		Latinx, Fully inated		Races nH/nL, /accinated	Hawa Islande	Native aiian/Pacific r nH/nL, Fully ccinated		H/nL, Fully inated	White nH Vaccii	/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
Chelsea	(1-29)		784	96.8%	1,048	31.4%	9,821	39.1%	218	52.0%	(1-29)		1,162		4,951	67.8%
MA Statewide	3,484	29.9%	251,986	51.1%	182,044	35.7%	281,210	32.7%	80,358	62.8%	1,871	69.4%	133,268		2,601,529	52.5%

Data Current as of 6/2/2021

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 Chelsea Compared to Statewide as of 6/2/2021

TOWN	Missing, First Dose	% of Missing, First Dose	Missing, Partially Vaccinated	% of Missing, Partially Vaccinated	Missing, Fully Vaccinated	% of Missing, Fully Vaccinated
Chelsea	2,094	8.4%	1,037	17.9%	1,057	5.5%
MA Statewide	231,437	5.2%	73,208	9.7%	158,229	4.3%

Data Current as of 6/2/2021

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						

Community	Total Case	Two Week	Average Daily	Total Case Counts	Two Week	Average Daily Incidence Rate		
	Counts	Case Counts	Incidence Rate	(6/3/2021)	Case Counts	per 100,000		
	(12/24/2020)	(12/24/2020)	per 100,000 (12/24/2020)		(6/3/2021)	(6/3/2021)		
Boston	36,686	5,732	59.1	70713	380	3.9		
Brockton	8,013	987	71.0	14133	150	10.8		
Chelsea	5,880	707	136.8	8878	47	9.1		
Everett	4,930		118.9	8618	43	6.3		
Fall River	7,079	1,296	103.6	14233	125	10.0		
Fitchburg	2,522		80.7	4779	26	4.4		
Framingham	4,681	723	69.4	8324	74	7.1		
Haverhill	4,217	901	97.6	8268	67	7.3		
Holyoke	2,770	414	72.8	5711	29	5.1		
Lawrence	12,568	2,116	172.3	20278	156	12.7		
Leominster	2,541	573	101.4	4988	24	4.2		
Lowell	9,844	1,966	120.9	17626	103	6.3		
Lynn	10,212	1,758	124.5	17325	98	6.9		
Malden	3,676	718	75.8	7179	44	4.6		
Methuen	4,154	909	120.6	7627	55	7.3		
New Bedford	6,943	1,413	100.9	14770	127	9.1		
Randolph	2,075	325	67.4	4186	22	4.6		
Revere	6,188	1,151	135.1	10775	48	5.6		
Springfield	10,159	1,837	84.0	22142	217	9.9		
Worcester	13,435	2,295	85.6	23737	119	4.4		
MA Statewide	322,652	61,603	63.2	661,394	3,824	3.9		

Profile of Chelsea by Race/Ethnicity

TOWN	Total Pop	American	% of	Asian	% of	Black	% of	Hispanic	% of	Multiple	% of	Native	% of	White	% of
		Indian/Alaska	Population,	nH/nL	Population,	nH/nL	Population,	/Latinx	Population	Races	Population,	Hawaiian/	Population,	nH/nL	Population,
		Native nH/nL	American		Asian, nH/nL		Black, nH/nL		,	nH/nL	Multiple	Pacific Islander	Native		White,
			Indian/						Hispanic/L		Races, nH/nL	nH/nL	Hawaiian/		nH/nL
			Alaska Native,						atinx				Pacific Islander,		
•			nH/nL										nH/nL		
Chelsea	36,918	53	0.1%	810	2.2%	3,336	9.0%	25,092	68.0%	420	1.1%	(1-29)		7,307	19.8%
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%