



Executive Office Report March 2021 Board Meeting

COVID-19 rete danjere e ki ka touye moun.

Seryezman konsidere pran vaksen kont COVID-19 epi kontinye pwoteje tèt ou ak moun ou renmen yo pa mete yon mask, pratike distans sosyal, evite gwoup yo.

Vaksen an san danje epi li mache, pou pwoteje 9 sou 10 moun kont COVID-19.

Tès yo te fè pou detèmine sekirite vaksen yo ak efikasite yo enkli dè milye de moun tout ras, laj, ak orijin.

Vaksen an gratis pou tout moun, ki gen ladan imigran yo ak moun ki pa gen asirans sante.

Chache konnen ki lè ou kalifye pou pran vaksen an lè ou vizite mass.gov/covidvaccinephases. Pou plis enfòmasyon sou COVID-19 ak vaksen an, vizite bphc.org/covid19vaccine.

HC

COVID-19 continues to be dangerous and deadly.

Strongly consider taking the COVID-19 vaccine and continue to protect yourself and your loved ones by wearing a mask, social distancing, avoiding groups.

The vaccine is safe and it works, protecting 9 out of 10 people from COVID-19.

Tests of vaccine safety and how well it works included thousands of people, of all races, ages, and backgrounds.

The vaccine is free of charge for everyone, including immigrants and those who don't have health insurance.



Find out when you are eligible to get the vaccine by visiting mass.gov/covidvaccinephases. For more information on COVID-19 and the vaccine, visit bphc.org/covid19vaccine



"I was vaccinated to protect the most vulnerable, feel safer hugging my grandchildren & visiting my loved ones."
Gina Etienne, Public Health Nurse, Communicable Disease Control, BPHC

"Mwen te pran vaksen an pou pwoteje moun ki pi fragil yo, poum santi m pi an sekirite poum anbwase pitit pitit mwen yo epi vizite moun mwen renmen yo."

Gina Etienne,
Public Health Nurse, Communicable Disease Control, BPHC



Building a Healthy Boston



COVID-19 sigue siendo peligroso y mortal.

Considere seriamente vacunarse contra COVID-19 y continúe protegiéndose a sí mismo y a sus seres queridos usando una máscara, practicando distanciamiento social, evitando grupos.

La vacuna es segura y funciona, protegiendo a 9 de cada 10 personas del COVID-19.

Las pruebas que hicieron para determinar la seguridad de las vacunas y su eficacia incluyeron a miles de personas de todas las razas, edades y procedencias.

La vacuna es gratuita para todos, incluidos los inmigrantes y los que no tienen seguro médico.

Averigüe cuándo es elegible para recibir la vacuna visitando mass.gov/covidvaccinephases. Para más información del COVID-19 y la vacuna, visite bphc.org/covid19vaccine

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"I got vaccinated because our mission is to protect, preserve, and promote the health and well-being of all Boston residents, particularly the most vulnerable. Protecting myself protects others."
Yuri Orellana, Human Resources Administrator, Homeless Services, BPHC

"Yo me vacuné porque nuestra misión es proteger, preservar y promover la salud y bienestar de todos los residentes de Boston, particularmente los más vulnerables. Al protegerme protejo a los demás."

Yuri Orellana
Human Resources Administrator,
Homeless Services, BPHC



Building a Healthy Boston



Intergovernmental Relations Updates

Big Cities Health Coalition Federal Visits

Met with representatives from Rep. Pressley, Rep. Lynch, Sen. Warren, and Sen. Markey's offices.

3 main areas of focus:

Funding for local public health

Workforce support

Equitable vaccine distribution

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FY22 Budget Update

Grace Connolly
Director, Administration & Finance
March 3, 2021

Budget Schedule

- FY21 Budget
 - RF1 completed on October 30th
 - RF2 scheduled for completion by April 23rd
 - Year end close June 30th
- FY22 Budget
 - Maintenance budget submitted on January 11th
 - Budget proposals submitted on January 11th
 - New initiatives, savings opportunities
 - External budgets due to COB February 8th

Maintenance Request

- Reflect FY21 operations in terms of FY22 costs
- Review possible realignments during this period
 - Staff transfers and consolidations
 - Streamlining business processes
 - Shared service models
 - Reduce fragmentation and duplication of effort
 - Enhancing managerial controls

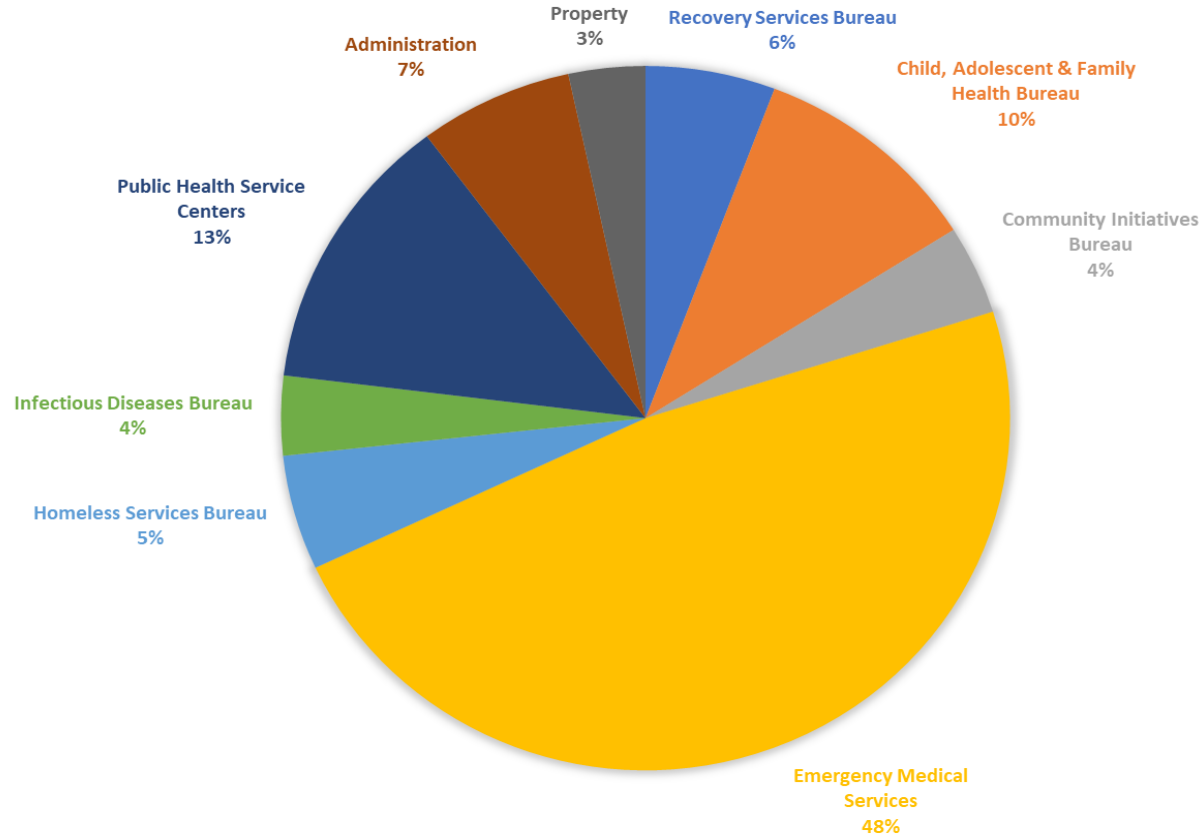
FY22 Maintenance Budget

Bureau	FY21 Adopted Budget	FY22 Proposed	Variance	% Change
ORS/BRS	8,380,322	8,165,211	(215,111)	-2.57%
CAFH	14,265,296	14,576,583	311,287	2.18%
CIB	5,731,277	5,784,146	52,869	0.92%
EMS	69,748,144	67,984,822	(1,763,322)	-2.53%
HSB	7,516,020	7,479,857	(36,163)	-0.48%
IDB	5,105,791	5,189,637	83,846	1.64%
PHSC	18,124,774	18,318,000	193,227	1.07%
ADMIN	9,567,687	9,601,742	34,055	0.36%
PROPERTY	4,884,852	4,850,061	(34,791)	-0.71%
OPEB	2,250,000	2,250,000	-	0.00%
EMS Revenue	(37,780,532)	(35,691,886)	2,088,646	-5.53%
Change in Fund Balance	(1,320,100)	-	1,320,100	-100.00%
Total City Appropriation	106,473,529	108,508,172	2,034,643	1.91%

FY22 Maintenance Budget Changes

- Fringe costs (OPEB)
- EMS Revenue
- EMS lease purchase

DISTRIBUTION OF CITY FUNDS BY BUREAU



FY22 Maintenance Internal FTE

Bureau	FY21 Internal FTE	FY22 Internal FTE	Difference
ORS/BRS	79.67	79.67	-
CAFH	100.35	100.35	-
CIB	48.94	48.94	-
EMS	425.00	425.00	-
HSB	71.70	71.70	-
IDB	24.46	25.46	1.00
PHSC	64.50	65.50	1.00
ADMIN	110.25	110.25	-
PROPERTY	23.00	23.00	-
Total	947.87	949.87	2.00

New Initiatives

- New initiatives/investments
 - Analysis to show measurable progress toward specific goals
 - Priority for projects that:
 - Will have a significant positive impact relative to the investment;
 - Target the vision of a thriving, healthy, and innovative city;
 - Support the implementation of Imagine Boston 2030
 - Leverage other spending and resources

Requested New Initiatives

Investment Proposals	Operating Amount	Head Count
Capacity and Employee Support	\$342,305	2
Occupational Health and Safety Officer	\$140,272	1
Emerging Infectious Disease Sustainable Infrastructure	\$957,341	8
Community Syringe Redemption Program	\$388,302	0
Total	\$1,828,220	11

Savings Proposals

Submitted 22 savings proposals totaling \$3.7 million

Bureau	Savings Proposed
BRS	265,312
CAFH	540,517
CIB	108,985
EMS	1,278,803
HSB	237,924
IDB	175,000
PHSC	552,000
ADMIN	335,000
PROPERTY	180,000
TOTAL	3,673,541

Capital Budget

- Addresses urgent needs while planning strategically for the city's future
- Facilities projects
 - Public Facilities Department feasibility site visits and data collection ongoing
- IT and Equipment projects

Timeline

10/31/20	FY20 RF1 submitted to the City
01/11/21	FY21 maintenance budget submitted to the City
01/11/21	FY20 proposals submitted to the City
01/19/21	Capital requests submitted to City
02/08/21	FY21 external funds budget due to the City
March	COB OBM budget meetings, board presentation and vote, submit to Mayor
April	Changes resulting from mayoral review
April	FY20 RF2 due to the City
May	City Council hearings
June	Final Board approval
July	All staff meetings to review FY21 budget



Questions?

A microscopic view of several COVID-19 virus particles. The particles are spherical with a textured surface and numerous small, dark, conical spikes (receptors) protruding from them. They are set against a dark, reddish-brown background with a subtle grid pattern.

COVID-19 Update



Boston COVID Numbers

Boston COVID-19 Case Counts

Date	New cases	Total confirmed cases reported	New recovered	Total recovered	New deaths	Total deaths
27-Feb	179	58,593	Not reported	54,731	5	1,267
28-Feb	189	58,782	Not reported	54,731	4	1,271
01-Mar	119	58,901	478	55,209	2	1,273
02-Mar	114	58,917*	126	55,335	1	1,274
03-Mar	231	59,148	191	55,526	3	1,277

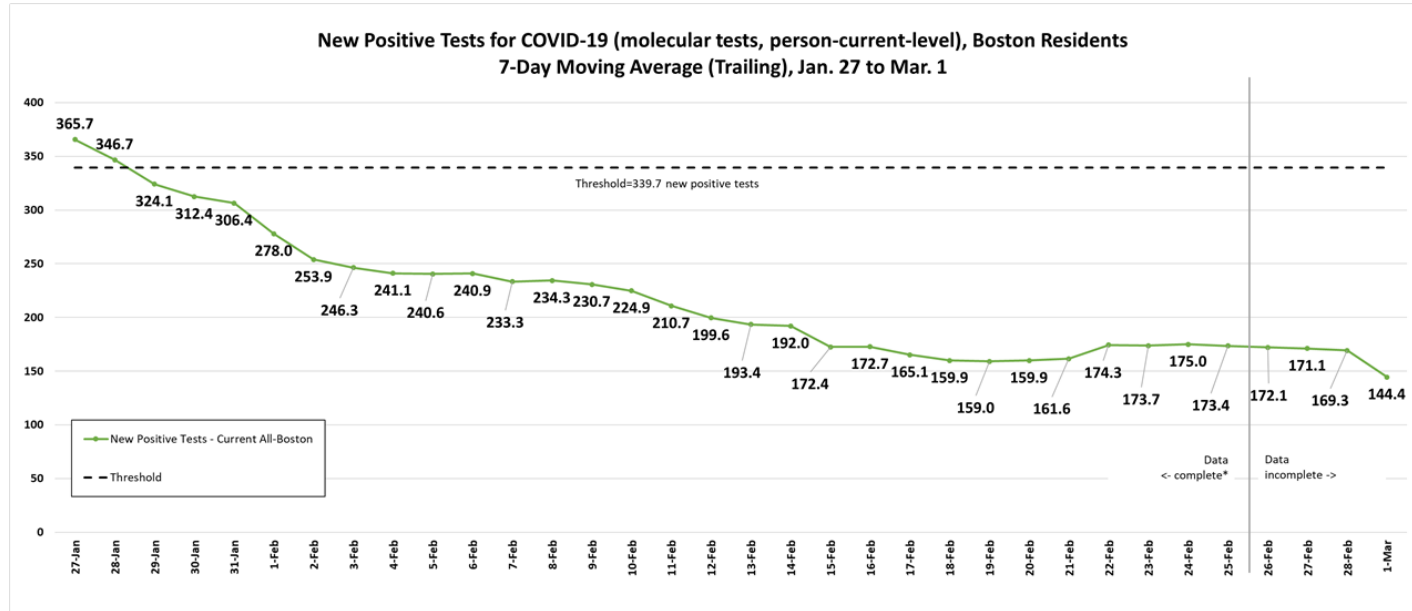
**98 Boston cases previously identified as positive were reclassified as inconclusive. The net increase in cases for 2021 MAR 02 was 16 while the number of new cases reported was 114.*

Boston COVID Numbers

Boston COVID-19 Race/Ethnicity Data				
Race/Ethnicity	Known Cases	% of Known Cases	Deaths	% of Deaths
Asian/PI	3,105	6%	98	8%
Black/African-American	12,959	24%	414	32%
Latino/Hispanic	16,253	30%	158	12%
Other	3,527	7%	42	3%
White	17,476	33%	563	44%
Total Race/Ethnicity Identified Cases in Boston	53,320	90.1%	1,275	99.8%
Total in Boston	59,148		1,277	



Metric #1: Number of New Positive Tests



What is the Metric?

This metric tells us how many new cases we're seeing each day and how quickly COVID is spreading. Data to the right of the vertical line are considered incomplete. Our goal is to be at 67.9 cases or less per day (10 per 100K residents). Our threshold for concern is 339.7 cases per day (50 cases per 100K residents)

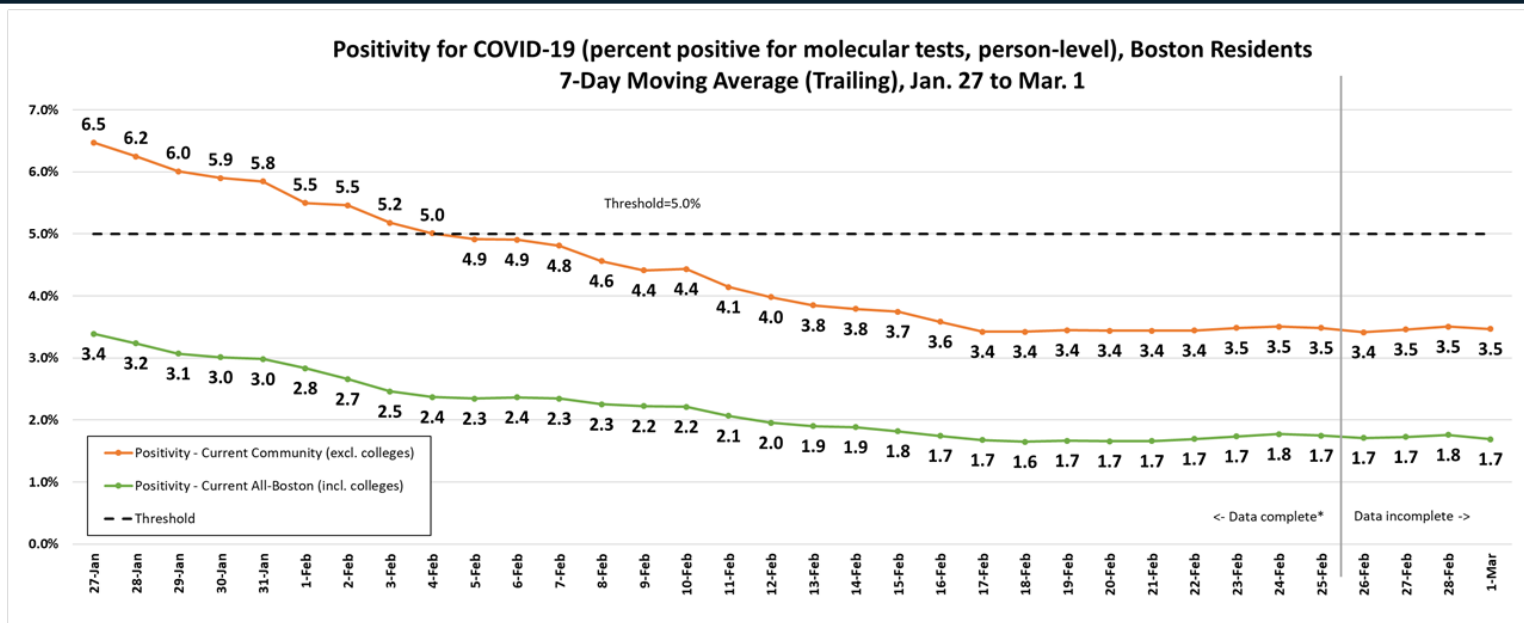
Current Status

173.4 positive tests (as of 2/25) based on the 7 day trailing moving average. (25.5 cases per 100K residents)

Number Below Threshold: -166.3

Number Above Goal: 105.5

Metric #2: Daily Percent of Tests that Are Positive



What is the Metric?

This metric helps us understand if we're doing enough testing and if we're seeing widespread cases. Data to the right of the vertical line are considered incomplete. Our goal is to be at less than 4% positivity. Our threshold for concern is 5% or more positivity for Boston OR 8% or more positivity for 4 or more Boston neighborhoods.

Current Status

3.5% daily positive test rate (as of 2/25) based on the 7 day trailing moving average.

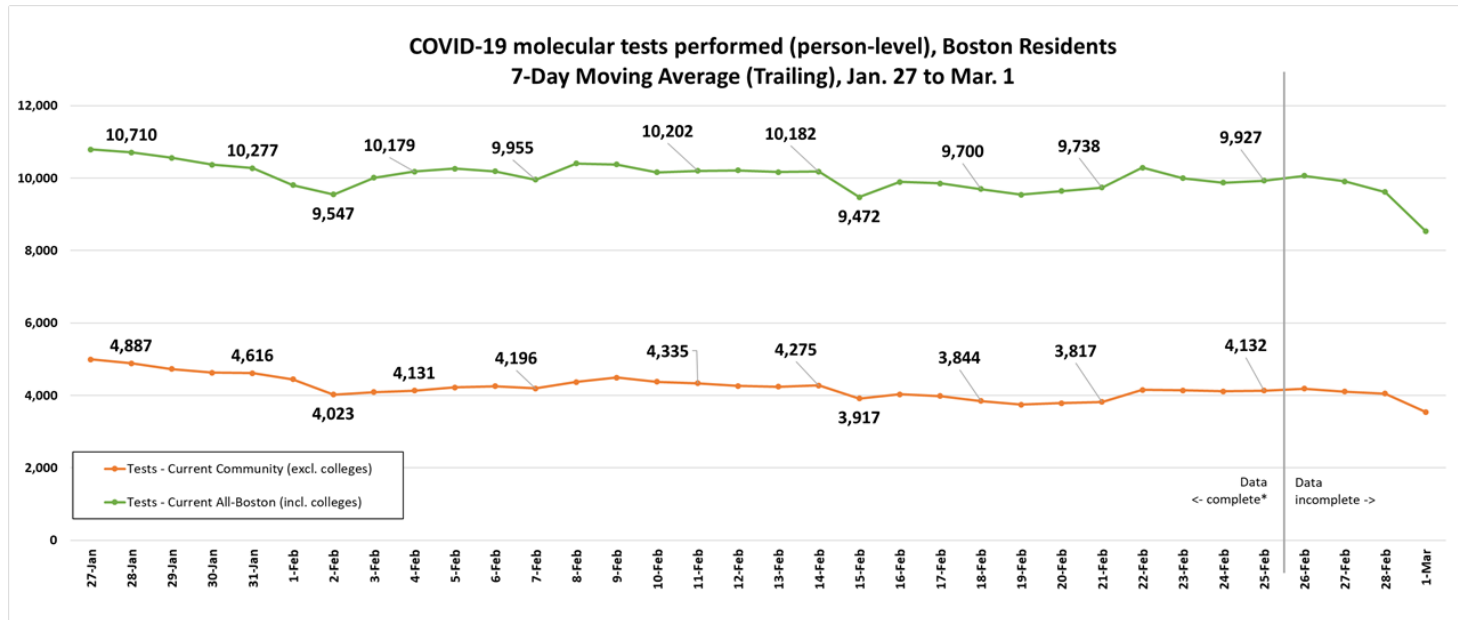
Percentage Points Below Threshold: -1.5

Percentage Points Below Goal: -0.5

Number of Boston Neighborhoods \geq 8%: 0

NEIGHBORHOOD	% Positive		Tests		Current Week Testing Rate Per 100,000 Residents	Current Week Positive Rate Per 100,000 Residents
	Current Week 2/19-2/25	Prior Week 2/12-2/18	Current Week 2/19-2/25	Prior Week 2/12-2/18		
Dorchester - 02121, 02125	5.8%	5.6%	2,243	1,970	3,489.6	203.8
Dorchester - 02122, 02124	5.7%	6.5%	2,848	2,413	3,521.3	199.1
Mattapan - 02126	5.3%	4.1%	1,007	864	3,403.1	179.1
Roslindale - 02131	5.0%	3.7%	1,489	1,292	4,409.1	219.1
Roxbury - 02119, 02120	4.6%	4.8%	1,508	1,372	3,496.6	162.3
Hyde Park - 02136	3.9%	4.5%	1,629	1,325	4,760.0	184.1
East Boston - 02128	3.7%	4.7%	1,847	1,824	3,935.9	144.9
South Boston - 02127, 02210	3.5%	2.8%	2,280	2,302	5,686.6	197.0
West Roxbury - 02132	3.2%	2.7%	1,311	1,117	4,602.1	147.4
South End - 02111, 02118	2.6%	2.3%	1,867	1,673	5,221.5	137.0
Fenway - 02115, 02215	2.2%	2.2%	1,046	1,081	1,911.3	42.0
Jamaica Plain - 02130	1.9%	1.2%	2,288	2,241	5,666.6	109.0
Back Bay, Beacon Hill, West End, Downtown, & North End - 02108, 02114, 02116, 02199, 02222, 02109, 02110, 02113	1.9%	2.0%	2,972	2,852	5,333.5	100.5
Allston/Brighton - 02163, 02134, 02135	1.6%	2.0%	2,749	2,828	4,128.6	66.1
Charlestown - 02129	1.3%	2.6%	1,047	983	5,393.0	72.1
Boston	3.5%	3.4%	28,926	26,911	4,257.5	148.4

Metric #3: COVID-19 Molecular Tests



What is the Metric?

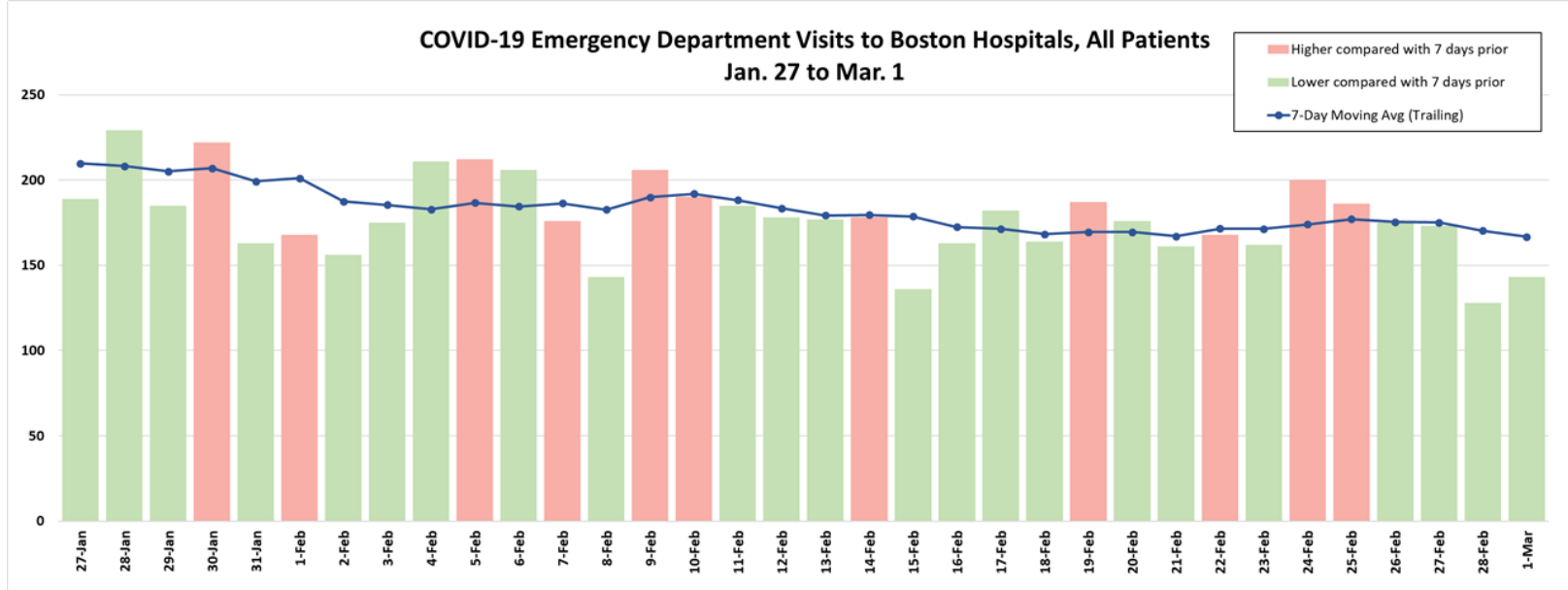
This metric helps us to understand whether we are performing a consistent amount of testing among Boston residents. Our goal is to see this number remain flat or increase. Our threshold for concern is 3 or more weeks of consecutive decrease in testing.

Current Status

4,132 tests per day (as of 2/25) based on the 7 day trailing moving average.

Number of Consecutive Weeks of Decrease: 0

Metric #4: Daily COVID-19 Emergency Dept Visits



What is the Metric?

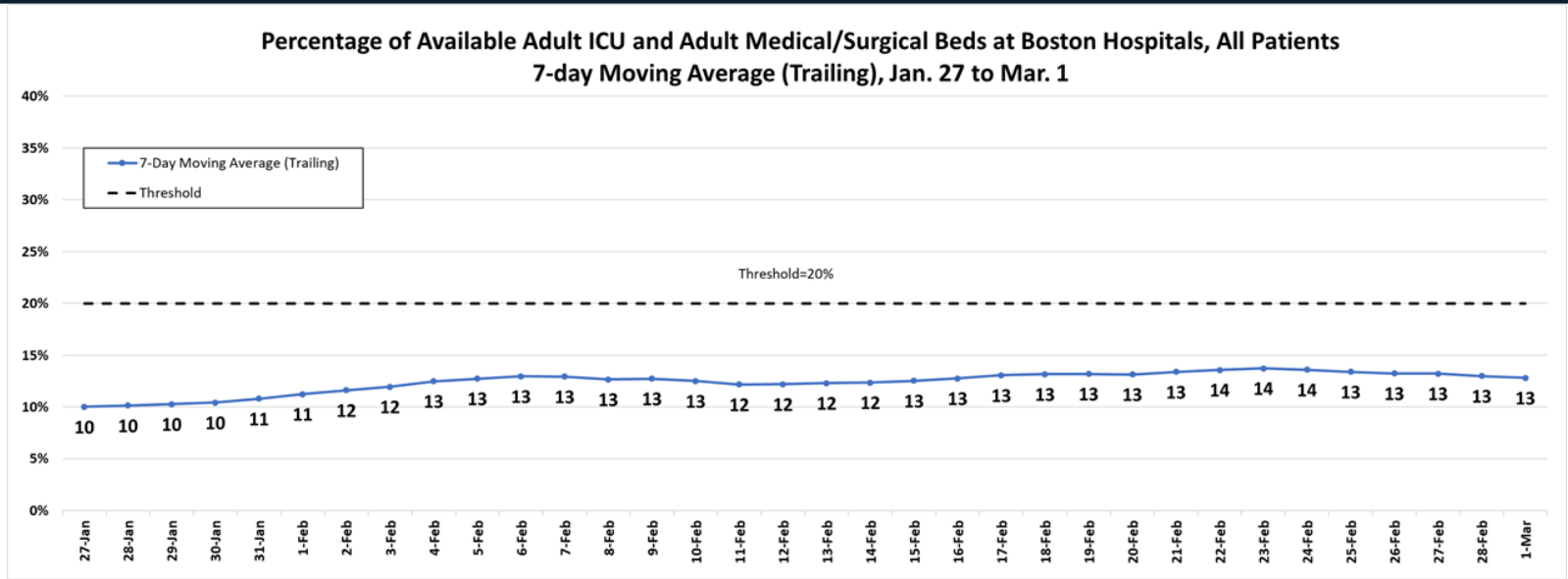
This metric helps us understand the broader impact of COVID-19 on hospital emergency departments. Our goal is to see this number remain flat or decrease. Our threshold for concern is 7 or more days of consecutive increase as compared to the same day the previous week.

Current Status

166.7 daily COVID-19 ED Visits (as of 3/1) based on the 7 day trailing moving average.

Number of Consecutive Days Higher Than Same Day Previous Week:
0

Metric #5: % of Available Adult ICU & Medical-Surgical Beds



What is the Metric?

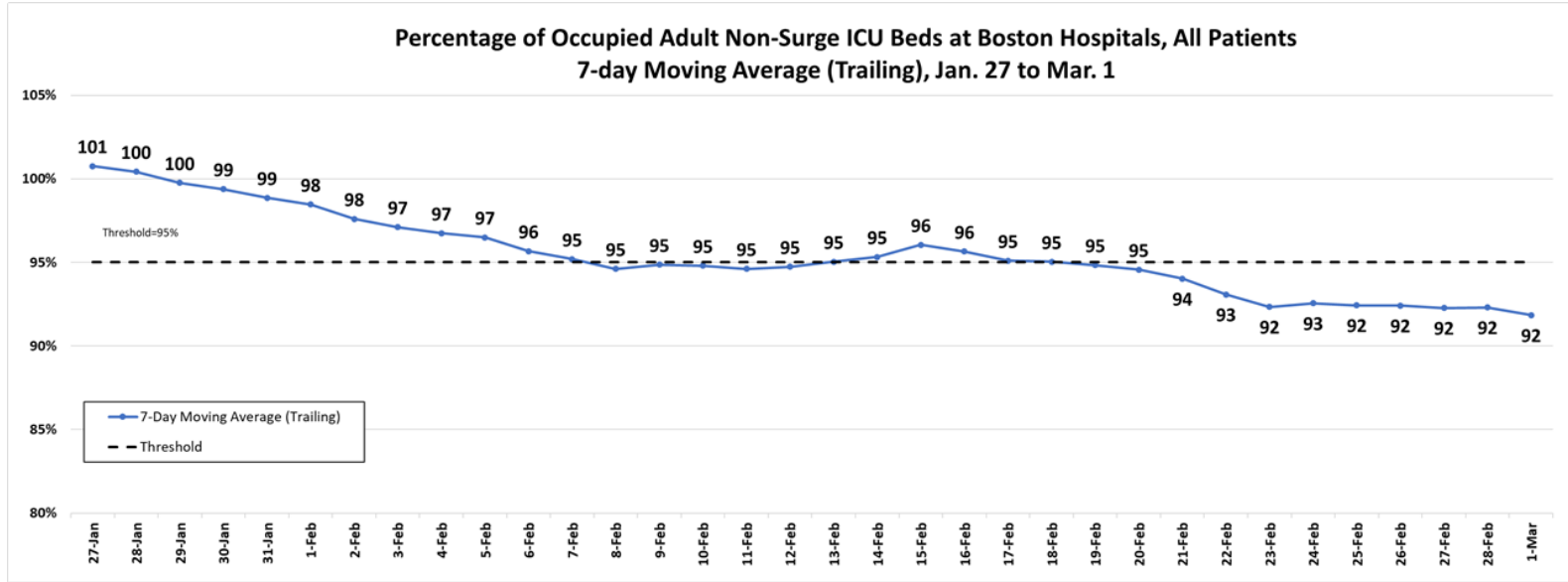
This metric helps us understand how many inpatient beds are open at Boston hospitals to treat patients. Our goal is to have 25% or more of all adult ICU and medical surgical beds available. Our threshold for concern is when there is less than 20% of all adult ICU and medical surgical beds available on five consecutive days.

Current Status

13% of adult ICU & Medical-Surgical beds are available (as of 3/1) based on the 7 day trailing moving average.

Number of Consecutive Days below 20%: 81

Metric #6: % of Non-Surge Adult ICU Beds Occupied



What is the Metric?

This metric helps us understand how full our Boston hospital adult ICUs are and indicates that hospitals are or may need to start using surge beds to care for patients. Our goal is to have 85% or less of non-surge adult ICU beds occupied. Our threshold for concern is when 95% or more of non-surge adult ICU beds are occupied for five consecutive days.

Current Status

92% of non-surge adult ICU beds are occupied (as of 3/1) based on the 7 day trailing moving average.

Number of Consecutive Days Higher Than 95%: 0



COVID-19 Vaccination: *Updates*

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Boston Public Health Commission

acknowledges Racism's role in creating health inequities experienced by our residents of color and expressed among observed differences in health-related determinants, risk factors and outcomes



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

December - February

Estimated timeframes



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

February - April



PHASE THREE

Vaccine available to general public

April - June

Updated 1/25/2021

BPHC's COVID-19 Vaccination Plan

Model 1: Mass Vaccination Clinics

- **Vaccinate the highest quantity of individuals**
- Mass-scale clinics with the capacity to vaccinate at least 1,000+/day → “High Throughput”
- Fenway Park
- Reggie Lewis Center
- Hynes Convention Center? (March)

Model 2: Priority Group Clinics

- **Vaccinate large numbers of individuals within priority group**
- Large-scale clinics with the capacity to vaccinate up to 1,000/day
- Tufts, BMC, and CHCs since December
- Hospitals to vaccinate patients in priority group
- Partnering with a clinical partner to help run Priority Group clinics

Model 3: Community-Based Public Clinics

- **Vaccinate any individual eligible to receive vaccine at easily accessible locations throughout Boston's neighborhoods**
- Clinics open to public up to 500/day
- Partner-led clinics, supported by BPHC
- Clinical Partner ↔ CBO pairs
- Potential locations: 10 sites across Mattapan, East Boston, Roxbury, Dorchester, Hyde Park

Mobile 4: Mobile Vaccination Clinics

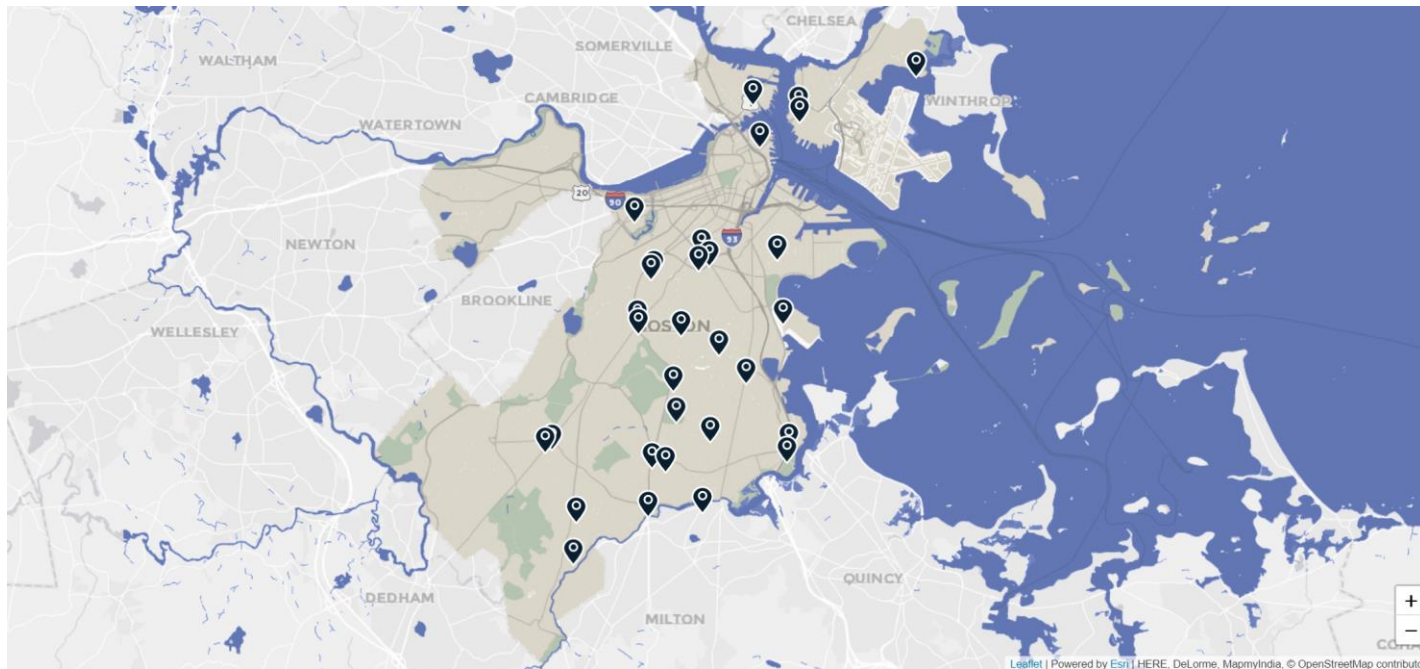
- **Vaccinate the hardest to reach Boston residents**
- Smaller-scale clinics co-located by community partners brought to residents
- Mobile teams travel to locations for one-day clinics up to 100/day
- BPHC working with EMS and BFD to create mobile vaccine teams to community run locations

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BPHC's Vaccine Map

boston.gov/covid19-vaccine





COVID-19 Vaccination: *Data Updates*

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First and Second COVID-19 Vaccine Doses Administered to Boston Residents, Age 16+, Dec. 15, 2020 - Feb. 23, 2021

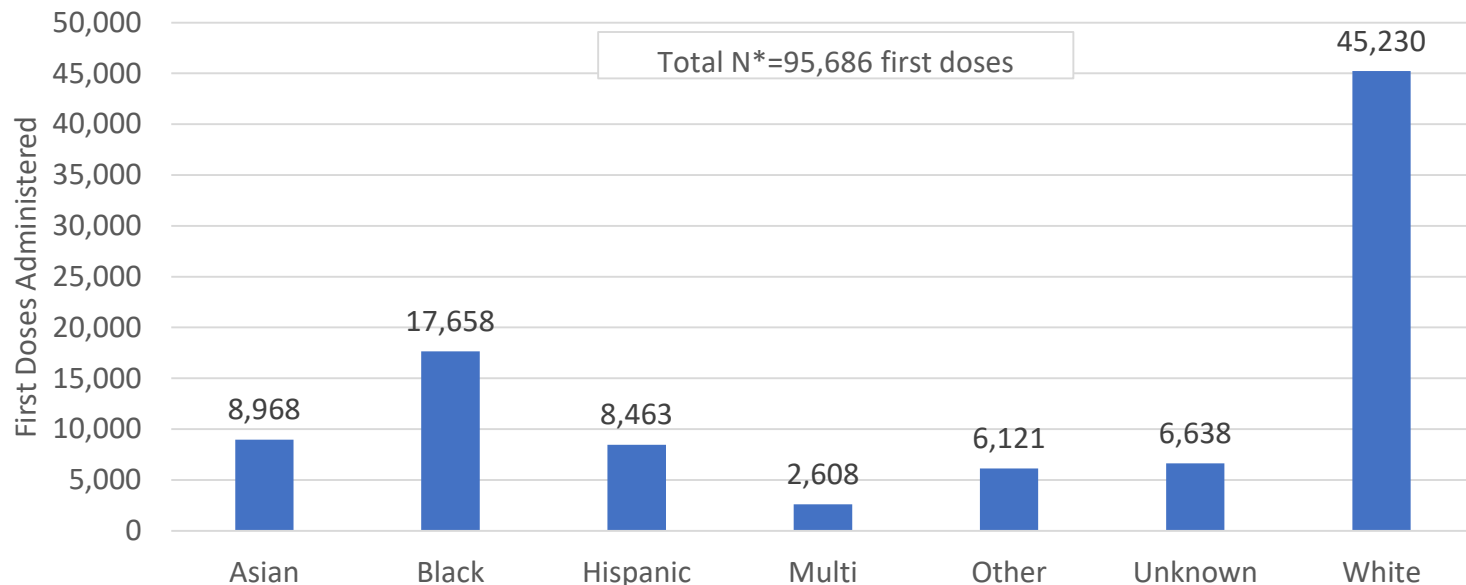
	Doses Administered	Percentage of Vaccine-Eligible Population*
At Least One Dose	95,888	16.3%
1st Dose Only	51,647	8.8%
1st & 2nd Dose	44,241	7.5%

* Total Boston population count includes residents age 15 years and over because that is the data that is readily available to BPHC at present. This count will be revised to residents age 16 years and over (i.e., current vaccine-eligible population) in future reports.

Data sources: MDPH, Massachusetts Immunization Information System; U.S. Census Bureau, American Community Survey, 2018 5-yr estimates (2014-2018)



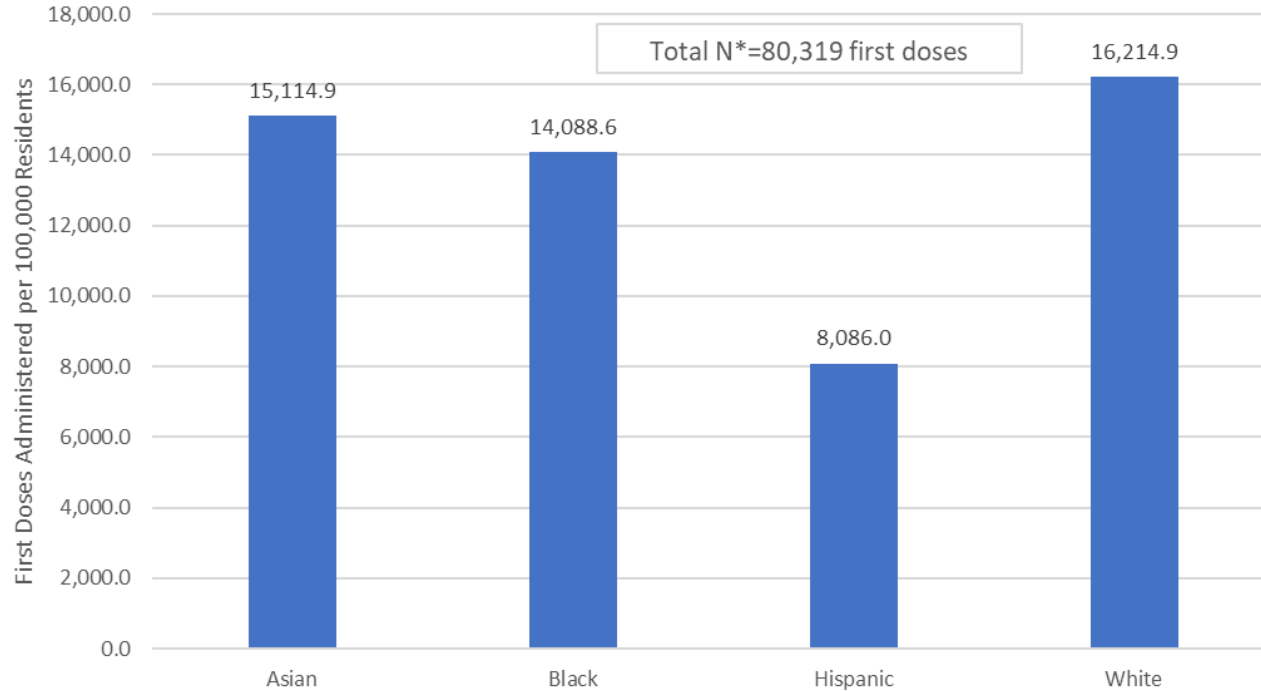
First Doses of COVID-19 Vaccine Administered by Race/Ethnicity, Age 16+, Dec. 15, 2020 to Feb. 23, 2021



* Total N varies based on suppression of counts of doses (N<30) for how data are tabulated for each variable. The best estimate for total 1st doses (12/15/20 – 02/23/21) is 95,888 doses. Data for American Indian/Alaska Native and Native Hawaiian/Pacific Islander residents are not included here due to substantial suppression of counts.



First Doses of COVID-19 Vaccine Administered by Race/Ethnicity, Age 16+, Population-Based Rates, Dec. 15, 2020 to Feb. 23, 2021



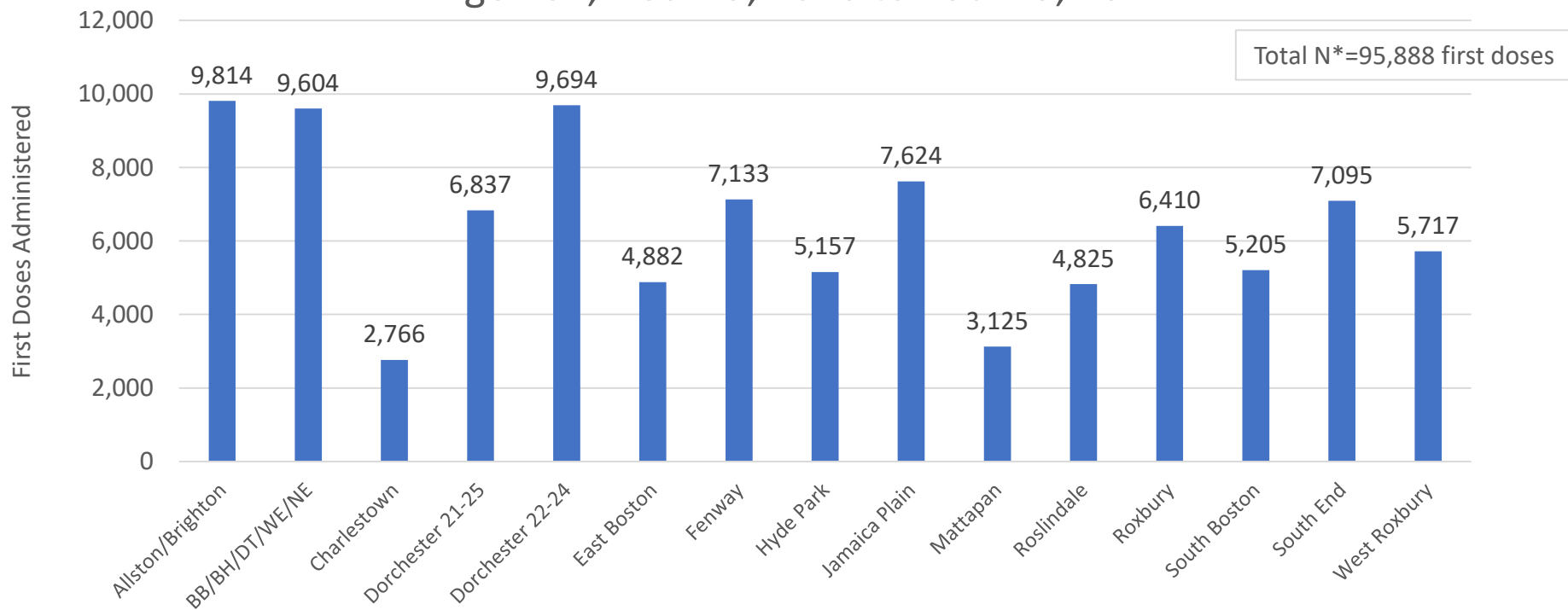
Overall Boston rate =
16,324.0
first doses administered
per 100,000

Data for American Indian/Alaska Native and Native Hawaiian/Pacific Islander residents are not included here due to substantial suppression of counts. Data for residents who identify as Multiracial, Other, or Unknown are not included here due to lack of comparable population data. Population counts used to calculate population-based rates include residents age 15+ years.

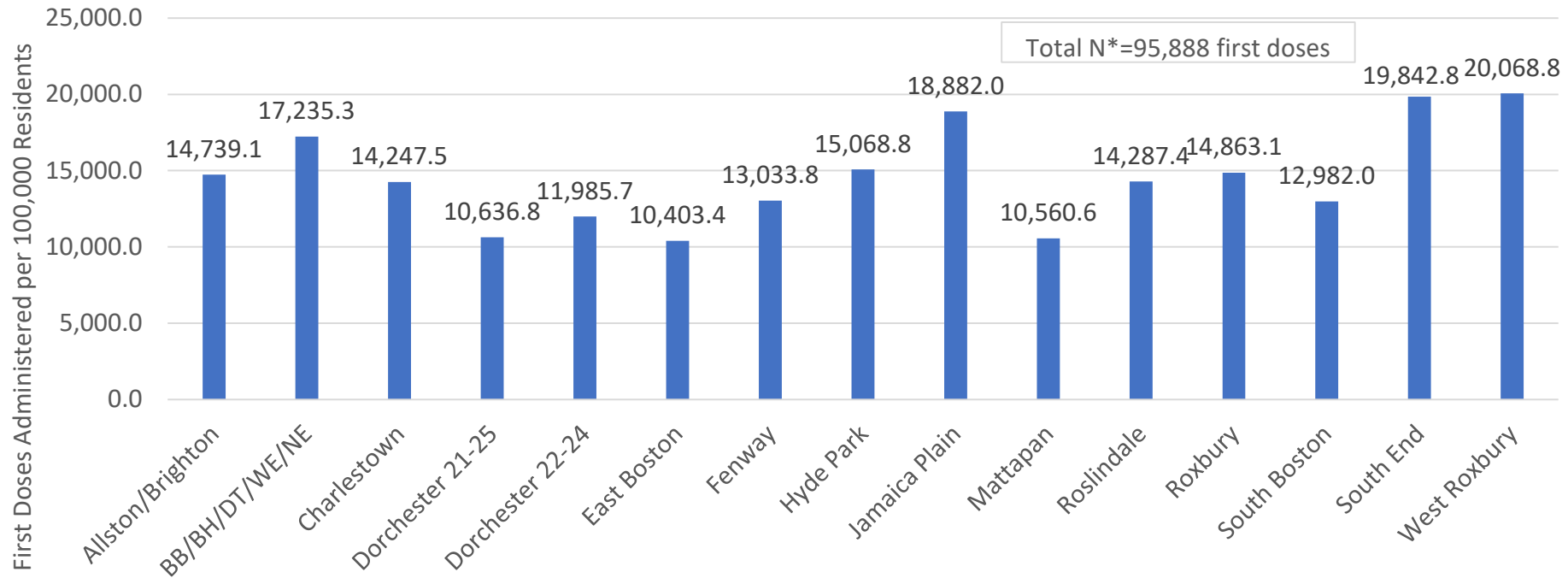
Data sources: MDPH, Massachusetts Immunization Information System; U.S. Census Bureau, American Community Survey, 2018 5-yr estimates (2014-2018)



First Doses of COVID-19 Vaccine Administered by Neighborhood, Age 16+, Dec. 15, 2020 to Feb. 23, 2021



First Doses of COVID-19 Vaccine Administered by Neighborhood, Age 16+, Population-Based Rates, Dec. 15, 2020 to Feb. 23, 2021



BB/BH/DT/WE/NE = Back Bay/Beacon Hill/Downtown/West End/North End. Population counts used to calculate population-based rates include residents age 15+ years.

Data sources: MDPH, Massachusetts Immunization Information System; U.S. Census Bureau, American Community Survey, 2018 5-yr estimates (2014-2018)





Reggie Lewis Vaccine Site Update

February 2 - February 24, 2021

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Reggie Lewis Vaccine Clinic

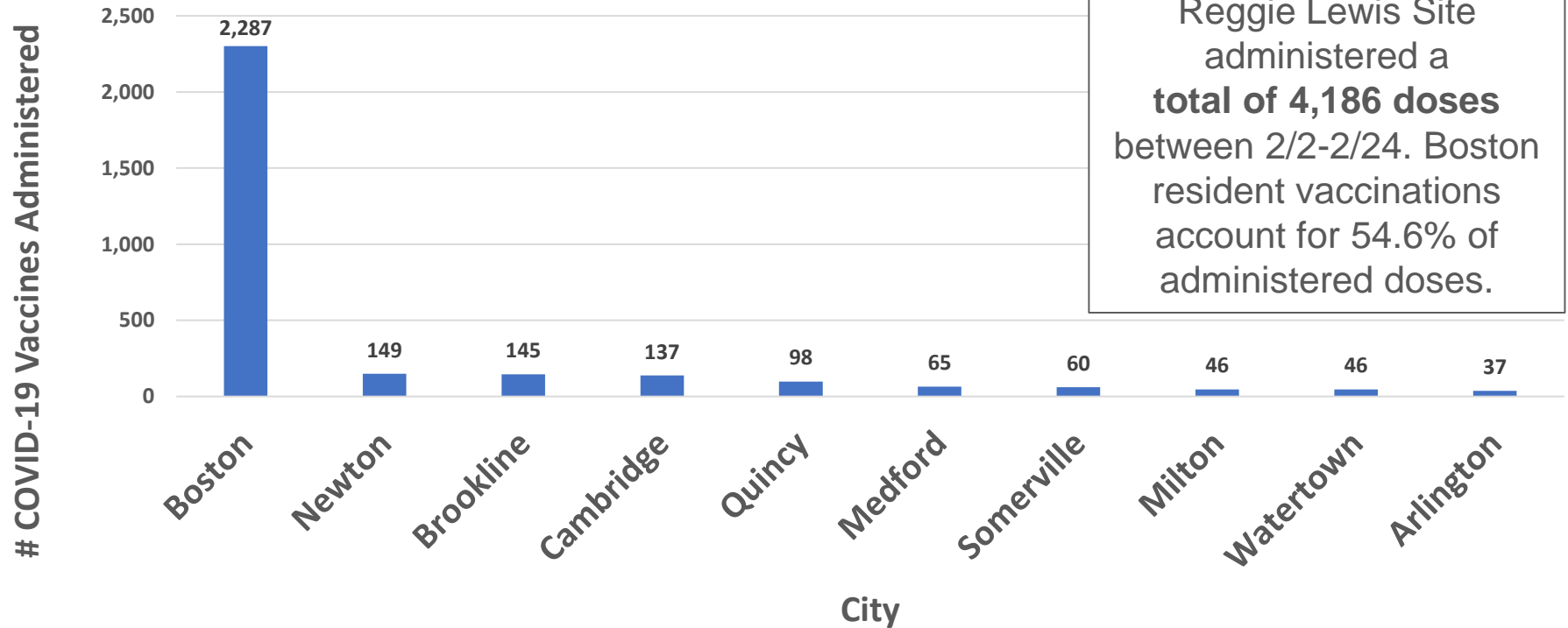
Data from clinic dates 2/2/2021-2/24/2021

4,186 doses administered (+542 since 2/20)

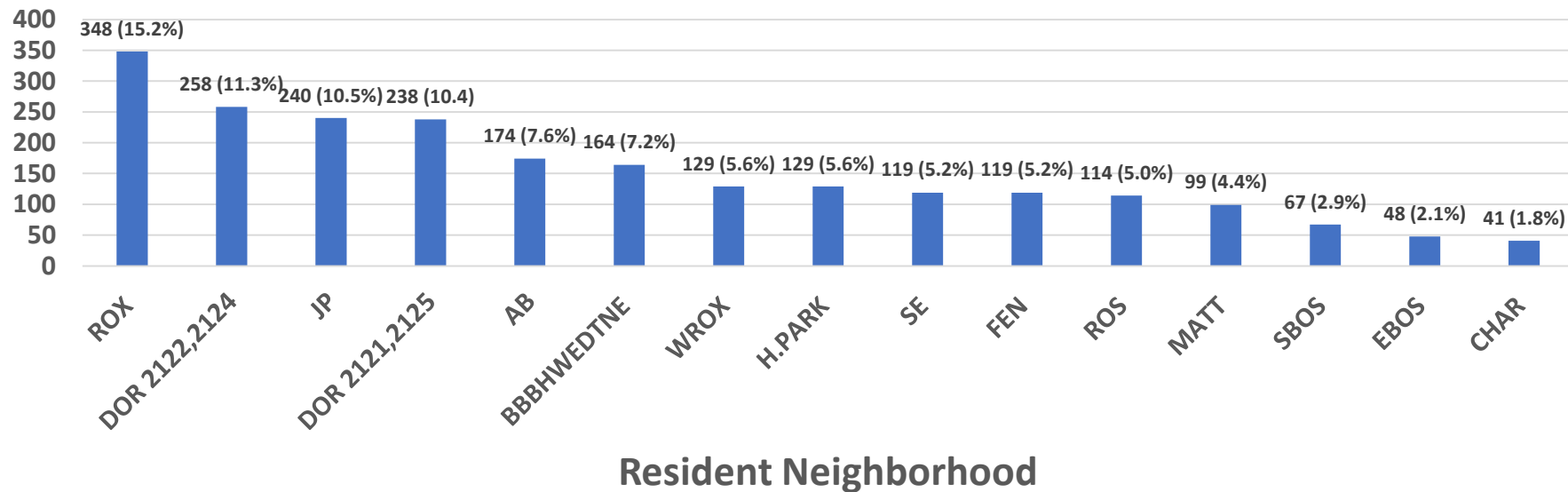
- 3,782 Dose #1
- 398 Dose #2
- 6 Unknown



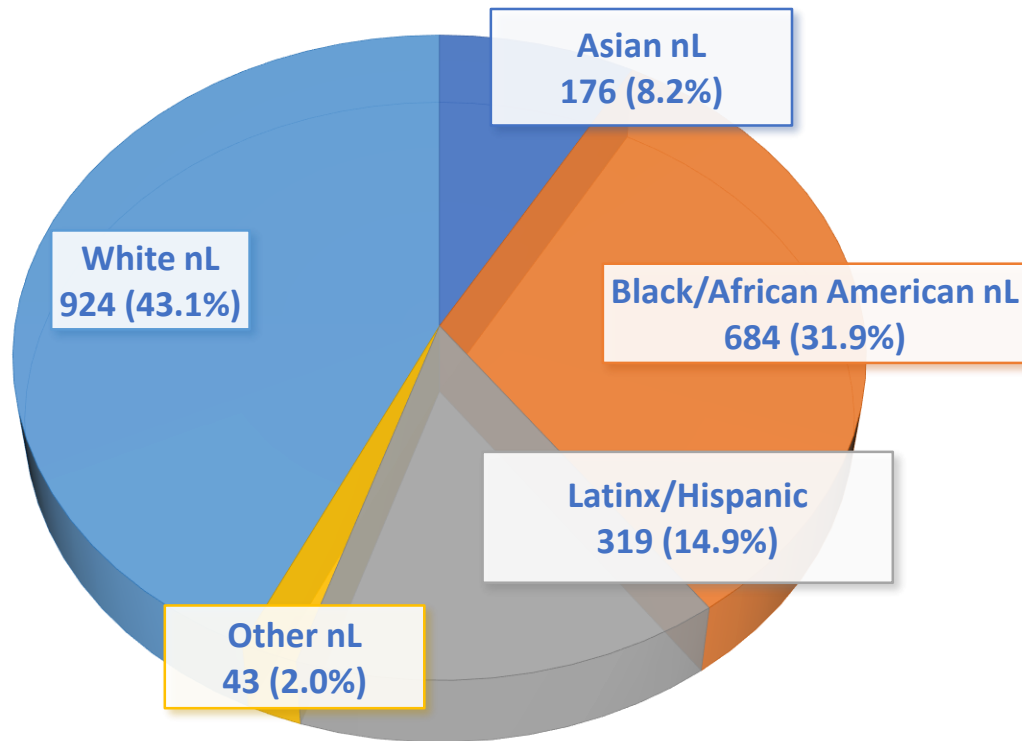
Reggie Lewis Site: Total COVID-19 Vaccines Administered by Top 10 Cities, February 2 - February 24, 2021



Reggie Lewis Site: Total COVID-19 Vaccines Administered by Resident Neighborhood (Boston Only), February 2 - February 24, 2021



Reggie Lewis Site: Number of COVID-19 Vaccines Administered By Race/Ethnicity (Boston Only), February 2 - February 24, 2021



n=2,146 (missing race/ethnicity data for 141 vaccines administered to Boston residents)



Questions?

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March 3, 2021