New York State
Equitable Vaccine Administration Information

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

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Contents

Data Sources and Notes

Social Vulnerability

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.

    o Mapping between census tracts and zip codes is provided by HUD and is up to date as of Q4 2020.

    o 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 vaccination data used in social vulnerability score calculation is as of 4/12/2021.

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.

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 3/31/2021 for all sites except for the Bronx County Eden Bay site, which is as of 4/12/2021.

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 **0.29** based on the CDC's Social Vulnerability Index.

SUNY Albany – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at SUNY Albany
- Overall Capital Region vaccinations
- Capital Region 15+ population benchmark

Race	Vaccinated at SUNY Albany	Overall Capital Region vaccinations	Capital Region 15+ population benchmark
White	94	92	86
African American	2	4	8
Asian	3	3	4
Other	1	1	2
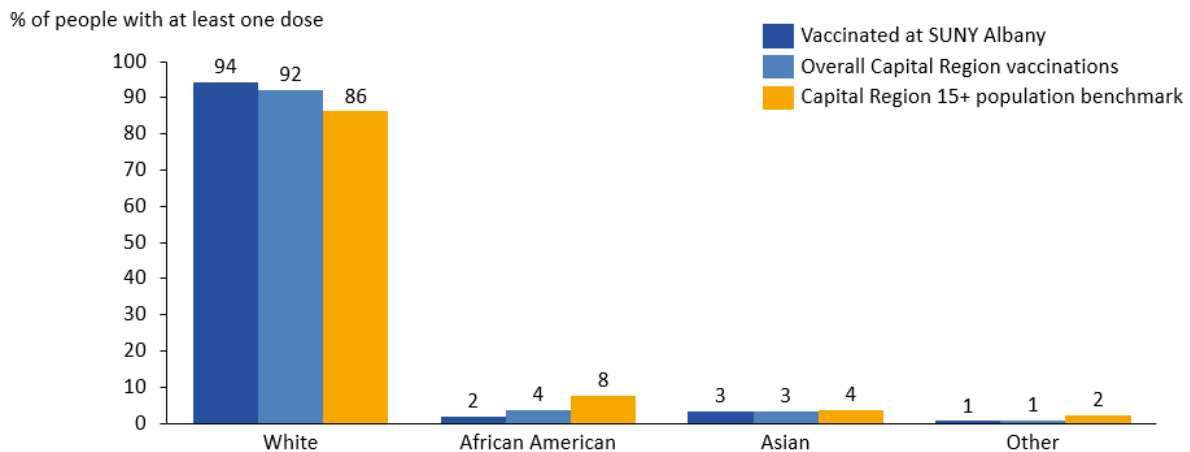
Vaccine Site Selection Rationale

Location (address or coordinates)	1400 Washington Ave, Albany, NY 12222
Vaccine site type	Type 2
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	2,600
Actual site throughput (doses provided over the past 30 days)	2,500 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.

Overall percentile ranking

0.7501 - 1 | Highest Vulnerability   0.5001 - 0.75   0.2501 - 0.5   0 - 0.25 | Lowest Vulnerability   Data Unavailable

Queensbury Site, Warren County

Social Vulnerability Score

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

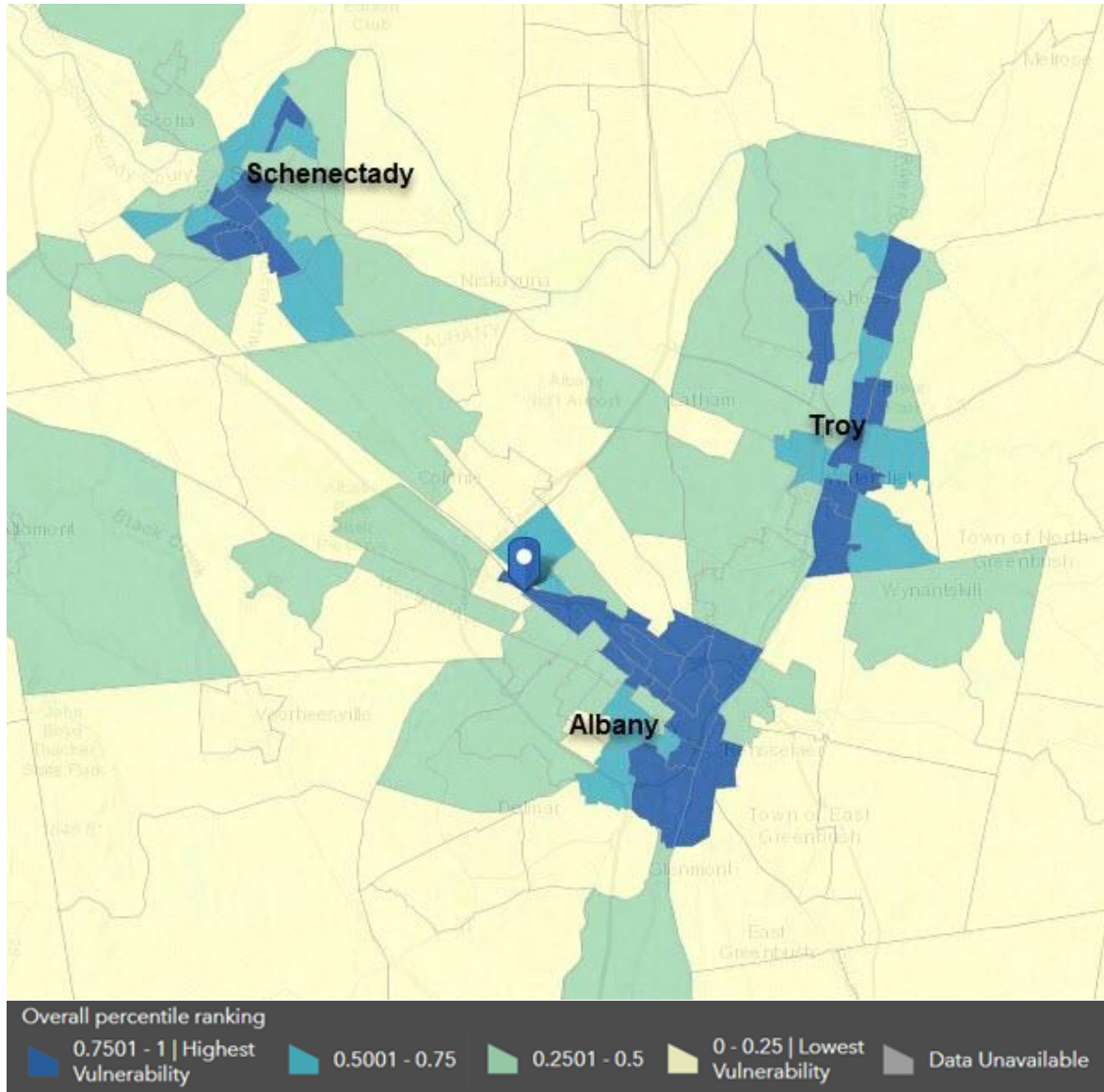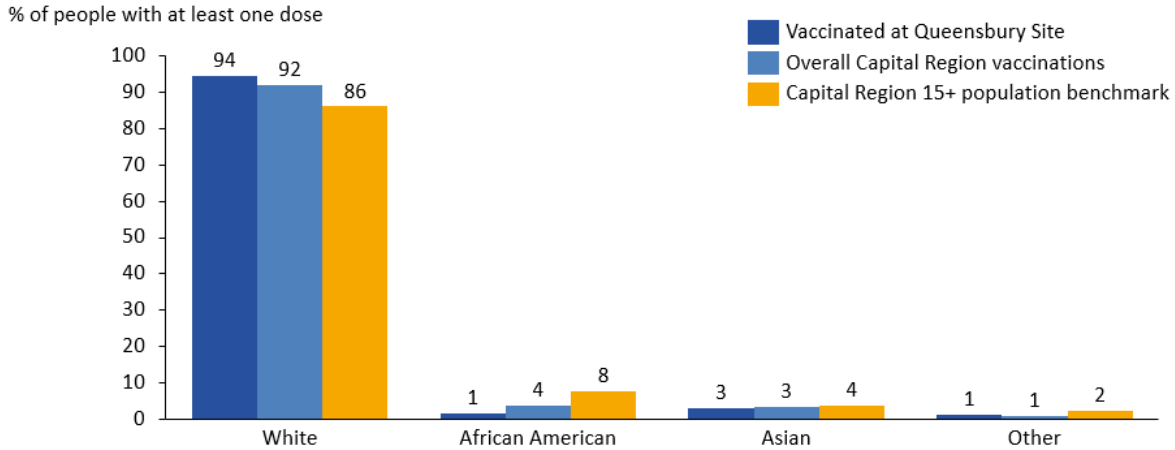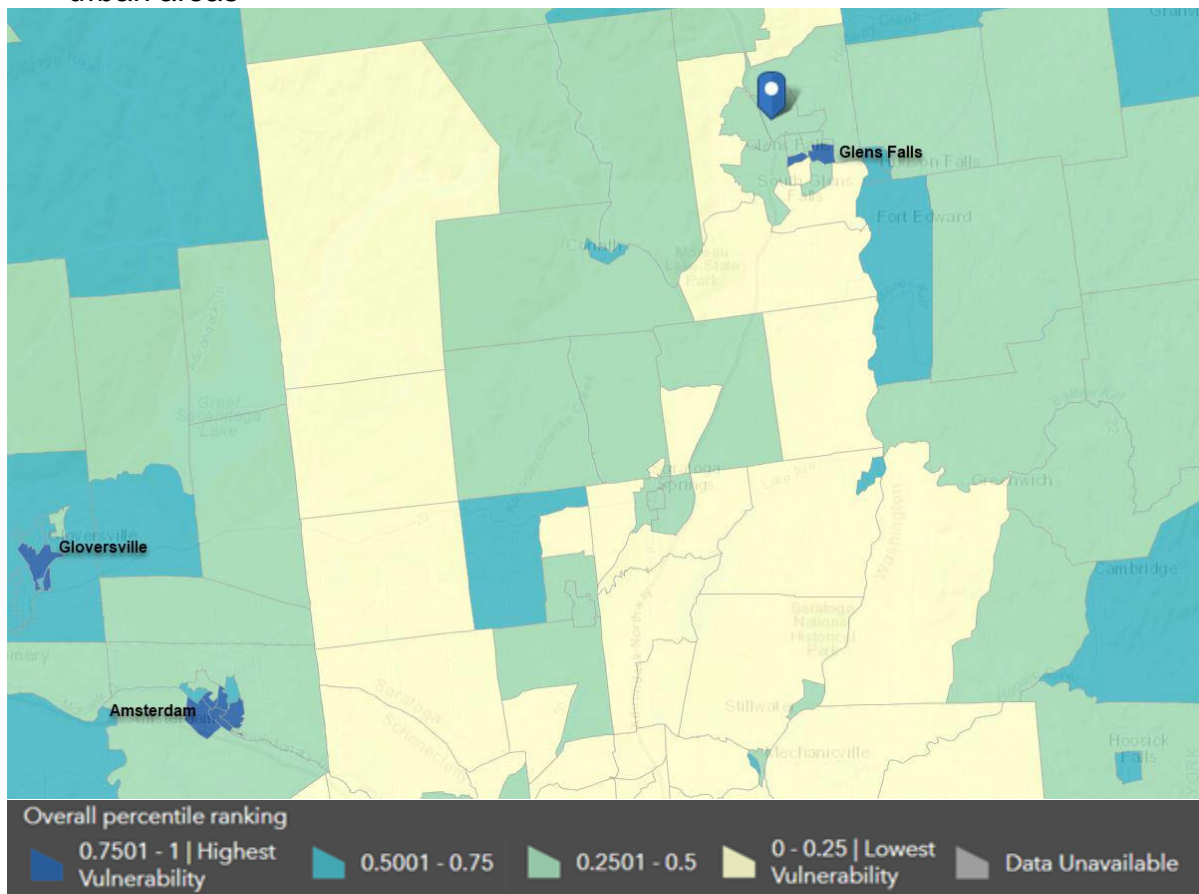## Queensbury – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Queensbury Site
- Overall Capital Region vaccinations
- Capital Region 15+ population benchmark

Race	Vaccinated at Queensbury Site	Overall Capital Region vaccinations	Capital Region 15+ population benchmark
White	94	92	86
African American	1	4	8
Asian	3	3	4
Other	1	1	2

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)	1,000 per day (avg.)

- Queensbury Site was added to boost vaccine availability in the Capital Region and areas north of Albany:

  o Prior to Queensbury site addition, the next site north of SUNY Albany was in Plattsburgh, 160+ miles away (2.5-hour drive from Albany).

  o 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:

  o 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
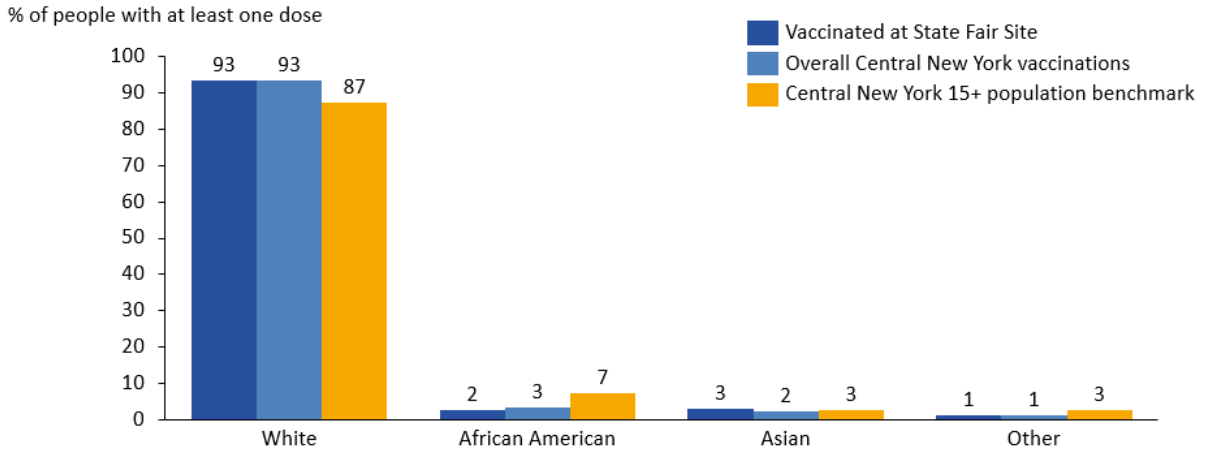
State Fair, Onondaga County

Social Vulnerability Score

Weighted average score of **0.34** based on the CDC's Social Vulnerability Index.
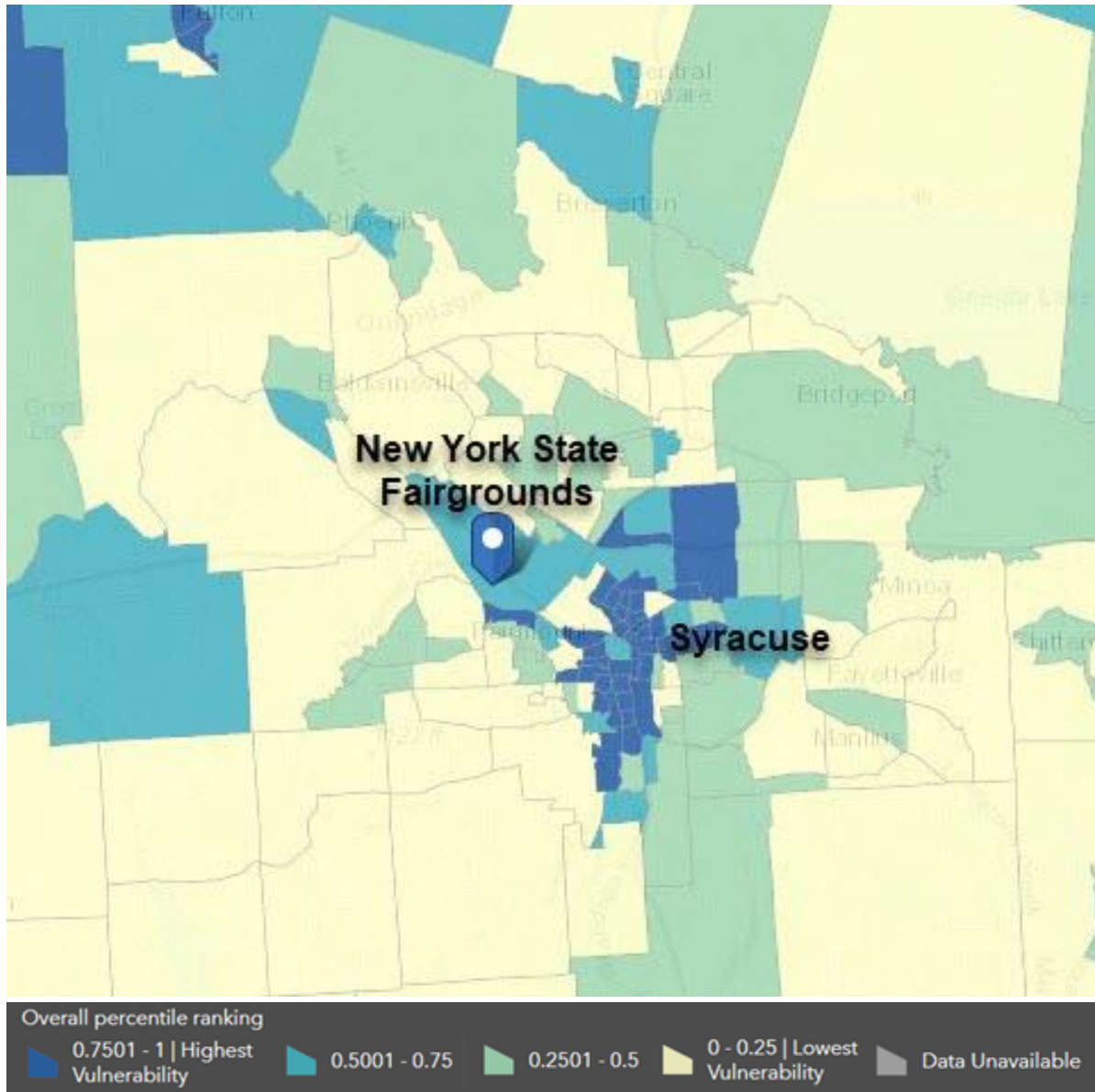
State Fair – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at State Fair Site
- Overall Central New York vaccinations
- Central New York 15+ population benchmark

Race	Vaccinated at State Fair Site	Overall Central New York vaccinations	Central New York 15+ population benchmark
White	93	93	87
African American	2	3	7
Asian	3	2	3
Other	1	1	3

Vaccine Site Selection Rationale

Location (address or coordinates)	NYS Fairgrounds, 581 State Fair Blvd Syracuse, NY 13209
Vaccine site type	Type 1
Site Status (active, planned, or closed)	Active
Site Capacity (vaccinations per day)	7,500
Actual site throughput (doses provided over the past 30 days)	7,000 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.
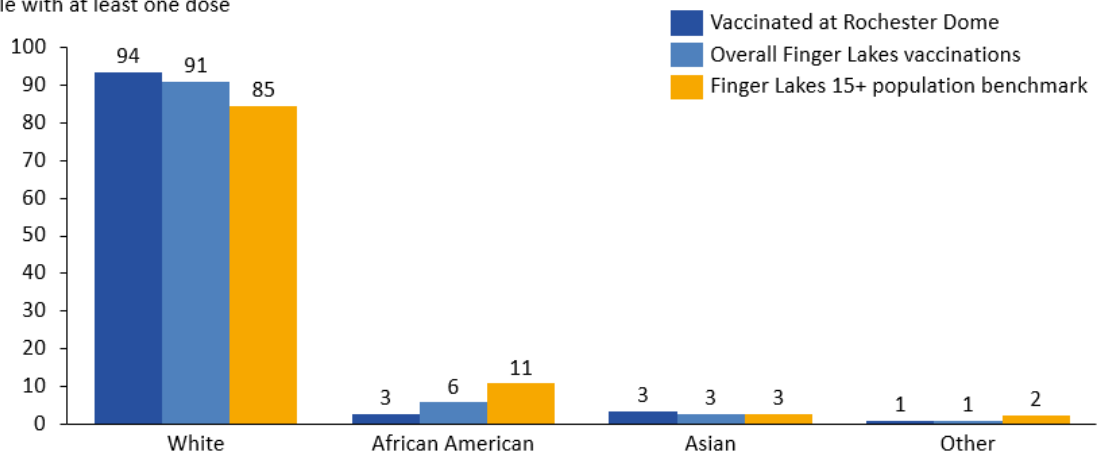
Rochester Dome Arena, Monroe County

Social Vulnerability Score

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

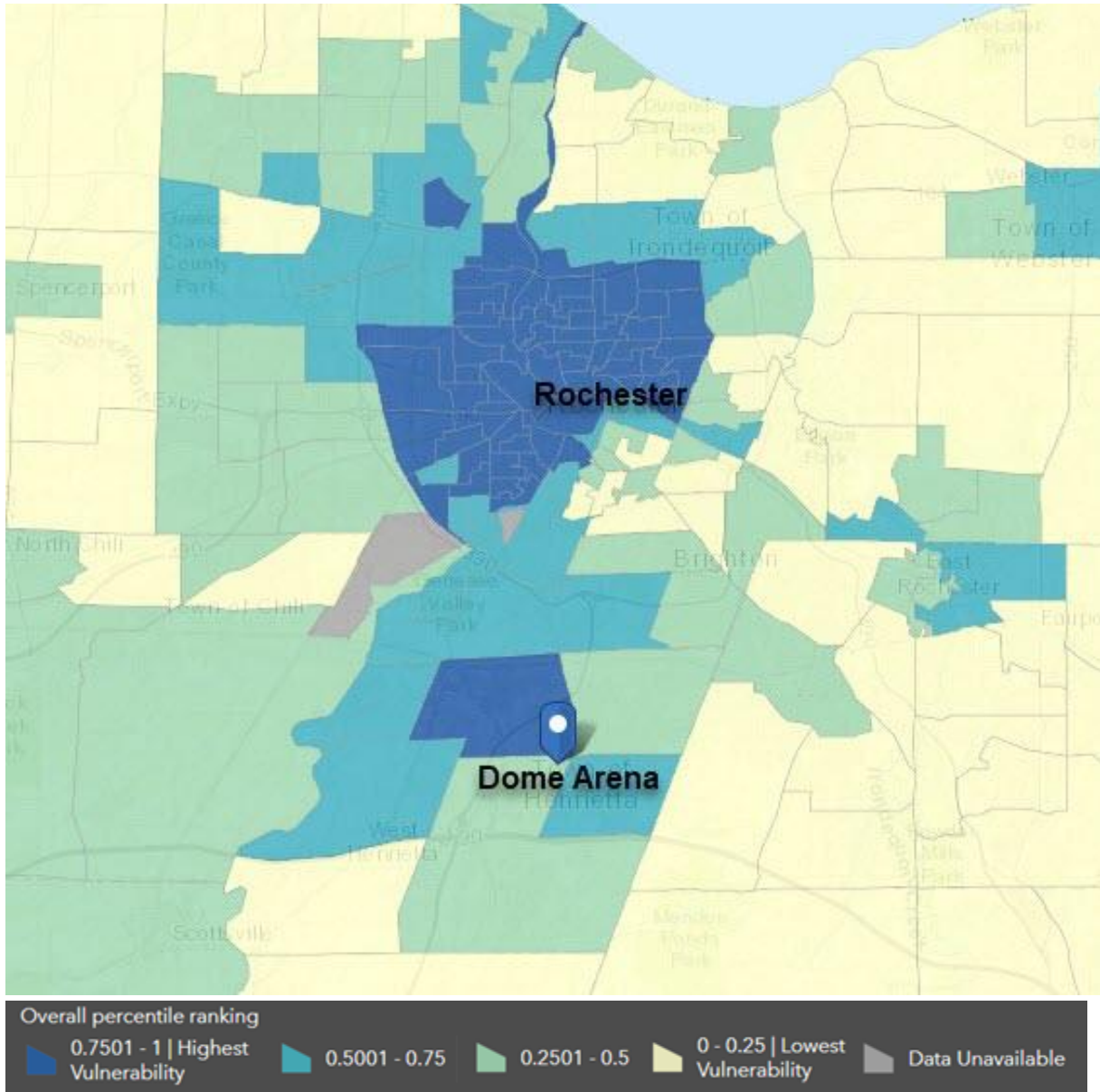## Rochester Dome Arena – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Rochester Dome
- Overall Finger Lakes vaccinations
- Finger Lakes 15+ population benchmark

Race	Vaccinated at Rochester Dome	Overall Finger Lakes vaccinations	Finger Lakes 15+ population benchmark
White	94	91	85
African American	3	6	11
Asian	3	3	3
Other	1	1	2

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)	3,000 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%.
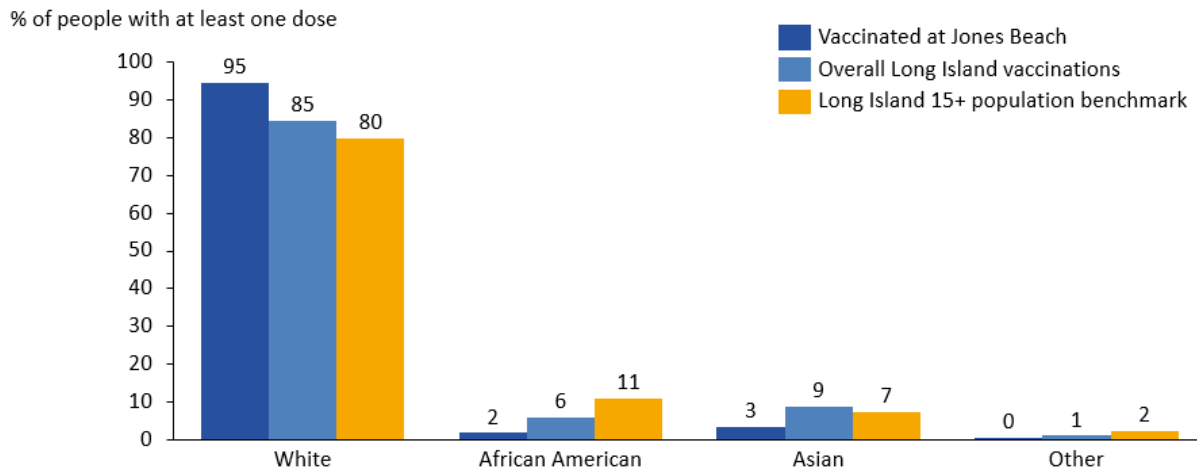
Overall percentile ranking

- 0.7501 - 1 | Highest Vulnerability
- 0.5001 - 0.75
- 0.2501 - 0.5
- 0 - 0.25 | Lowest Vulnerability
- Data Unavailable

Jones Beach, Nassau County

Social Vulnerability Score

Weighted average score of **0.21** based on the CDC's Social Vulnerability Index.
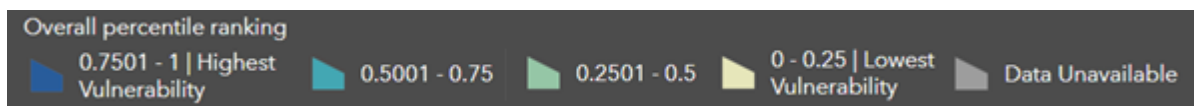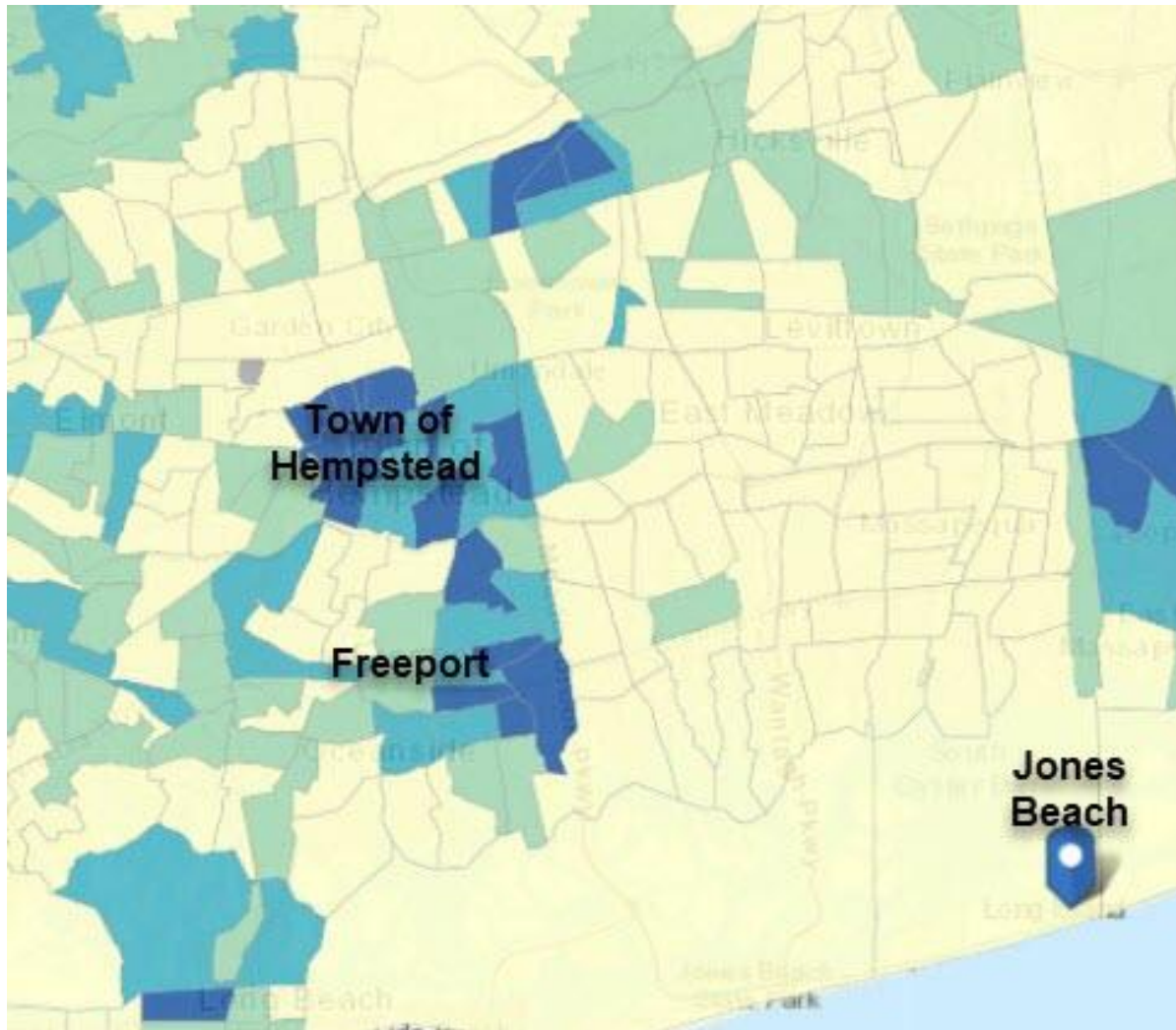
Jones Beach – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Jones Beach
- Overall Long Island vaccinations
- Long Island 15+ population benchmark

Race	Vaccinated at Jones Beach	Overall Long Island vaccinations	Long Island 15+ population benchmark
White	95	85	80
African American	2	6	11
Asian	3	9	7
Other	0	1	2

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)	1,500 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 Jones Beach site is close to several pockets of high social vulnerability:

    o Hempstead - 55,000 population

    o Freeport – 43,000 population

- o 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.
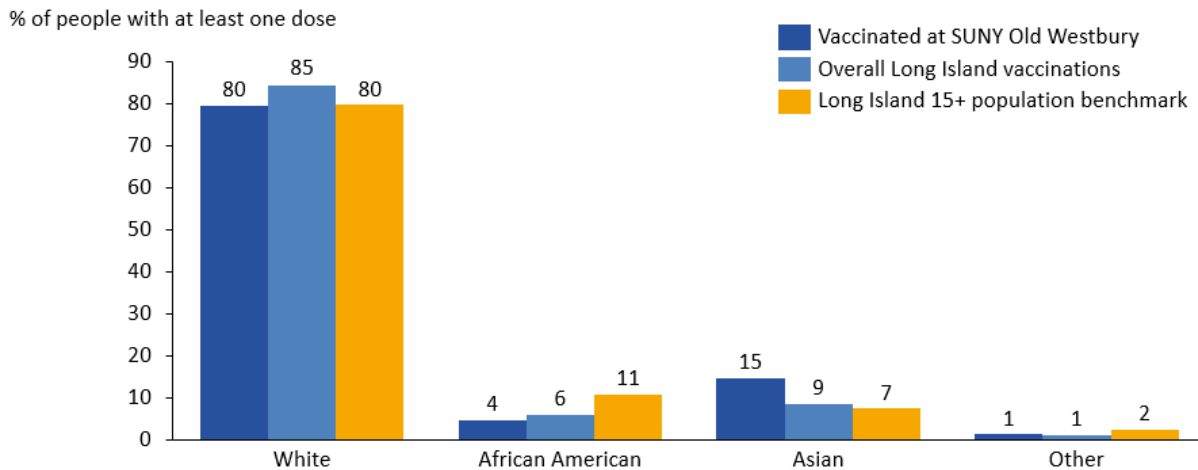
SUNY Old Westbury, Nassau County

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

Legend:
- Vaccinated at SUNY Old Westbury
- Overall Long Island vaccinations
- Long Island 15+ population benchmark

Race	Vaccinated at SUNY Old Westbury	Overall Long Island vaccinations	Long Island 15+ population benchmark
White	80	85	80
African American	4	6	11
Asian	15	9	7
Other	1	1	2

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)	1,000 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:

  o Hempstead - 55,000 population

  o 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.

Overall percentile ranking
0.7501 - 1 | Highest Vulnerability
0.5001 - 0.75
0.2501 - 0.5
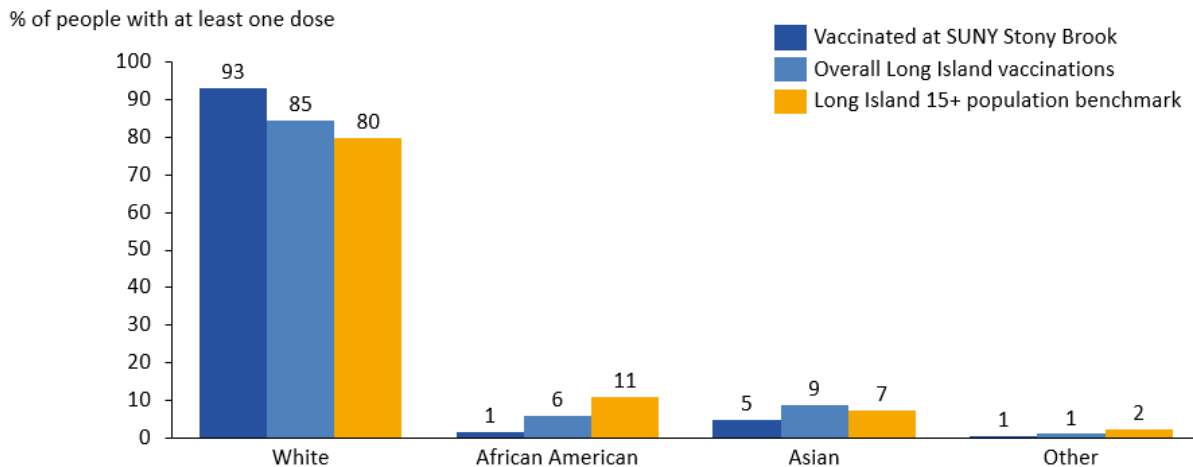0 - 0.25 | Lowest Vulnerability
Data Unavailable

SUNY Stony Brook, Suffolk County

Social Vulnerability Score

Weighted average score of **0.22** based on the CDC's Social Vulnerability Index.
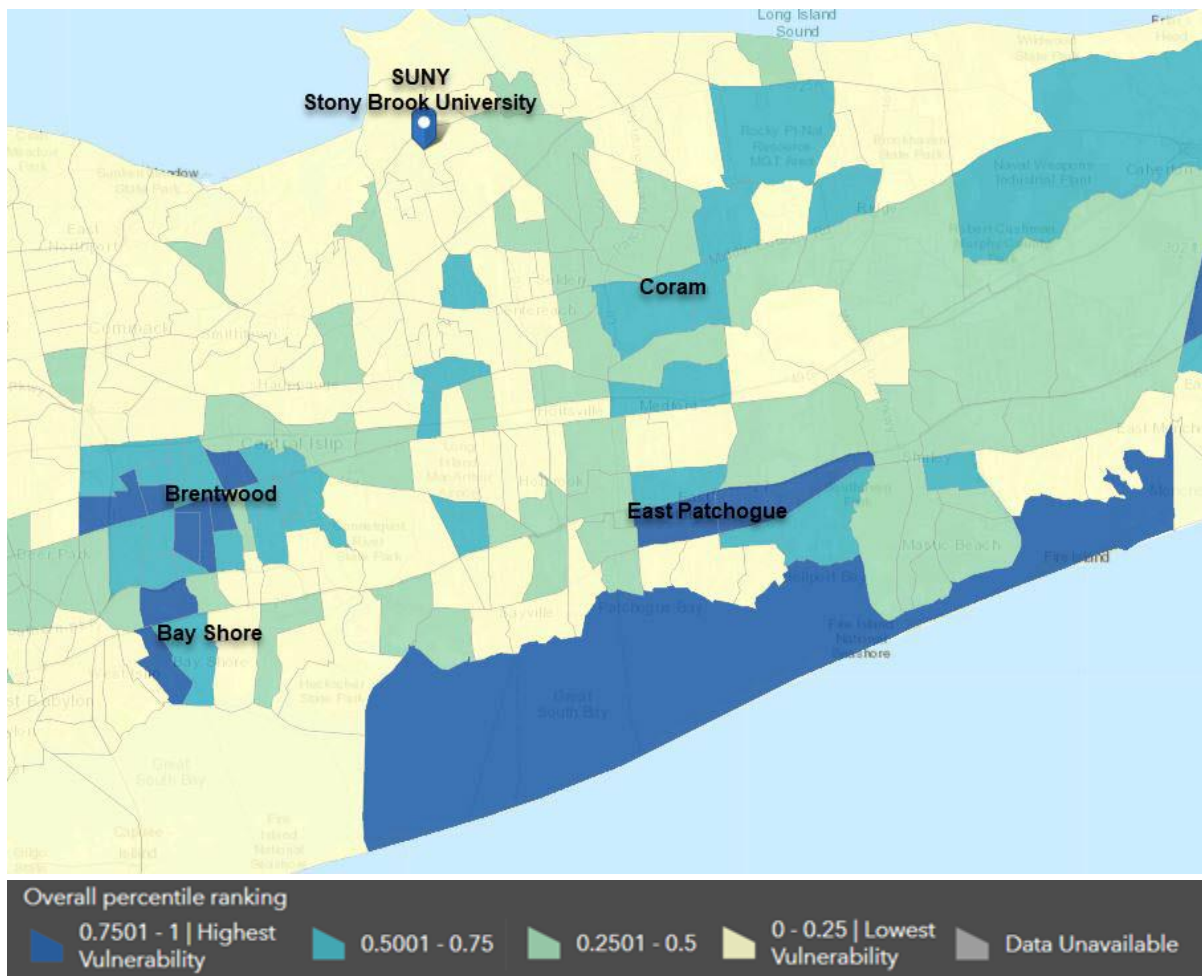
SUNY Stony Brook – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at SUNY Stony Brook
- Overall Long Island vaccinations
- Long Island 15+ population benchmark

Race	Vaccinated at SUNY Stony Brook	Overall Long Island vaccinations	Long Island 15+ population benchmark
White	93	85	80
African American	1	6	11
Asian	5	9	7
Other	1	1	2

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)	3,000 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:

    o Coram – 39,000 population

    o Brentwood – 61,000 population
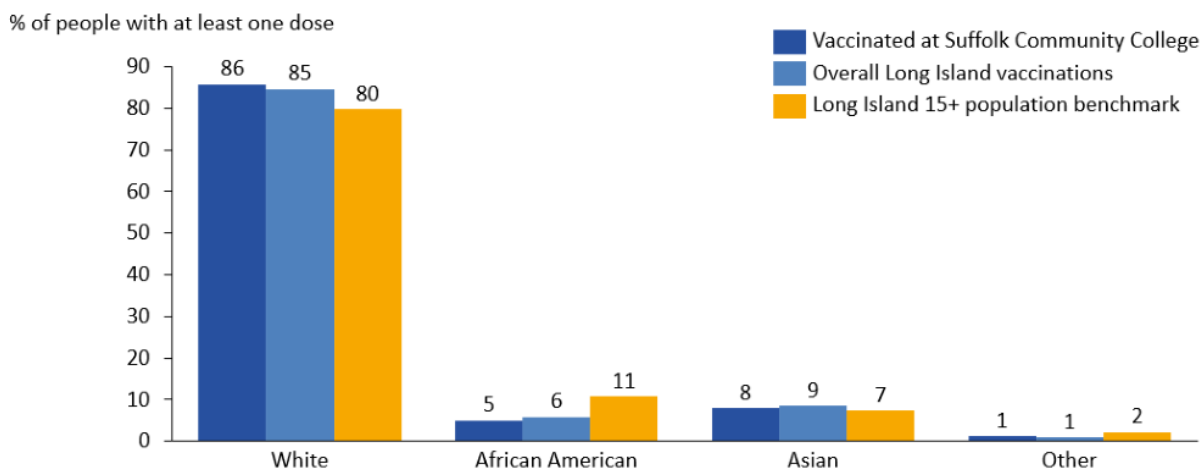
    o Bayshore – 26,000 population

Suffolk Community College - Brentwood, Suffolk County

Social Vulnerability Score

Weighted average score of **0.27** based on the CDC's Social Vulnerability Index.

Suffolk Community College – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Suffolk Community College
- Overall Long Island vaccinations
- Long Island 15+ population benchmark

Race	Vaccinated at Suffolk Community College	Overall Long Island vaccinations	Long Island 15+ population benchmark
White	86	85	80
African American	5	6	11
Asian	8	9	7
Other	1	1	2

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)	1,000 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
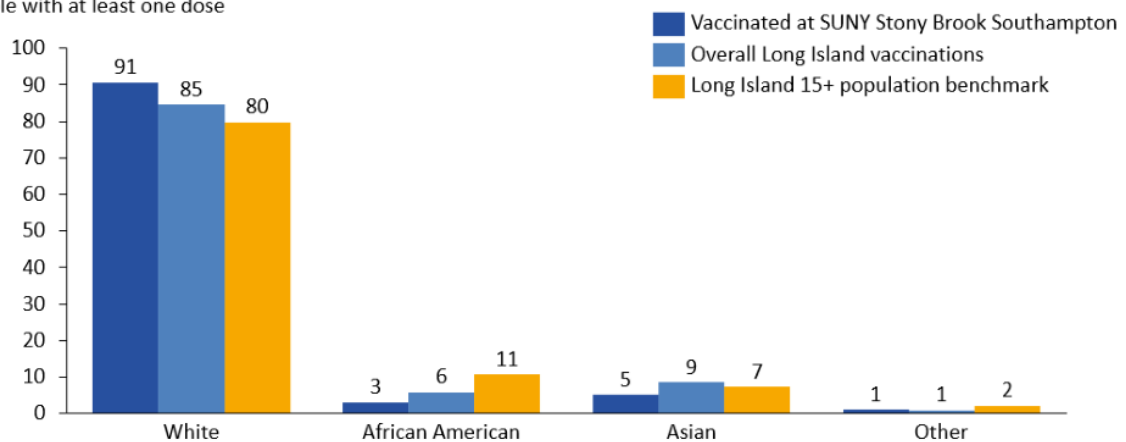
- o East Patchogue – 22,000 population
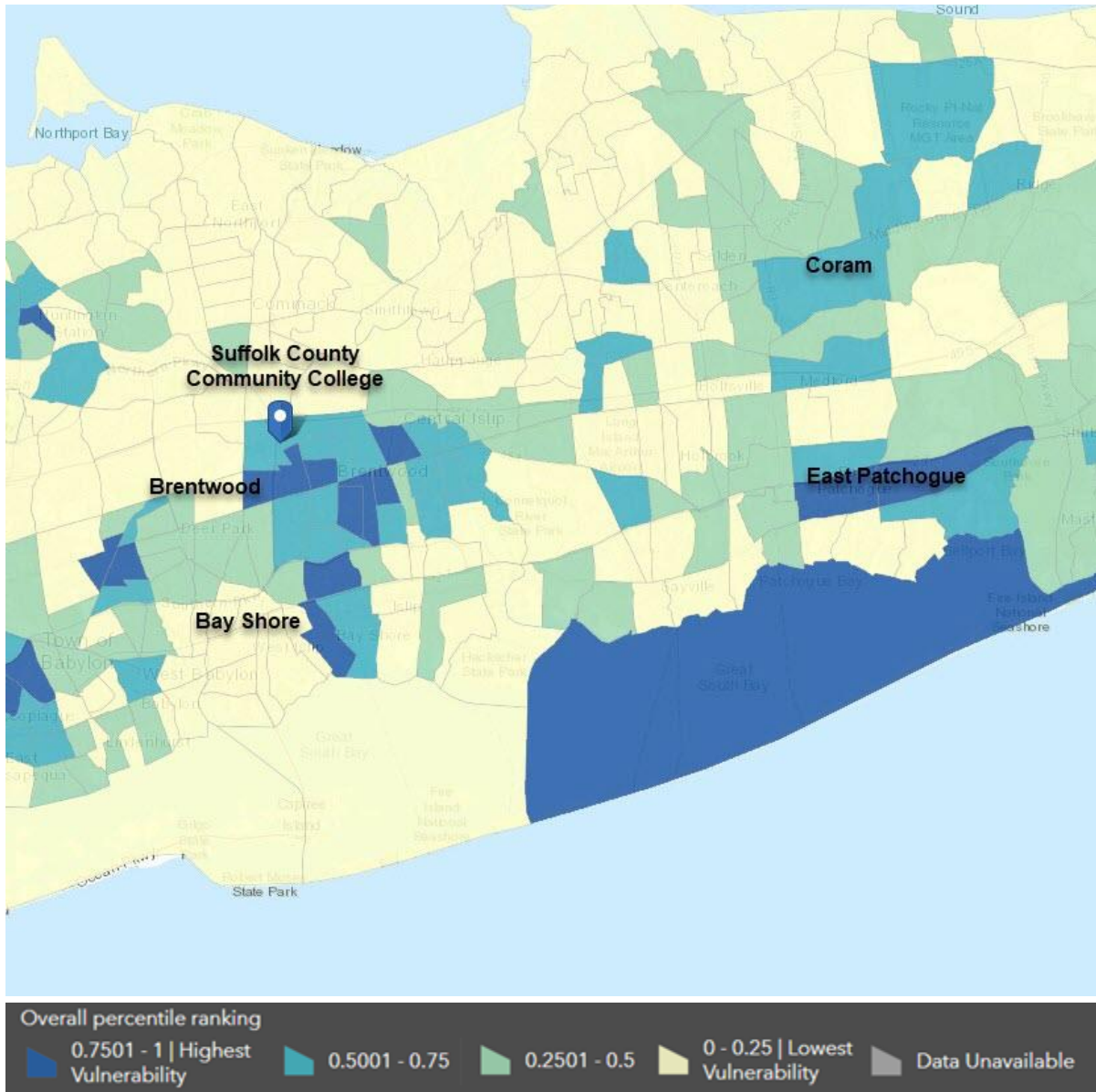
SUNY Stony Brook Southampton, Suffolk County

Social Vulnerability Score

Weighted average score of **0.29** based on the CDC's Social Vulnerability Index.

SUNY Stony Brook Southampton – Vaccinations by race
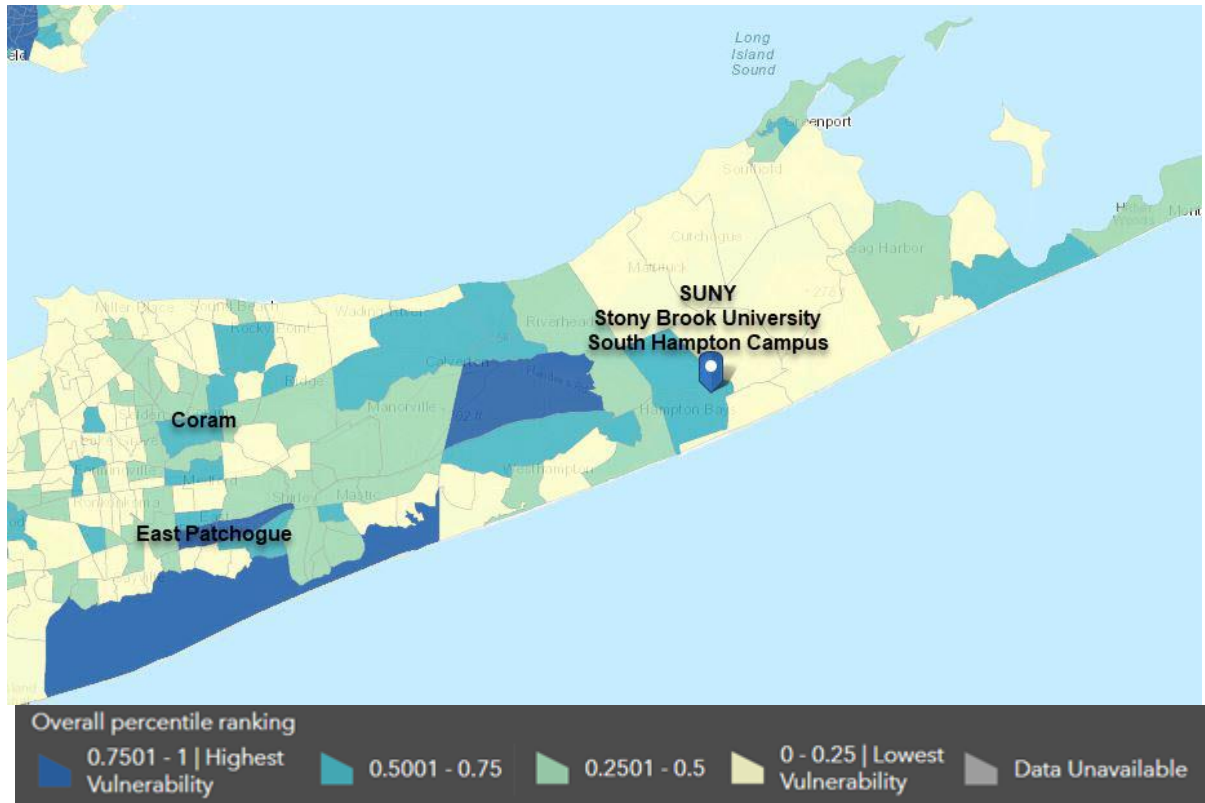
% of people with at least one dose

Legend:
- Vaccinated at SUNY Stony Brook Southampton
- Overall Long Island vaccinations
- Long Island 15+ population benchmark

Race	Vaccinated at SUNY Stony Brook Southampton	Overall Long Island vaccinations	Long Island 15+ population benchmark
White	91	85	80
African American	3	6	11
Asian	5	9	7
Other	1	1	2

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)	1,000 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:

    o Coram – 39,000 population
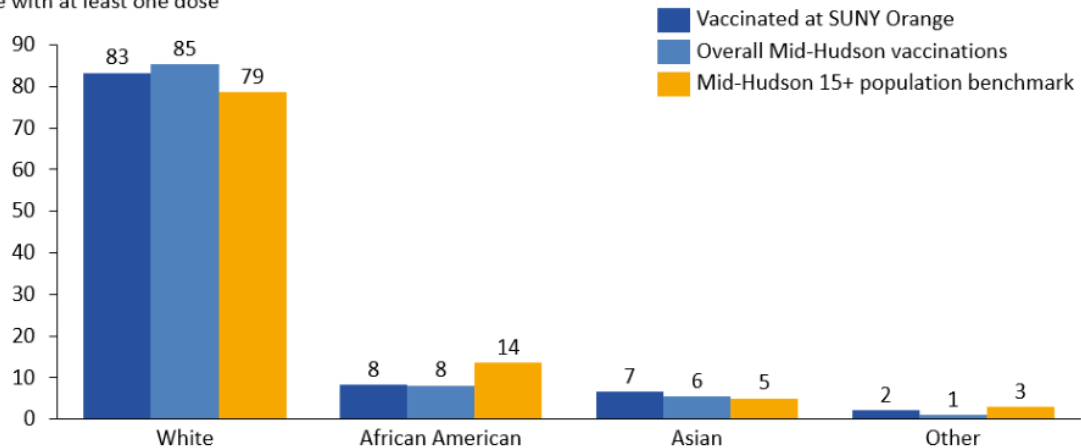
    o East Patchogue – 22,000 population

SUNY Orange, Orange County

Social Vulnerability Score

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

SUNY Orange – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at SUNY Orange
- Overall Mid-Hudson vaccinations
- Mid-Hudson 15+ population benchmark

Race	Vaccinated at SUNY Orange	Overall Mid-Hudson vaccinations	Mid-Hudson 15+ population benchmark
White	83	85	79
African American	8	8	14
Asian	7	6	5
Other	2	1	3

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)	1,000 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:

- o Fallsburg – 13k population, with 19.2% poverty rate

- o Kingston – 23k population, with 19.2% poverty rate

- o Poughkeepsie – 31k population with 19.4% poverty rate
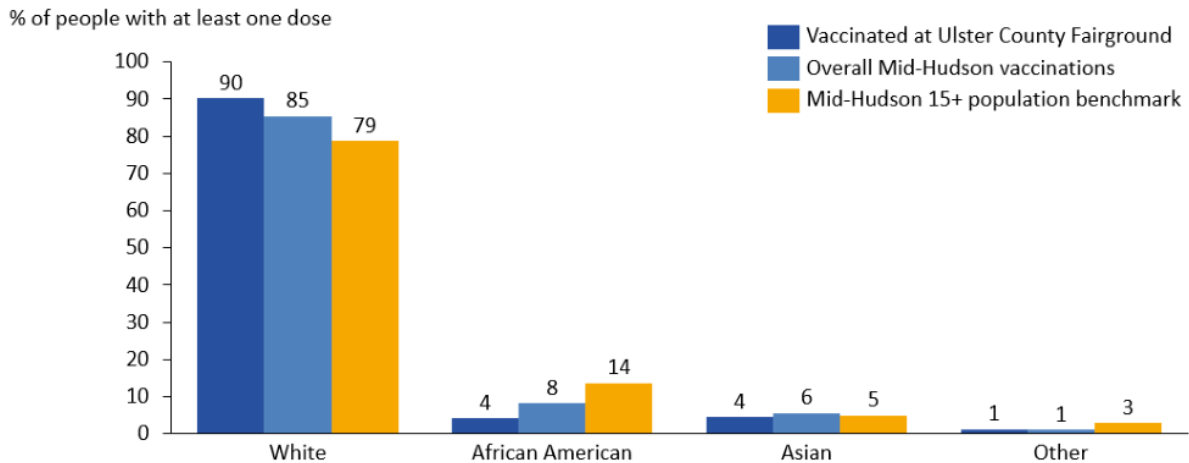
- o Newburgh – 28k population, with 25.4% poverty rate
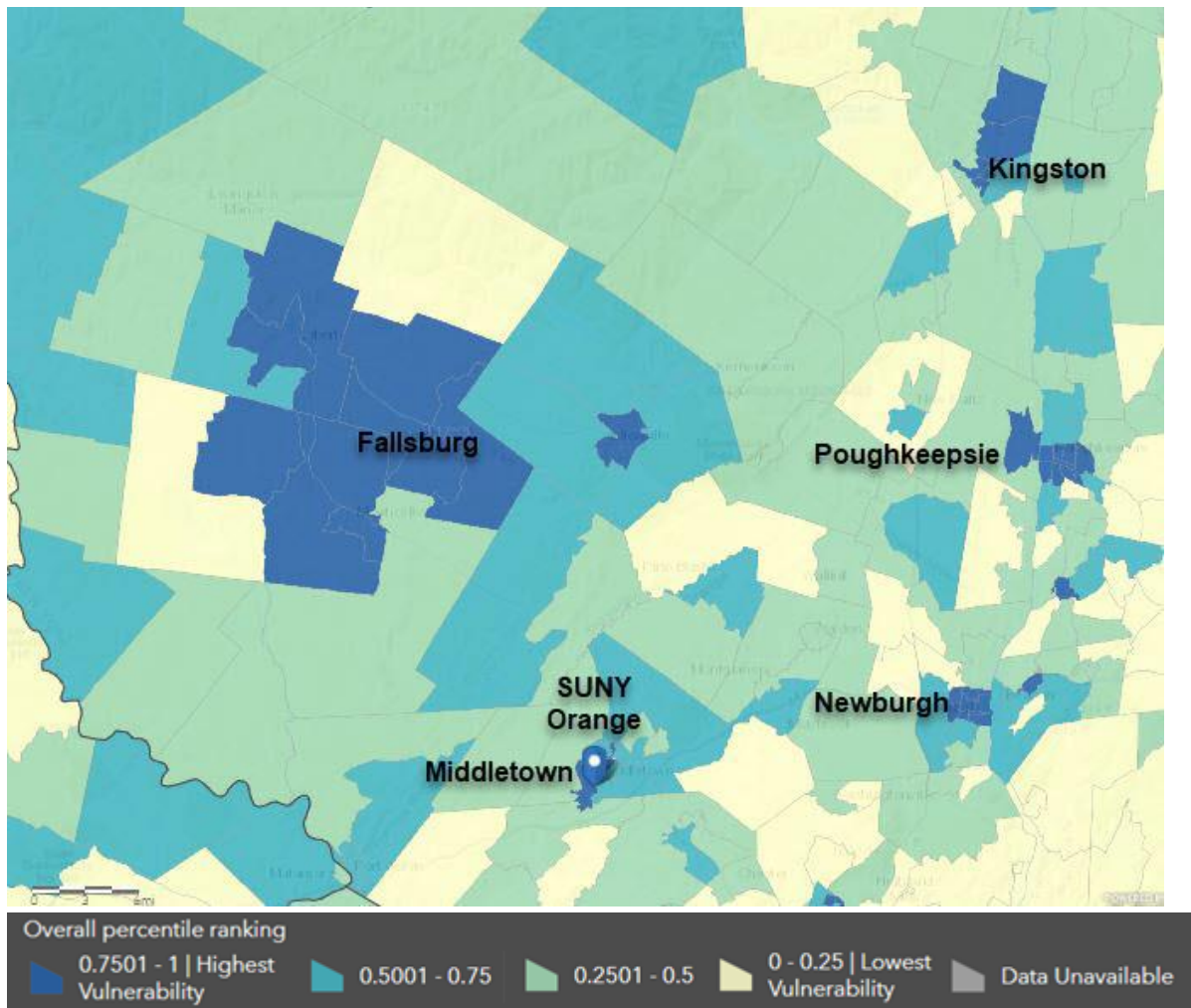
Ulster County Fairground, Ulster County

Social Vulnerability Score

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

## Ulster County Fairground – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Ulster County Fairground
- Overall Mid-Hudson vaccinations
- Mid-Hudson 15+ population benchmark

Race	Vaccinated at Ulster County Fairground	Overall Mid-Hudson vaccinations	Mid-Hudson 15+ population benchmark
White	90	85	79
African American	4	8	14
Asian	4	6	5
Other	1	1	3

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)	1,000 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:

    o Fallsburg – 13k population, with 19.2% poverty rate

    o Kingston – 23k population, with 19.2% poverty rate

    o Poughkeepsie – 31k population with 19.4% poverty rate

    o 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.
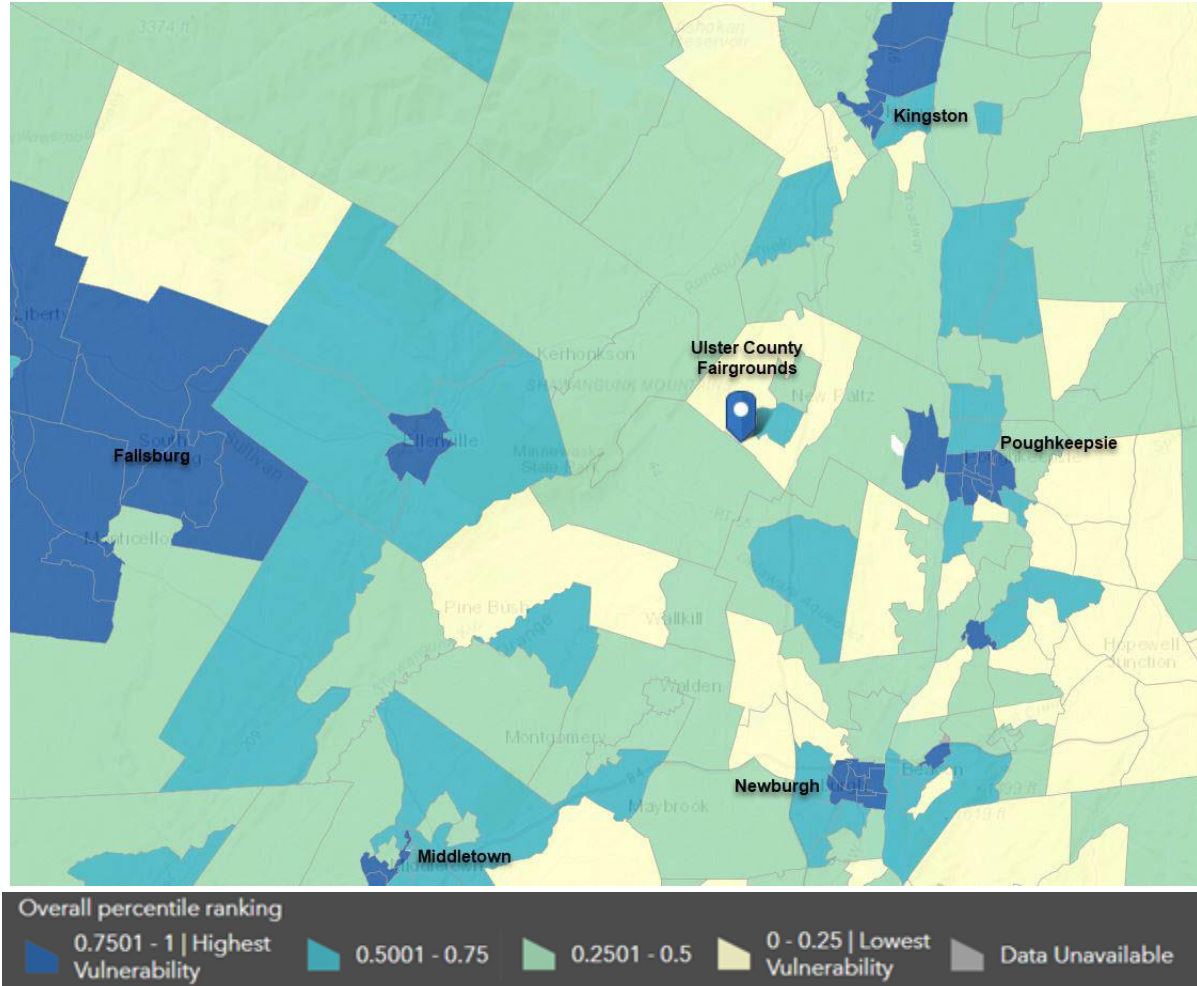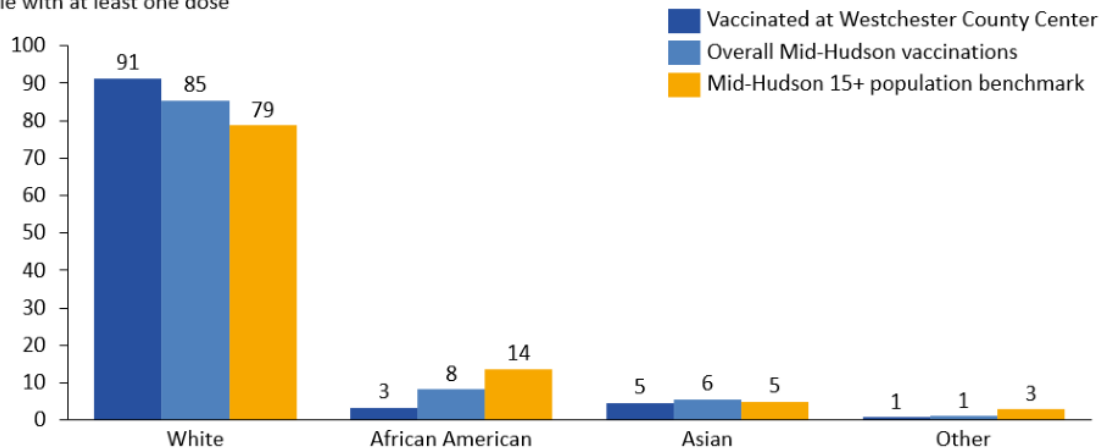
Westchester County Center, Westchester County

Social Vulnerability Score

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

Westchester County Center – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Westchester County Center (dark blue)
- Overall Mid-Hudson vaccinations (light blue)
- Mid-Hudson 15+ population benchmark (orange)

Race	Vaccinated at Westchester County Center	Overall Mid-Hudson vaccinations	Mid-Hudson 15+ population benchmark
White	91	85	79
African American	3	8	14
Asian	5	6	5
Other	1	1	3

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)	3,000 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:

  o Yonkers – 200k population, with 14.9% poverty rate

  o Mount Vernon – 67k population, with 13.9% poverty rate

  o Sleepy Hollow – 10k population, with 13.4% poverty rate

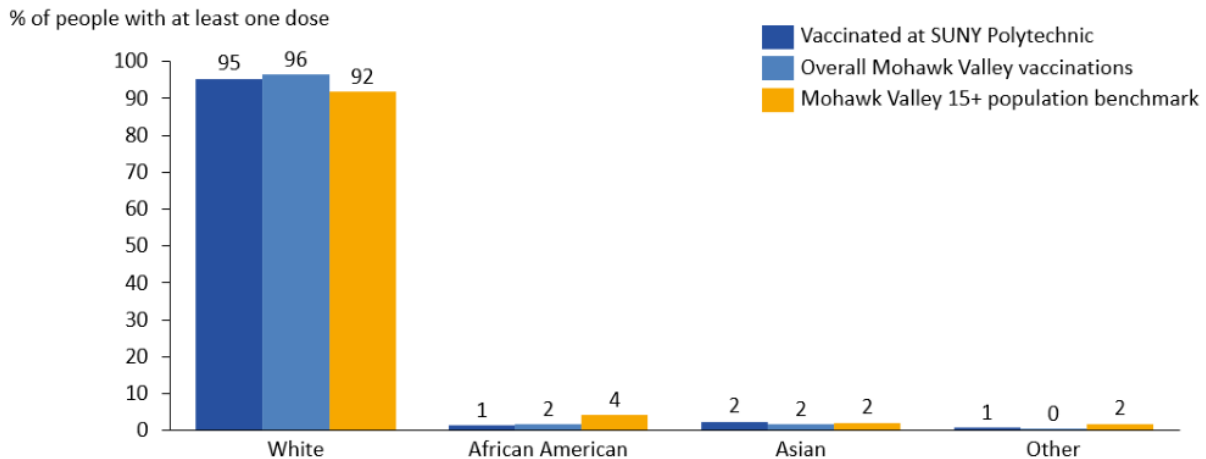 o Port Chester – 29k population, with 11.0% poverty rate
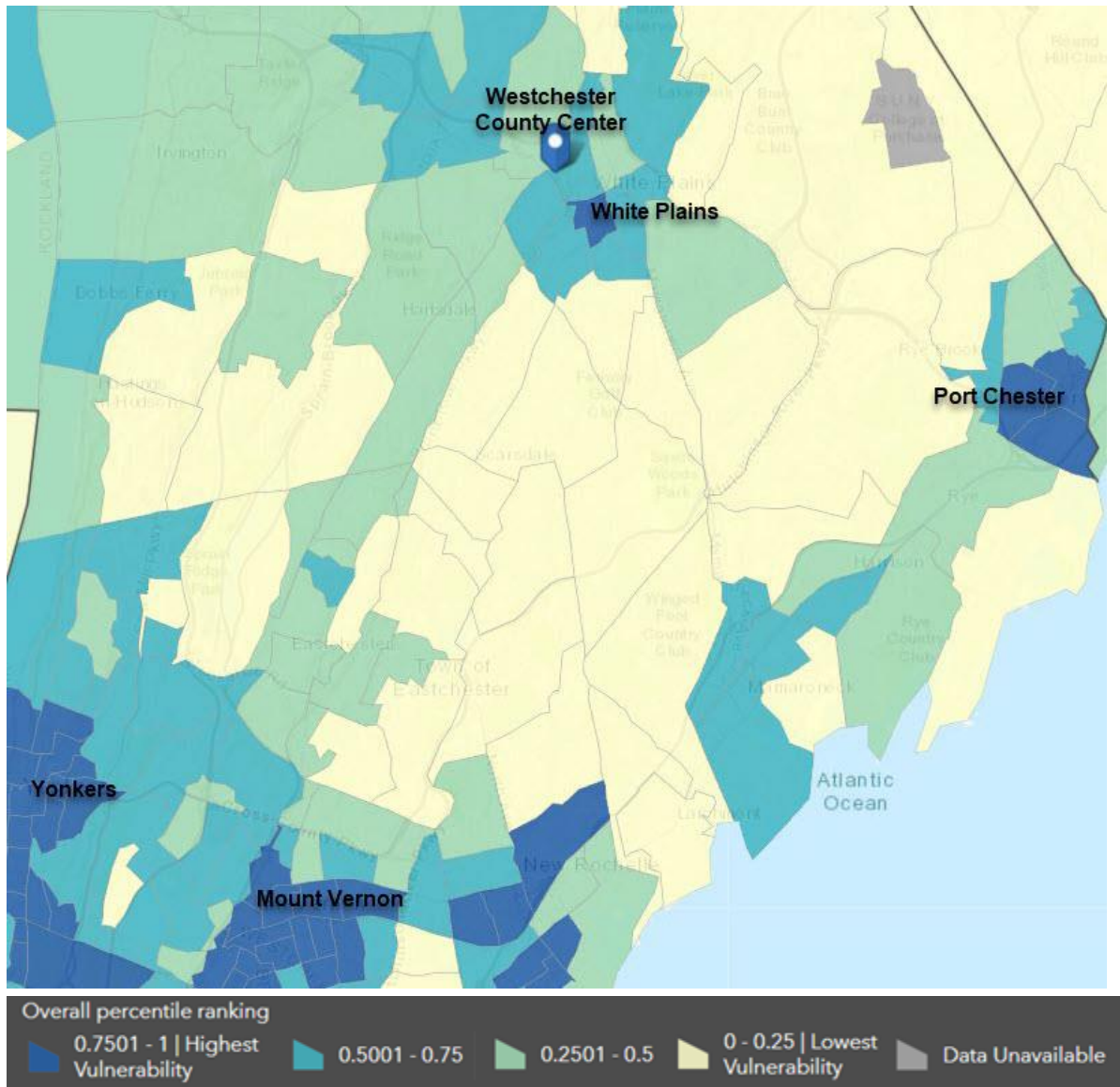
SUNY Polytechnic, Oneida County

Social Vulnerability Score

Weighted average score of **0.38** based on the CDC's Social Vulnerability Index.

SUNY Polytechnic – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at SUNY Polytechnic
- Overall Mohawk Valley vaccinations
- Mohawk Valley 15+ population benchmark

Race	Vaccinated at SUNY Polytechnic	Overall Mohawk Valley vaccinations	Mohawk Valley 15+ population benchmark
White	95	96	92
African American	1	2	4
Asian	2	2	2
Other	1	0	2

Vaccine Site Selection Rationale

Location (address or coordinates)	Wildcat Field House, 880 Wildcat Drive, Utica, NY, 13502
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)	2,000 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:

  o Montgomery County – SVI of 0.83, poverty rate of 19.9%

  o Herkimer County – SVI of 0.53, poverty rate of 14.6%

  o 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:

    o Rome – 32k population, with 19.5% poverty rate

    o Herkimer – 10k population, with 14.3% poverty rate

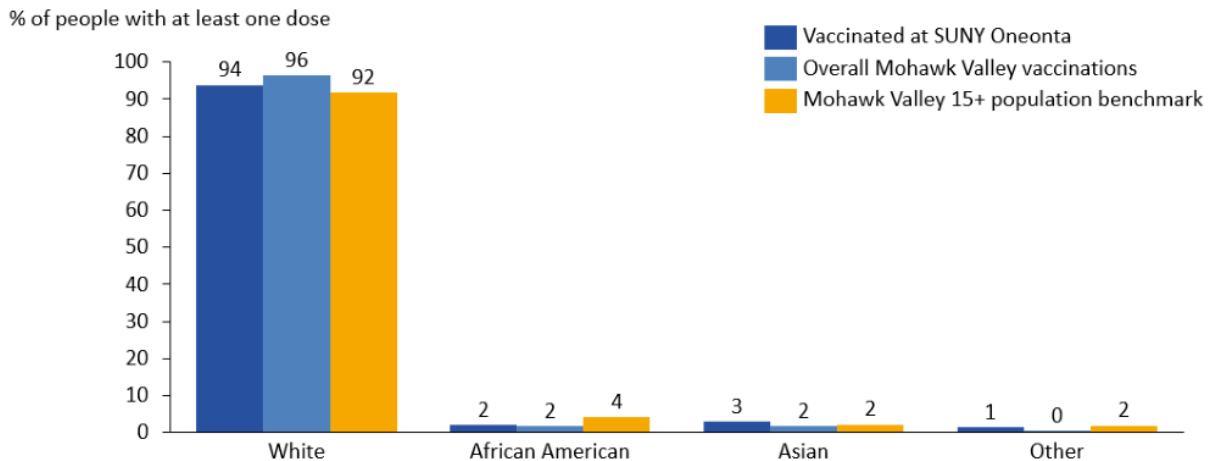   o St. Johnsville – 2k population, with 29% poverty rate
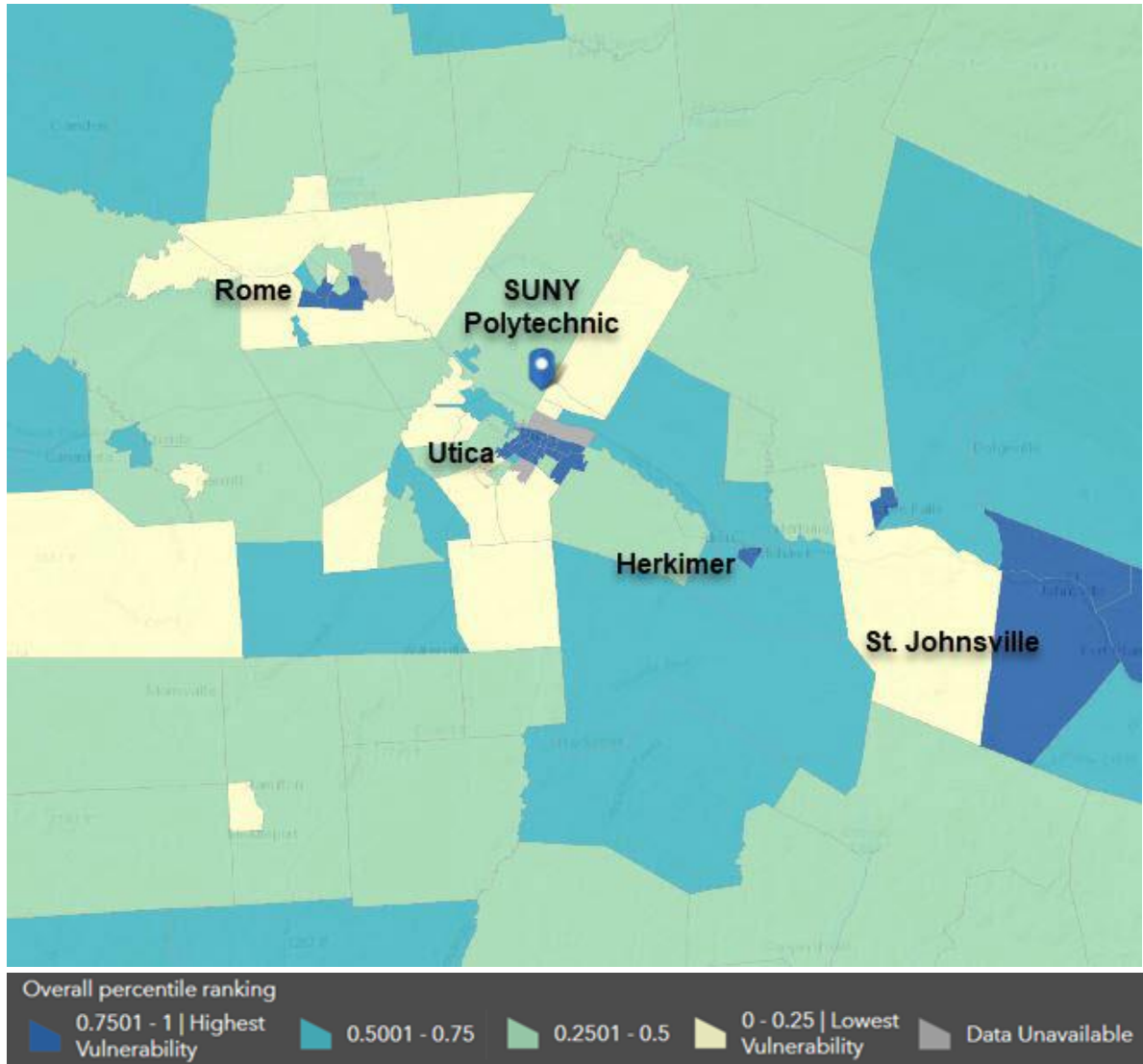
SUNY Oneonta, Otsego County

Social Vulnerability Score

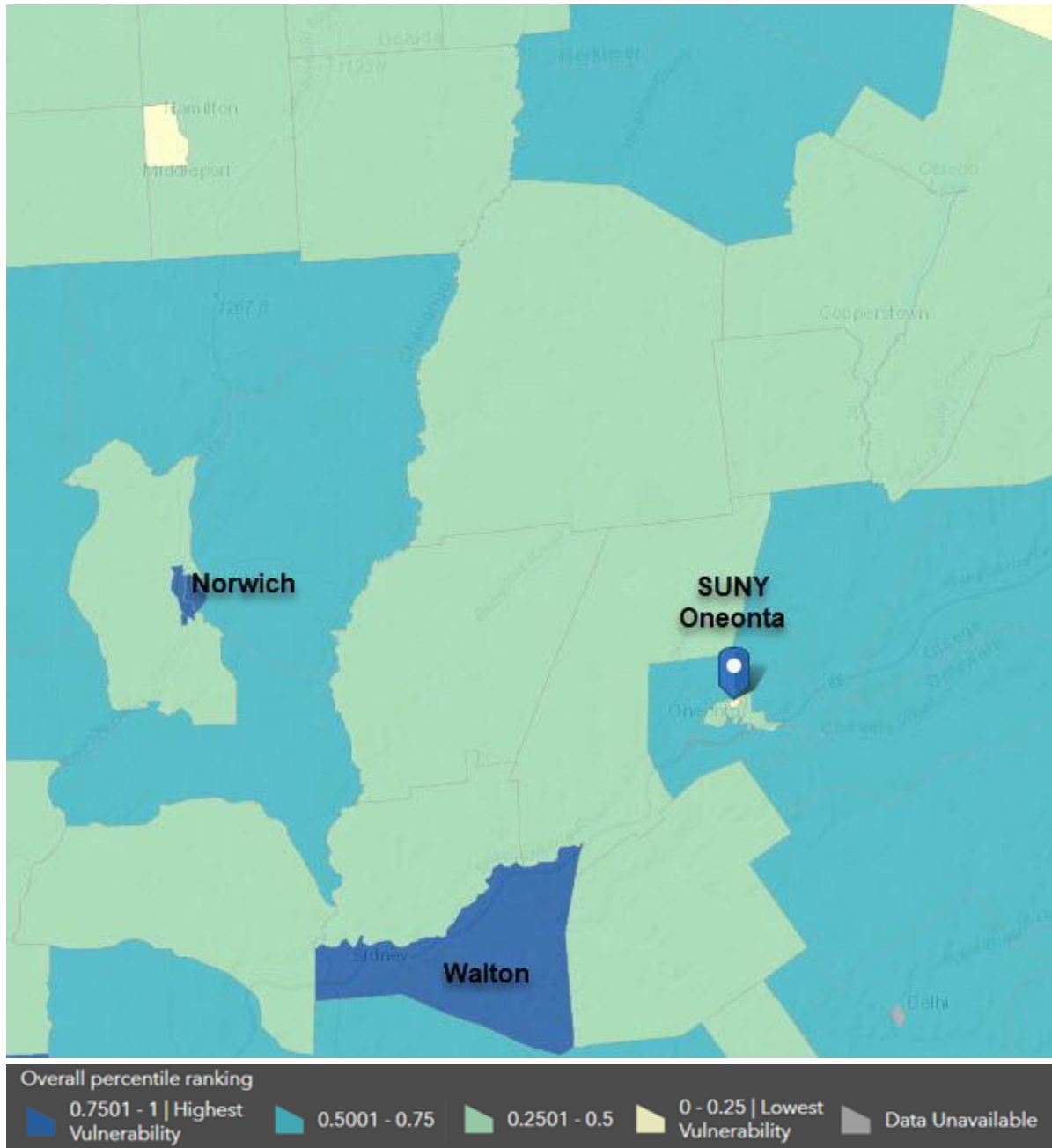Weighted average score of **0.45** based on the CDC's Social Vulnerability Index.

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)	1,000 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
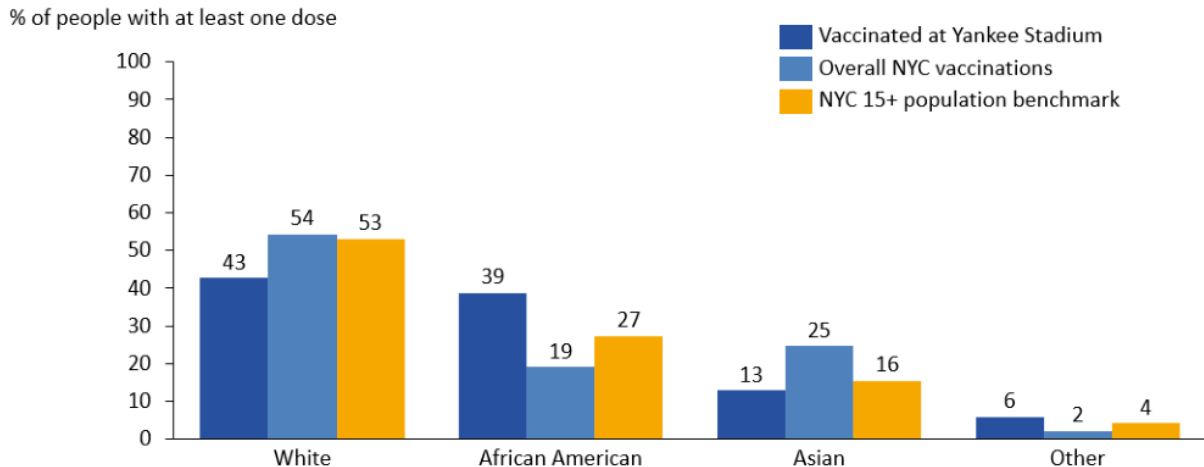
o   Walton – 5k population, with 23.6% poverty rate

Yankee Stadium, Bronx County

Social Vulnerability Score

Weighted average score of **0.87** based on the CDC's Social Vulnerability Index.
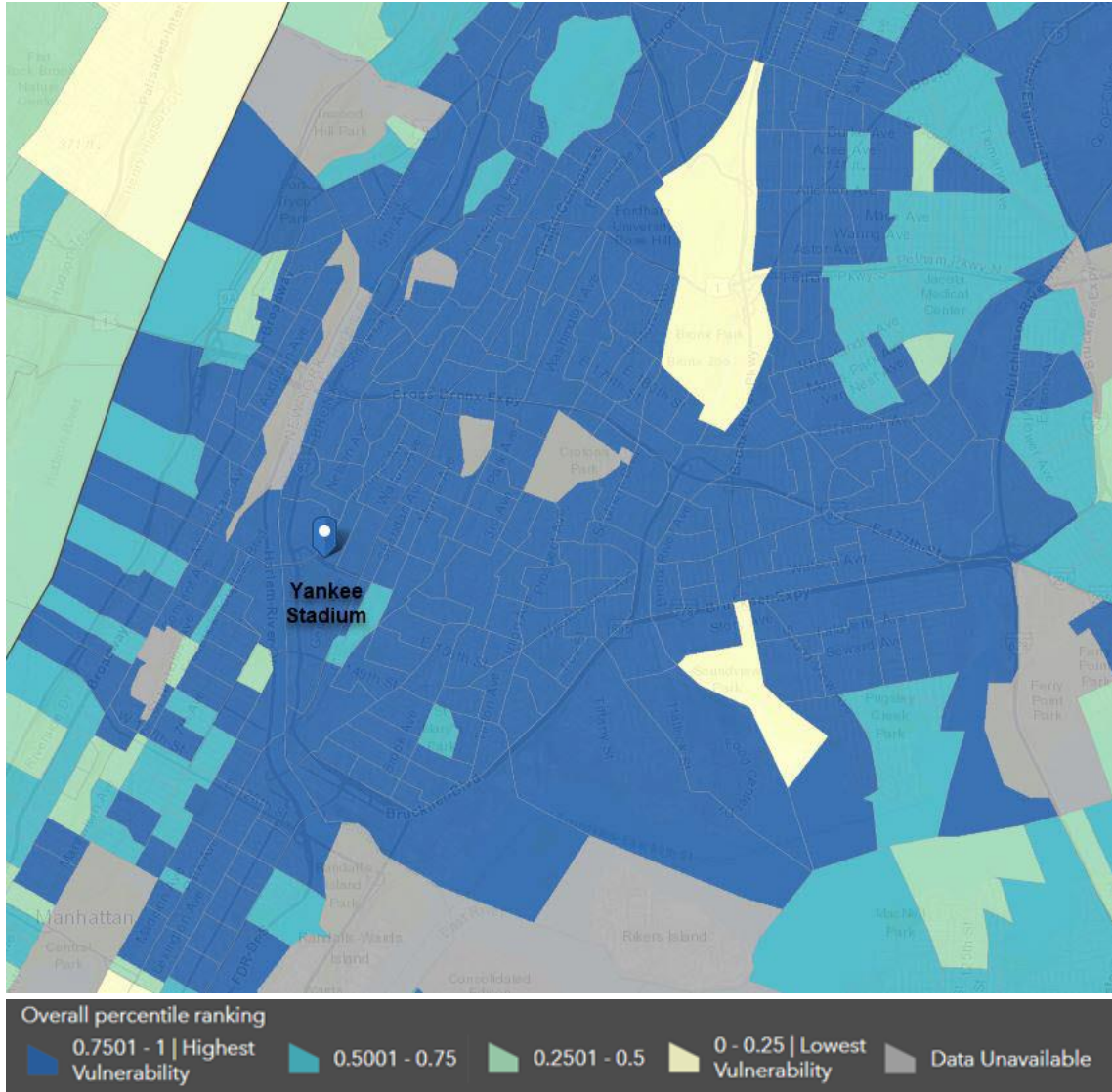
Yankee Stadium – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Yankee Stadium
- Overall NYC vaccinations
- NYC 15+ population benchmark

Race	Vaccinated at Yankee Stadium	Overall NYC vaccinations	NYC 15+ population benchmark
White	43	54	53
African American	39	19	27
Asian	13	25	16
Other	6	2	4

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)	1,000 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%).

- 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 3/31, 45,612 Bronx residents have been vaccinated at Yankee Stadium.
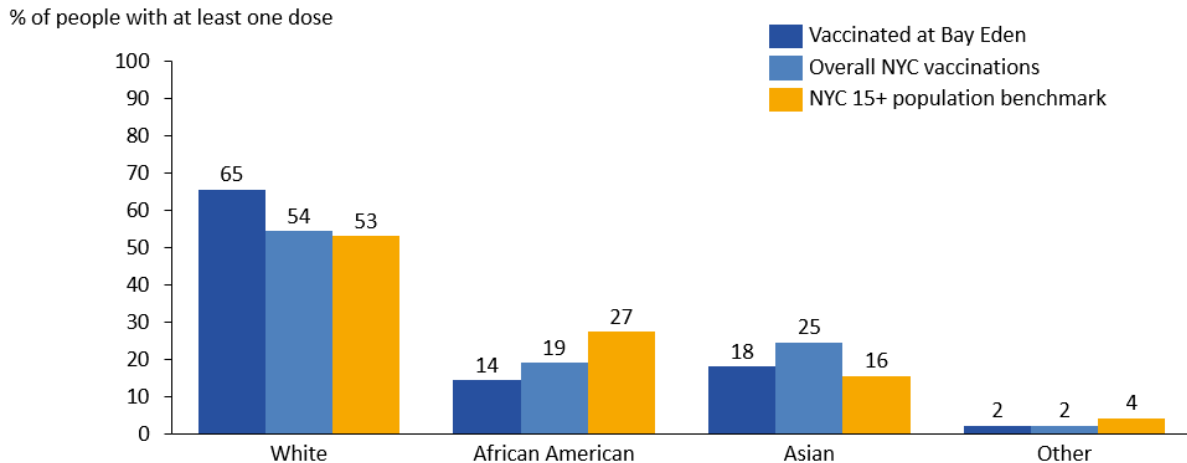
Overall percentile ranking

0.7501 - 1 | Highest Vulnerability
0.5001 - 0.75
0.2501 - 0.5
0 - 0.25 | Lowest Vulnerability
Data Unavailable

Bay Eden Senior Center, Bronx County

Social Vulnerability Score

Weighted average score of **0.51** based on the CDC's Social Vulnerability Index.
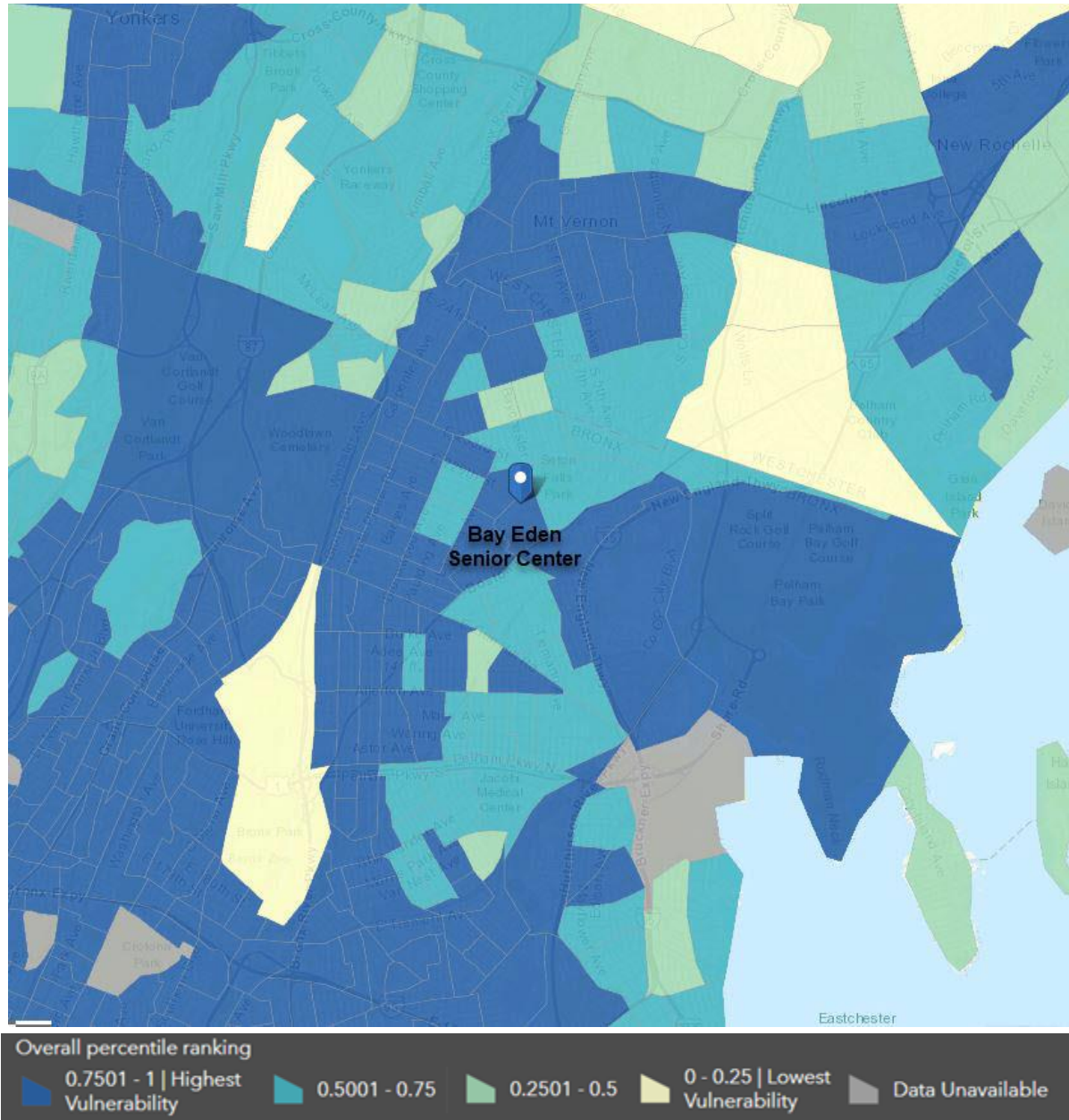
Bay Eden Senior Center – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Bay Eden
- Overall NYC vaccinations
- NYC 15+ population benchmark

Race	Vaccinated at Bay Eden	Overall NYC vaccinations	NYC 15+ population benchmark
White	65	54	53
African American	14	19	27
Asian	18	25	16
Other	2	2	4

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)	1,000 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.
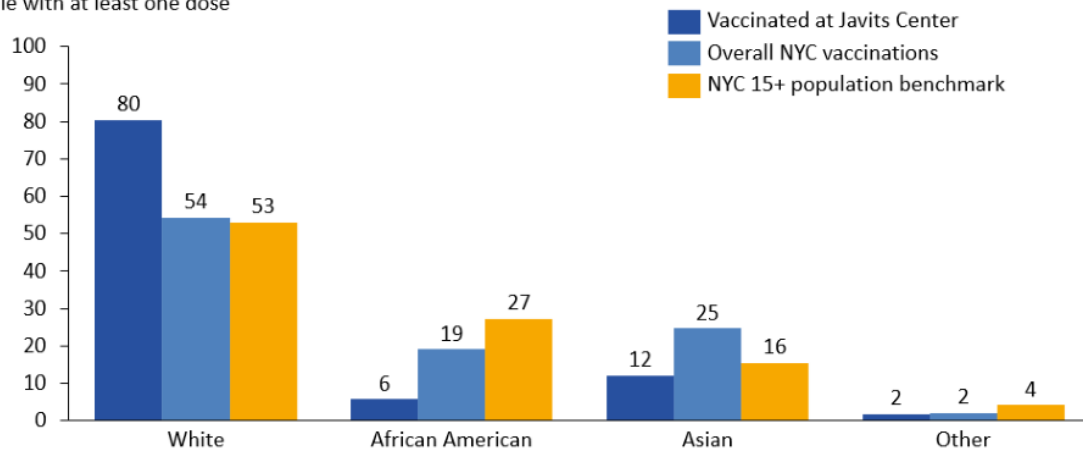
Overall percentile ranking

0.7501 - 1 | Highest Vulnerability   0.5001 - 0.75   0.2501 - 0.5   0 - 0.25 | Lowest Vulnerability   Data Unavailable

Javits Center, New York County

Social Vulnerability Score

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

Javits Center – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Javits Center
- Overall NYC vaccinations
- NYC 15+ population benchmark

Race	Vaccinated at Javits Center	Overall NYC vaccinations	NYC 15+ population benchmark
White	80	54	53
African American	6	19	27
Asian	12	25	16
Other	2	2	4

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)	9,000 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 a overall poverty rate of 17.9%, higher than the statewide average of 13%.

- Javits Center was one of the first sites established because of:

  o 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).

o Large size – Javits can vaccinate 10,000 people per day

o 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.
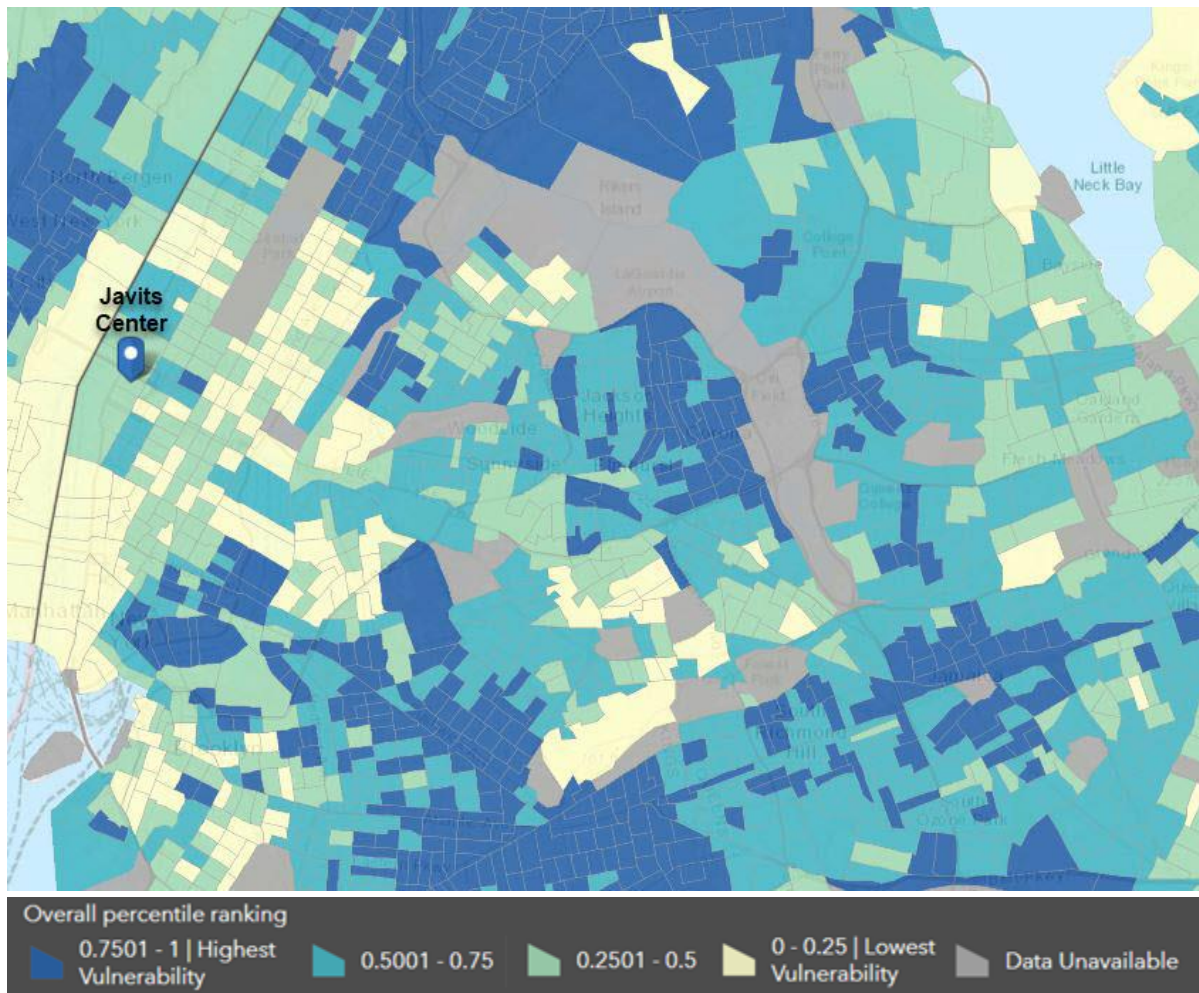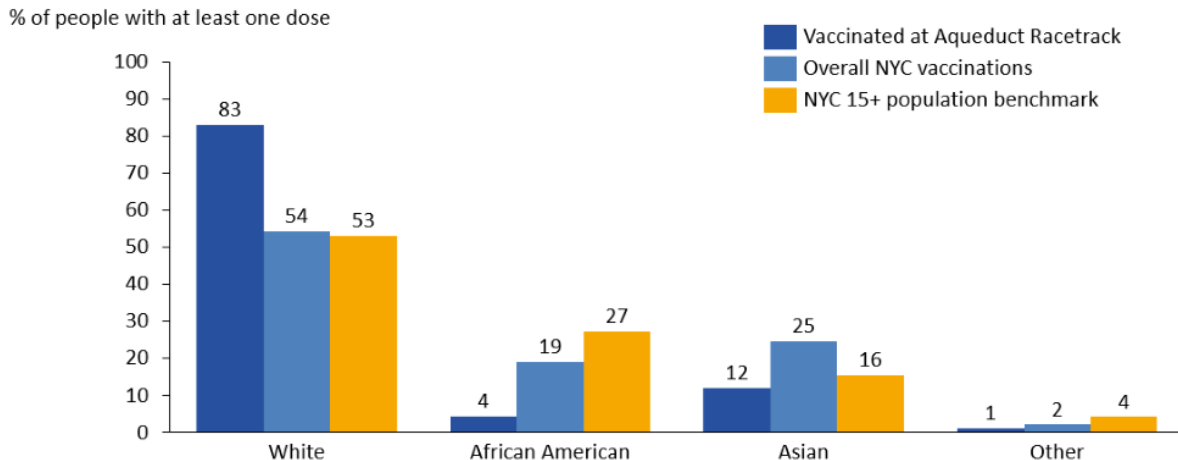
Aqueduct Racetrack, Queens County

Social Vulnerability Score

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


Aqueduct Racetrack – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Aqueduct Racetrack
- Overall NYC vaccinations
- NYC 15+ population benchmark

Race	Vaccinated at Aqueduct Racetrack	Overall NYC vaccinations	NYC 15+ population benchmark
White	83	54	53
African American	4	19	27
Asian	12	25	16
Other	1	2	4

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)	4,000 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 2nd 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.
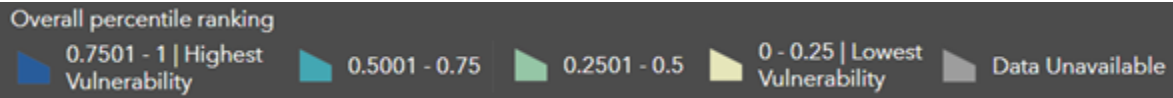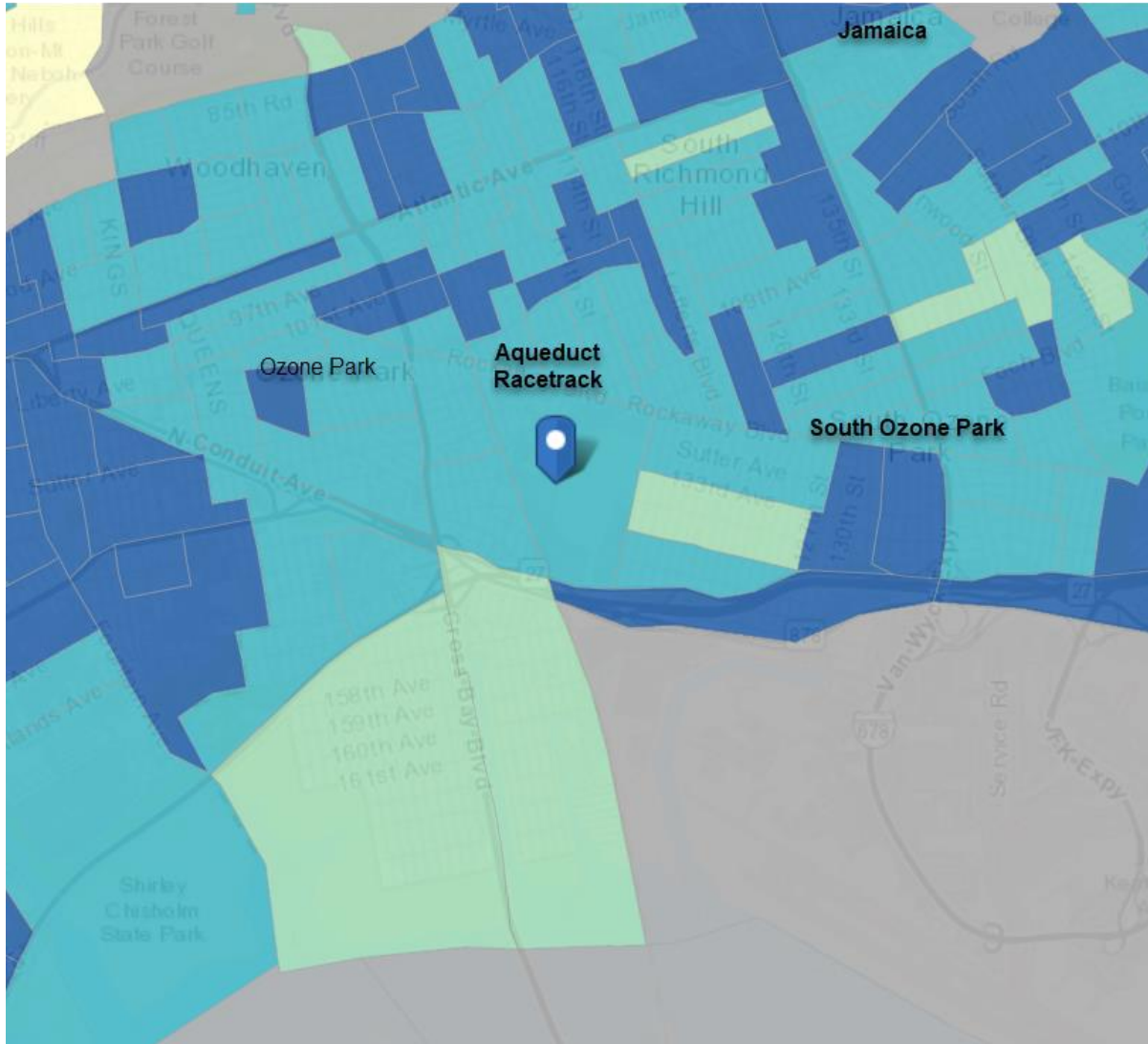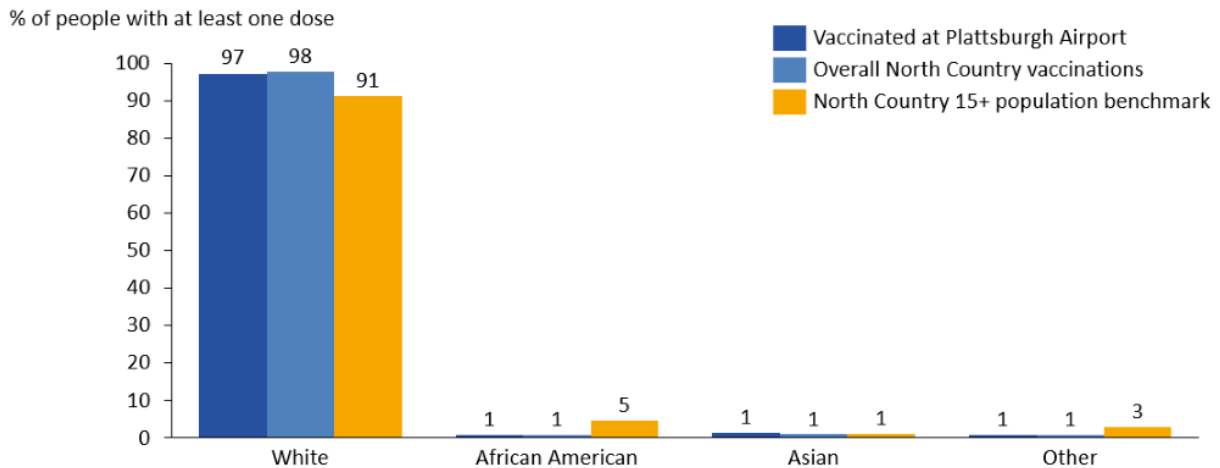
Plattsburgh International Airport, Clinton County

Social Vulnerability Score

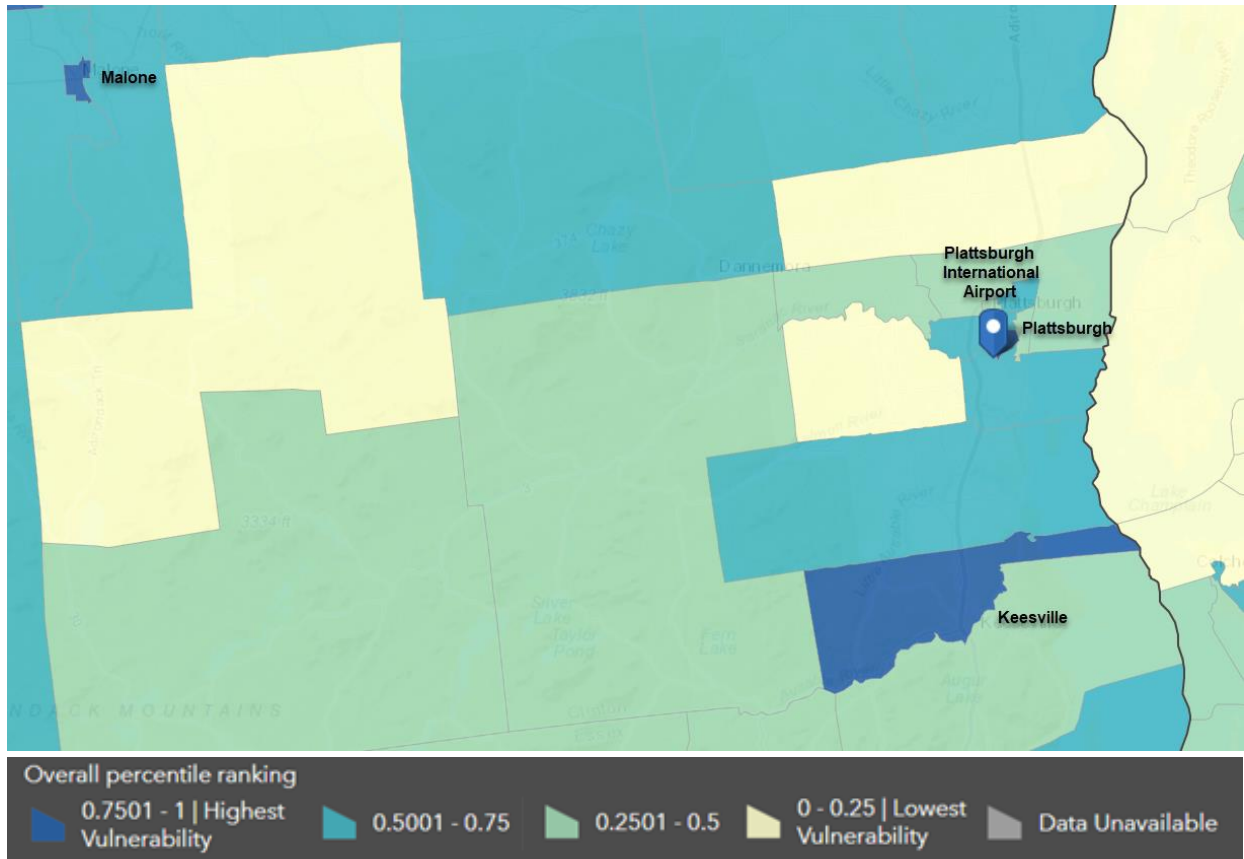Weighted average score of **0.42** based on the CDC's Social Vulnerability Index.

Plattsburgh Airport – Vaccinations by race

% of people with at least one dose

- Vaccinated at Plattsburgh Airport
- Overall North Country vaccinations
- North Country 15+ population benchmark

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)	1,000 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 a SVI of 0.71 and above-average poverty levels (18.2% of residents live in poverty).
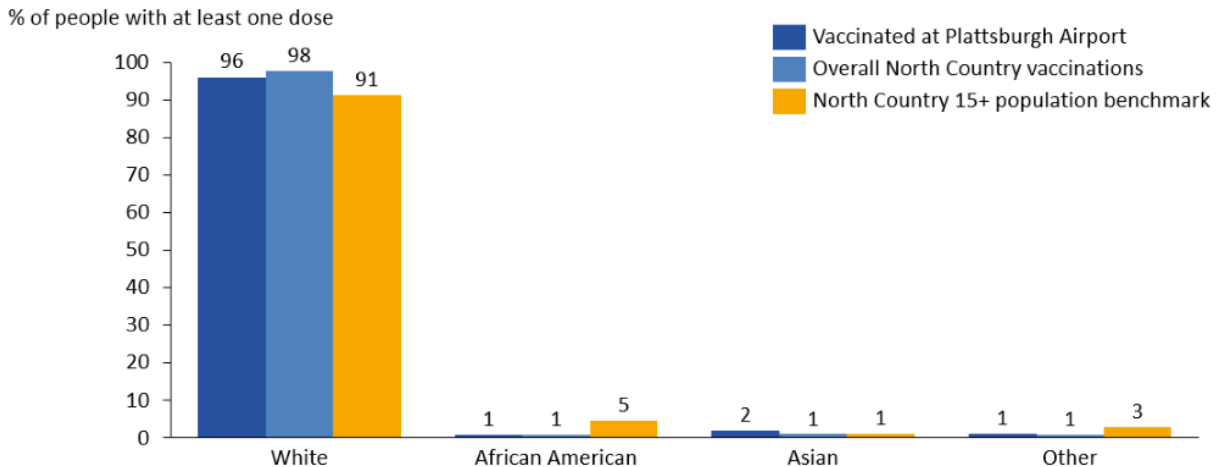
Overall percentile ranking

0.7501 - 1 | Highest Vulnerability
0.5001 - 0.75
0.2501 - 0.5
0 - 0.25 | Lowest Vulnerability
Data Unavailable

SUNY Potsdam, St. Lawrence County

Social Vulnerability Score

Weighted average score of **0.54** based on the CDC's Social Vulnerability Index.
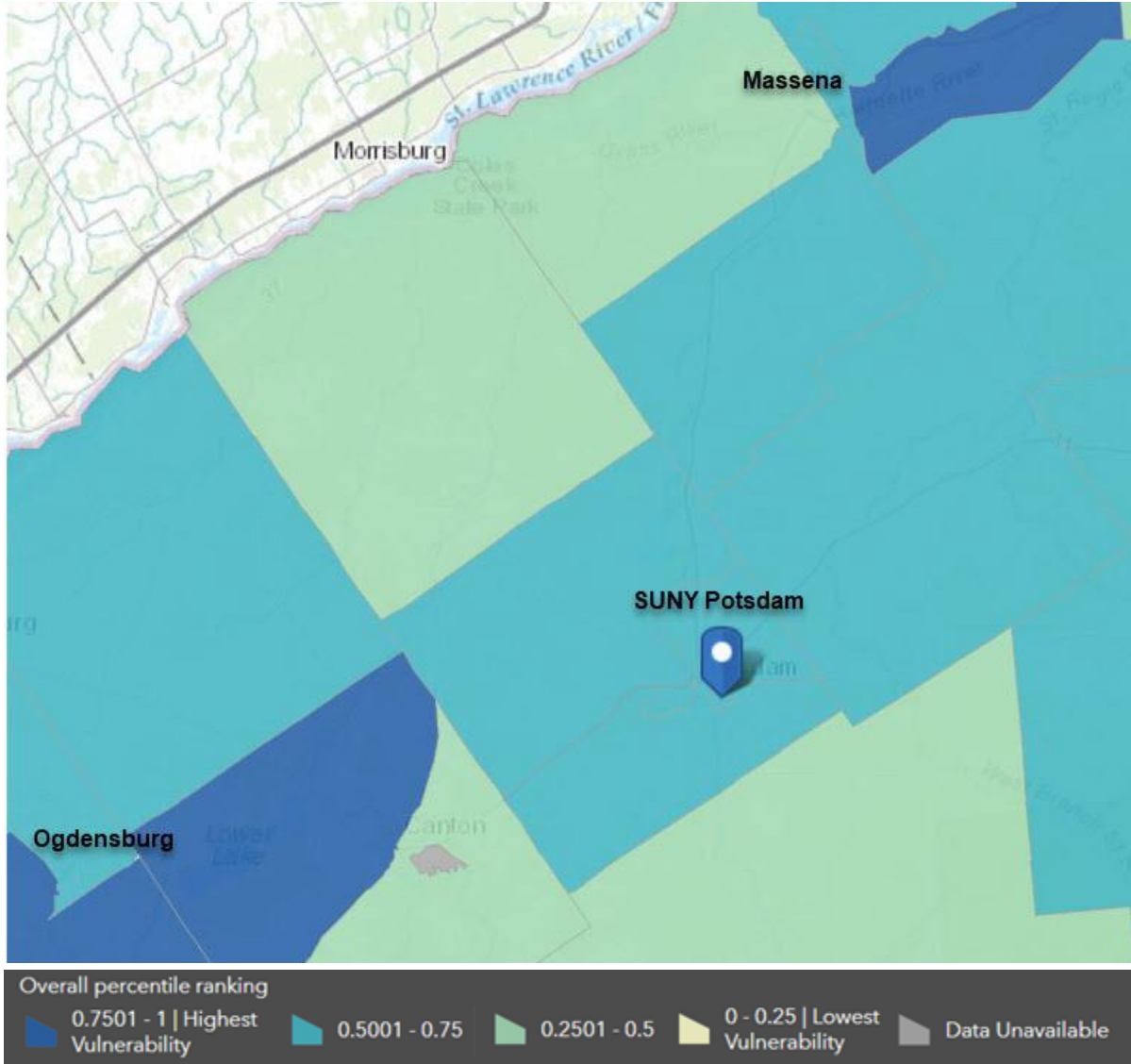
SUNY Potsdam – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Plattsburgh Airport
- Overall North Country vaccinations
- North Country 15+ population benchmark

Race	Vaccinated at Plattsburgh Airport	Overall North Country vaccinations	North Country 15+ population benchmark
White	96	98	91
African American	1	1	5
Asian	2	1	1
Other	1	1	3

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)	1,000 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

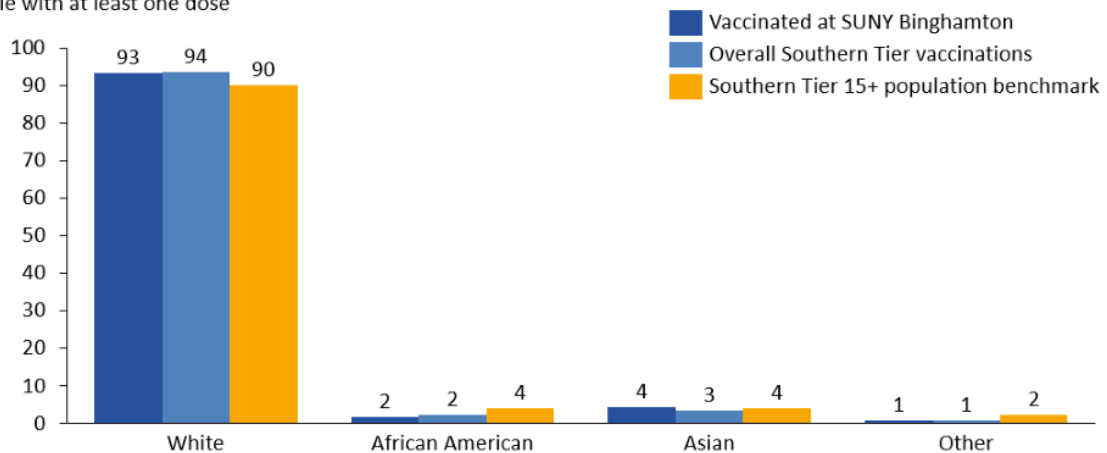 - Ogdensburg – 10k population, of which 22.7% lives in poverty

SUNY Binghamton, Broome County

Social Vulnerability Score

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

Vaccine Site Selection Rationale

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

- 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:

  o Binghamton – 44k population, of which 32.6% lives in poverty

  o Endicott – 13k population, of which 19.7% lives in poverty

  o Johnson City – 14k population, of which 20.3% lives in poverty
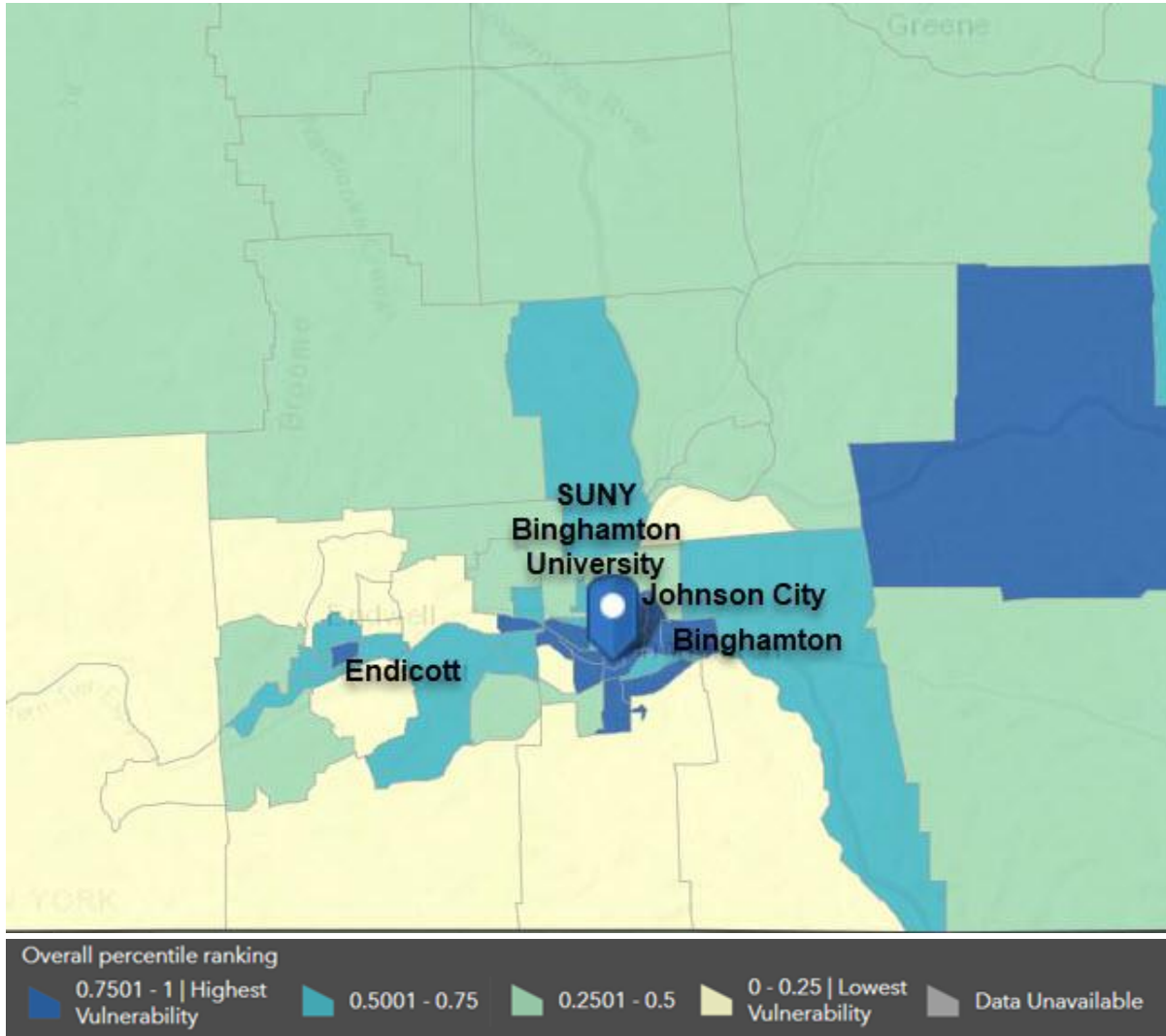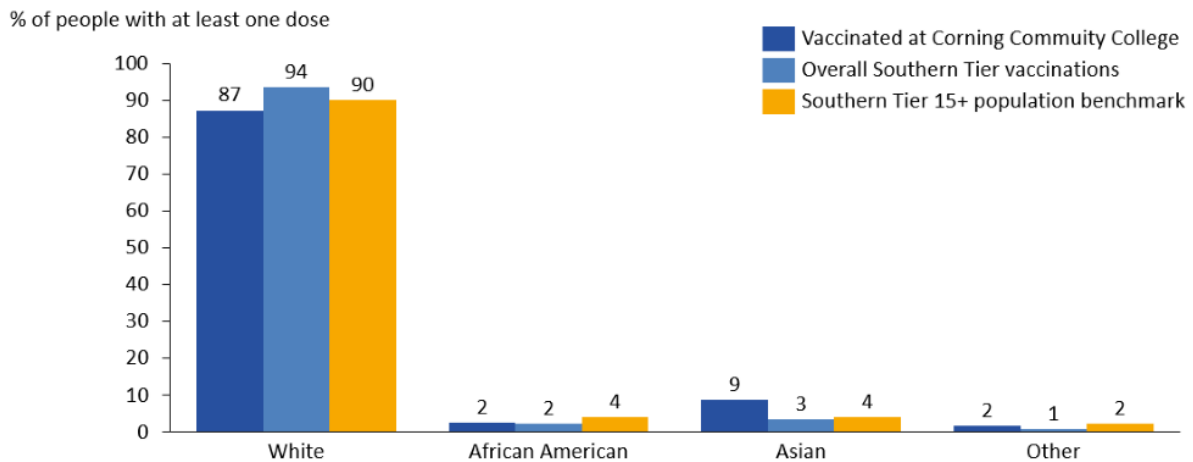
Corning Community College, Steuben County

Social Vulnerability Score

Weighted average score of **0.38** based on the CDC's Social Vulnerability Index.

## Corning Community College – Vaccinations by race

% of people with at least one dose

Legend:
- Vaccinated at Corning Commuity College
- Overall Southern Tier vaccinations
- Southern Tier 15+ population benchmark

Race	Vaccinated at Corning Community College	Overall Southern Tier vaccinations	Southern Tier 15+ population benchmark
White	87	94	90
African American	2	2	4
Asian	9	3	4
Other	2	1	2

Vaccine Site Selection Rationale

Location (address or coordinates)	Gymnasium and Wellness Education Center, 1 Academic Drive, Corning, NY 14830
Vaccine site type	Type 4
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.)

- 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:

  o 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:

    o Corning – 10k population, of which 16.5% live in poverty

    o Bath – 12k population, of which 17.1% lives in poverty

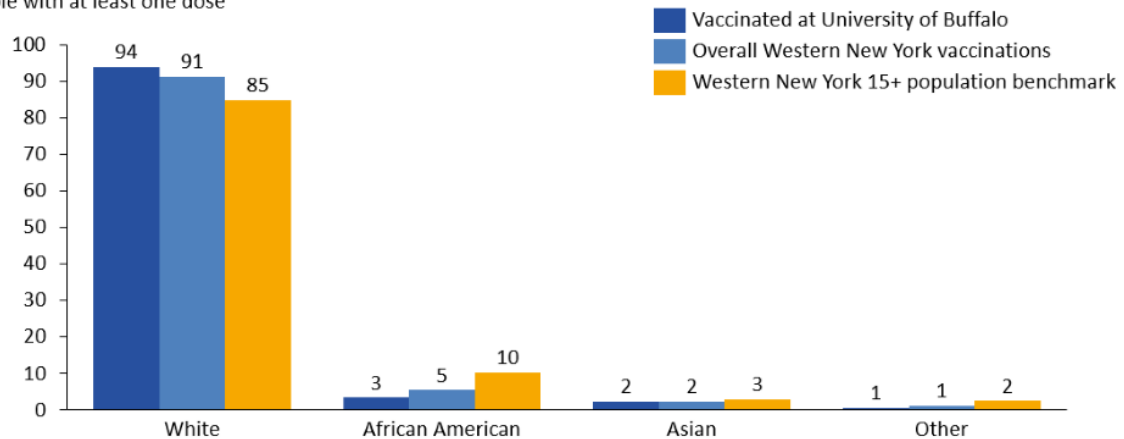   o Elmira – 27k population, of which 26.2% lives in poverty
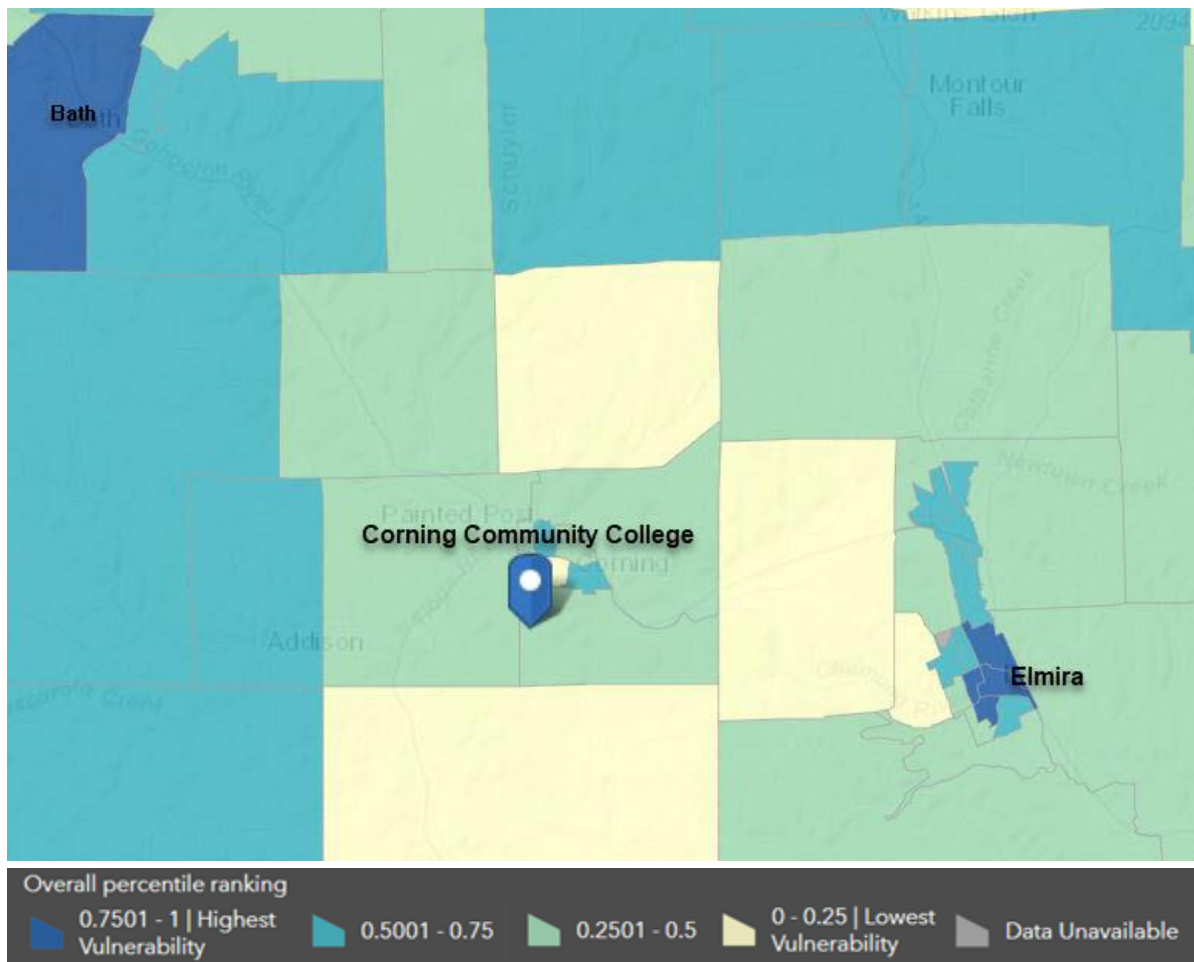
University of Buffalo, Erie County

Social Vulnerability Score

Weighted average score of **0.27** based on the CDC's Social Vulnerability Index.

University of Buffalo – Vaccinations by race
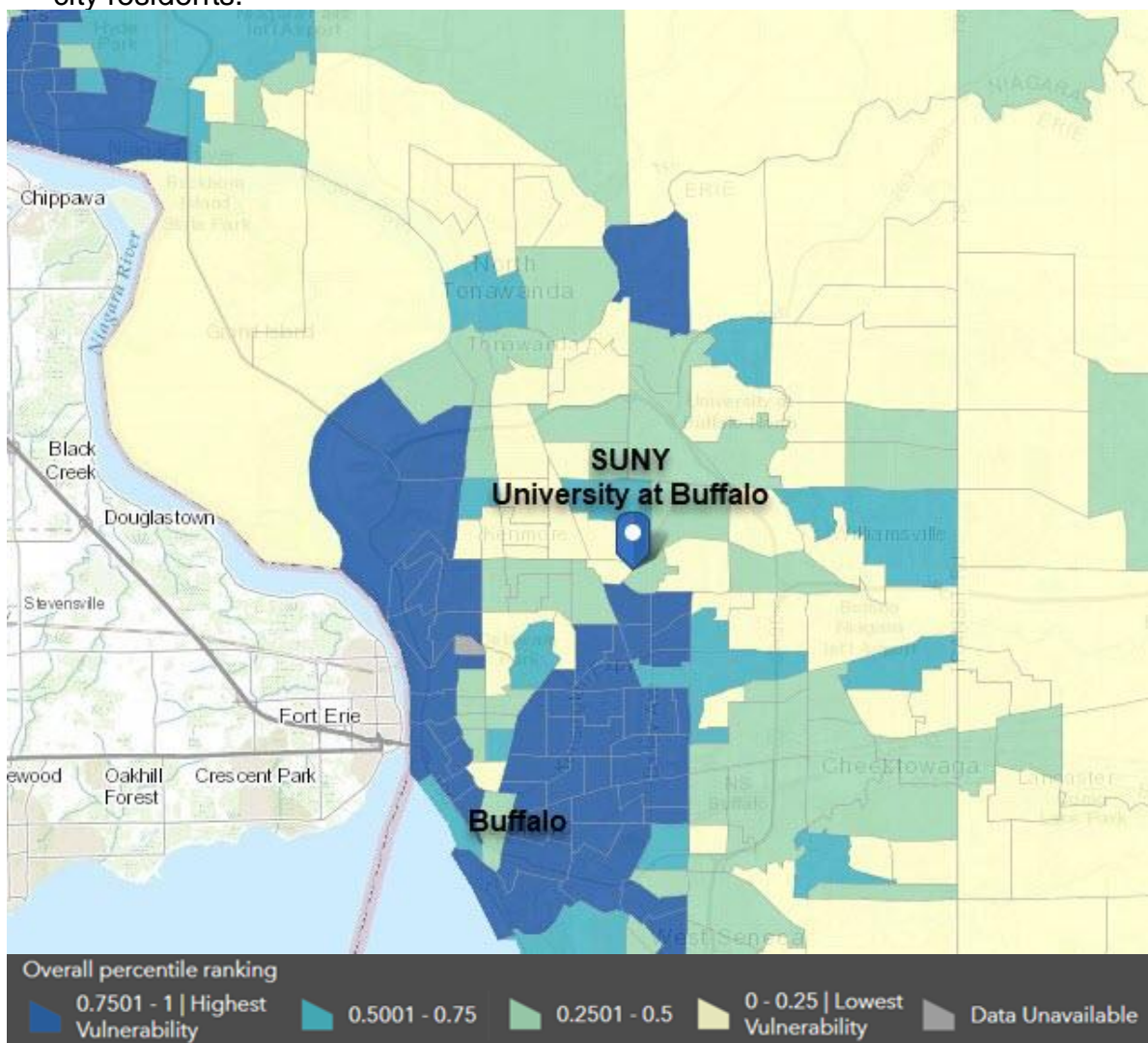
% of people with at least one dose

Legend:
- Vaccinated at University of Buffalo
- Overall Western New York vaccinations
- Western New York 15+ population benchmark

Race	Vaccinated at University of Buffalo	Overall Western New York vaccinations	Western New York 15+ population benchmark
White	94	91	85
African American	3	5	10
Asian	2	2	3
Other	1	1	2

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)	1,000 per day (avg.)

- Erie County is New York State's 8th most populous county with more than 900,000 people and contains the state' 2nd 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 a SVI rating over **80% of all of them are in Buffalo** (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.
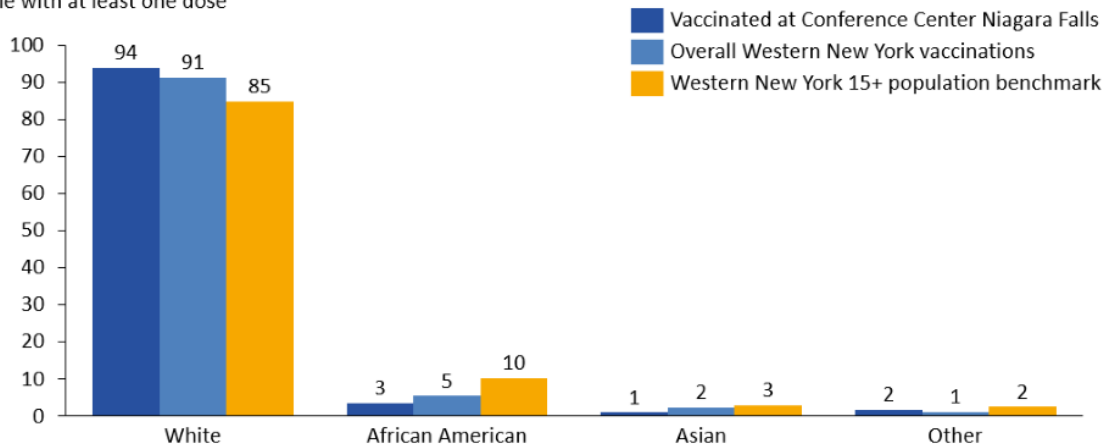
Conference Center of Niagara Falls, Niagara County

Social Vulnerability Score

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

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)	1,000 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.
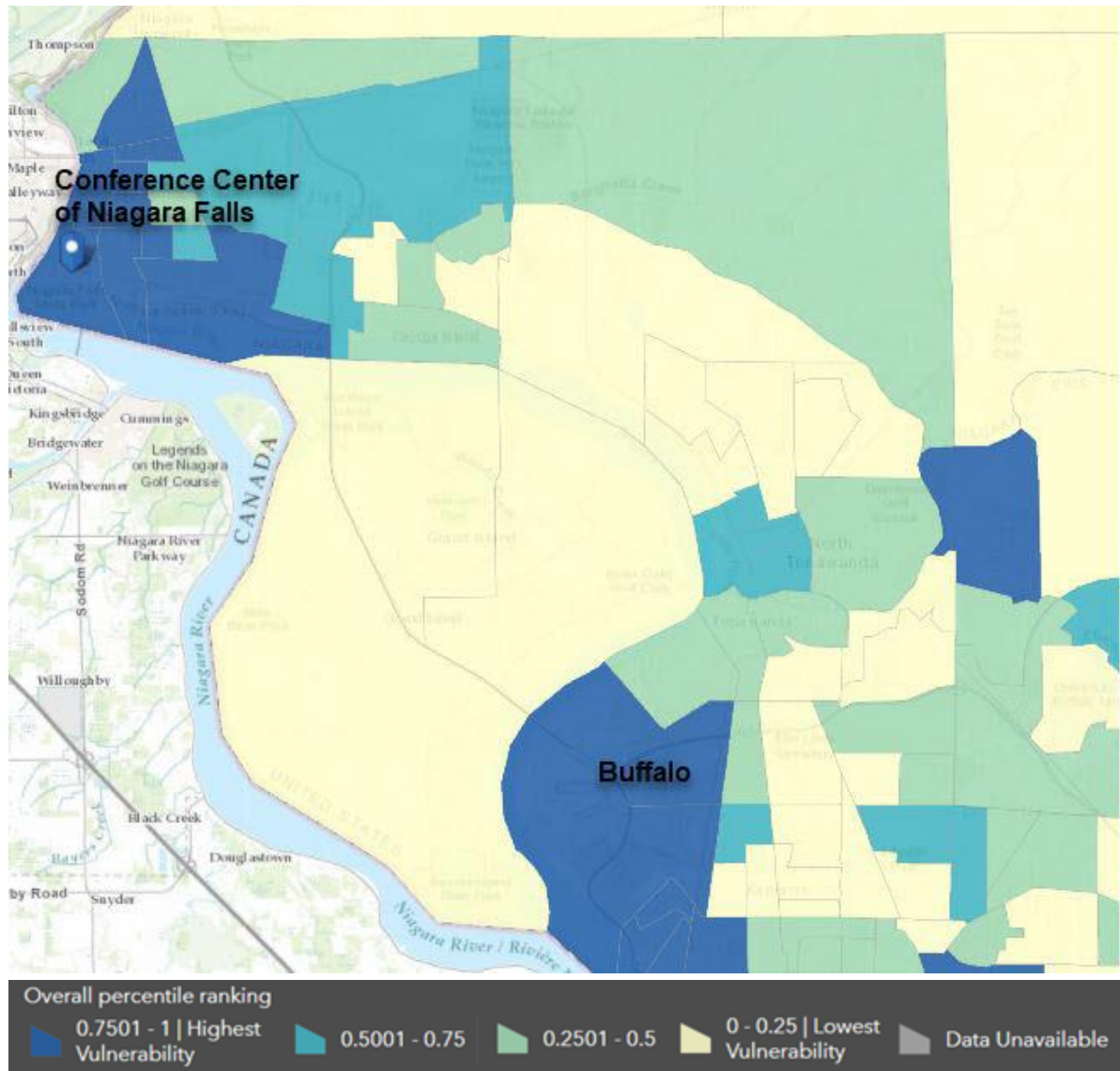
Community Popup Vaccination Program

To ensure equitable distribution of the COVID-19 vaccine, in January Governor Cuomo launched New York'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.

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.

To date, we have fully vaccinated nearly 80,000 people at more than 200 popup vaccination locations across New York State, including:

- 72 houses of worship

- 68 community centers and libraries

- 43 in public housing developments

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.

91 popups in NYC so far (48,616 doses allocated), including:

- 26 in Bronx (16,669 doses allocated), which has a county-wide SVI of .9927

- 25 in Brooklyn (16,829 doses allocated) which has a county-wide SVI of .8153

- 19 in New York County (6,173 doses allocated), which has a county-wide SVI of .551

- 14 in Queens (6,125 doses allocated), which has a county-wide SVI of .6201

- 7 in Richmond (2,820 doses allocated), which has a county-wide SVI of .4764

Hudson Valley:

24 popups in Hudson Valley (7,906 doses allocated)

- 13 in Westchester (5,386 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)

- 5 in Rockland County (1,050 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:

14 popups to date in Finger Lakes (3,152 doses allocated)

- 11 in Monroe County (2,492 doses allocated), all in the City of Rochester which has SVI over .8

- 2 in Ontario County (540 doses allocated) and 1 in Livingston County (120 doses allocated), to serve populations with limited access to health care.

Central NY:

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

- 7 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:

24 popups so far on Long Island (8480 doses allocated)

- 12 in Nassau County (3,945 doses allocated)

    o Across several areas with SVIs over .5, including Uniondale, Freeport, Hempstead, and Westbury.

- 12 in Suffolk County (4,535 doses allocated)

    o Across several areas with SVIs over .5 that have socioeconomic disparities, including Brentwood, Hampton Bays, and Patchogue.

Western NY:

16 popups so far in Western NY (4,420 doses allocated)

- 9 in Erie County (3,100 doses), 7 of which were in City of Buffalo which has SVI over .8

- 3 in Niagara County (520 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:

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

- 4 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

- 1 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:

8 popups so far in Southern Tier (1,686 doses allocated), including:

- 3 in Chemung County (420 doses allocated), all in Elmira which has SVI over .8

- 3 in Broome County (900 doses allocated), in Binghamton and Endicott which both have SVIs over .8

- 1 in each of Steuben County (166 doses allocated) and Tompkins County (200 doses allocated) to serve populations with limited access to health care.

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 upon outreach to be successful. Community leaders are regularly engaged to spread the word about vaccine efforts, and to help reduce hesitancy. 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.

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.

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 help them make an appointment if appointments are available.

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. 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).

Sites all have direct access to New York's Language Access Line, which provides telephonic translation services for individuals who do not speak English. 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 will also soon be translated into the languages listed above.

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 we continuously evaluate our mass vaccination efforts and community popup initiatives to ensure we are distributing vaccine equitably. 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.