Lowell

Monthly vaccination update and interpretation of COVID-19 vaccination data as of 2/8/2022.

Current Rates

First dose = 80%

Fully Vaccinated = 71%

Boosted = 52%

21,353 unreported

SUMMARY

TRENDS

First dose, fully vaccinated, and booster trends over the last two months

- First dose rates have increased 7% (*5% statewide*) over the past two months, with the weeks of 1/18 and 1/25 showing the greatest number of new doses given.
- Fully Vaccinated rates have increased 6% (*4% statewide*) over the past two months, with an increase beginning in January, possibly driven by the Omicron spike.
- Booster rates dropped off over the last two weeks, after steadily climbing throughout December.

DEMOGRAPHICS

First dose vaccination rates and two-month trends by race/ethnicity and age group

- White residents make up the largest number of unvaccinated individuals.
- Asian and Hispanic Residents make up the next two largest number of unvaccinated residents.
- 5–11-year-old and 20–29-year-old age groups have the lowest vaccination rates and make up the largest population of unvaccinated residents by age group.
- Lowell's 5-11 year old Black and Hispanic populations are key cohorts for vaccination efforts
- The white population 20-49 represents nearly a quarter of the unvaccinated population in Lowell

GEOGRAPHIES

First dose vaccination rates across census block groups

- The Northern part of town represents the area within the community where vaccinations rates are lowest.

First dose and fully vaccinated rates calculated using 5+ population

Booster rate calculated using fully vaccinated residents eligible for a booster dose

Unreported/Unvaccinated include those individuals who may not be vaccinated or may not be present in the MIIS system

Supporting Data

Lowell

Key Insights:

- Two-month trends for fully vaccinated and first dose rates have been steadily increasing, with peaks for new first doses in the middle of January, corresponding to the Omicron spike in cases.
- Booster doses have dropped off from a peak in mid-January.

Data for Lowell as of 2/8/2022

First Dose Rate

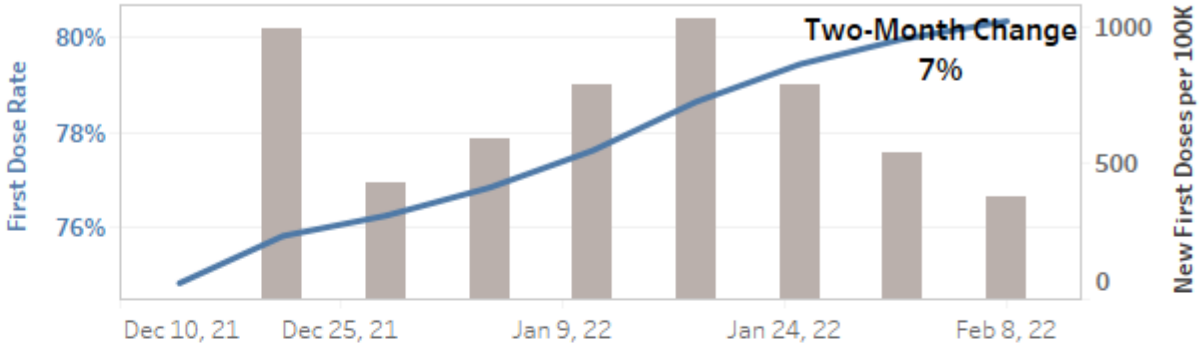
Fully Vaccinated Rate

Booster Rate

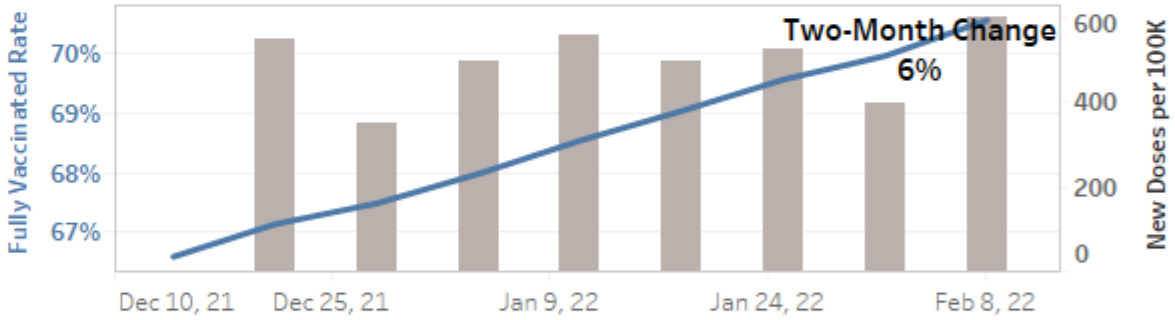
Unvaccinated

21,353 residents remain unvaccinted out of an eligible 108,673 residents

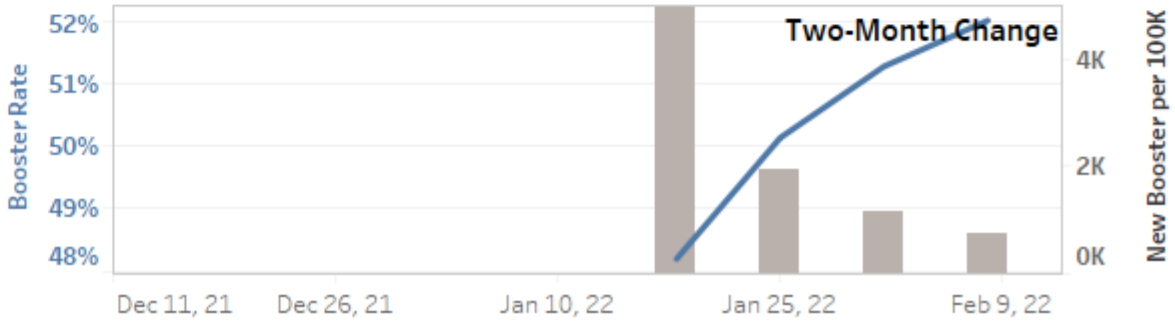
First Dose Trend



Fully Vaccinated Trend



Booster Trend

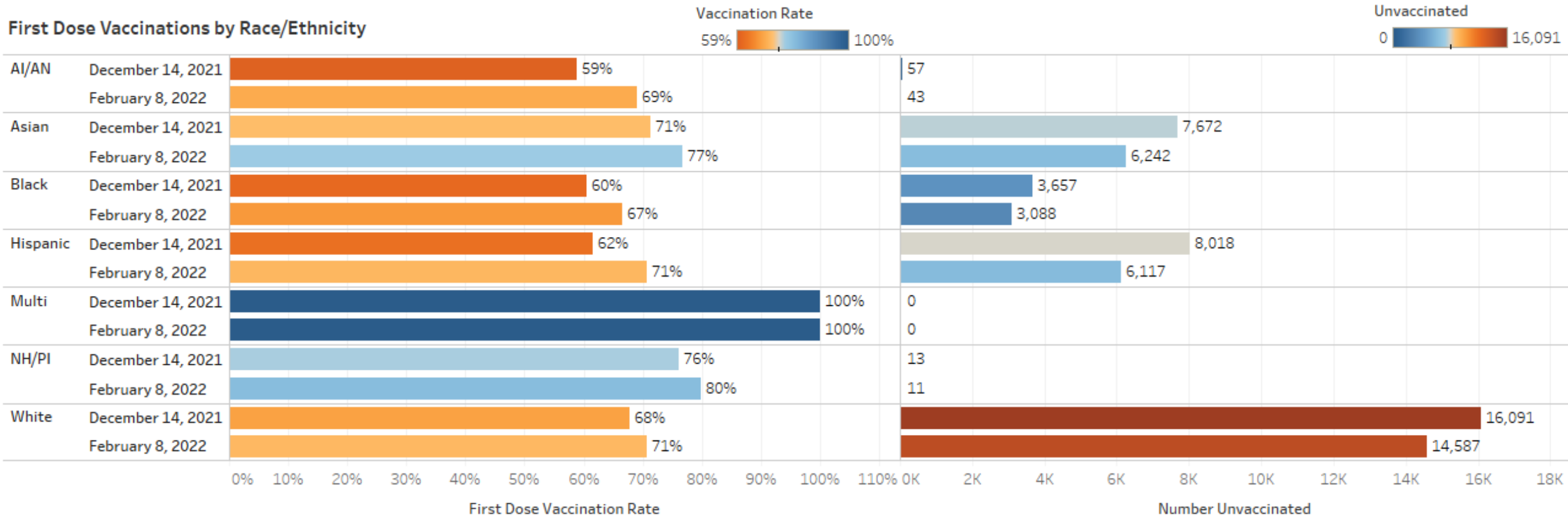


Lowell

Key Insights:

- White residents make up the largest number of unvaccinated individuals.
- Asian and Hispanic Residents make up the next two largest number of unvaccinated residents, and are 77% and 71% vaccinated respectively.

Data for Lowell as of 2/8/2022



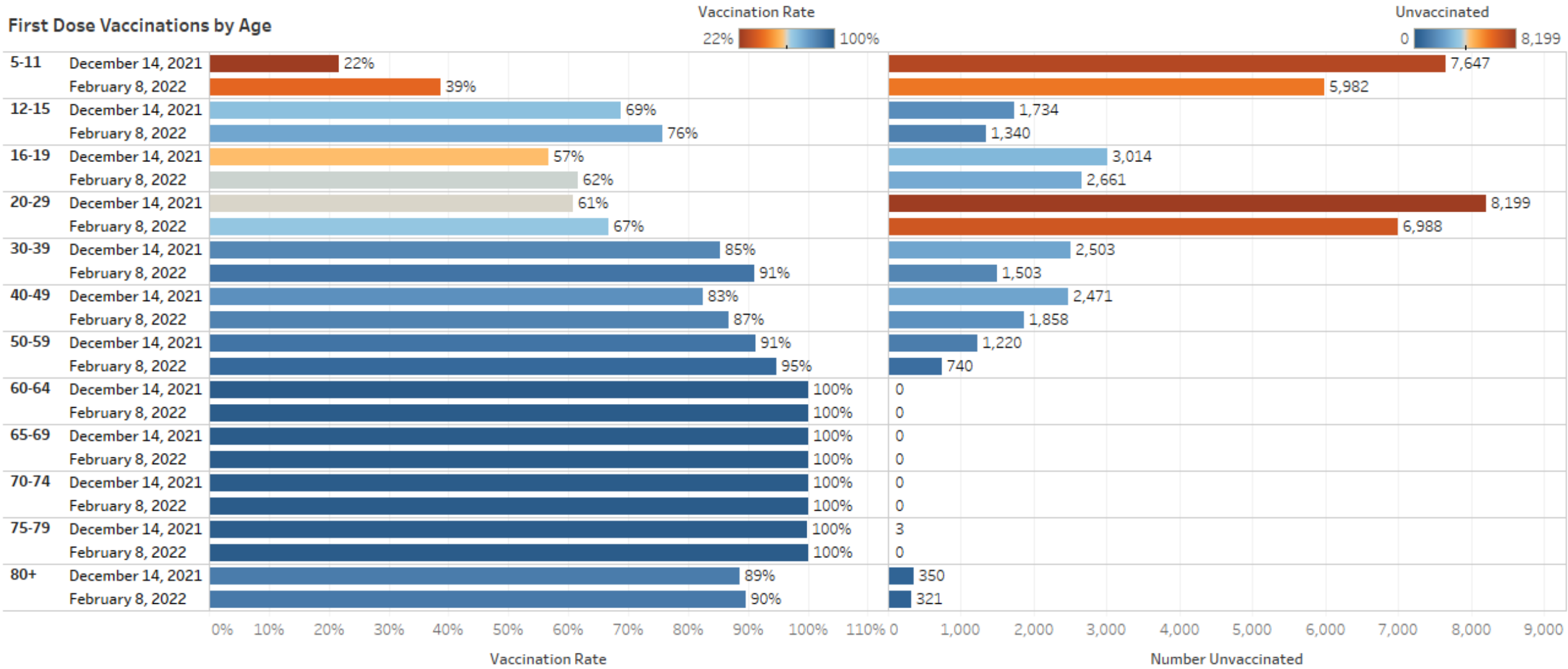
AI/AN, American Indian, Alaska Native
NH/PI, Native Hawaiian, Pacific Islander

Lowell

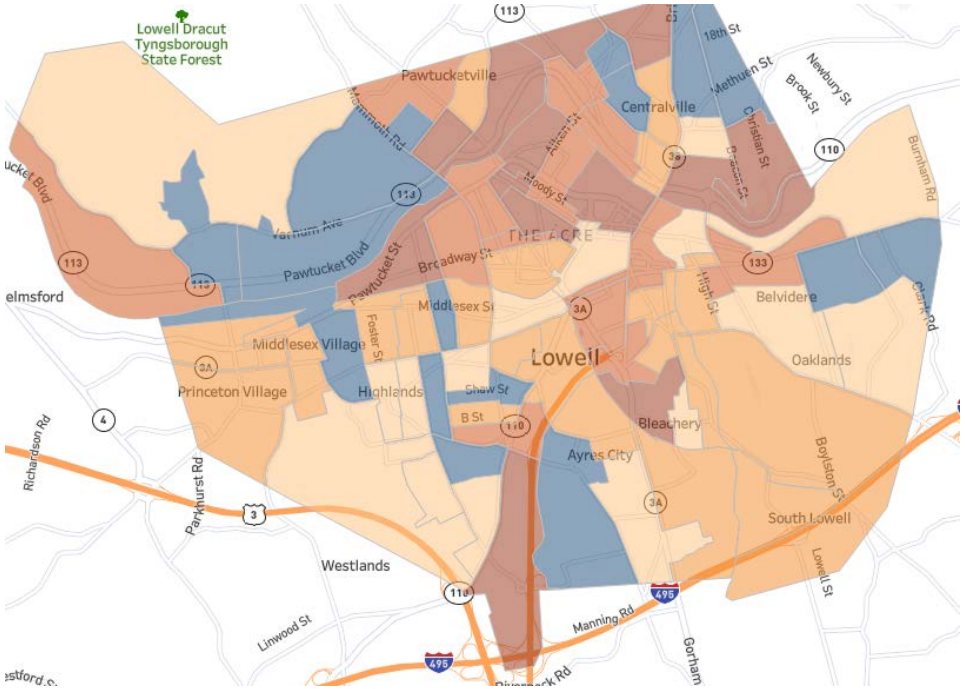
Key Insights:

- 5–11-year-old and 20–29-year-old age groups have the lowest vaccination rates and make up the largest population of unvaccinated residents by age group.

Data for Lowell as of 2/8/2022



Lowell – vaccination rates by census block group



- Greater than state total (82%)
- Less than 10pp below state total
- Between 10pp and 20pp below state total
- Between 20pp and 30pp below state total
- Greater than 30pp below state total

City/town population: **116,143**

% of city/town residents vaccinated: **69%**

% of state residents vaccinated: **82%**

% vaccinations not mapped[2]: **5%**

***Data as of 11/30**

1. Vaccinated refers to individuals who have received at least one dose of existing COVID-19 vaccines. Data as of November 30. MIIS is incomplete and does not necessarily capture each vaccine dose administered in Massachusetts. Only those vaccine doses that are reported in MIIS are captured through this data. Some entities, such as VA hospitals, are not included in MIIS.
2. % vaccinations not mapped refers to the percentage of vaccination records within a city/town for whom a vaccination was recorded in MIIS but did not return a mappable address.

Source: MIIS (as of 11/30), US Census Bureau 2019 Census Block Group ACS 5 -Year Estimates; UMass Donahue Institute 2019 Population Estimates of Cities/Towns