

**New York State  
Equitable Vaccine Administration Information**

**RPA #: PA-02-NY-4480  
PW #: 151**

June 14<sup>th</sup>, 2021

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## **Data Sources and Notes**

### **Social Vulnerability**

New York State's laws and regulations reflect a commitment to protecting New Yorkers from discrimination on account of age, race, creed, color, national origin, sexual orientation, gender identity or expression, military status, sex, marital status, or disability. See NYS Executive Law § 291 *et seq.* Notably, New York State's laws include all protected classes identified in federal civil rights laws and include several additional protected classes, making the state a national leader in ensuring residents are protected from unlawful discrimination. New York State has administered its vaccination efforts in accordance with state and federal laws and has taken efforts to ensure that vaccine is available to all New Yorkers.

In accordance with FEMA guidance, New York State produced this SVI Report, which analyzes the demographics of those seeking vaccination, using the Social Vulnerability Index as a lens for determining where the greatest need exists. By reviewing the Social Vulnerability Index (SVI) values and, at the same time, evaluating available venues for accessibility, New York State was able to focus the use of FEMA funding on the highest-risk communities and underserved populations and prioritize limited resources to ensure an equitable pandemic response. Additionally, as noted on pages 56-60 of this report, New York State continues to take steps to ensure that vulnerable and minority populations receive outreach communications and have access to be vaccinated.

For example, the State:

1. Maintains a robust language access program, of over 200 languages (*see page 59*), to ensure accessibility,
2. Uses targeted pop-up vaccination sites in vulnerable and minority communities to reach those incapable of making it to a larger vaccination site, and
3. Partner with local organizations to reach as many New Yorkers as possible in places they trust – including over 200 community-based pop-up vaccination sites in churches, community centers, public housing complexes and cultural centers throughout the state (*see list of entities in the answer to "Outreach and Engagement" below*).

The Social Vulnerability Index is calculated by the CDC (<https://www.atsdr.cdc.gov/placeandhealth/svi/index.html>) at a census tract level across 4 dimensions (socioeconomic status, household composition & disability, minority status & language, housing type & transportation). These dimensions are then aggregated into an overall index that ranges from 0 to 1, with 0 being the least and 1 being the most socially vulnerable. SVI data is based on the latest available year 2018.

Each site's Social Vulnerability Score is calculated using (1) the zip code of residence of individuals vaccinated through each site and (2) the CDC's Social Vulnerability Index. Specifically, for each site, score is calculated by:

- Aggregating data on the total number of individuals vaccinated through each site (first or second dose) by zip code.
- Rolling up census tract SVI data to zip codes to calculate zip code level SVI.
  - Mapping between census tracts and zip codes is provided by HUD and is up to date as of Q4 2020.
  - Zip code level SVI is calculated as an average of the included census tracts weighted by the percent of that census tract's population that resides in the zip code (e.g., if a census tract represents 10% of a zip code's population its SVI would be weighted at 0.1 in the average calculation.)
- Calculating a weighted average Social Vulnerability Index for each site based on the volume of vaccinated individuals and each zip code's Social Vulnerability Index score.

All New York State vaccination data used in social vulnerability score calculation is as of 6/8/2021.

### **Other Data**

The race of vaccinated individuals is collected both directly through providers and through the NY Vaccine Form (<https://forms.ny.gov/s3/vaccine>). (Demographic data is self-reported by individuals and excludes instances where individuals declined to answer, or information is not available.)

The racial breakdown of individuals vaccinated at each NYS mass vaccination site is compared to the racial breakdown of (1) all vaccinated individuals in that region and (2) the overall age 15+ population in that region. *Note: On 5/13/2021, New York State expanded eligibility to include minors aged 12 -15 years old. As data on vaccinations become available for this demographic population, The State's submission of the June SVI Report will be updated to include minors aged 12 -15 in region population totals to accurately report on the percentage of eligible population to receive vaccinations.*

Poverty rates and population totals by race for cities, towns, counties, regions, and other geographical area come from the US Census Bureau's 2019 estimates.

Demographic vaccination data is as of 6/8/2021 for all sites.

### **Other Important Notes**

1. The State sites below were established in December 2020, prior to the provision of FEMA guidance and these reporting requirements.
2. The demographic data collected from vaccinated individuals is self-reported and subject to the limitations associated with all self-reported data.

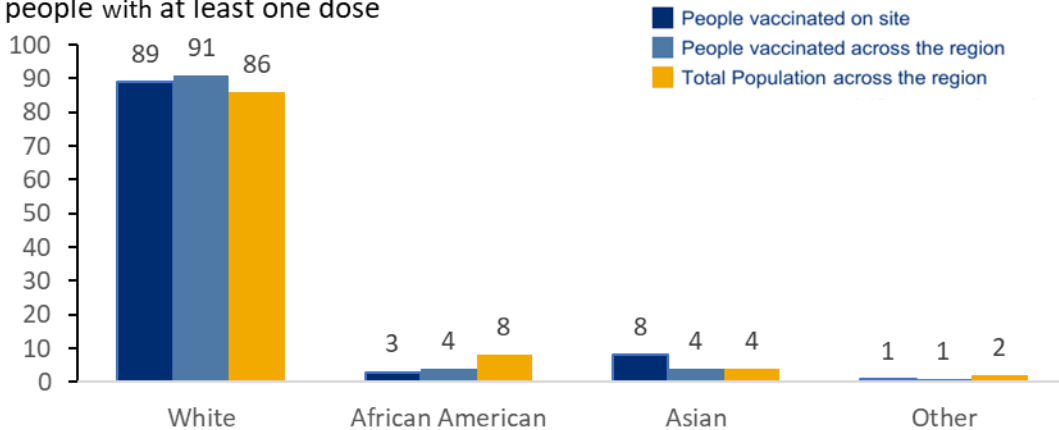
## SUNY Albany, Albany County

### Social Vulnerability Score

Weighted average score of **0.30** based on the CDC’s Social Vulnerability Index.

### SUNY Albany – Vaccinations by Race

% of people with at least one dose



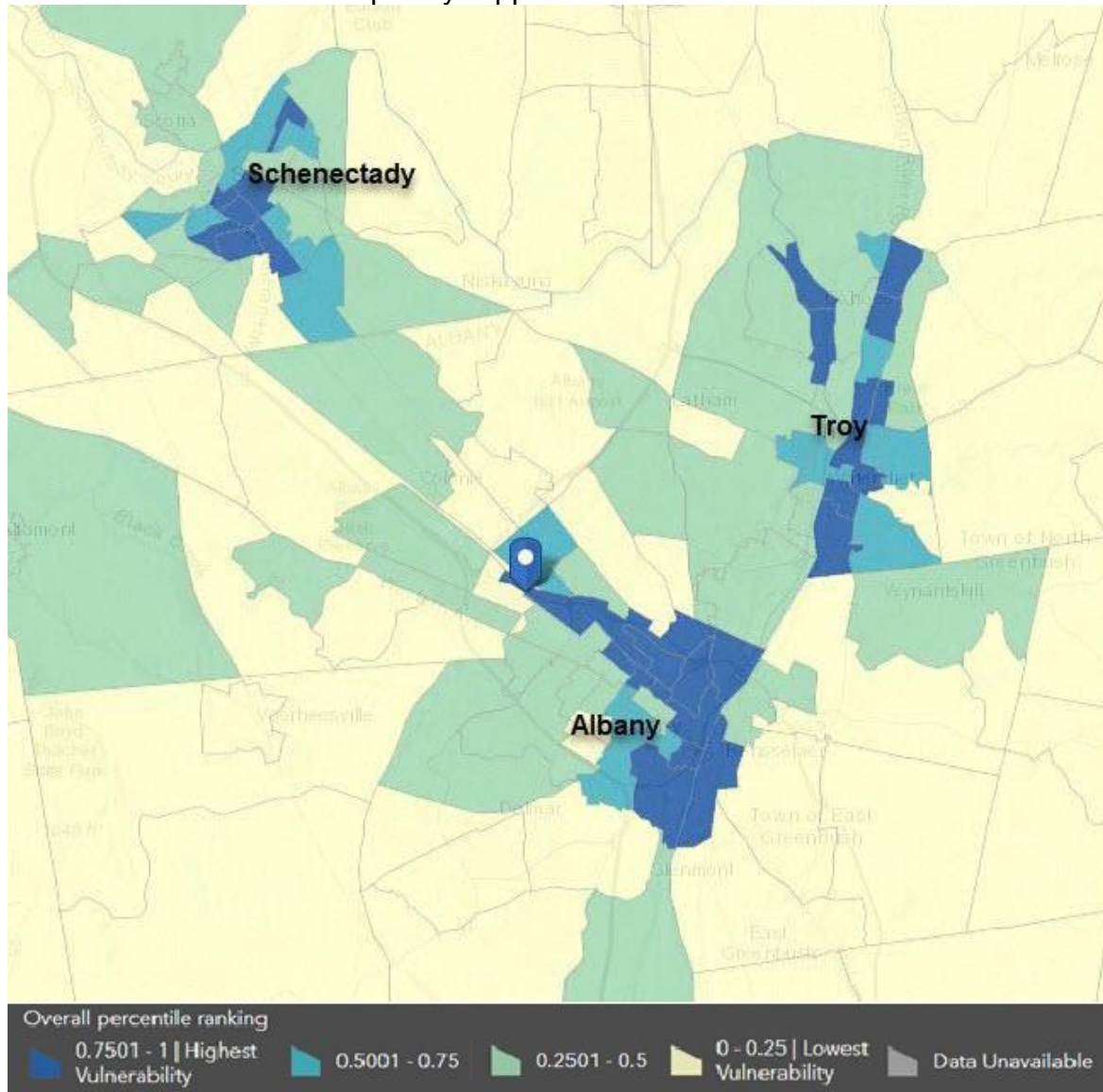
### Vaccine Site Selection

Location (address or coordinates)	1400 Washington Ave, Albany, NY 12222
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,600
Actual site throughput (doses provided over the past 30 days)	1,320 per day (avg.)

Albany County serves as the main hub for New York’s “Capital District,” which contains three of the state’s most socially vulnerable and diverse cities - Albany, Schenectady, and Troy. The total population of the three cities combined is over 210,000 people, higher than most of the counties in New York State.

- Albany, the most populous city of the three, is 33.7% Black or African American, significantly higher than the statewide average of 17.3%. Schenectady and Troy are both higher as well, at 24.5%, and 23.4% respectively.
- The poverty rates in all three cities are well above the statewide average of 13%, with Troy at 20.0%, Albany at 15.4%, and Schenectady at 13.5%. Of the individuals living below poverty, 32% in Troy have children under 18; in Albany and Schenectady it is about a quarter (26% and 25% respectively).
- Although the counties they are in may have Social Vulnerability Index Ratings below 0.5, **each of these three cities has a comparatively high SVI Rating**, as evidenced by the CDC SVI map below. These cities are concentrated areas with

significant disparities that deserve increased access to the vaccine. SUNY Albany site was added to adequately support these communities.

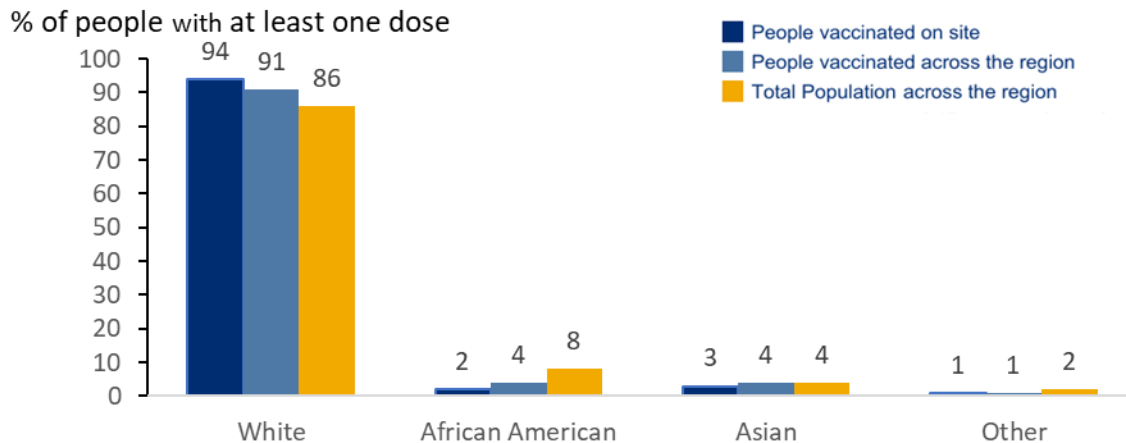


## Queensbury Site, Warren County

### Social Vulnerability Score

Weighted average score of **0.33** based on the CDC’s Social Vulnerability Index.

### Queensbury– Vaccinations by Race

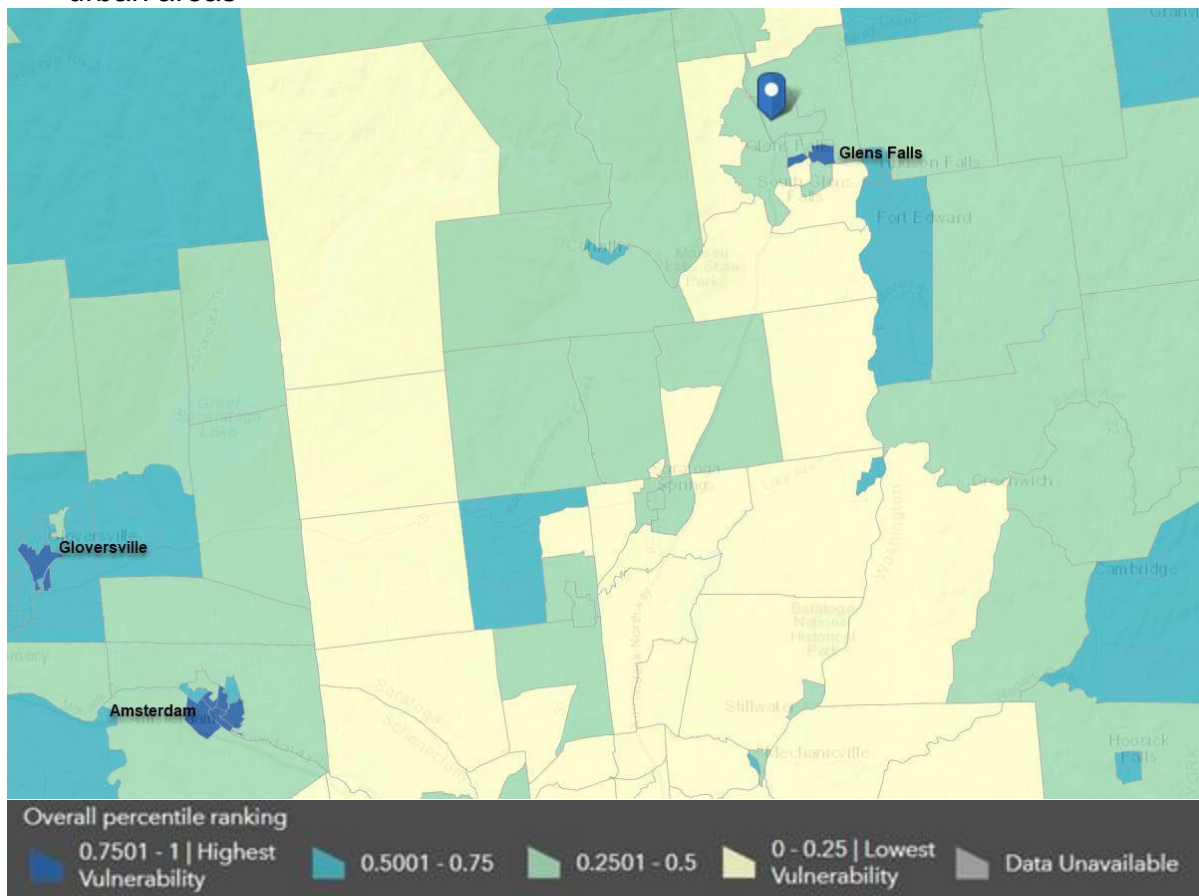


### Vaccine Site Selection Rationale

Location (address or coordinates)	Queensbury Aviation Mall – Sears, 578 Aviation Road, Queensbury, NY 12804
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	6,000
Actual site throughput (doses provided over the past 30 days)	520 per day (avg.)

- Queensbury Site was added to boost vaccine availability in the Capital Region and areas north of Albany:
  - Prior to Queensbury site addition, the next site north of SUNY Albany was in Plattsburgh, 160+ miles away (2.5-hour drive from Albany).
  - The Queensbury Site is located near a critical transport route, the I-87 highway connecting upstate and downstate New York, facilitating access to vaccination across Capital Region and areas north of Albany.
- Several socially vulnerable urban areas are within ~50 miles of the Queensbury Site, including:
  - Amsterdam – 17,700 population

- Glen Falls – 14,700 population
- Gloversville – 14,700 population
- The poverty rates in all three cities are well above the statewide average of 13%, with Amsterdam at 27.5%, Gloversville at 26.5%, and Glen Falls at 15.8%.
- In addition, there are many rural census tracts with SVIs >0.5 (e.g., Census Tract 740, 880, 606 amongst others). In these areas, health infrastructure may be limited, highlighting the importance of facilitating vaccination to help control future COVID outbreaks.
- Queensbury Site was added to adequately support these relatively poor, rural, and urban areas



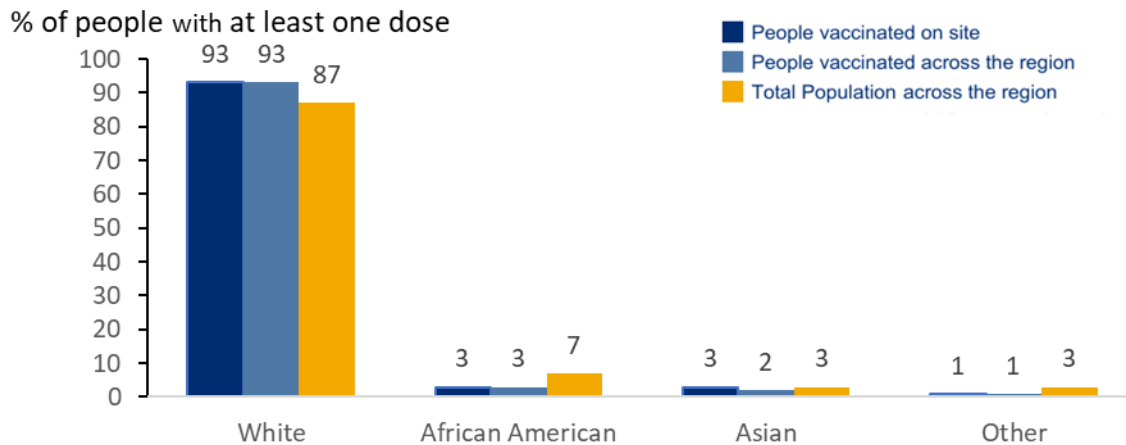


## State Fair, Onondaga County

### Social Vulnerability Score

Weighted average score of **0.35** based on the CDC's Social Vulnerability Index.

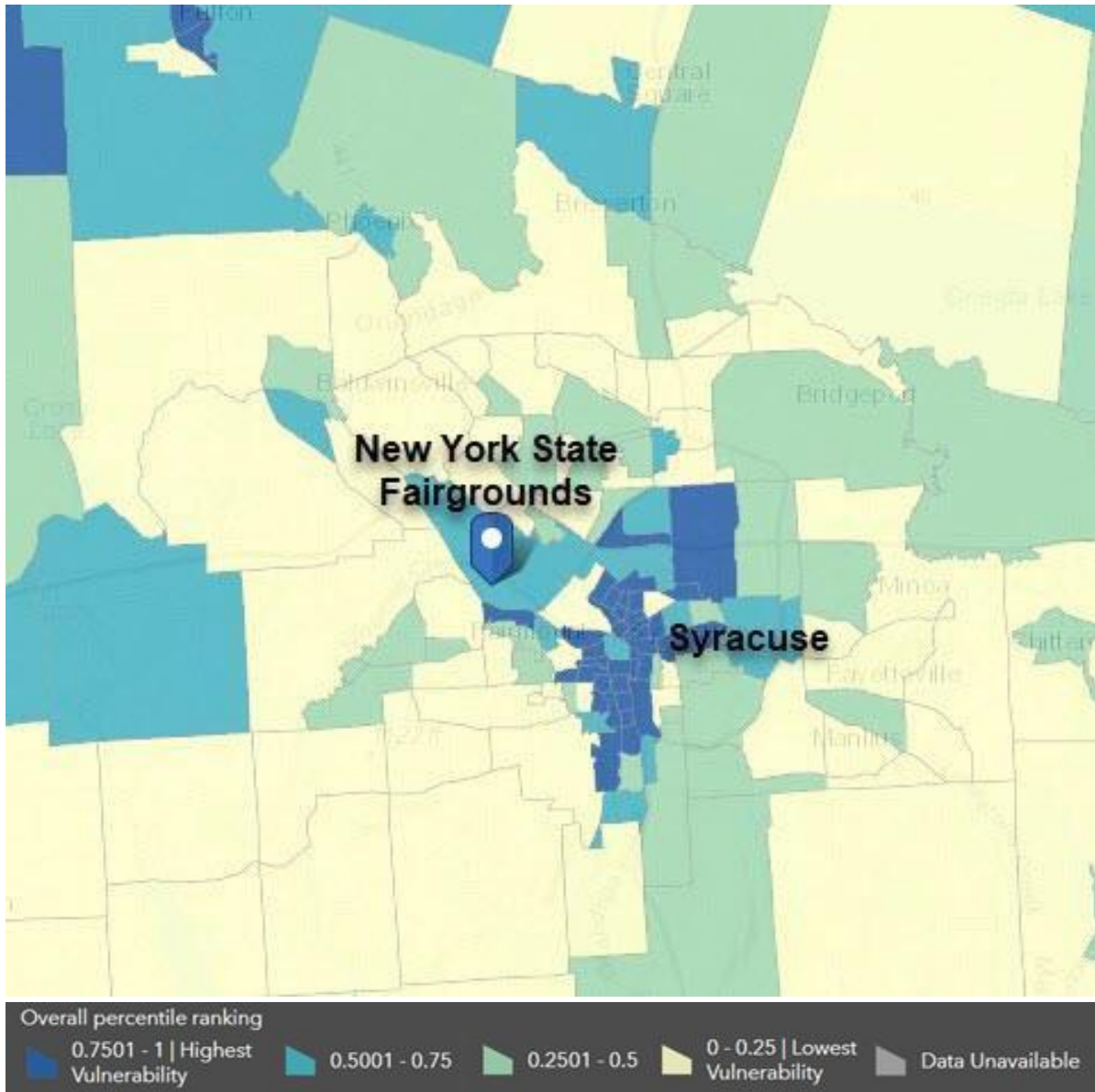
### State Fair – Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	NYS Fairgrounds, 581 State Fair Blvd Syracuse, NY 13209
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	7,500
Actual site throughput (doses provided over the past 30 days)	1,140 per day (avg.)

- Onondaga County, the most populous and diverse county in the Central New York region, has a SVI of 0.52, with 14.6% of the population living in poverty and 22.9% of the population identifying as a minority.
- In particular, the State Fair site is in Syracuse, one of the state's most socially vulnerable and diverse cities with population of 142,327 and a poverty rate of 31%, well above the statewide poverty rate of 13%. 30% of Syracuse residents identify as Black or African American, which is significantly higher than the statewide average of 17%.
- The State Fair site is also well positioned to serve residents from Oswego (SVI of 0.65) and Cayuga (SVI of 0.5) counties.

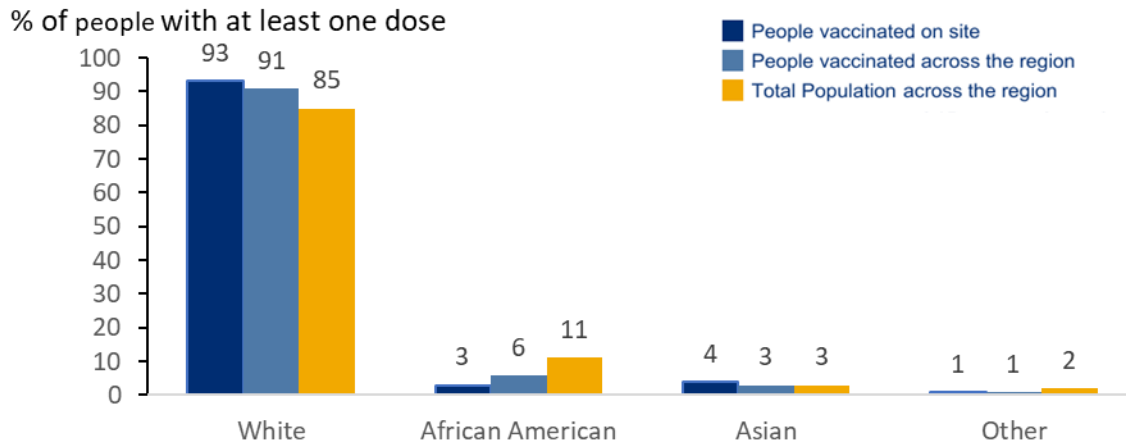


## Rochester Dome Arena, Monroe County

### Social Vulnerability Score

Weighted average score of **0.32** based on the CDC’s Social Vulnerability Index.

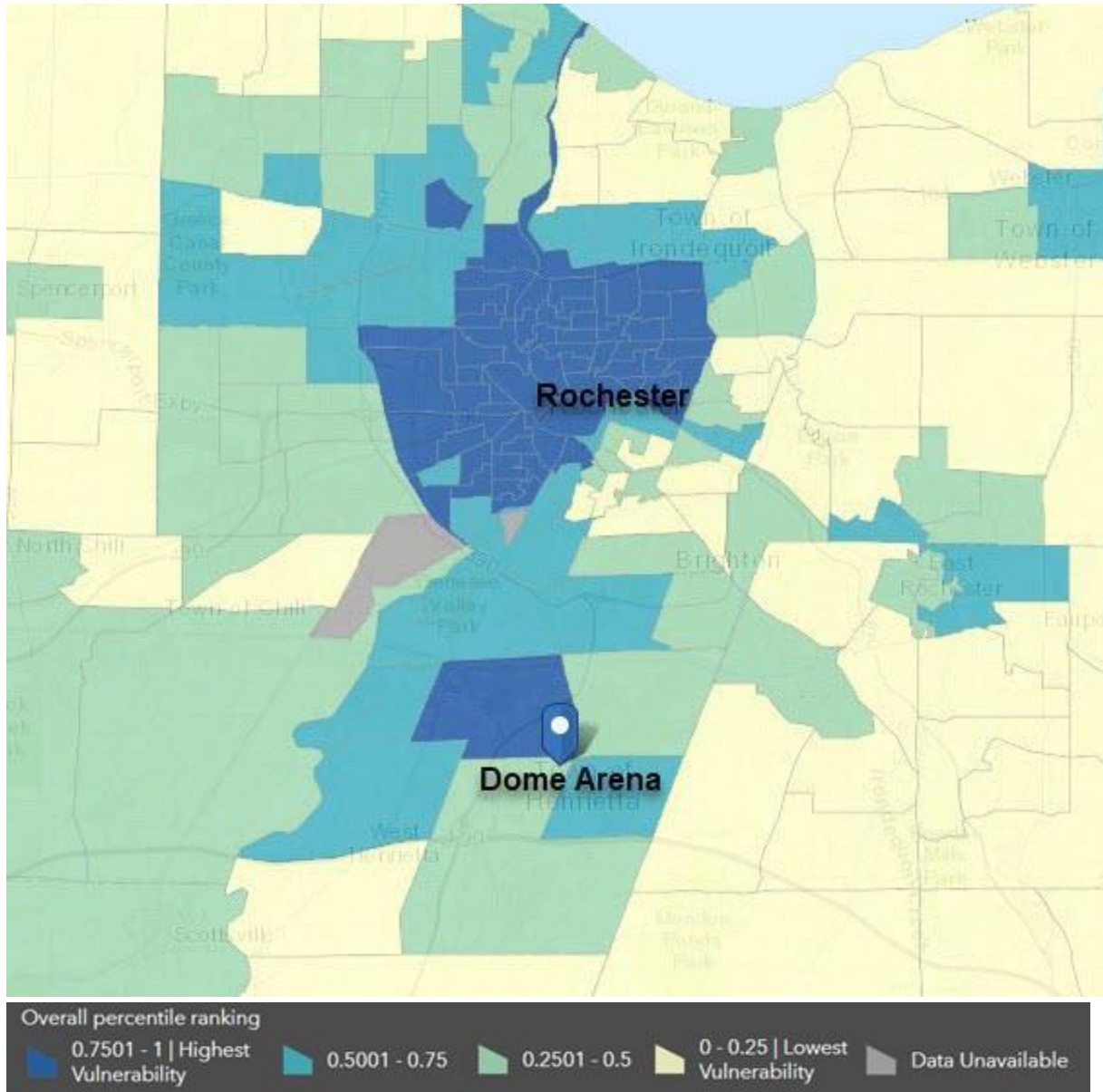
### Rochester Dome Arena– Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	2695 East Henrietta Road, Rochester, NY 14467
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	3,000
Actual site throughput (doses provided over the past 30 days)	1,200 per day (avg.)

- Monroe County, the most populous and diverse county in the Finger Lakes region, has a SVI of 0.52, with 14.7% of the population living in poverty and 29.2% of the population identifying as a minority.
- In particular, the Rochester Dome site is in one of the state’s most socially vulnerable and diverse cities with population of 205,695 (higher population than all other Finger Lakes counties) and a poverty rate of 31.3%, well above the statewide poverty rate of 13%. 39.8% of Rochester residents identify as Black or African American, which is significantly higher than the statewide average of 17%.

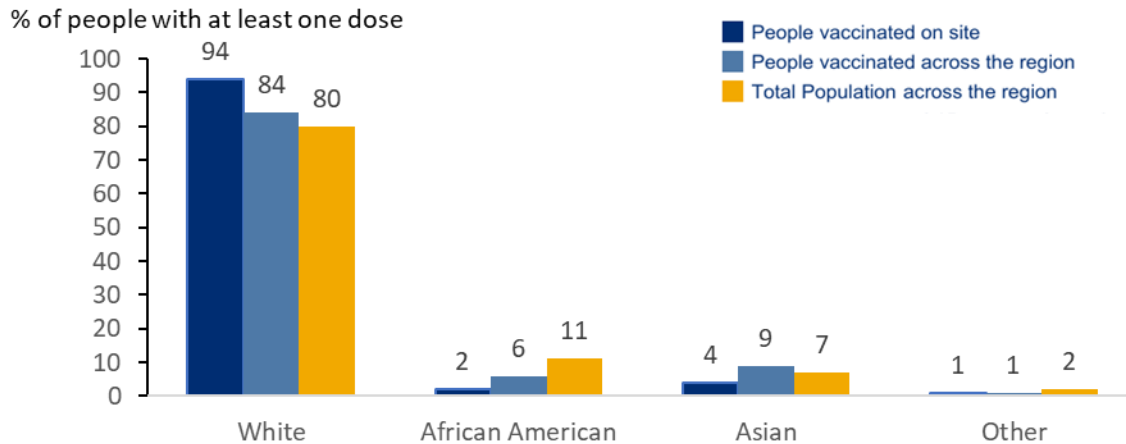


## Jones Beach, Nassau County

### Social Vulnerability Score

Weighted average score of **0.22** based on the CDC’s Social Vulnerability Index.

### Jones Beach– Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	1 Ocean Pkwy, Wantagh, NY 11793
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	1,260 per day (avg.)

- Due to Long Island’s density, high population (15% of NY total population), and close links to NYC, rapid COVID transmission can occur. Outside of NYC, they are the counties that have been hit the hardest by COVID-19 in terms of cases, positivity rates, hospitalizations, and deaths. Mass vaccination sites are critical to control spread of COVID.
- In particular, the Jones Beach site is close to several pockets of high social vulnerability:
  - Hempstead - 55,000 population
  - Freeport – 43,000 population

- Westbury – 15,351 population
- Hempstead has a poverty rate of 18.9%, well above the statewide average of 13%.
- These 3 areas are also particularly diverse. Hempstead, the most populous city of the three, is 45% Black or African American, significantly higher than the statewide average of 17%. Freeport and Westbury are both higher as well, at 30%, and 23% respectively.



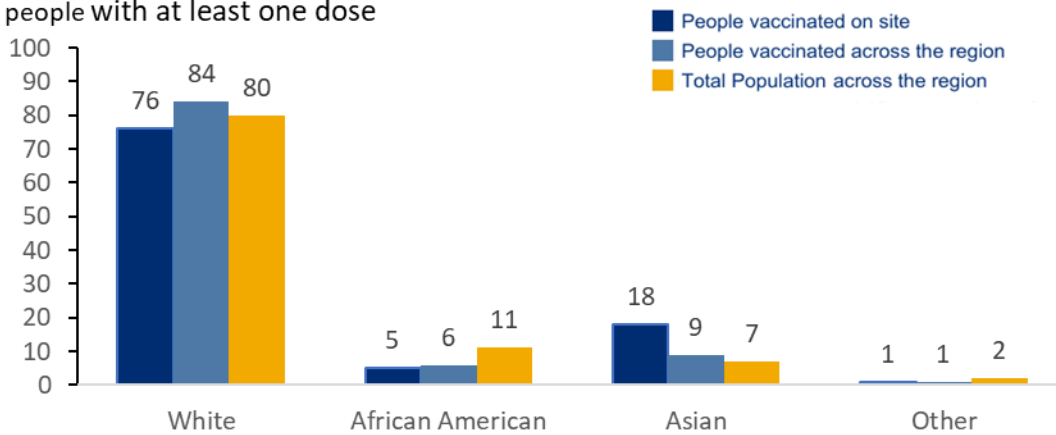
## SUNY Old Westbury, Nassau County

### Social Vulnerability Score

Weighted average score of **0.24** based on the CDC’s Social Vulnerability Index.

## SUNY Old Westbury – Vaccinations by Race

% of people with at least one dose



### Vaccine Site Selection Rationale

Location (address or coordinates)	Clark Center, Gate C, Store Hill Road and Cherry Road, Old Westbury, NY 11568
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	800 per day (avg.)

- Due to Long Island’s density, high population (15% of NY total population), and close links to NYC, rapid COVID transmission can occur. Outside of NYC, they are the counties that have been hit the hardest by COVID-19 in terms of cases, positivity rates, hospitalizations, and deaths. Mass vaccination sites are critical to control spread of COVID.
- In particular, the SUNY Old Westbury site is close to several pockets of high social vulnerability:
  - Hempstead - 55,000 population
  - Westbury – 15,351 population

- Hempstead has a poverty rate of 18.9%, well above the statewide average of 13%.
- These 3 areas are also particularly diverse. Hempstead, the most populous city of the three, is 45% Black or African American, significantly higher than the statewide average of 17%. Westbury is also higher as well, at 23% Black or African American.





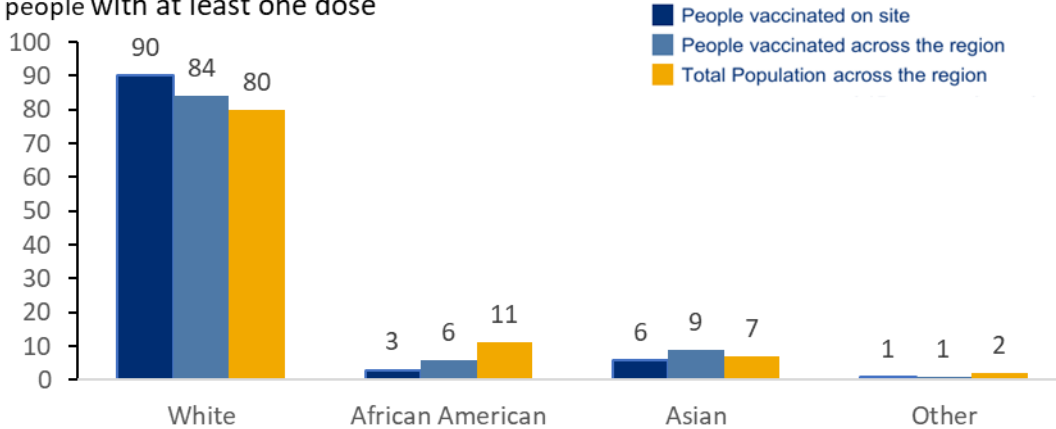
## SUNY Stony Brook, Suffolk County

### Social Vulnerability Score

Weighted average score of **0.23** based on the CDC's Social Vulnerability Index.

### SUNY Stony Brook – Vaccinations by Race

% of people with at least one dose

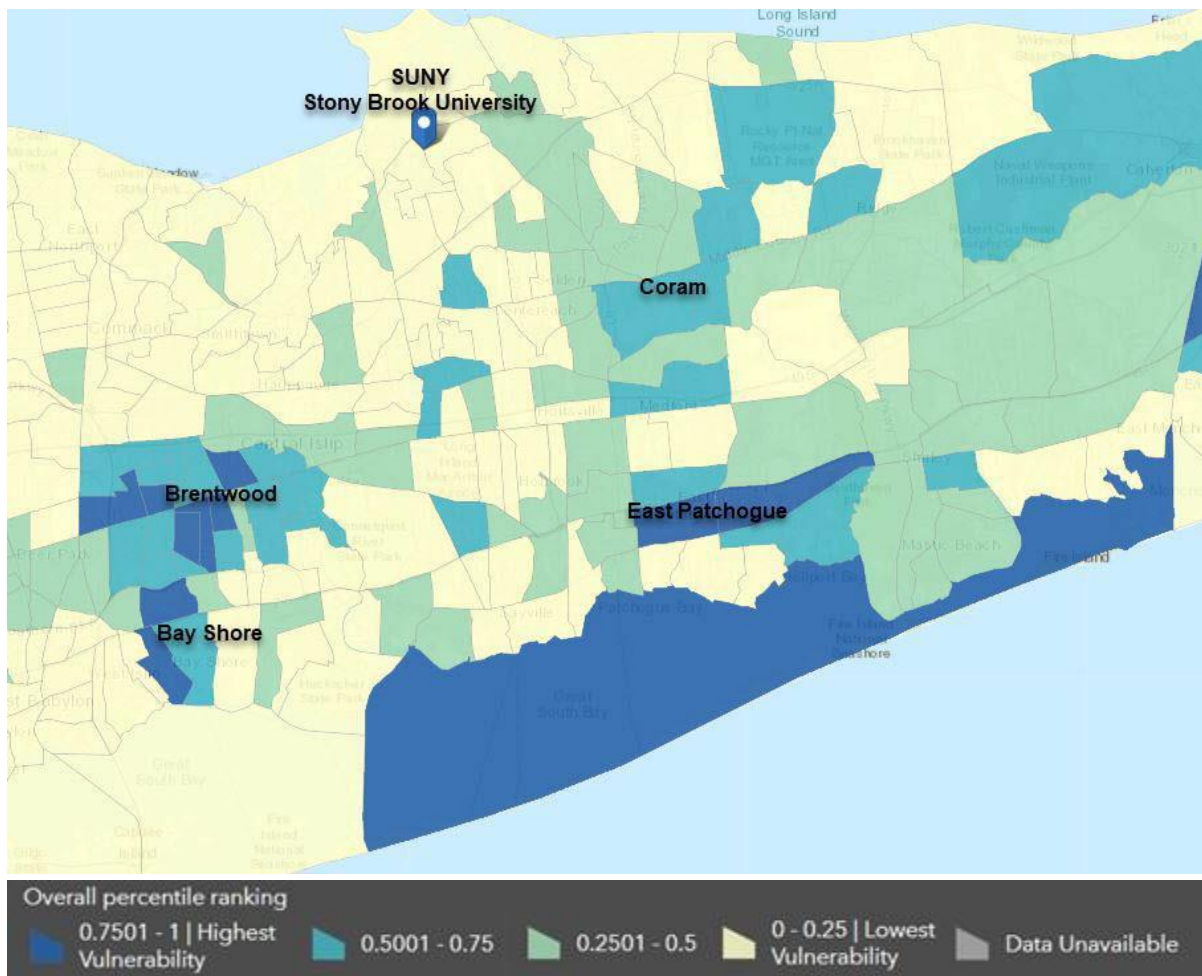


### Vaccine Site Selection Rationale

Location (address or coordinates)	100 Nichols Rd, Stony Brook, NY 11794
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	3,000
Actual site throughput (doses provided over the past 30 days)	1,500 per day (avg.)

- Due to Long Island's density, high population (15% of NY total population), and close links to NYC, rapid COVID transmission can occur. Outside of NYC, they are the counties that have been hit the hardest by COVID-19 in terms of cases, positivity rates, hospitalizations, and deaths. Mass vaccination sites are critical to control spread of COVID.

- In particular, the SUNY Stony Brook site is close to several pockets of high social vulnerability:
  - Coram – 39,000 population
  - Brentwood – 61,000 population
  - Bayshore – 26,000 population



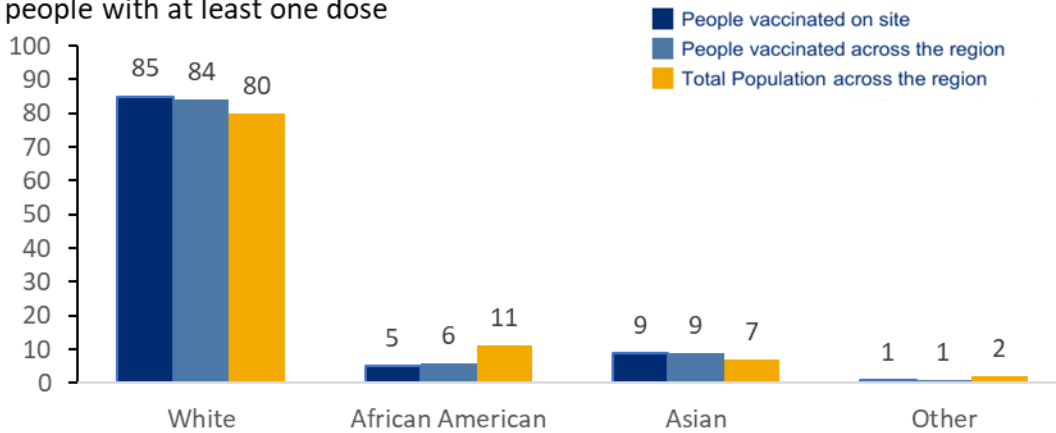
## **Suffolk Community College - Brentwood, Suffolk County**

### **Social Vulnerability Score**

Weighted average score of **0.34** based on the CDC’s Social Vulnerability Index.

### **Suffolk Community College – Vaccinations by Race**

% of people with at least one dose

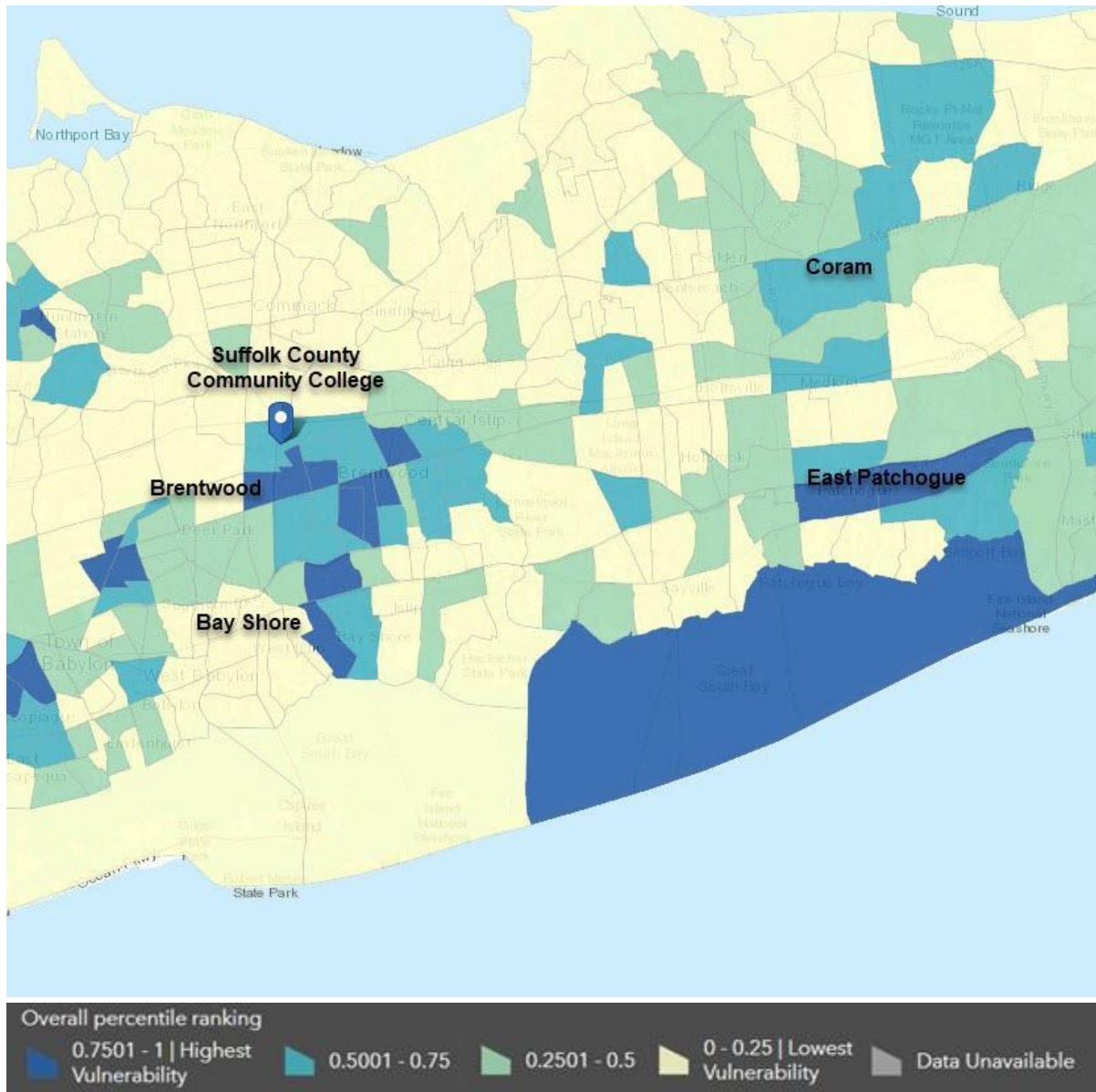


### **Vaccine Site Selection Rationale**

Location (address or coordinates)	Suffolk Federal Credit Union Arena, 1001 Crooked Hill Road, Brentwood, NY 11717
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	900 per day (avg.)

- Due to Long Island’s density, high population (15% of NY total population), and close links to NYC, rapid COVID transmission can occur. Outside of NYC, they are the counties that have been hit the hardest by COVID-19 in terms of cases, positivity rates, hospitalizations, and deaths. Mass vaccination sites are critical to control spread of COVID.
- In particular, the Suffolk Community College site is close to several pockets of high social vulnerability:
  - Coram – 39,000 population
  - Brentwood – 61,000 population
  - Bayshore – 26,000 population

- East Patchogue – 22,000 population

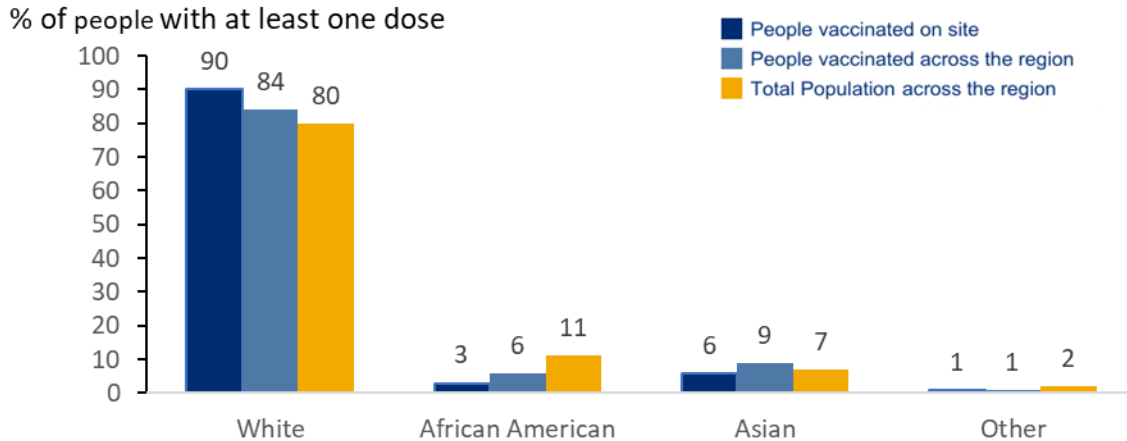


## SUNY Stony Brook Southampton, Suffolk County

### Social Vulnerability Score

Weighted average score of **0.31** based on the CDC’s Social Vulnerability Index.

### SUNY Stony Brook Southampton – Vaccinations by Race

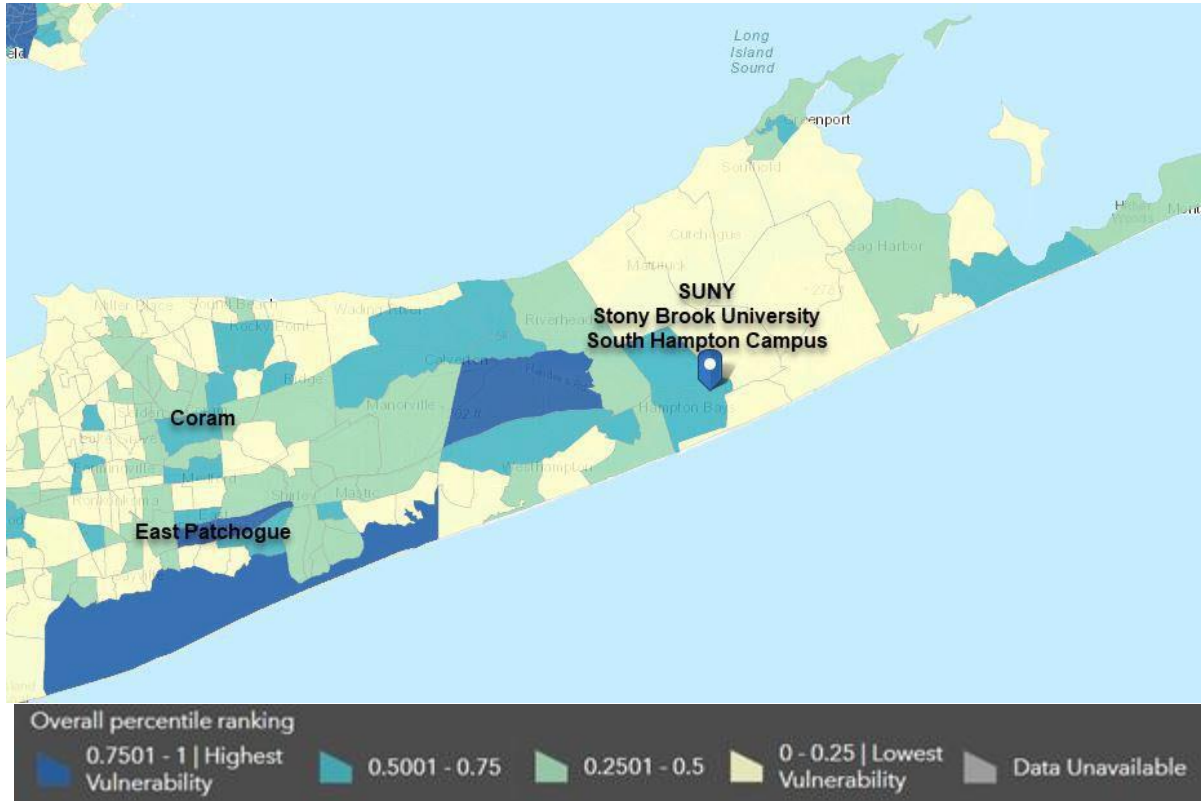


### Vaccine Site Selection Rationale

Location (address or coordinates)	SUNY Stony Brook Southampton Campus, 70 Tuckahoe Road, Southampton, NY 11968
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	1,000
Actual site throughput (doses provided over the past 30 days)	500 per day (avg.)

- Due to Long Island’s density, high population (15% of NY total population), and close links to NYC, rapid COVID transmission can occur. Outside of NYC, they are the counties that have been hit the hardest by COVID-19 in terms of cases, positivity rates, hospitalizations, and deaths. Mass vaccination sites are critical to control spread of COVID.

- In particular, the SUNY Stony Brook Southampton site is close to several pockets of high social vulnerability:
  - Coram – 39,000 population
  - East Patchogue – 22,000 population



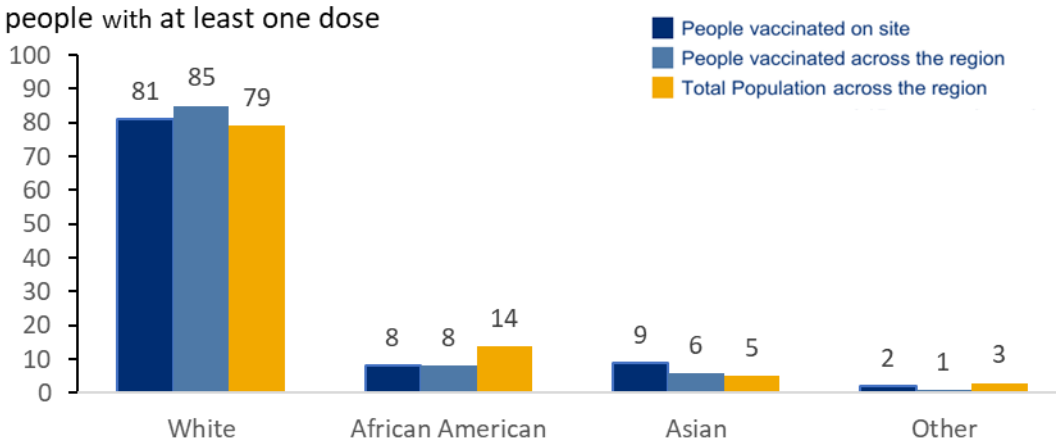
## SUNY Orange, Orange County

### Social Vulnerability Score

Weighted average score of **0.42** based on the CDC's Social Vulnerability Index.

### SUNY Orange – Vaccinations by Race

% of people with at least one dose

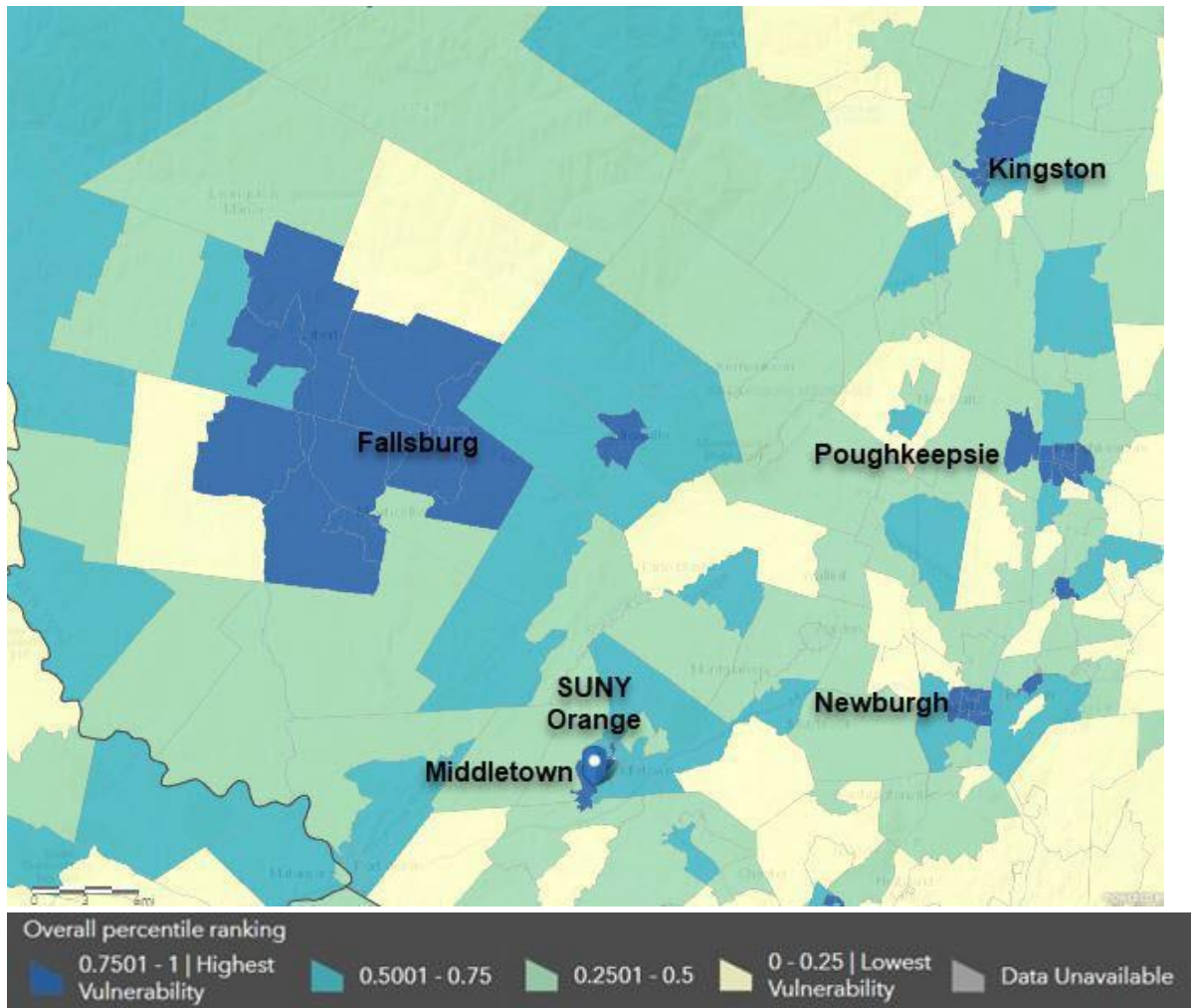


### Vaccine Site Selection Rationale

Location (address or coordinates)	Diana Physical Education Center, 9 East Conkling Ave. Middletown, NY 10940
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	4,000
Actual site throughput (doses provided over the past 30 days)	550 per day (avg.)

- Orange County, a county of ~378k population in the Mid-Hudson region, has an above-average SVI score of 0.55, with 11.8% of the population living in poverty and 35.1% of the population identifying as a minority.
- In particular, the SUNY Orange Site is in Middletown, a diverse and socially vulnerable city with a poverty rate of 15%, above the statewide poverty rate of 13%. Also, 22% of Middletown residents identify as Black or African American, which is higher than the statewide average of 17%.
- The SUNY Orange site is also well positioned to serve residents across Mid-Hudson, including several areas of high social vulnerability including:

- Fallsburg – 13k population, with 19.2% poverty rate
- Kingston – 23k population, with 19.2% poverty rate
- Poughkeepsie – 31k population with 19.4% poverty rate
- Newburgh – 28k population, with 25.4% poverty rate



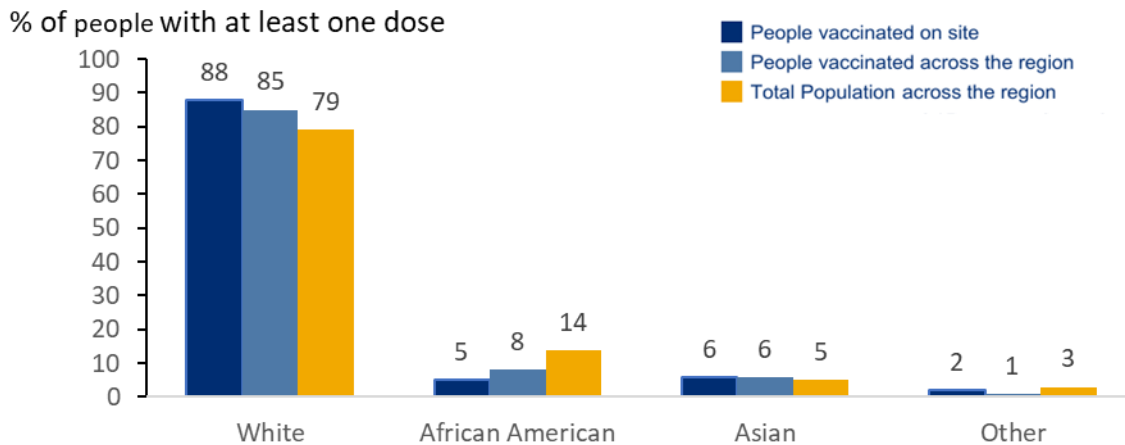


## Ulster County Fairground, Ulster County

### Social Vulnerability Score

Weighted average score of **0.41** based on the CDC’s Social Vulnerability Index.

### Ulster County Fairground– Vaccinations by Race

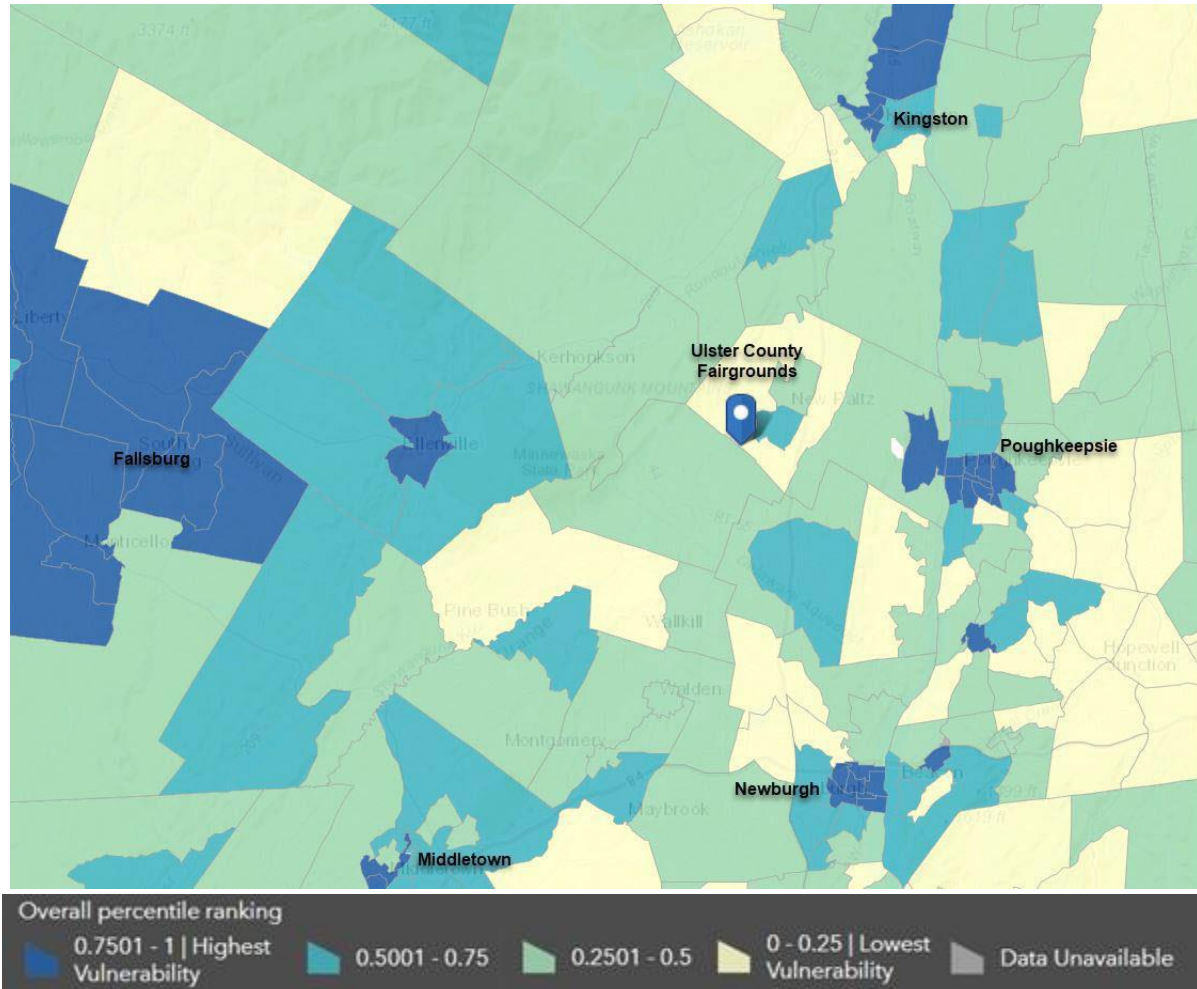


### Vaccine Site Selection Rationale

Location (address or coordinates)	249 Libertyville Road, New Paltz, NY 12561
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,500
Actual site throughput (doses provided over the past 30 days)	460 per day (avg.)

- Like the SUNY Orange site, the Ulster County Fairground is well positioned to serve residents in need across Mid-Hudson, including several areas of high social vulnerability including:
  - Fallsburg – 13k population, with 19.2% poverty rate
  - Kingston – 23k population, with 19.2% poverty rate
  - Poughkeepsie – 31k population with 19.4% poverty rate
  - Newburgh – 28k population, with 25.4% poverty rate

- In particular, the Ulster County Fairground is close to a critical transportation hub, the I-87 highway, which links upstate and downstate NY. This facilitates access for a wide range of New Yorkers across the state.

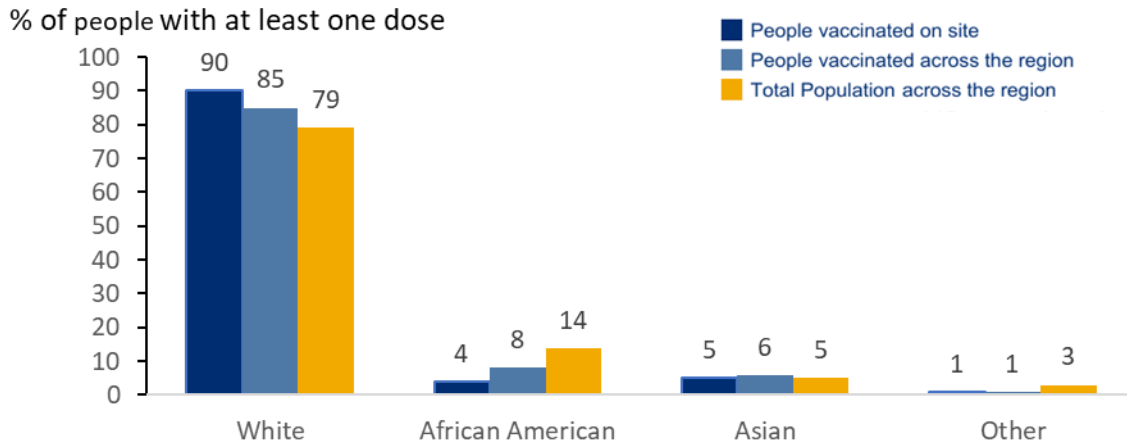


**Westchester County Center, Westchester County**

**Social Vulnerability Score**

Weighted average score of **0.33** based on the CDC’s Social Vulnerability Index.

**Westchester County Center – Vaccinations by Race**

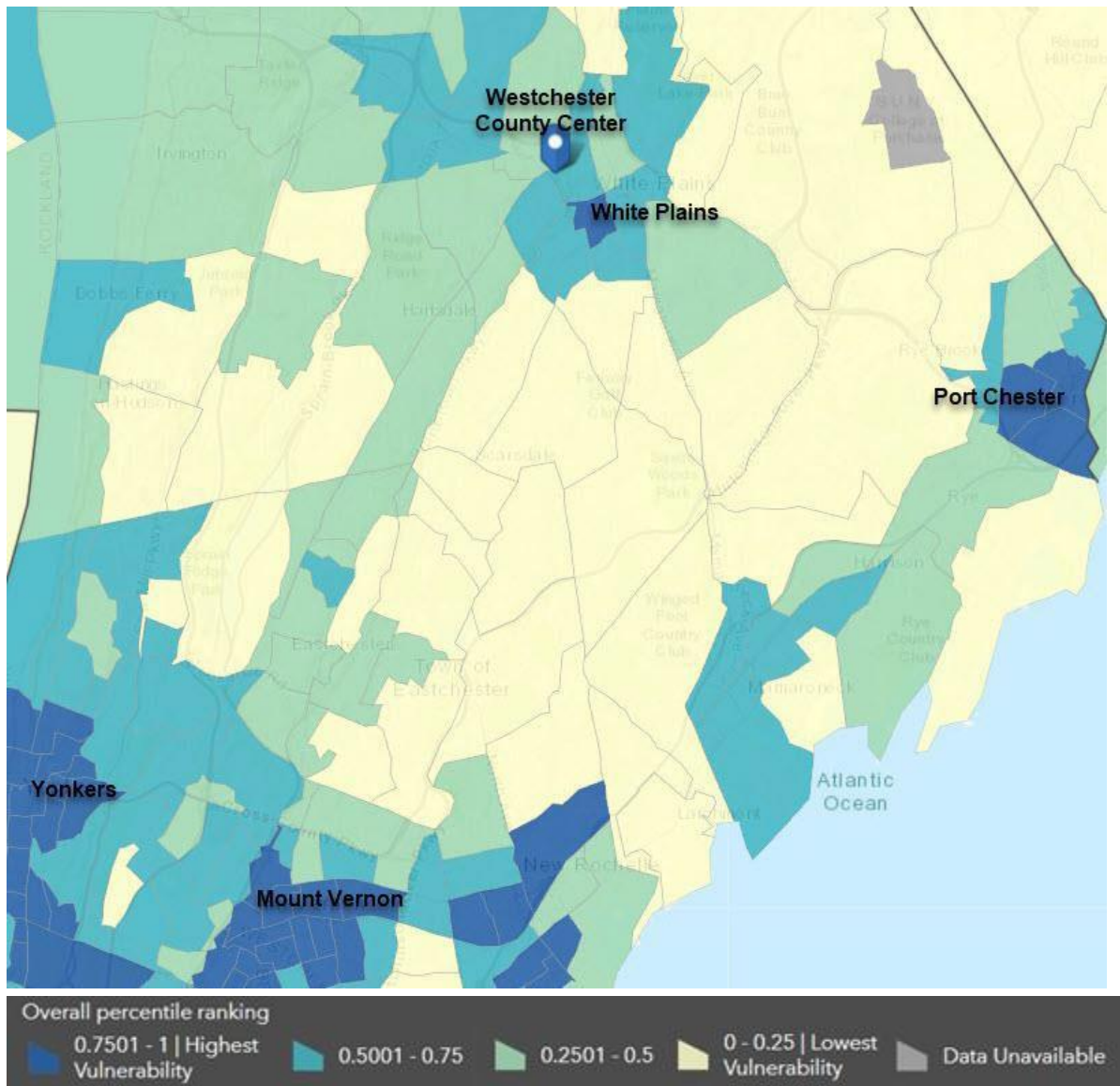


**Vaccine Site Selection Rationale**

Location (address or coordinates)	198 Central Avenue, White Plains, NY 10606
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	3,000
Actual site throughput (doses provided over the past 30 days)	1,865 per day (avg.)

- Westchester County, one of the most populous counties in New York with ~969k residents, is a critical juncture linking NYC to the rest of the State. It is also a key transportation hub in the tri-state region, bordering NJ. and CT. This highlights the importance of establishing a vaccination site in the county to control the spread of COVID.
- Westchester is also particularly diverse, with 46% of all residents identifying as a minority.
- In particular, the Westchester County Center site is in White Plains, a city with above average vulnerability.

- The Westchester County Center in White Plains is also located near several other areas of high social vulnerability including:
  - Yonkers – 200k population, with 14.9% poverty rate
  - Mount Vernon – 67k population, with 13.9% poverty rate
  - Sleepy Hollow – 10k population, with 13.4% poverty rate
  - Port Chester – 29k population, with 11.0% poverty rate

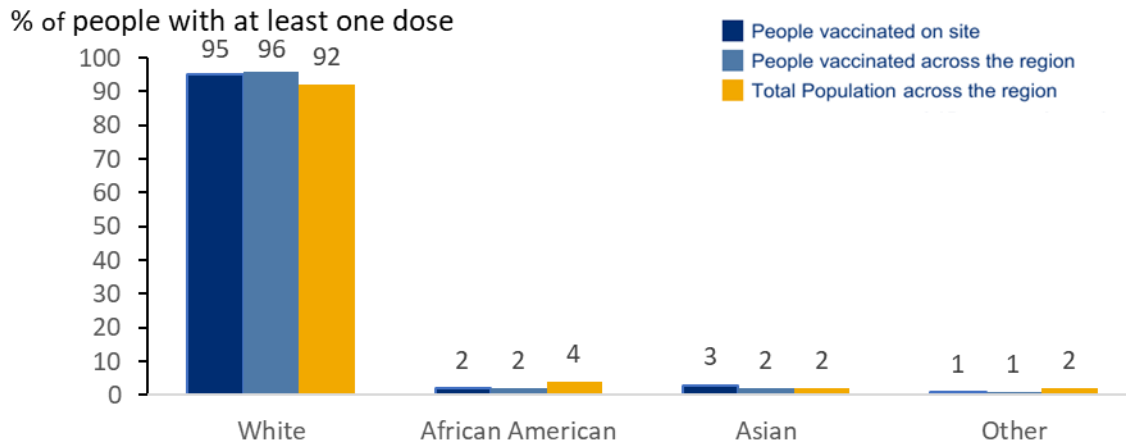


## SUNY Polytechnic, Oneida County

### Social Vulnerability Score

Weighted average score of **0.39** based on the CDC’s Social Vulnerability Index.

### SUNY Polytechnic– Vaccinations by Race

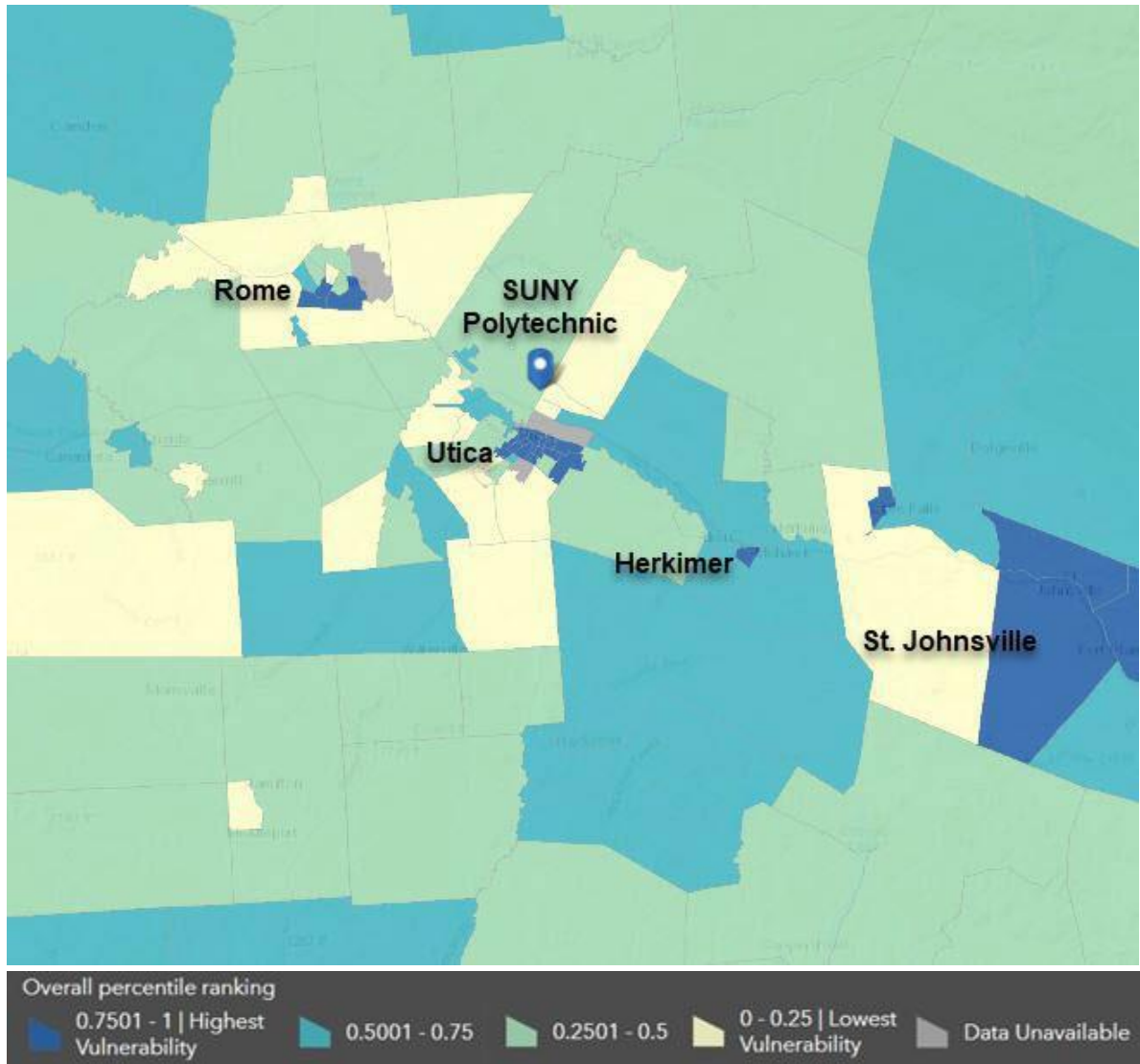


### Vaccine Site Selection Rationale

Location (address or coordinates)	Wildcat Field House, 880 Wildcat Drive, Utica, NY, 13502
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	3,000
Actual site throughput (doses provided over the past 30 days)	360 per day (avg.)

- Oneida County, the most populous counties in Mohawk Valley with ~231k residents, has a SVI of 0.69 and poverty rate of 16.1%, well above the state average of 13%. It also neighbors several other counties with above average SVI, including:
  - Montgomery County – SVI of 0.83, poverty rate of 19.9%
  - Herkimer County – SVI of 0.53, poverty rate of 14.6%
  - Fulton County – SVI of 0.50, poverty rate of 15.5%
- In particular, the SUNY Poly site is located in Utica, one of the largest cities in Mohawk Valley with a population of 60k, and one of the poorest cities in Mohawk Valley with a poverty rate of 29.4%.

- In addition to large rural areas of above average SVI near Utica, there are also several highly vulnerable pockets including:
  - Rome – 32k population, with 19.5% poverty rate
  - Herkimer – 10k population, with 14.3% poverty rate
  - St. Johnsville – 2k population, with 29% poverty rate

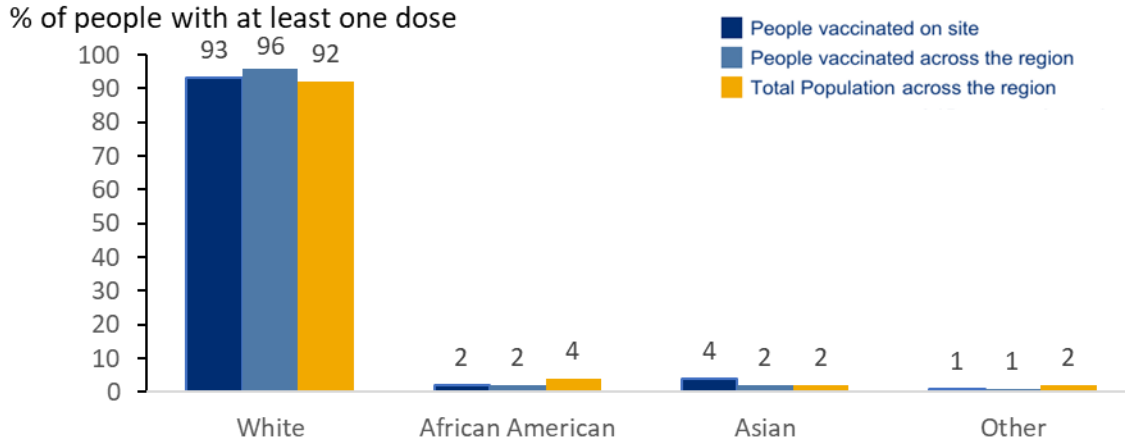


## SUNY Oneonta, Otsego County

### Social Vulnerability Score

Weighted average score of **0.45** based on the CDC’s Social Vulnerability Index.

### SUNY Oneonta – Vaccinations by Race

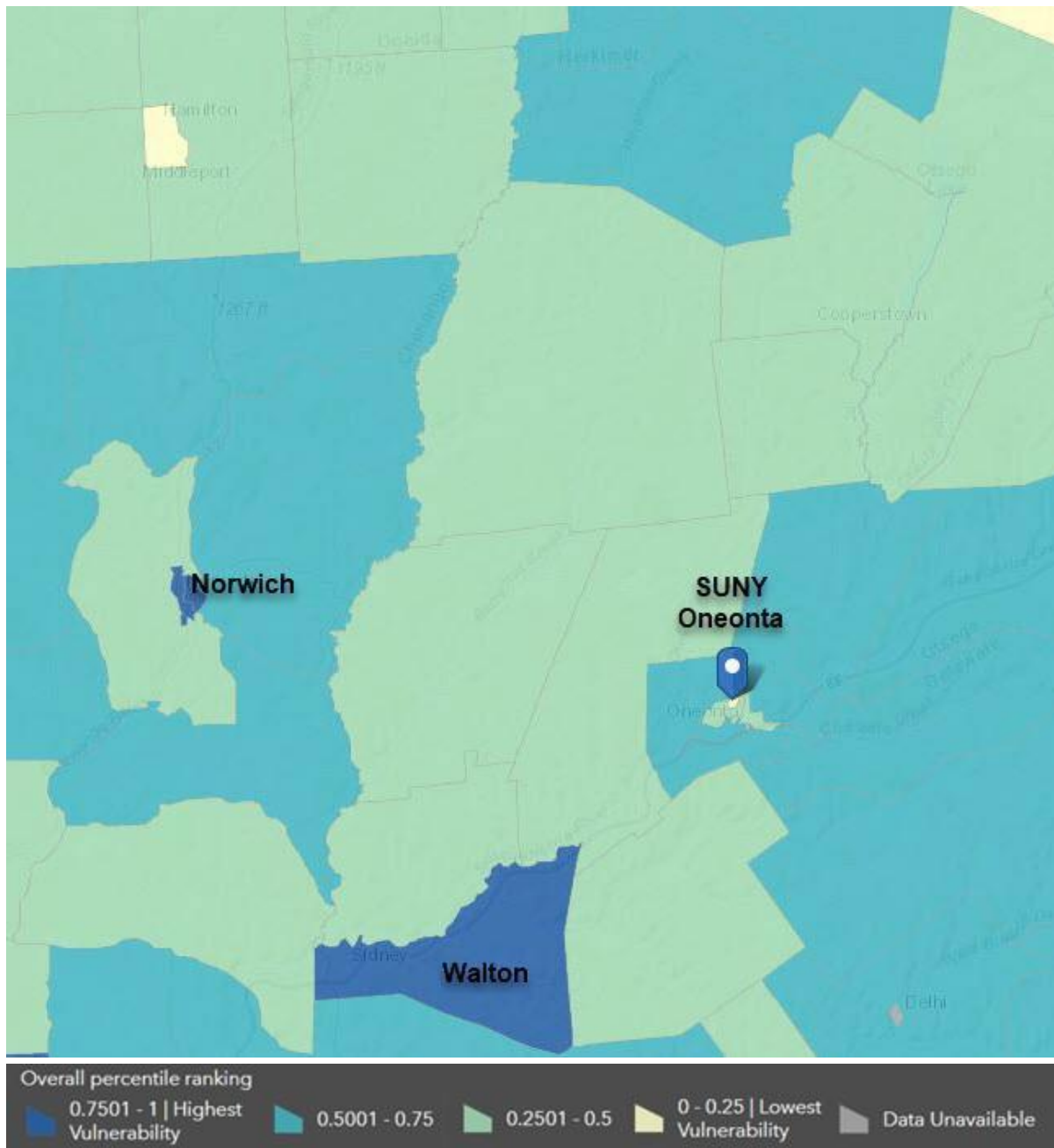


### Vaccine Site Selection Rationale

Location (address or coordinates)	Alumni Fieldhouse, 108 Ravine Parkway, Oneonta, NY 13820
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	4,000
Actual site throughput (doses provided over the past 30 days)	220 per day (avg.)

- SUNY Oneonta is in the heart of the northern Appalachians, a rural mountainous area of above average social vulnerability and poverty. Oneonta, a city of ~14k people, has a poverty rate of 22.2%, well above the state average of 13%.
- In addition to many large census tracts of above average SVI near Oneonta (e.g., Tracts 5905 and 5907), there are also several highly vulnerable pockets of social vulnerability including:
  - Norwich – 7k population, with 22.9% poverty rate

- Walton – 5k population, with 23.6% poverty rate





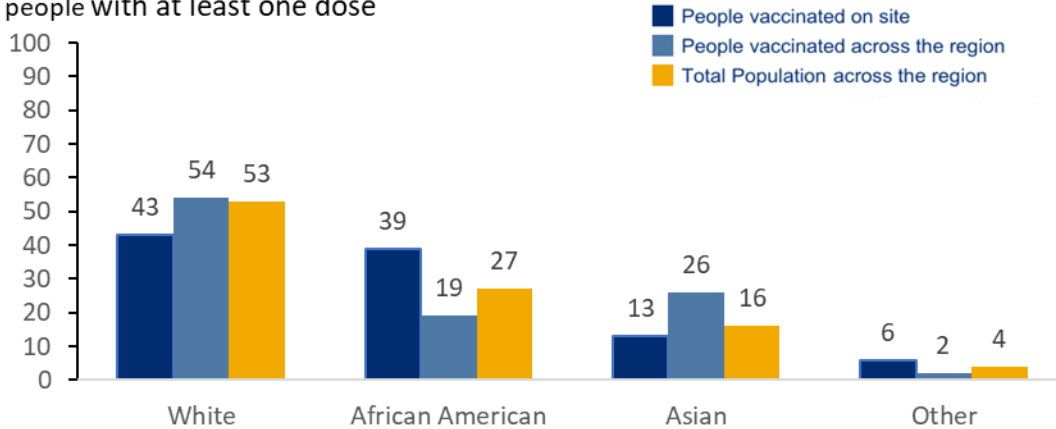
## Yankee Stadium, Bronx County

### Social Vulnerability Score

Weighted average score of **0.87** based on the CDC’s Social Vulnerability Index.

### Yankee Stadium – Vaccinations by Race

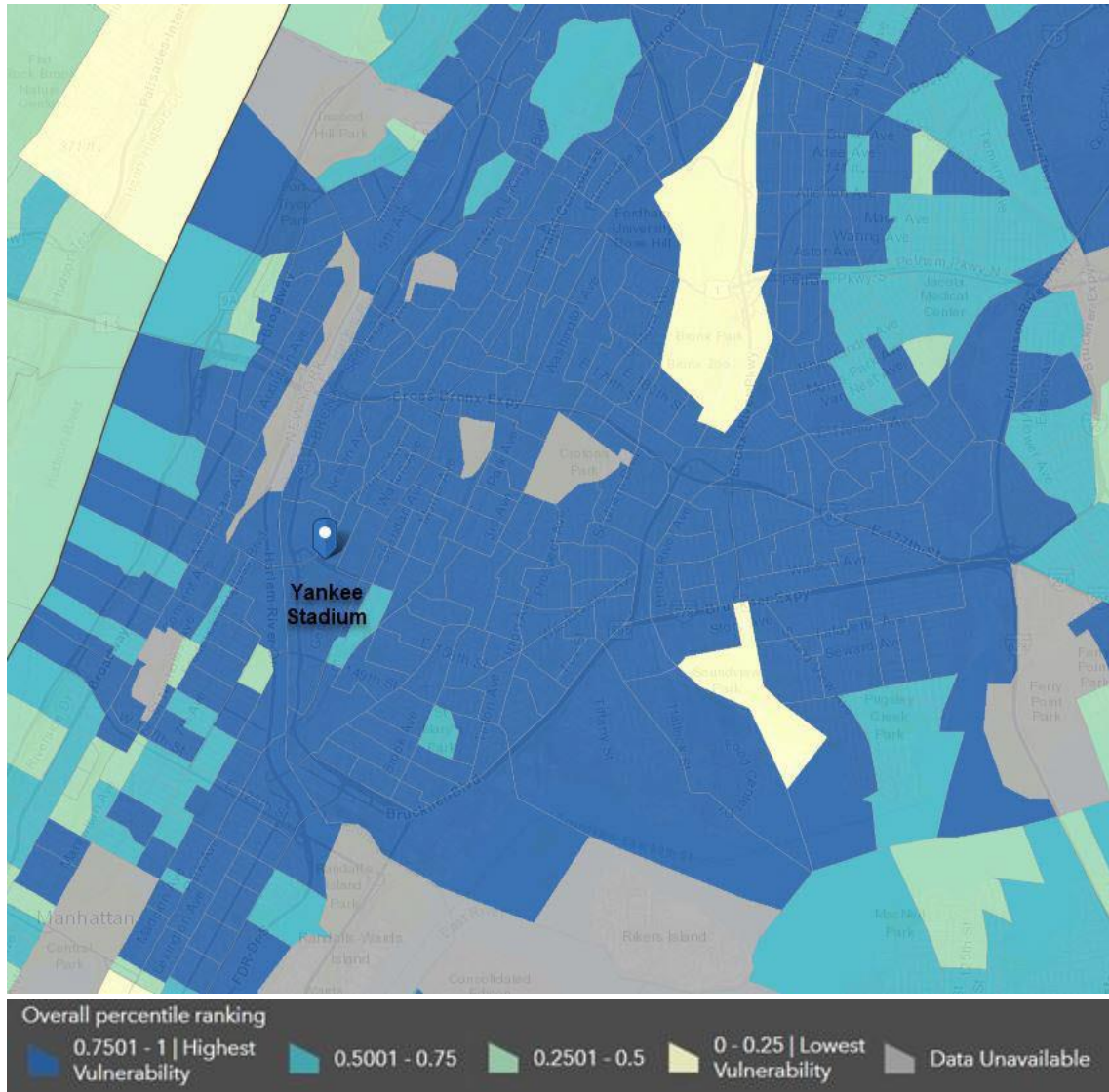
% of people with at least one dose



### Vaccine Site Selection Rationale

Location (address or coordinates)	1 E 161 St, The Bronx, NY 10451
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	1,500
Actual site throughput (doses provided over the past 30 days)	165per day (avg.) *Daily site operating hours vary

- Bronx County is the county with the highest social vulnerability across the state of New York (SVI of 0.99). Over 90% of Bronx residents identify as a minority (well above the state average of 17%), and over 29% are living in poverty (well above the state average of 13%).
- To ensure vaccinations were going to this community of high need, Yankee Stadium was designed as a Bronx-resident only mass vaccination site. As of 5/12, 56,055 Bronx residents have been vaccinated at Yankee Stadium.



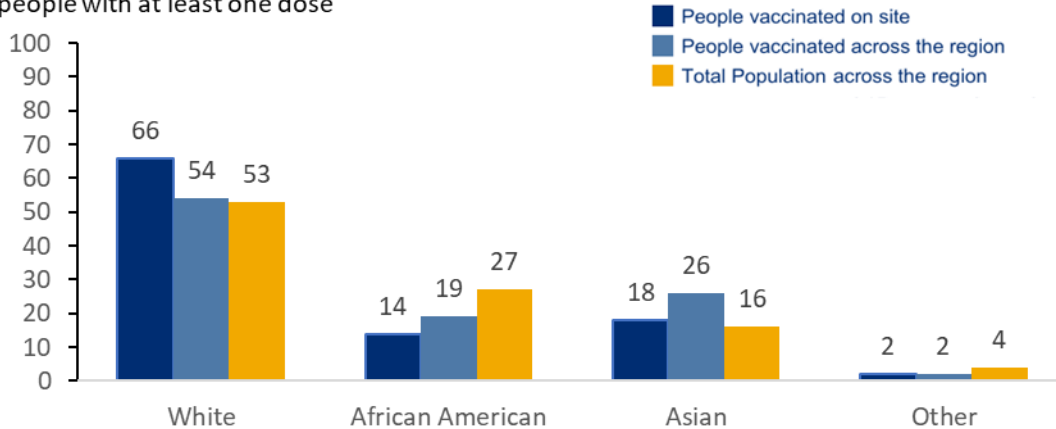
## **Bay Eden Senior Center, Bronx County**

### **Social Vulnerability Score**

Weighted average score of **0.59** based on the CDC’s Social Vulnerability Index.

### **Bronx Bay Eden Senior Center– Vaccinations by Race**

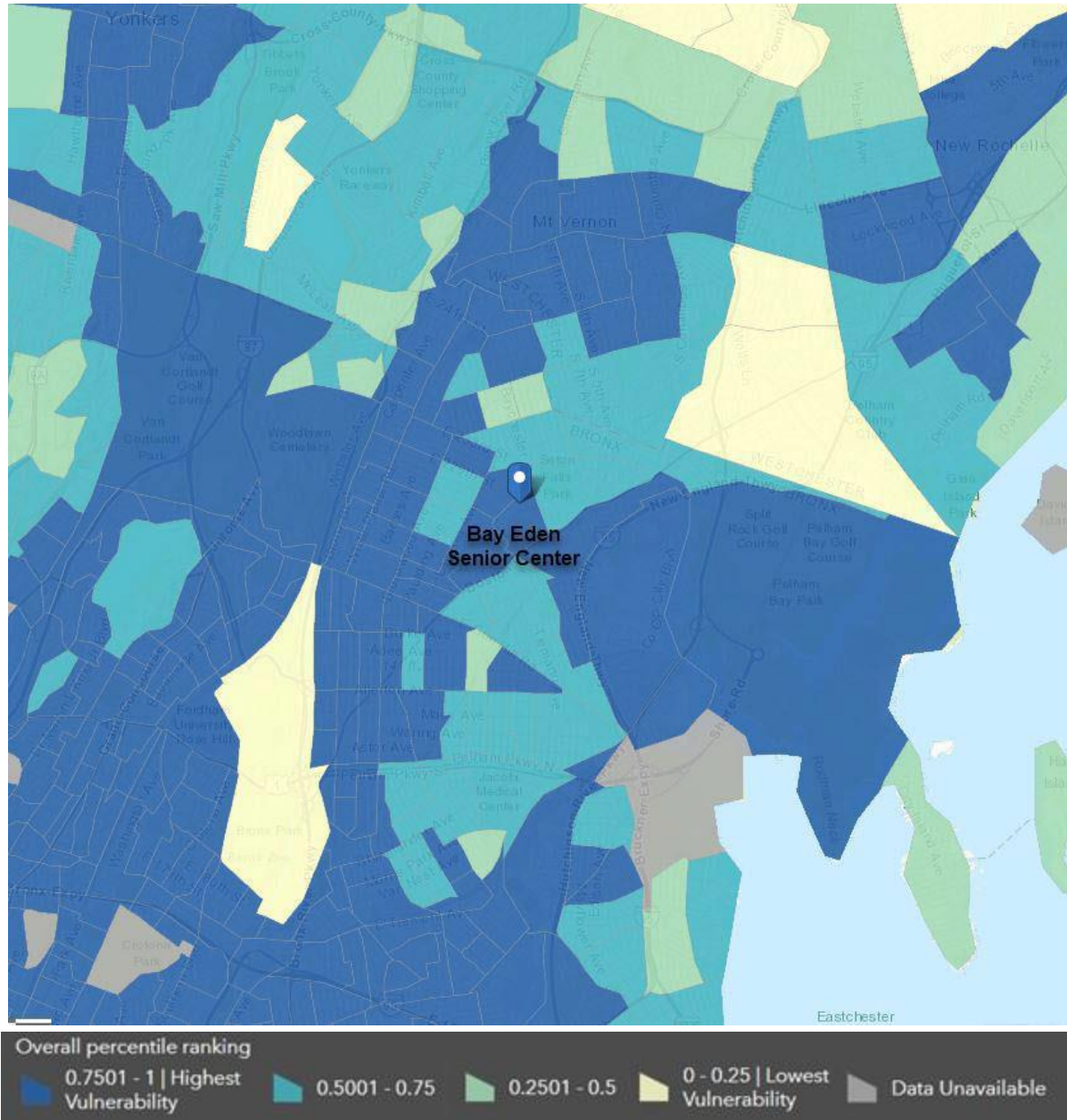
% of people with at least one dose



### **Vaccine Site Selection Rationale**

Location (address or coordinates)	Bay Eden Senior Center, 1220 East 229th St. Bronx, NY 10466
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	620 per day (avg.)

- Bronx County is the county with the highest social vulnerability across the state of New York (SVI of 0.99). Over 90% of Bronx residents identify as a minority (well above the state average of 17%), and over 29% are living in poverty (well above the state average of 13%).
- The Bay Eden Center is directly in an area of high social vulnerability and is in walking distance of stations on two subway lines linking the area directly to areas of deep social vulnerability directly south of the facility.



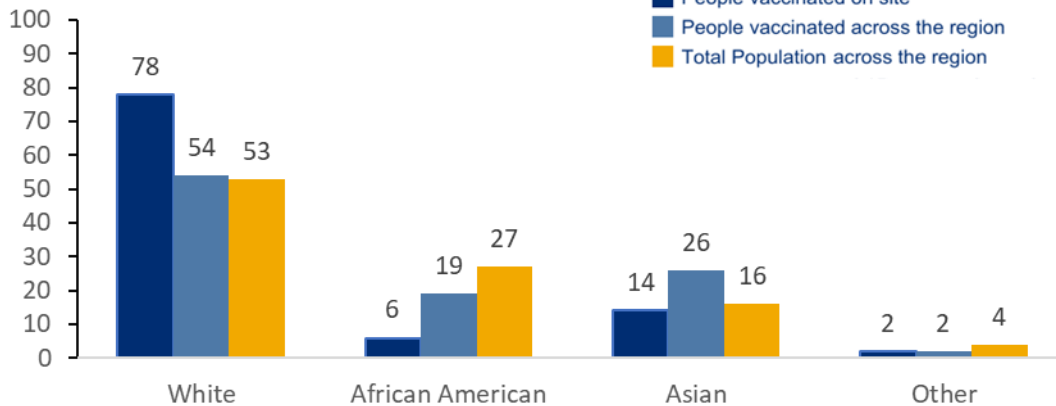
## Javits Center, New York County

### Social Vulnerability Score

Weighted average score of **0.40** based on the CDC’s Social Vulnerability Index.

### Javits Center– Vaccinations by Race

% of people with at least one dose



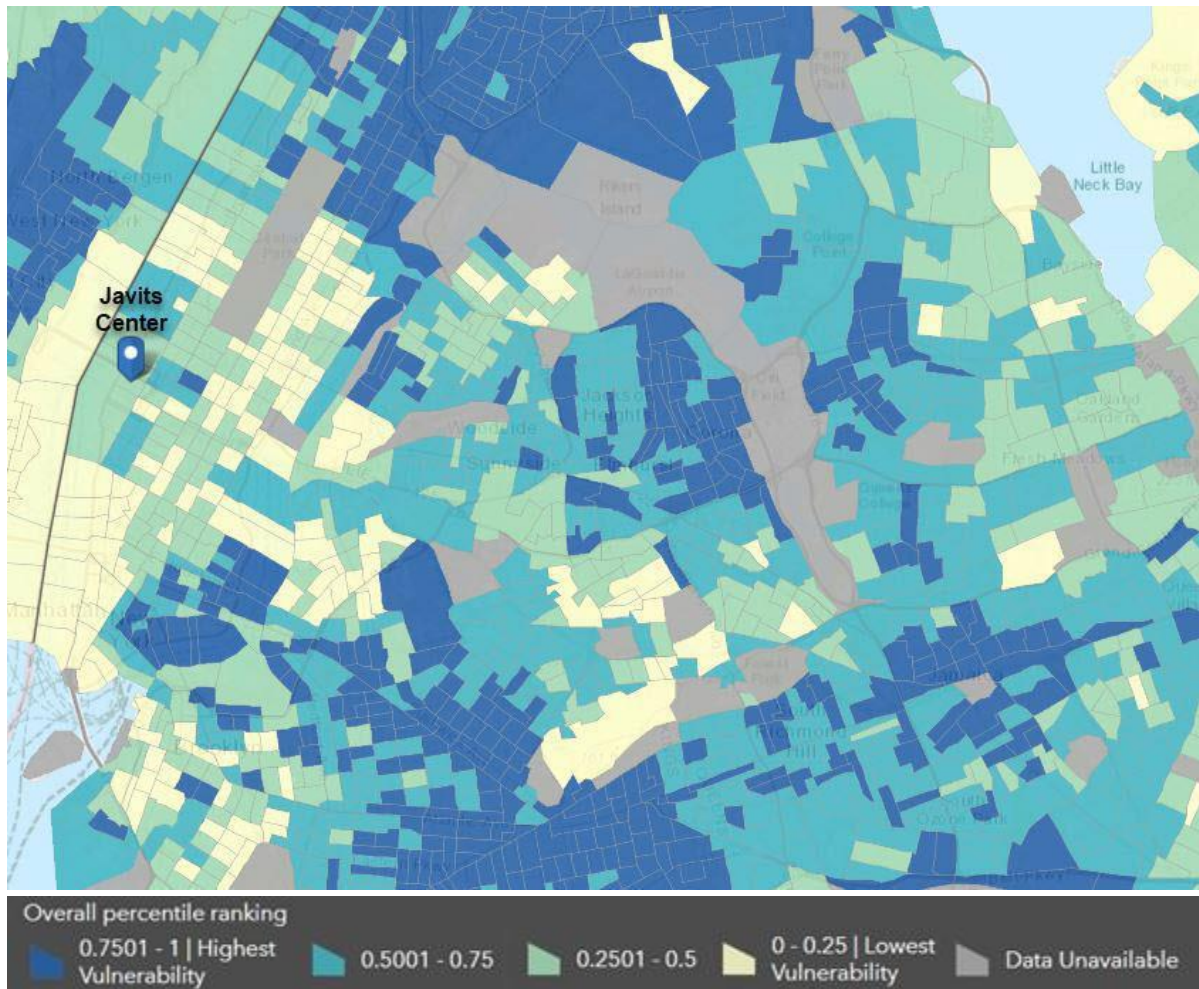
### Vaccine Site Selection Rationale

Location (address or coordinates)	429 11th Avenue, New York, NY 10018
Vaccine site type	Type 1
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	15,000
Actual site throughput (doses provided over the past 30 days)	3,280 per day (avg.)

- New York City is the largest city in the U.S., with over 8.4M residents. It is also one of the most diverse cities in New York, with only 43% of residents identifying as White compared to 70% White statewide. Despite pockets of high wealth and privilege, there remain large areas of poverty across the city, which has an overall poverty rate of 17.9%, higher than the statewide average of 13%.
- Javits Center was one of the first sites established because of:
  - The importance of reaching people in need of vaccination in NYC, given NYC’s high population density and position as a central hub of transit (Javits

is just a 15-min walk away from Penn Station, a critical transportation artery for the entire East Coast).

- Large size – Javits can vaccinate 10,000 people per day
- Familiarity with site – Javits was the site of a FEMA / New York temporary hospital site, so staff were already familiar with the site layout and could quickly stand up a vaccination site once the EUA was approved.



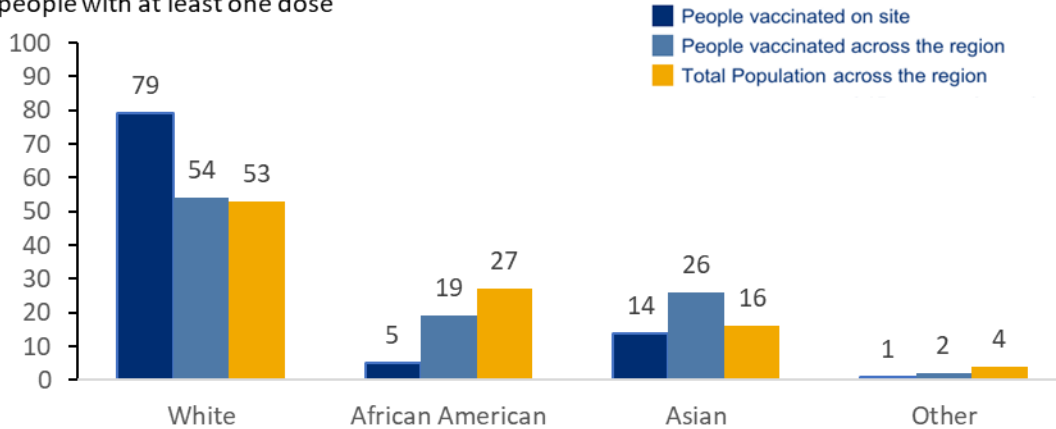
## Aqueduct Racetrack, Queens County

### Social Vulnerability Score

Weighted average score of **0.41** based on the CDC’s Social Vulnerability Index.

### Aqueduct Racetrack – Vaccinations by Race

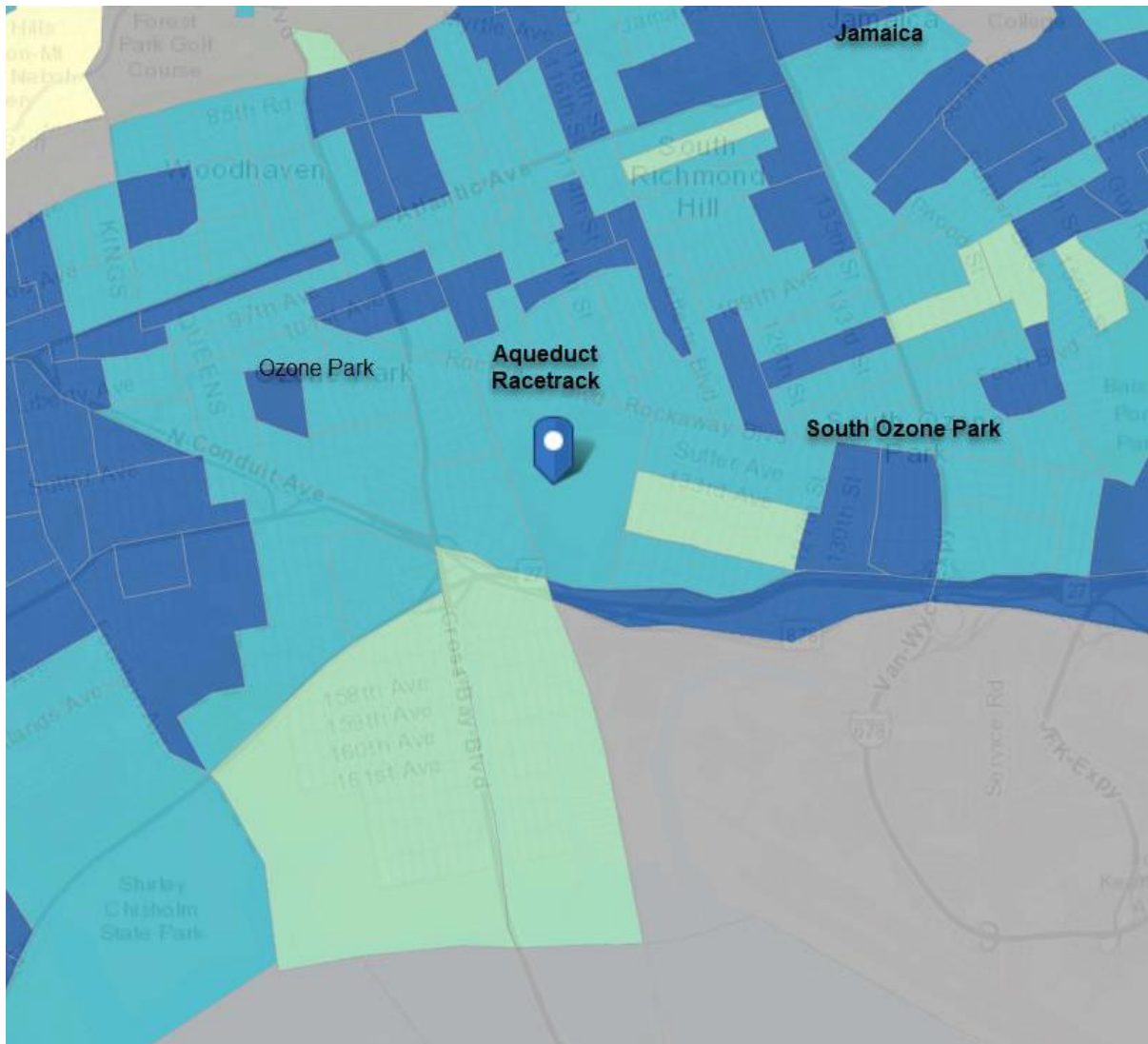
% of people with at least one dose



### Vaccine Site Selection Rationale

Location (address or coordinates)	Racing Hall, 110-00 Rockaway Blvd, South Ozone Park, NY 11420
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	4,000
Actual site throughput (doses provided over the past 30 days)	1,700 per day (avg.)

- New York City is the largest city in the U.S., with over 8.4M residents. It is also one of the most diverse cities in New York, with only 43% of residents identifying as White compared to 70% White statewide. Despite pockets of high wealth and privilege, there remain large areas of poverty across the city, which has an overall poverty rate of 17.9%, higher than the statewide average of 13%.
- In particular, Aqueduct Racetrack is in Queens, a populous, diverse county with high social vulnerability (SVI of 0.62). ~75% of Queens residents identify as a minority and 13% of people live in poverty. Queens was also one of the counties that was hardest hit by COVID, with the 2<sup>nd</sup> highest total number of deaths from COVID (5,343 deaths as of 4/1/2021). This highlights the importance of bringing vaccination site directly to this community.



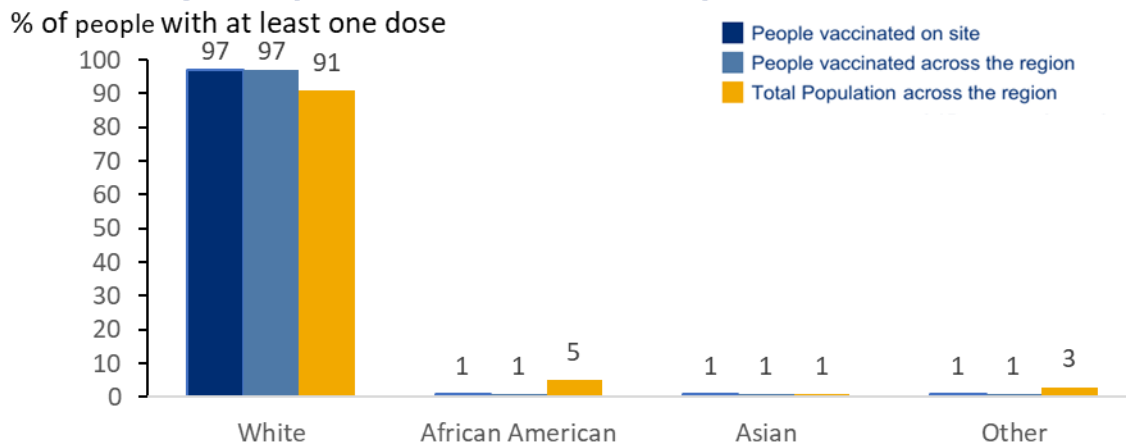


## Plattsburgh International Airport. Clinton County

### Social Vulnerability Score

Weighted average score of **0.42** based on the CDC's Social Vulnerability Index.

### Plattsburgh Airport– Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	Connecticut Building, 213 Connecticut Rd, Plattsburgh, NY 12903
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	265 per day (avg.)

- Clinton County is a high social vulnerability county (SVI of 0.53), where 15.3% of the population lives in poverty, above the state average of 13%.
- The Plattsburgh Airport site is located near a critical transportation artery, the I-87, which links upstate and downstate NY, facilitating access to vaccination for many New Yorkers.
- It is also near Franklin County, which has an SVI of 0.71 and above-average poverty levels (18.2% of residents live in poverty).

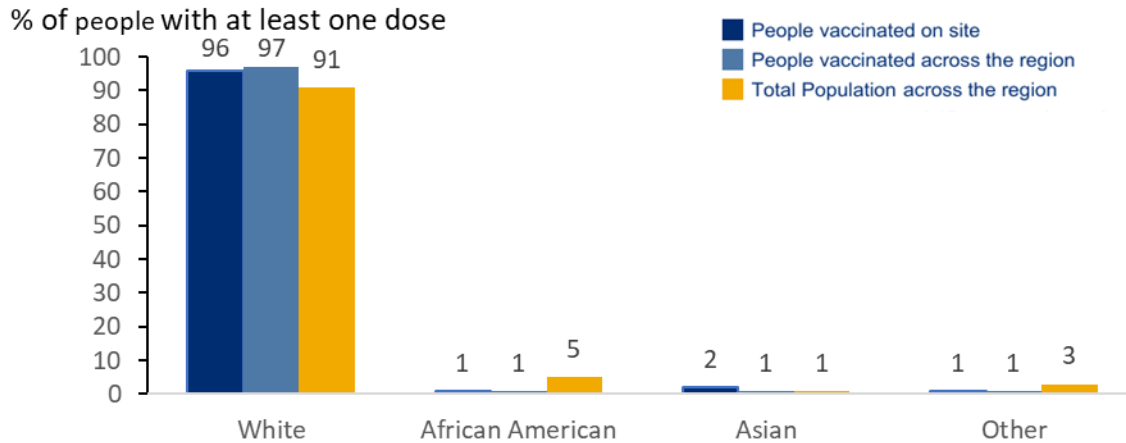


## SUNY Potsdam, St. Lawrence County

### Social Vulnerability Score

Weighted average score of **0.53** based on the CDC’s Social Vulnerability Index.

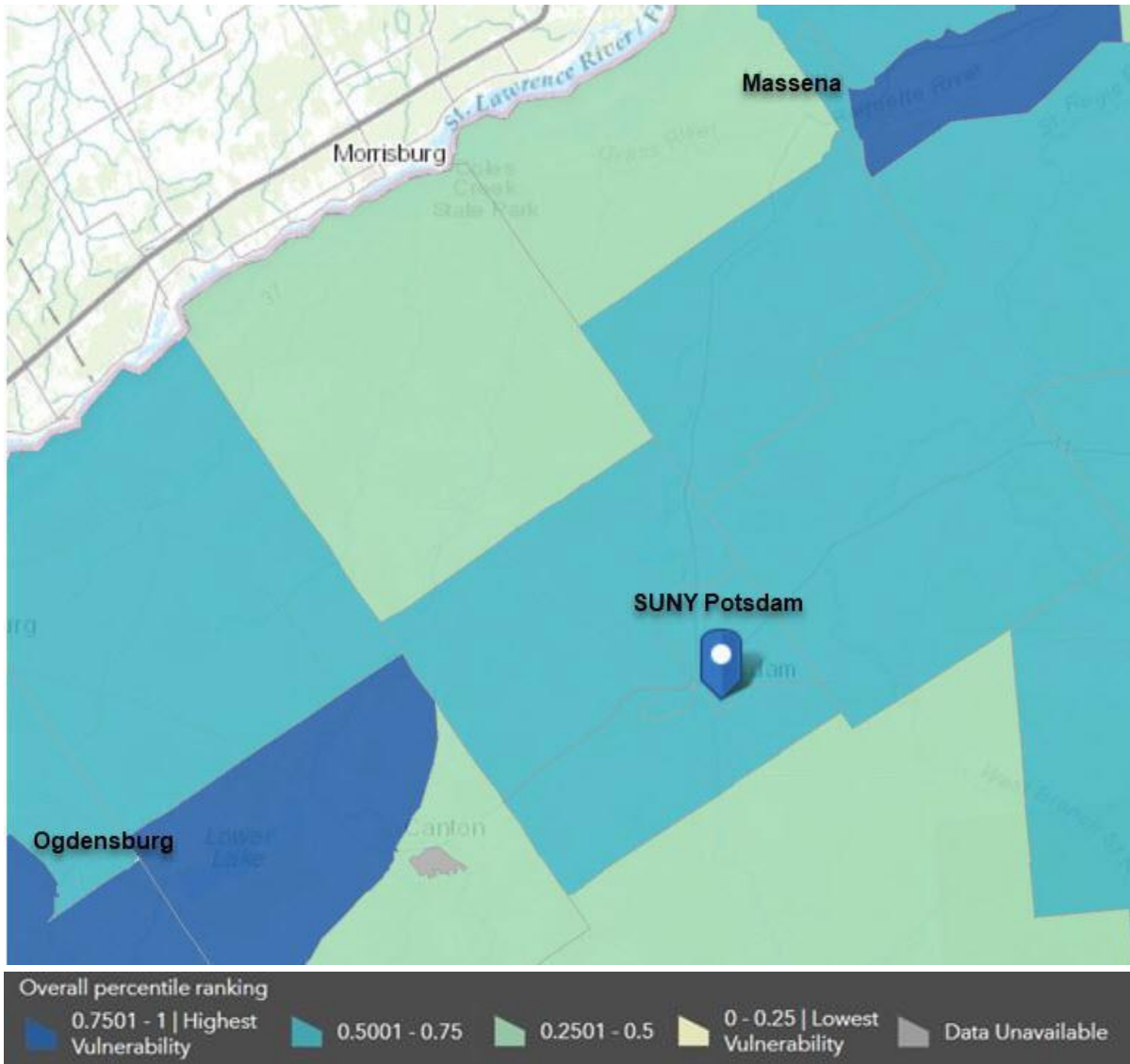
### SUNY Potsdam – Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	44 Pierrepont Ave, Potsdam, NY 13676
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	150 per day (avg.)

- St. Lawrence County, one of the largest counties in North Country with population of 109k, has high social vulnerability (SVI of 0.75) and poverty (17.7% of the population lives in poverty, above the state average of 13%).
- In particular, the SUNY Potsdam site is located near several areas of extremely high social vulnerability including:
  - Potsdam – 15k population, of which 19.3% lives in poverty
  - Massena – 12k population, of which 21.1% lives in poverty
  - Ogdensburg – 10k population, of which 22.7% lives in poverty

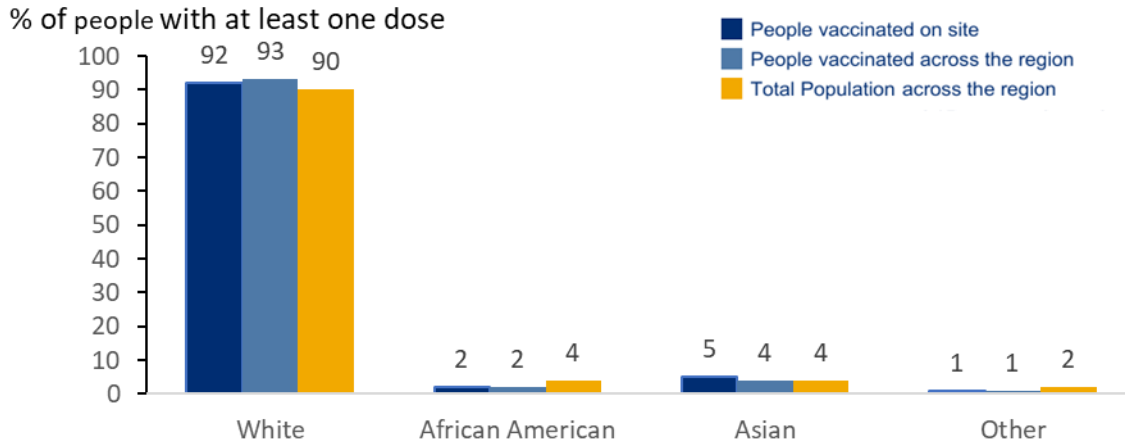


## SUNY Binghamton, Broome County

### Social Vulnerability Score

Weighted average score of **0.43** based on the CDC’s Social Vulnerability Index.

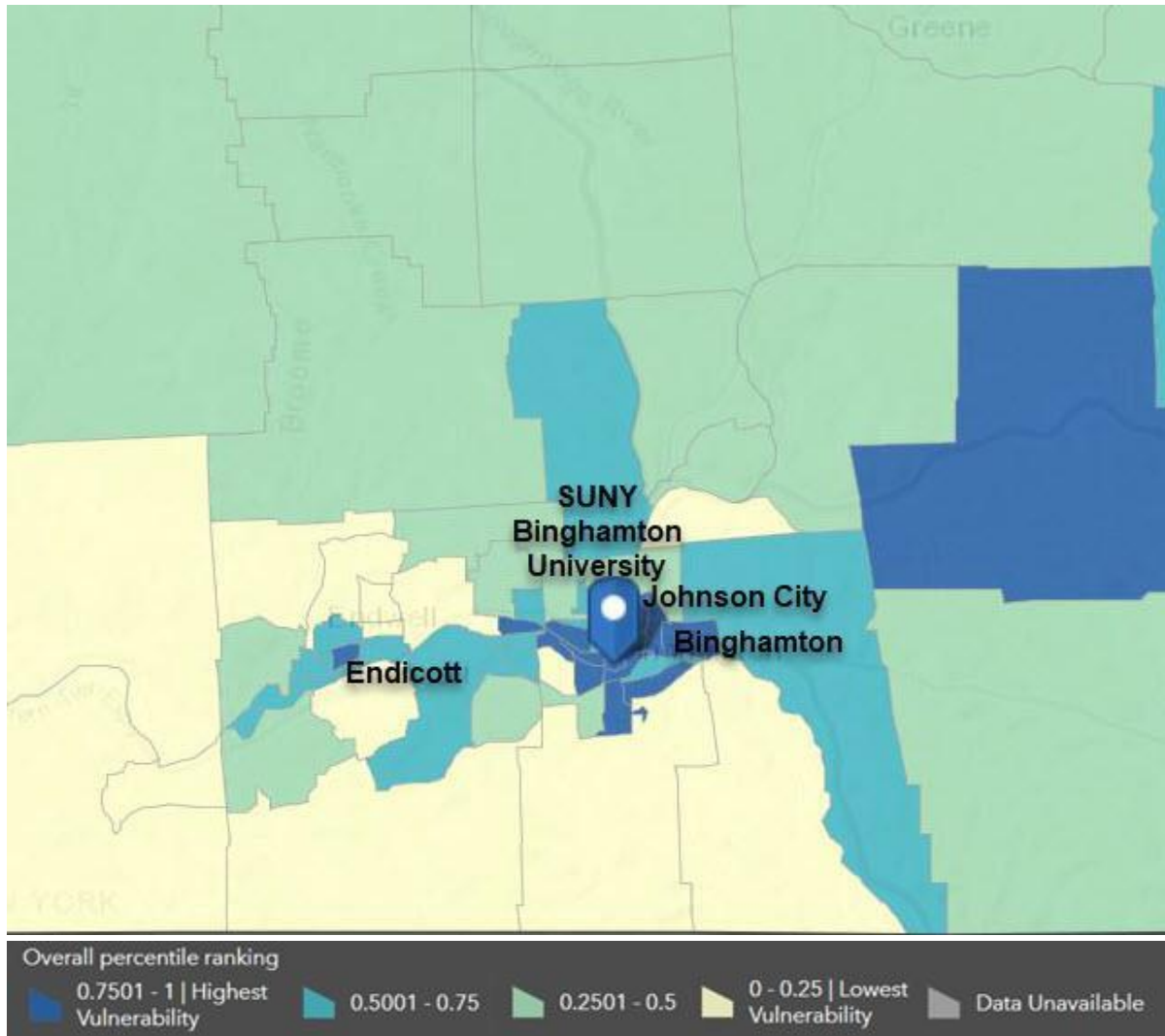
### SUNY Binghamton – Vaccinations by Race



### Vaccine Site Selection Rationale

Location (address or coordinates)	10 Gannett Drive, Johnson City, NY 13790
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,000
Actual site throughput (doses provided over the past 30 days)	570 per day (avg.)

- Broome County, the most populous county in the Southern Tier Region of NY with population of ~194,000, has high social vulnerability (SVI of 0.62) and poverty (17.0% of residents live in poverty, above the state average of 13%).
- SUNY Binghamton is well positioned to serve residents of the Greater Binghamton Area, a socially vulnerable, dense urban area that includes:
  - Binghamton – 44k population, of which 32.6% lives in poverty
  - Endicott – 13k population, of which 19.7% lives in poverty
  - Johnson City – 14k population, of which 20.3% lives in poverty

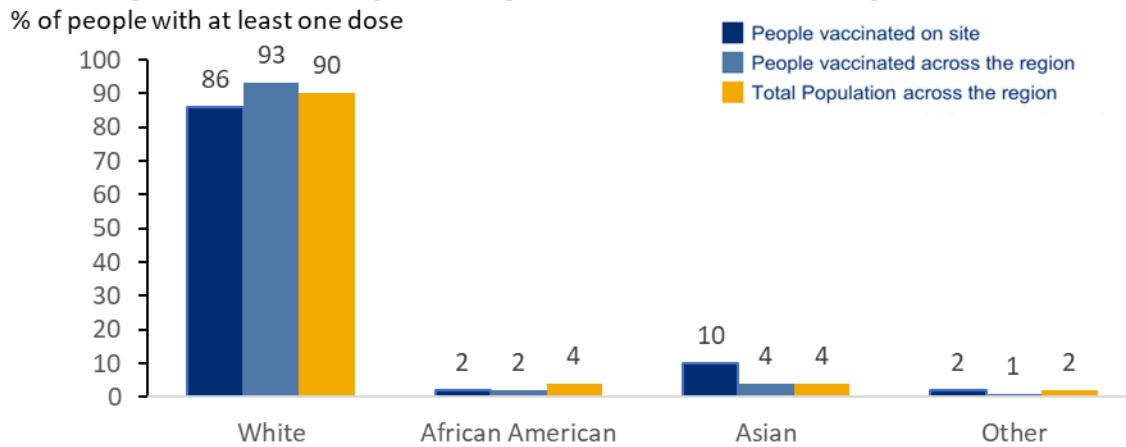


## Corning Community College, Steuben County

### Social Vulnerability Score

Weighted average score of **0.39** based on the CDC’s Social Vulnerability Index.

### Corning Community College– Vaccinations by Race

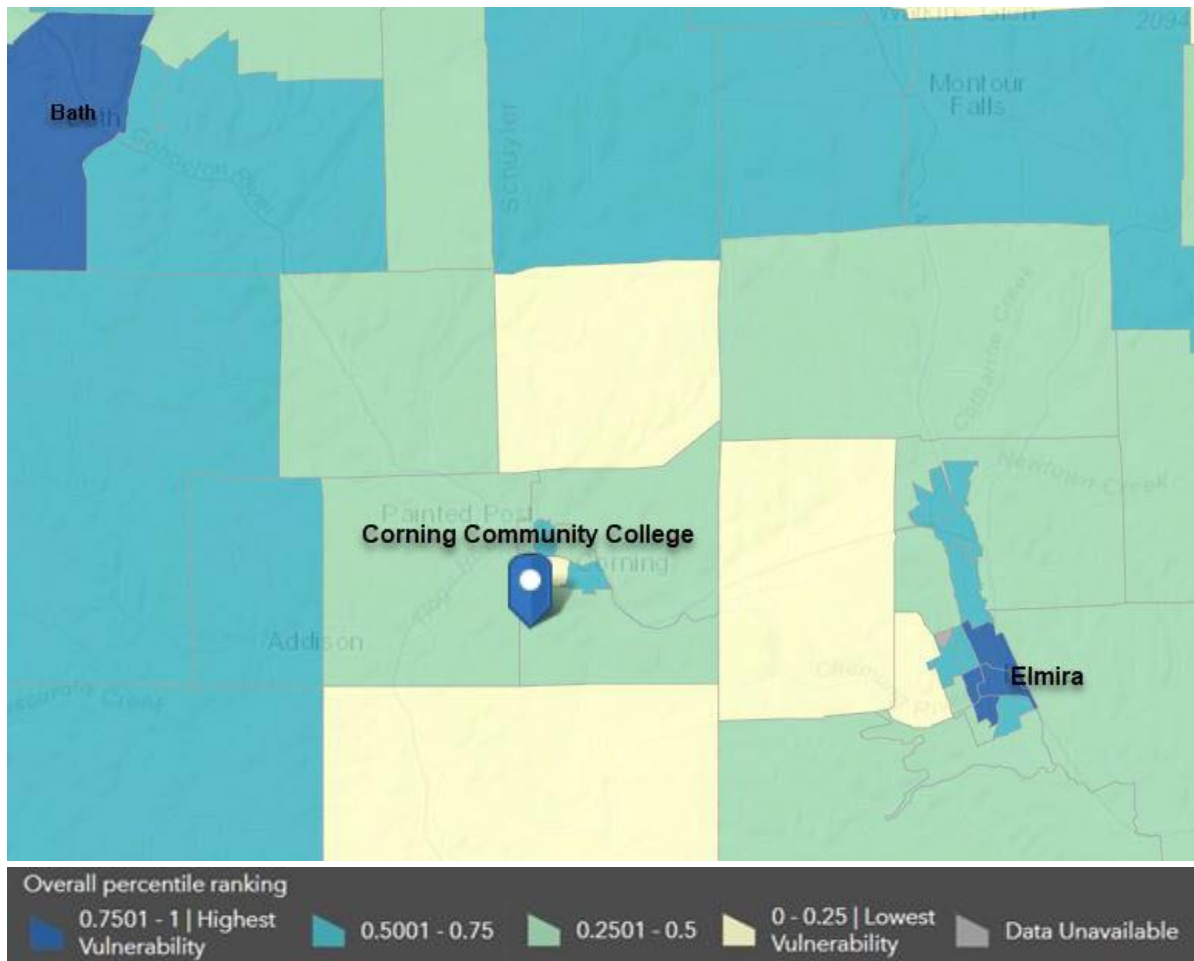


### Vaccine Site Selection Rationale

Location (address or coordinates)	Gymnasium and Wellness Education Center, 1 Academic Drive, Corning, NY 14830
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	1,000
Actual site throughput (doses provided over the past 30 days)	150 per day (avg.)

- In the predominantly rural Southern Tier, Corning is located at the juncture of 2 critical transportation routes: the I-86 that connects East and West NY, and the I-99 that connects NY with Pennsylvania to the south. Corning is also the headquarters of the Fortune 500 materials maker Corning. As a result, even though the population of Corning is relatively small at ~11,000 people, thousands more people may travel to Corning for work. This highlights the importance of establishing a vaccination site in Corning to provide:
  - Easy access to residents and essential workers across key regions in the state (and PA).

- Corning Community College is particularly well positioned to serve residents of highly socially vulnerable areas including:
  - Corning – 10k population, of which 16.5% live in poverty
  - Bath – 12k population, of which 17.1% lives in poverty
  - Elmira – 27k population, of which 26.2% lives in poverty



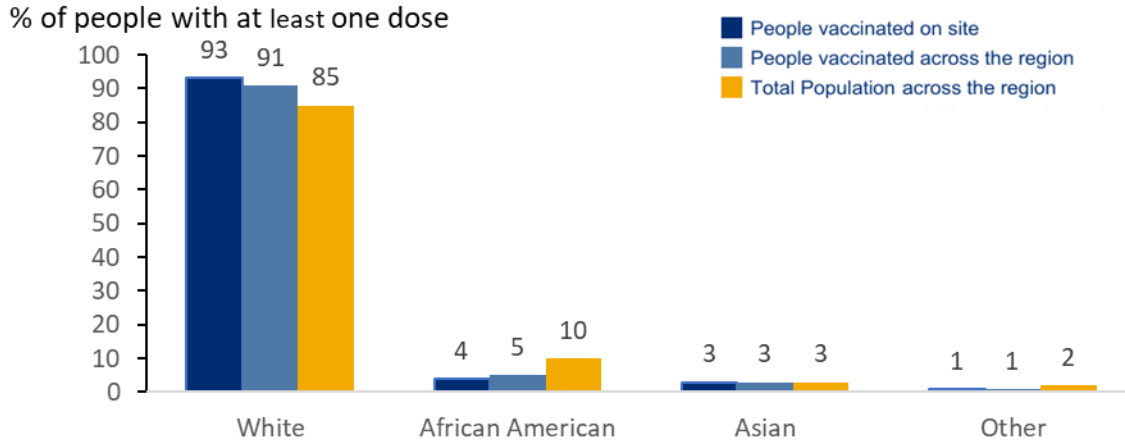


## University of Buffalo, Erie County

### Social Vulnerability Score

Weighted average score of **0.30** based on the CDC’s Social Vulnerability Index.

### University of Buffalo– Vaccinations by Race



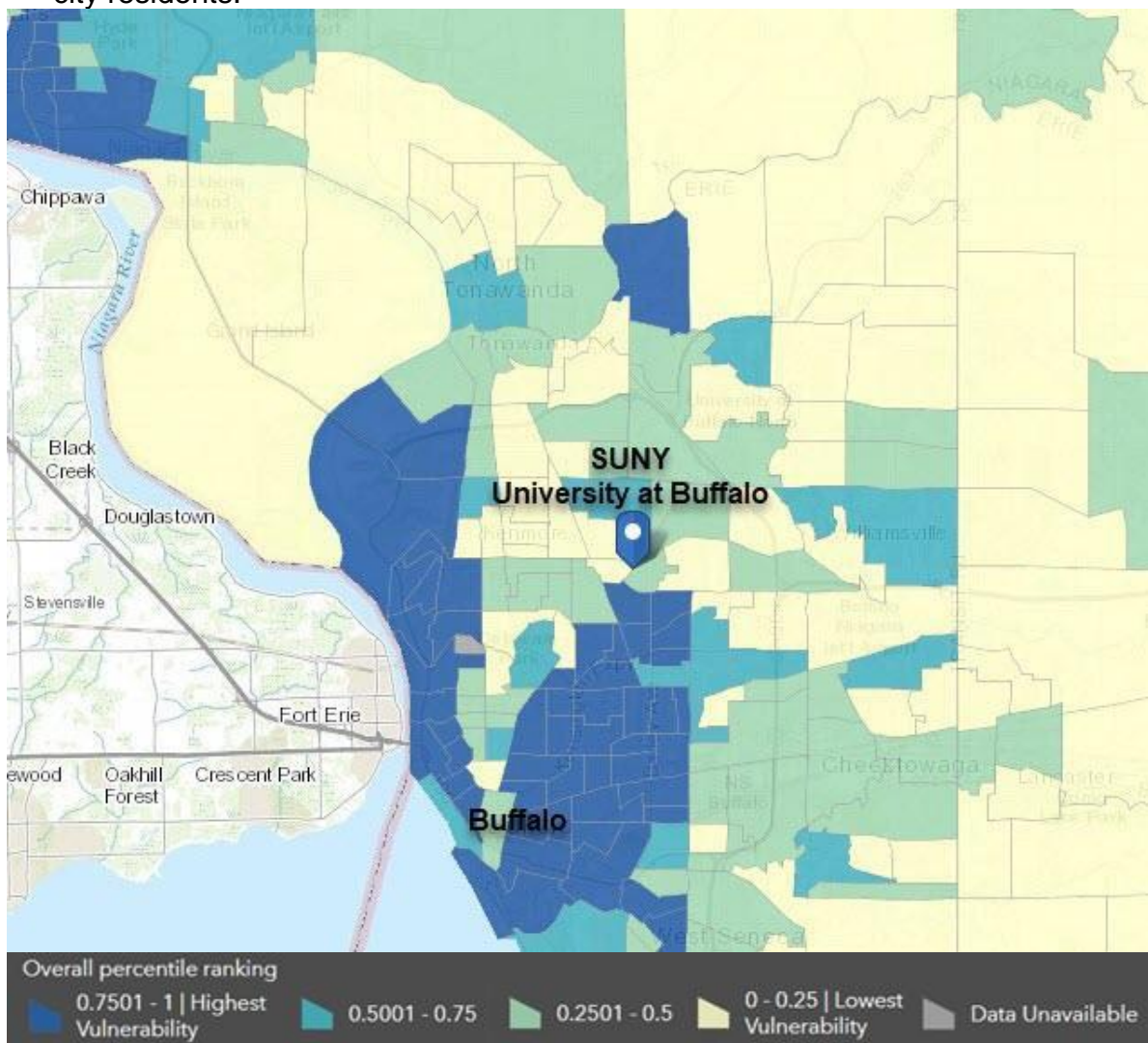
### Vaccine Site Selection Rationale

Location (address or coordinates)	Harriman Hall, 3435 Main St., Buffalo, NY 14214
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	1,000
Actual site throughput (doses provided over the past 30 days)	800 per day (avg.)

- Erie County is New York State’s 8<sup>th</sup> most populous county with more than 900,000 people and contains the state’ 2<sup>nd</sup> largest city – Buffalo. At more than 250,000 people, Buffalo is larger than 47 of New York’s 62 counties and makes up nearly 30% of Erie’s population.
- There are 79 census tracks in Erie County, 68%, (or 54) of which have a Social Vulnerability Index (SVI) Rating over 0.5, according to CDC SVI Data. Of the 32 census tracts in the county that have an SVI rating over **80% of all of them are inBuffalo** (see table below).
- The City of Buffalo also has some of the **highest poverty rates in the state**. Specifically, **25% of the city’s population is living under the poverty level compared to 13% statewide**, according to the US Census 2019 American

Community Survey. Of those living in poverty, nearly 4 out of every 10 (39%) have children in the household under 18.

- Buffalo's demographics are comparatively diverse too. Nearly 40% of Buffalo residents identify as Black or African American according to Census data, **much higher than the statewide average of 17%**. Only about half of the city's residents identify as white compared to 66% statewide.
- Due to Buffalo's high SVI rating, dense population, comparatively high poverty rates, and high percentage of individuals who identify as Black or African American, a mass vaccination site was established in Buffalo facilitate access to the vaccine for city residents.



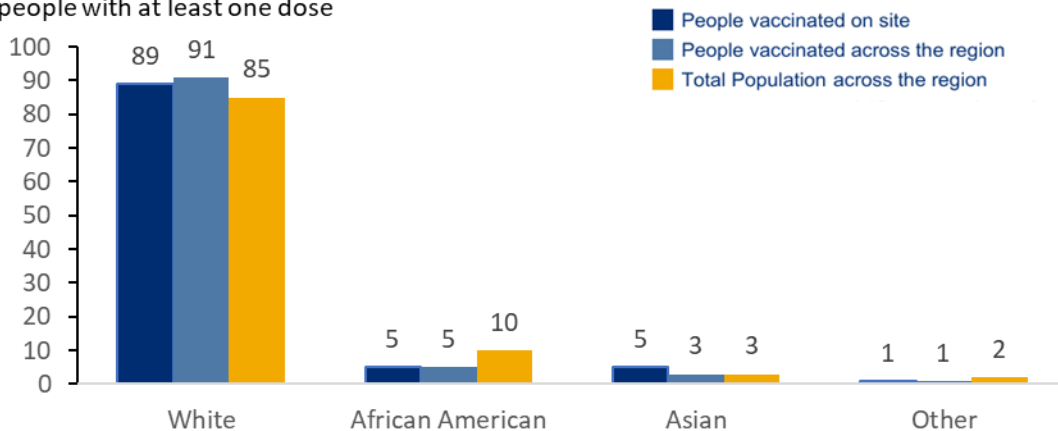
**Conference Center of Niagara Falls, Niagara County**

**Social Vulnerability Score**

Weighted average score of **0.32** based on the CDC’s Social Vulnerability Index.

**Conference Center of Niagara Falls– Vaccinations by Race**

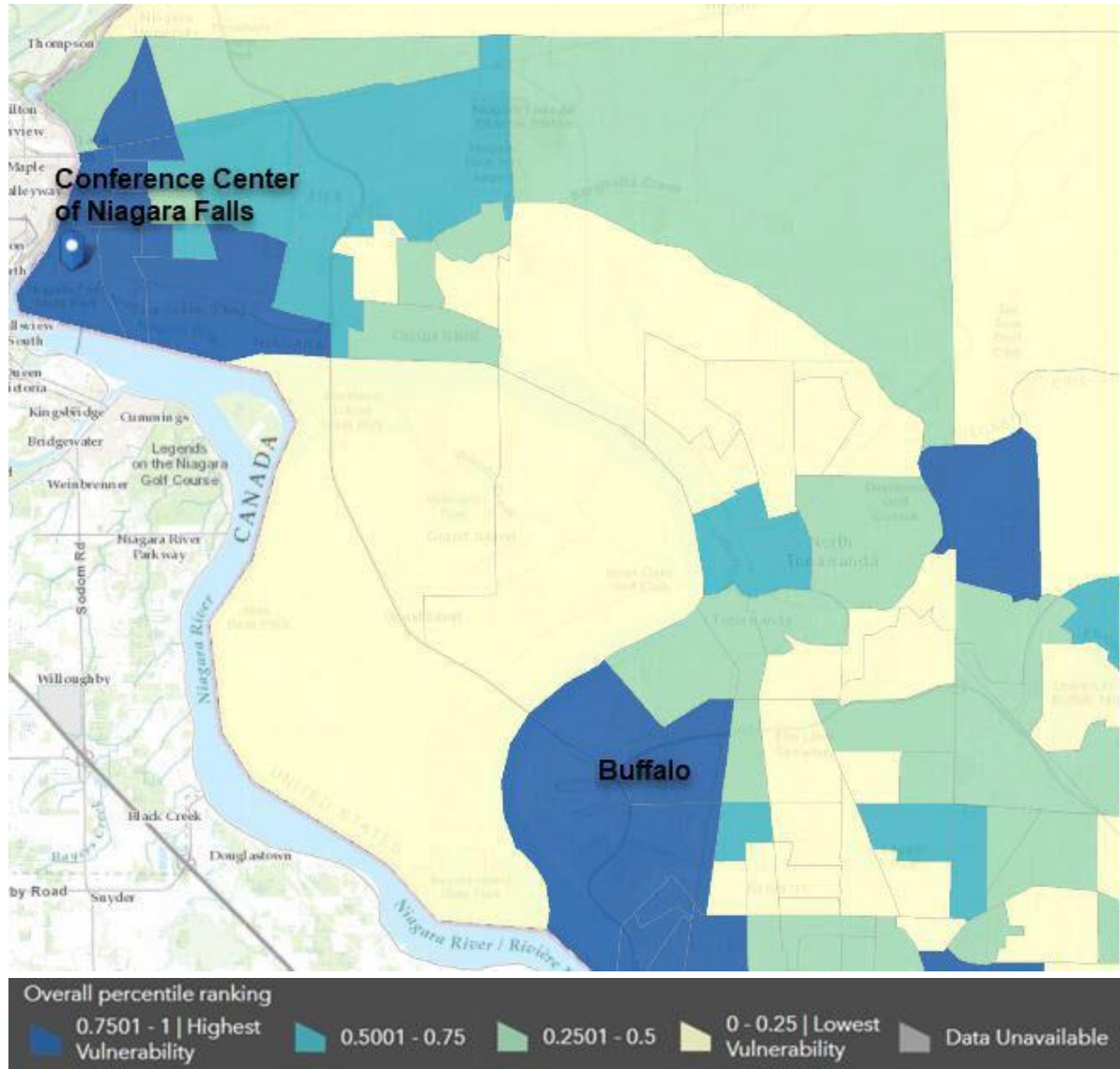
% of people with at least one dose



**Vaccine Site Selection Rationale**

Location (address or coordinates)	101 Old Falls St., Niagara Falls, NY 14303
Vaccine site type	Type 3
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	4,000
Actual site throughput (doses provided over the past 30 days)	450 per day (avg.)

- Niagara Falls, a city of ~48,000 people, has a SVI rating of over 0.5 and poverty rate of 28.2%, well above the statewide average of 13%.
- In addition, the Niagara Falls site is able to provide additional vaccination capacity to residents in Buffalo, which is less than 20 miles away and one of the most densely populated, high SVI, diverse, and high poverty cities in New York State.



## **Community Popup Vaccination Program**

To ensure equitable distribution of the COVID-19 vaccine, in January Governor Cuomo launched New York State's community popup vaccination program. Through this program, the State has worked with a range of providers to set up "popup" vaccinations in the most socially vulnerable areas of the state, where access to healthcare is limited. These popups are established at entrenched locations in the community, including houses of worship, community centers, libraries, and housing developments.

This program complements the State's mass vaccination program, which is designed to reach as many people across the State as possible through strategically located, high-throughput vaccination clinics, to 1. Provide increased access to the vaccine in communities that may otherwise have limited access due to socioeconomic factors, and 2. Expand outreach to encourage vaccinations in communities that have higher rates of skepticism towards the vaccine.

The State community Popup Vaccination Program is also designed to reach as many people across the State as possible located in rural areas by strategically planning additional popup vaccination locations. In order to reach rural communities, the State established rotating mass vaccination sites in areas strategically located to serve transportation-limited populations in rural areas.

On a weekly basis, the State allocates doses specifically earmarked for popup vaccination efforts. These doses are distributed to one location (Wadsworth Laboratory) and re-distributed by the State direct to the popup location or to the provider. Similarly, the State provides each popup location with a "Community Vaccination Kit" that includes all necessary PPE, supplies, and IT infrastructure to set up a basic vaccination distribution clinic. State representatives from across relevant state agencies work directly with communities to ensure outreach for the popup is conducted, and transportation is coordinated where needed.

As of 6/8, we have fully vaccinated over 99,000 people at 300 popup vaccination sites across New York State, including:

- 84 houses of worship
- 89 community centers and libraries
- 45 public housing developments
- 28 medical clinics and other facilities
- 16 MTA and NFTA stations
- 5 Bodegas

- 7 Airports
- 15 New York State Parks

Popup locations are chosen based on a range of factors surrounding vaccine equity and fairness, including but not limited to the Social Vulnerability Index (SVI). An analysis of popup vaccination clinics, by New York's 10 regional economic development areas, is below.

*New York City:*

Popup locations within New York City have been chosen based on SVI rankings and other socioeconomic indicators for specific boroughs, with the majority concentrated between the Bronx and Brooklyn, which both have SVI ratings above 0.8. and to date have the lowest vaccination rates in the State relative to their share of the statewide population.

143 popups in NYC so far (80,057 doses allocated), including:

- 36 in Bronx (22,949 doses allocated), which has a county-wide SVI of .9927
- 35 in Brooklyn (24,141 doses allocated), which has a county-wide SVI of .8153
- 36 in New York County (16,235 doses allocated), which has a county-wide SVI of .551
- 25 in Queens (12,912 doses allocated), which has a county-wide SVI of .6201
- 11 in Richmond (3,820 doses allocated), which has a county-wide SVI of .4764

*Hudson Valley:*

32 popups in Hudson Valley (11,106 doses allocated)

- 19 in Westchester (8,186 doses allocated), which has a county-wide SVI over .5 and pockets of disparity which is where popups were focused (e.g. Yonkers and Mt Vernon both have SVIs over .8)
- 7 in Rockland County (1,450 doses allocated), which has a county-wide SVI of .6038
- 3 in Orange County (600 doses allocated), which has a county-wide SVI of .5538
- 1 in Sullivan County (220 doses allocated), which has a county-wide SVI of .7939
- 1 in each of Dutchess (450 doses allocated) and Ulster (200 doses allocated), in

areas with limited access to health care and SVIs over .5.

*Finger Lakes:*

20 popups to date in Finger Lakes (4,067 doses allocated)

- 15 in Monroe County (3,107 doses allocated), most in the City of Rochester which has SVI over .8
- 2 in Ontario County (540 doses allocated), 1 in Livingston County (120 doses allocated), and 1 in Wayne County (300 doses) to serve populations with limited access to health care; 1 in Wyoming County

*Central NY:*

10 popups so far in Central NY (3,036 doses allocated)

- 9 in Onondaga County (2,816 doses allocated), all in Syracuse which has SVI over .8
- 1 in Madison County (220 doses allocated), in city of Oneida which has SVI over .6

*Long Island:*

41 popups so far on Long Island (15,044 doses allocated)

- 19 in Nassau County (8,945 doses allocated)
  - Across several areas with SVIs over .5, including Uniondale, Freeport, Hempstead, and Westbury.
- 22 in Suffolk County (6,099 doses allocated)
  - Across several areas with SVIs over .5 that have socioeconomic disparities, including Brentwood, Hampton Bays, and Patchogue.

*Western NY:*

25 popups so far in Western NY (7,720 doses allocated)

- 17 in Erie County (6,000 doses), 8 of which were in City of Buffalo which has SVI over .8
- 4 in Niagara County (920 doses allocated), all in City of Niagara Falls which has SVI over .8
- 3 in Chautauqua County (600 doses allocated) – County SVI of .7248
- 1 in Allegany County (200 doses allocated) – County SVI of .5818

*Capital District:*

12 popups so far in Capital District (1,950 doses allocated), including:

- 5 in Albany County (950 doses allocated), all in the City of Albany which has SVI over .8
- 2 in Schenectady County (400 doses allocated), both in City of Schenectady which has SVI over .8
- 2 in Rensselaer County (200 doses allocated), in Troy which has SVI over .8
- 1 in each of Columbia County (100 doses allocated), Greene County (100 doses allocated), and Saratoga County (200 doses allocated), to serve populations in rural areas, with limited access to health care.

*Mohawk Valley:*

6 popups so far in Mohawk Valley (1,066 doses allocated)

- 5 in Oneida County (966 doses allocated), split between Utica and Rome which both have SVIs over .8
- 1 in Montgomery County (100 doses allocated), which has a county-wide SVI of .8306.

*Southern Tier:*

10 popups so far in Southern Tier (1,886 doses allocated), including:

- 3 in Chemung County (420 doses allocated), all in Elmira which has SVI over .8
- 4 in Broome County (1,100 doses allocated), in Binghamton and Endicott which both have SVIs over .8
- 1 in Steuben County (166 doses allocated) and 2 in Tompkins County (200 doses allocated) to serve populations with limited access to health care.

*North Country:*

1 popup so far in North Country, including:

- 1 in Jefferson County

*MTA and NFTA Stations*

8 MTA popups so far (1,100 doses allocated), including:



- 1 in Bronx, which has a county-wide SVI of .9927
- 2 in Brooklyn, which has a county-wide SVI of .8153
- 2 in New York County, which has a county-wide SVI of .551
- 1 in Nassau County, across several areas with SVIs over .5, including Uniondale, Freeport, Hempstead, and Westbury
- 1 in Queens, which has a county-wide SVI of .6201
- 1 in Westchester, which has a county-wide SVI over .5 and pockets of disparity which is where popups were focused (e.g. Yonkers and Mt Vernon both have SVIs over .8)

5 NFTA popups so far (200 doses allocated), including:

- 4 in Erie County, which has SVI over .8
- 1 in Niagara County, which has SVI over .8

#### *Airports*

7 Airport popups so far, including:

- 2 in Queens County
- 1 in Westchester County
- 1 in Albany County
- 1 in Onondaga County
- 1 in Monroe County
- 1 in Buffalo County

#### *New York State Parks*

15 New York State popups so far, including:

- 4 in Suffolk County
- 1 in Nassau County
- 1 in Erie County

- 1 in New York County
- 1 in Westchester County
- 1 in Rensselaer County
- 1 in Onondaga County
- 1 in Rockland County
- 1 in Wyoming County
- 1 in Bronx County
- 1 in Tompkins County
- 1 in Jefferson County

## **Strategies to Ensure Equitable Access at All Sites**

### **Outreach and Engagement Approach**

Outreach and engagement for all sites is a continuous process, especially for our community popup efforts, which depend on outreach to be successful. Community leaders are regularly engaged to spread the word about vaccine efforts, and to help reduce hesitancy by building vaccine confidence. Popup efforts take place primarily at key community locations, such as churches, community centers, and libraries, and outreach is conducted by both the State and the community to encourage residents to get vaccinated. Participation rates across our popup efforts have been high, with all allocated doses used.

In addition to the statewide Vaccinate New York campaign that is being run on TV/ digital / radio / social media and OTT, digital ads specifically targeted to the FEMA identified zip codes are running to build awareness of eligibility and to provide a clear call to action with a clickable link to scheduling.

Outreach and engagement at mass vaccination sites is also critical. Vaccination sites are typically developed in coordination with the local county health departments and other local, community leaders, to ensure access for all residents in the area. Appointments across our mass vaccination sites are consistently filled, and several sites vaccinated thousands of people each day.

The State has also developed partnerships with numerous providers to tailor outreach and engagement to a variety of communities across the state. See Appendix for a complete list of private partners.

New York State Department of Health (DOH) conducts direct follow up with providers, hospitals and other medical practitioners to reiterate the call to action to get more people vaccinated. Additionally, guidance has been provided to allow for additional providers to register to receive doses in efforts to vaccinate NYS residents as they went to the doctor's office for their annual physical.

### **Targeted Outreach for Equity, Access, and Promotion**

The NYS Vaccine Equity Task Force also lead a Fireside chat series with trusted messengers - clinicians, public health experts, faith leaders and community leaders. A fireside toolkit was also developed in the top 6 languages and can be found at [www.ny.gov/vetf](http://www.ny.gov/vetf), along with the 10 archived fireside chats.

The State engages with 300+ community-based sites—including at all 33 New York City Housing Authority (NYCHA) sites, which house over 7,600 seniors—at public housing complexes, community, religious, and cultural centers statewide which have volunteered to house these sites through the NYS Vaccine Equity Task Force. These sites have enabled nearly 70,000+ New Yorkers to receive their first COVID-19 vaccine dose.

On May 4th, NYSDOH and SOFA issued guidance directing to each county and local health department to develop an in-home vaccination plan that employs mechanisms to identify those that need an in-home vaccine, clearly identifies a single point of contact at the local level to assist homebound individuals in getting vaccinated, and employs aggressive multi-systems outreach and education to direct those in need to the point of contact. Each county has identified their single point of contact and is in the process of being made publicly available.

The State also recognizes the importance of developing tailored outreach and engagement to target population segments, and thus has established several targeted vaccination programs in partnership with local entities to reach populations with limited access to vaccine information and vaccinations. For example, through the O-Agency Link-Outreach-Vaccinate (O-LOV) COVID-19 Vaccination Program, the State supports weekly provider-hosted education seminars for individuals experiencing homeless.

In April, the State coordinated with local health departments and local providers established a campaign to bring pop-up vaccination sites to farm and food production facilities to provide access directly to farm production workers and farm workers in rural areas, including migrant workers. The effort recognizes that the needs of food production and farm workers across the state by bringing vaccination events directly to their places of employment.

In April, New York State's, "Roll Up Your Sleeve" Campaign began engaging with

houses of worship of all faiths across the state to sign up as vaccination sites for their communities, significantly increasing the number of doses local communities can administer. As part of this campaign, medical providers volunteer to partner with houses of worship to conduct vaccination clinics, furthering the state's commitment to ensure fairness and equity in the vaccine distribution process. This campaign builds on the state's efforts to bring the vaccine to underserved communities and combat vaccine hesitancy through houses of worship. Since March 8, over 200 new houses of worship have signed up to serve their communities. Interested medical providers and houses of worship can sign up at The Roll Up Your Sleeve website (<https://covid19vaccine.health.ny.gov/roll-your-sleeve>).

In May, the State established vaccination events at key MTA and NFTA transit stations in New York City, Long Island, and Western New York to accommodate New Yorkers' schedules and reach individuals on their daily commute, vaccinating over 12,500 people in total. Each site was established to support high volume geographic locations to reach as many individuals as possible, especially those in proximity to target SVI regions. In order to ensure access for all individuals interested in receiving a vaccine, all sites were open for walk-in vaccinations and offer the J&J vaccine. The State also provides transportation-related incentives to any individual who receives a vaccine at these sites to encourage participation in the program.

In May, the state established pop-up vaccination events at seven airports around the state, including John F. Kennedy International Airport and LaGuardia Airport. By expanding vaccine access to people passing through major transportation hubs and those who are traveling, New York State is furthering efforts to prevent the continued spread of the virus.

In May, the State developed dashboard with real time zip code level data for local health departments to use as a tool to target vaccine, outreach and education efforts in under vaccinated communities. All local health departments, including NYC, have access to the dashboard.

In June, the State coordinated with the New York State Gaming Commission to announce a "Vax and Scratch" incentive program. The program provides free NYS lottery scratch-off tickets to individuals 18 and older who take their first dose or single dose vaccine at one of 10 selected state ran sites. After seeing significant interest in the weekly incentive program, the state has extended the program for an additional week at 10 newly selected state ran sites.

In June, the State announced an incentive program for residents between the ages of 12 and 17. Those who receive their first dose of vaccine will be entered into a raffle to win a full-ride scholarship to a New York public university.

In June, New York State established pop-ups at 15 New York State Parks, and initiated a vaccine incentive program that provided free State Park passes to New Yorkers vaccinated in a select window of time.

## Registration Process

For mass vaccination sites, registration can occur online, via telephone, or in -person at the mass vaccination site. The online registration process is simple and can be done on either a computer/laptop or mobile phone. For individuals who can't easily access the internet, they can call our call center to make an appointment, which is operational from 7am to 11pm every day. And for individuals who do not have access to either of those options, they can go straight to the site and dedicated staff members at the mass vaccination site will register the individual as a walk-in appointment.

For individuals with limited English proficiency, Call Center prompts are available in the six languages required by the statewide language access policy (NYS Executive Order 26). Call Center operators are also supported real-time by Language Line third-party language translators to support other languages as needed. For individuals with speech or hearing disabilities, the state's TTY hotline (7-1-1 or 1-800-421-1220) is available to support appointment scheduling.

For community popups, providers use their own scheduling system to schedule appointments, and often allow walk-ins. Appointments are typically scheduled in conjunction with community leaders, and are only for people from specific communities, which, as shown above, are primarily chosen based on socioeconomic indicators like SVI.

## Physical Site Design and Accessibility

All mass vaccinations sites are ADA accessible and have wheelchairs available onsite. Sites in New York City and other urban areas are situated near public transportation options, and in some cases, transportation has been provided to sites to increase access for specific communities. All sites have parking options as well. Some sites, like Yankee stadium, are restricted to residents of specific geographic areas to increase access to counties and zip codes with lower vaccination rates (e.g. the Bronx, the NYC boroughs).

All sites have direct access to New York's Language Access Line, which provides telephonic translation services for individuals who do not speak English in more than 240 languages (<https://www.languageline.com/client-services/list-of-languages>). All sites also have devices equipped with a Language Services Video Application to support video translation services for individuals who do not speak English and interpretation services for individuals who require American Sign Language (ASL) support. The NYS Department of Health Vaccine Website (<https://covid19vaccine.health.ny.gov/>), "Am I Eligible?" site (<https://am-i-eligible.covid19vaccine.health.ny.gov/>), and vaccine form (<https://forms.ny.gov/s3/vaccine>) are all available in the following languages:

- Spanish
- Chinese

- Russian
- Haitian Creole
- Bengali
- Korean

The State's vaccine scheduling system is also able to be translated into the languages listed above.

For individuals who possess smartphones, the NYS vaccine form is available on-site to download via QR code in the languages above to accommodate individuals with limited English proficiency.

Community popups are also ADA accessible and have translation services available as needed.

New York State has followed non-discrimination laws and policies in the planning and execution of its vaccination program.

### **Evaluation and Continuous Improvement Plan**

Each week New York State continuously evaluates mass vaccination efforts and community popup initiatives to ensure equitable vaccine distribution. For mass vaccination sites, we try to allocate more vaccines each week to areas that have the lowest relative vaccination rates. Similarly, we try each week to allocate more vaccine to our popup's effort. The biggest challenge is balancing throughput with equity. We are continuously assessing and working to improve.

New York State is constantly analyzing and monitoring vaccination progress across the state to ensure equitable distribution of the vaccine. Leveraging a combination of national, public data sources from the CDC and the Census Bureau, combined with internal data on vaccination progress, a regular pull of zip code-level progress of vaccinations across the State focuses on equity across race, ethnicity, social vulnerability, disability and age. In partnership with our Counties and their local health departments, we communicate focus areas each week, to ensure that underserved zip codes and specific populations are brought up to parity. Data is shared with county health departments to aid their planning, and clear targets around expected progress are shared with counties serving the most vulnerable, to ensure goals are aligned and progress can be measured. These metrics are being tracked across sites including our mass vaccination sites, local health department pods and all other providers such as hospitals, pharmacies, medical practices.

To support equitable access to vaccination sites, New York State provides the option for individuals to indicate language access and accessibility needs through the State's vaccine scheduling system (CDMS). By collecting optional demographic information for

individuals with limited English proficiency and/or disabilities and providing practical applications for this data collection, the State can reduce barriers which may have otherwise prevent these demographic populations from receiving a vaccine. Currently, the State’s vaccine scheduling system includes the following questions and response options to identify individuals with limited English proficiency and/or disabilities:

Category	Current Question and Response Options in CDMS		Practical Application of Data Collection
Language Access	#1 Please choose your preferred language.	<input type="checkbox"/> English <input type="checkbox"/> Español (Spanish) <input type="checkbox"/> বাংলা (Bengali) <input type="checkbox"/> 中文 (Chinese) <input type="checkbox"/> Kreyòl Ayisyen (Haitian Creole) <input type="checkbox"/> 한국어 (Korean) <input type="checkbox"/> Русский (Russian) <input type="checkbox"/> Vitaliano (Italian) <input type="checkbox"/> Polski (Polish)	Allows individuals to access the vaccine scheduling system in preferred language.
	#2 I will need non-English Language assistance.	<input type="checkbox"/> Select Option	Allows vaccination site staff to identify appointments where individuals will require non-English language assistance in order to best provide services.
Accessibility/ Disability	#3 I am a person with a disability and require an accessible area.	<input type="checkbox"/> Select Option to prompt additional question	Allows vaccination site staff to identify and prepare for the specific accessibility needs an individual will require during their appointment.
	#4 What are your accessibility needs?	<input type="checkbox"/> Write in Option for individuals to indicate specific accessibility needs	Allows vaccination site staff to prepare accommodations for the individuals specific needs, as necessary.

New York State also collects demographic information related to comorbidities and/or disabilities through the State’s vaccine form (<https://forms.ny.gov/s3/vaccine>); This allows the State to identify the number of individuals intending to be vaccinated who self-identify as having a comorbidity or a disability (For a list of comorbidities, visit: <https://www.ny.gov/sites/ny.gov/files/atoms/files/ComordbititiesCOVID19.pdf>).

Category	Current Question and Response Options in Vaccine Form		Practical Application of Data Collection
Disability	#1 Do you have a comorbidity or underlying condition as defined by the New York Department of Health? *	<input type="checkbox"/> Yes <input type="checkbox"/> No	Allows New York State to track information related to the number of individuals that self-identify as having a comorbidity or disability

Additionally, New York State continues to make progress in enhancing the reporting of Sexual Orientation and Gender Identify (SO/GI) demographics. A comprehensive review of SO/GI demographic reporting across the State’s vaccine program was

conducted to evaluate current data collection practices. A Working Group was assembled to include members of NYS Department of Health, NYS Department of Homeland Security and Emergency Services, and Legal to identify the best approach to enhance data collection for SO/GI demographics.

In May, the following SO/GI related demographic questions were recommended by the Working Group and approved by the NYS Vaccine Program Steering Committee to be incorporated within the State’s mandatory state vaccine form.

Category	SO/GI Working Group Proposed Question and Response Options	
<b>Legal Sex</b>	<b>#1 What is your gender identity? *</b>	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender Male <input type="checkbox"/> Transgender Female <input type="checkbox"/> Non-Binary <input type="checkbox"/> + Gender Non-Conforming <input type="checkbox"/> Gender not listed (write-in) <input type="checkbox"/> Choose not to respond
<b>Sexual Orientation</b>	<b>#2 What is your sexual orientation?</b>	<input type="checkbox"/> Straight or heterosexual <input type="checkbox"/> Gay <input type="checkbox"/> Lesbian <input type="checkbox"/> Bisexual <input type="checkbox"/> Queer <input type="checkbox"/> Pansexual <input type="checkbox"/> Asexual <input type="checkbox"/> Not sure/ Questioning <input type="checkbox"/> Sexual Orientation not listed (write-in) <input type="checkbox"/> Choose not to respond

On June 10, the above questions and response options were successfully implemented into the state’s vaccine form (<https://forms.ny.gov/s3/vaccine>) as required fields. Moving forward, the working group will continue its analysis to identify any gaps in SO/GI demographic reporting and work to better identify, track, and measure equitable vaccination for SO/GI demographic populations. The group will continue coordination with FEMA Region 2 to determine questions and response options to be incorporated into New York State data collection as required.



## **Appendix**

### **New York State Response to FEMA Critique Items**

This SVI Report has been updated to include feedback provided via the Critique Items NY State Equity Strategy document shared with New York State by Lawrence Ciacci, Emergency Management at FEMA, on 5/25/2021. See below for the locations of the State's critique responses:

#### **1. Mobile Sites (Pop-Up)**

- a. References Mobile Sites (pop-up) and their use in Rural Areas. Did not see that mentioned in the report; though the Document does discuss the use of Pop (mobile) sites **(See Page 53)**