

# COVID-19 Vaccine Data

(as of 09/20/2021 NMSIIS & Tiberius)

*Data is pulled from the New Mexico Statewide Immunization Information System (NMSIIS) and reflects data reported to date by NM COVID-19 vaccine providers and RTS*

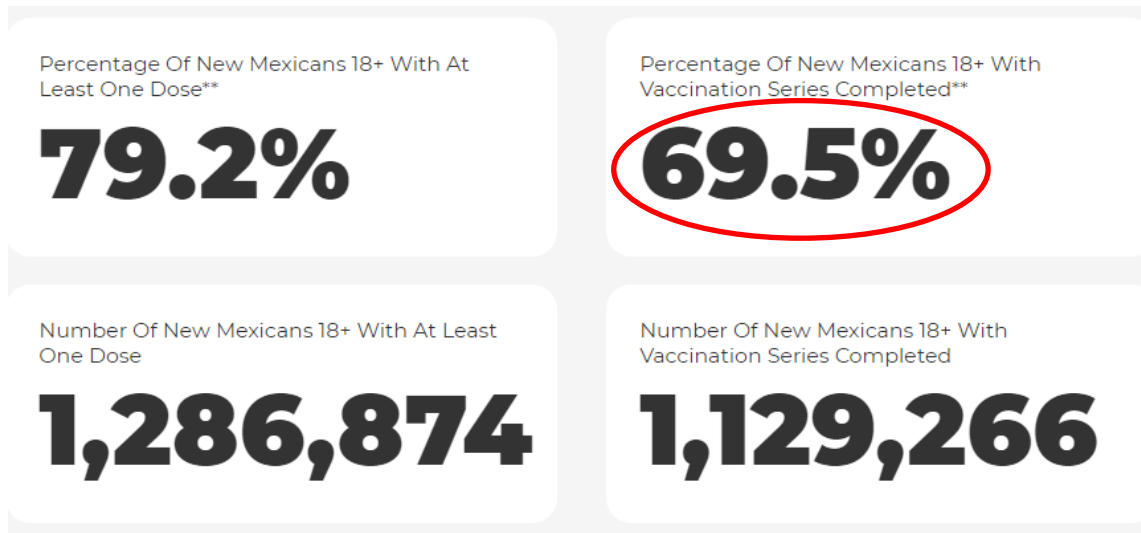
# Vaccine Mission

**Equitable** distribution of the COVID19 Vaccine to decrease morbidity and mortality from COVID19 and preserve societal functioning

# Vaccine Administration

To track doses administered for getting to goal of  
80% vaccinated herd immunity

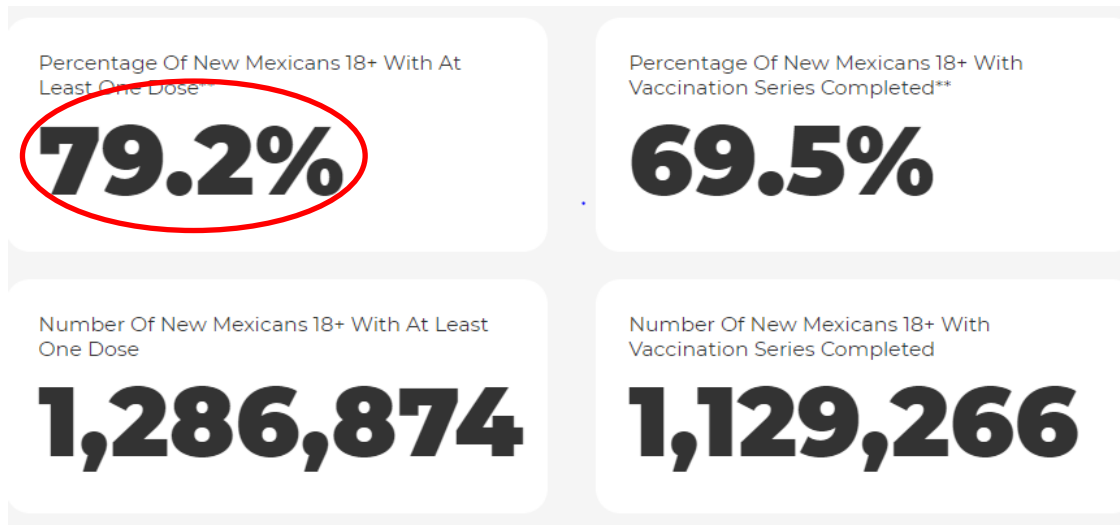
# State-wide Progress for 18+ fully vax



Week ending:	Weekly relative increase
9/17	1.2 % ↑
9/10	0.9 % ↑
9/3	0.8 %
8/27	1.5 % ↑
8/20	0.8 % ↑
8/13	0.7 %
8/6	0.8% --
7/30	0.8% ↑

\*\*\*Includes doses from the Indian Health Service, Veterans Administration, Department of Defense, Bureau of Prisons, and doses from other states administered to New Mexico residents

# State-wide Progress for 18+ at least 1 dose



Week ending:	Weekly relative increase
9/17	0.8 % ↑
9/10	0.7 %
9/3	0.9 %
8/27	1.6 % ↑
8/20	1.3% ↑
8/13	1.2 % ↑
8/6	1.1 % ↑
7/30	0.8 % ↑

\*\*\*Includes doses from the Indian Health Service, Veterans Administration, Department of Defense, Bureau of Prisons, and doses from other states administered to New Mexico residents

# State-wide Progress for ages 12 - 17

Percentage Of New Mexicans  
12-17 With At Least One Dose\*\*\*

**62.8%**

Number of New Mexicans 12-17  
With At Least One Dose\*\*\*

**104,735**

Percentage of New Mexicans  
12-17 With Vaccination Series  
Completed\*\*\*

**52.2%**

Number of New Mexicans 12-17  
With Vaccination Series  
Completed\*\*\*

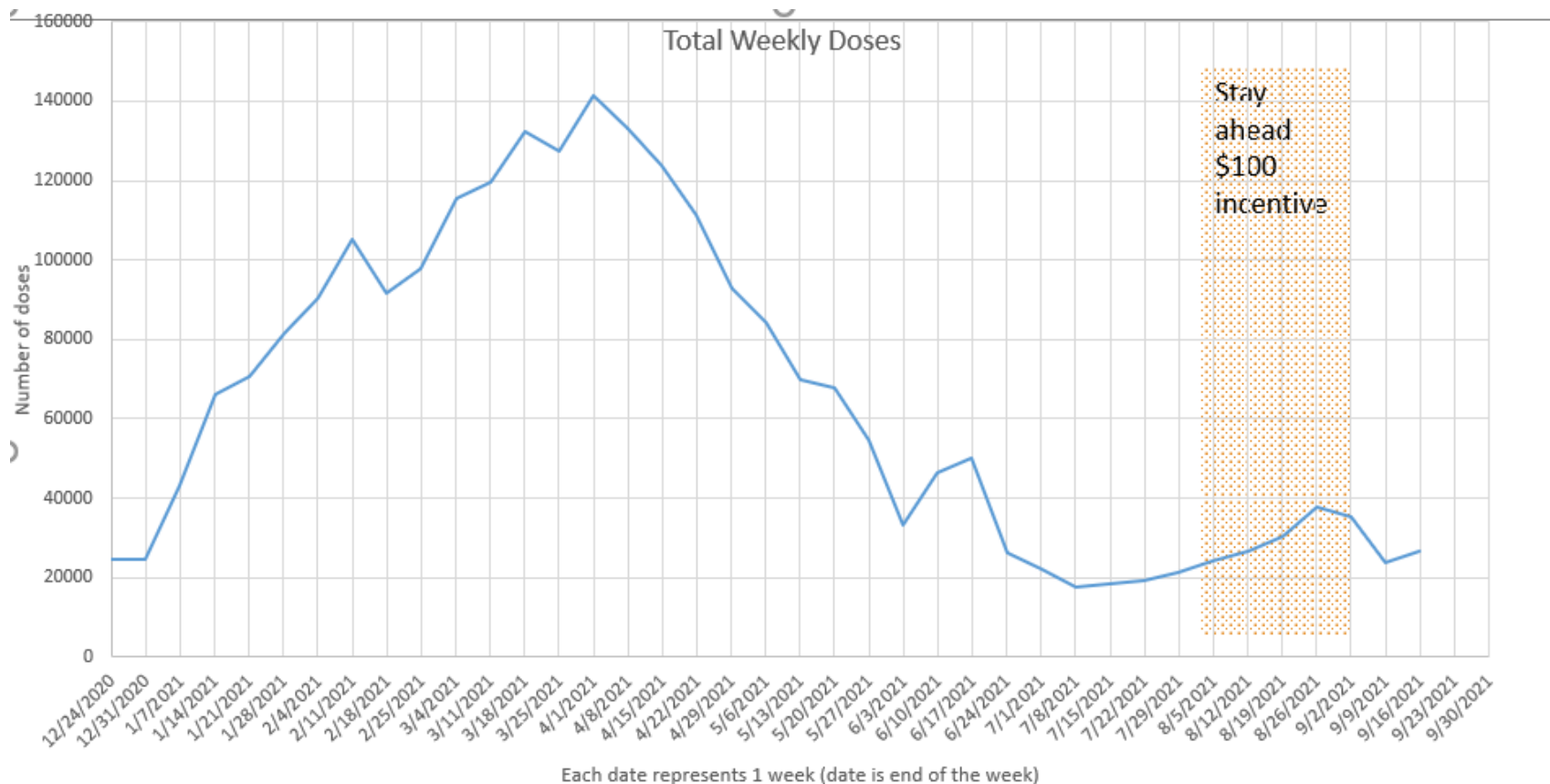
**87,146**

Week ending:	Weekly relative increase For "At Least 1 Dose"	Weekly relative increase for Fully Vaccinated
9/17	↑ 1.6 %	↑ 3.8 %
9/10	1.5 %	3.4 %
9/3	4.0 %	↑ 6.1 %
8/27	↑ 4.1 %	↑ 5.8 %
8/20	3.7 %	↑ 4.3 %
8/13	5.1 %	↑ 4.2 %
8/6	-- 5.8 %	3.7%
7/30	↑ 5.8%	↑ 4.1%
7/23	↑ 4.1 %	↑ 4.1%
7/16	↑ 3.3%	↑ 4.8%

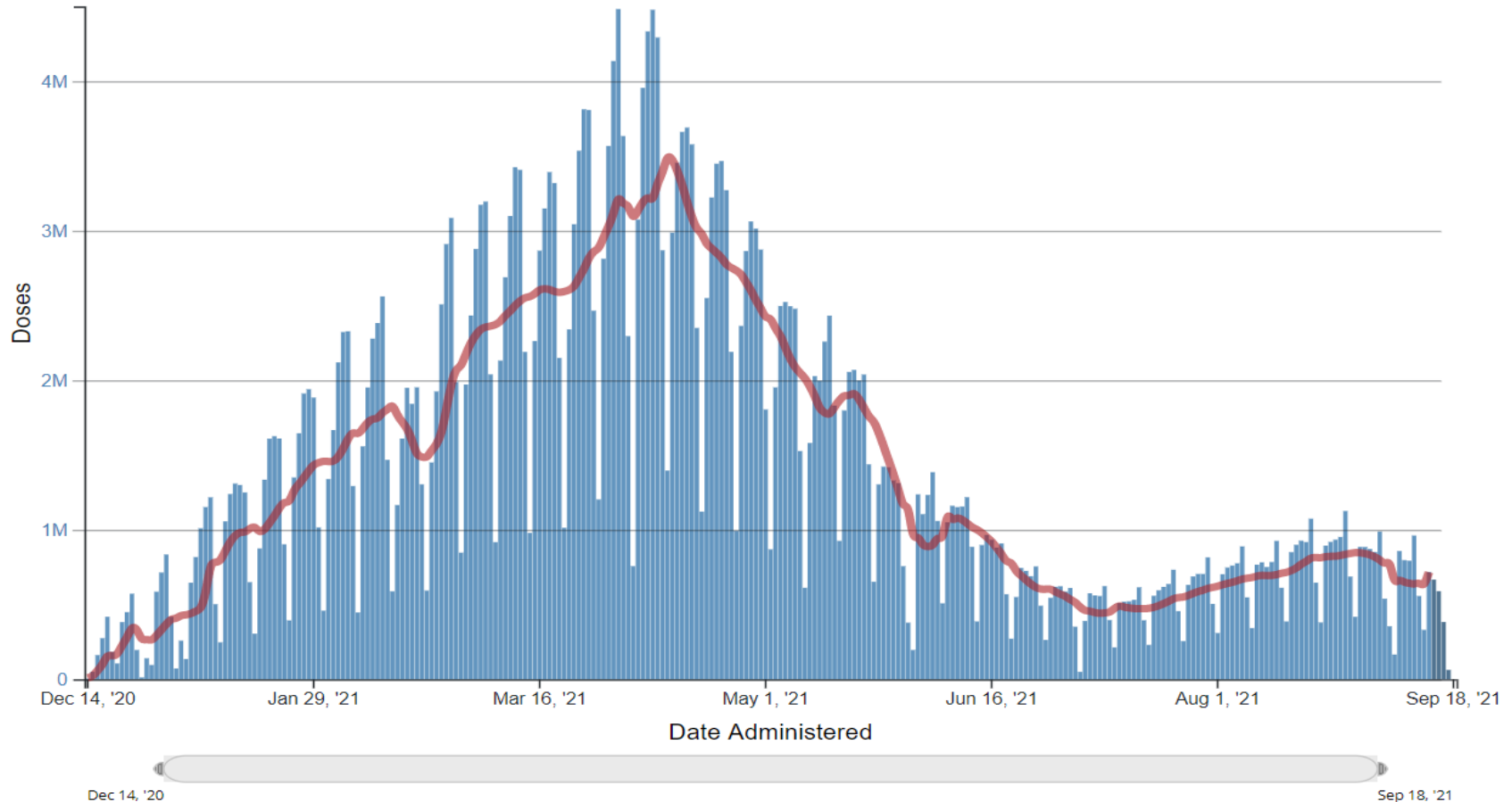
\*\*\*Includes doses from the Indian Health Service, Veterans Administration, Department of Defense, Bureau of Prisons, and doses from other states administered to New Mexico residents

Note: denominator changed 7/8/21 to align with CDC. Now reporting ages 12 – 17 and 18+

# Weekly COVID-19 vaccines administered in New Mexico since 12/24/20



# Weekly COVID-19 vaccines administered in the U.S. since 12/24/20





# Vaccine Equity

To track equity on age, race, and ethnicity

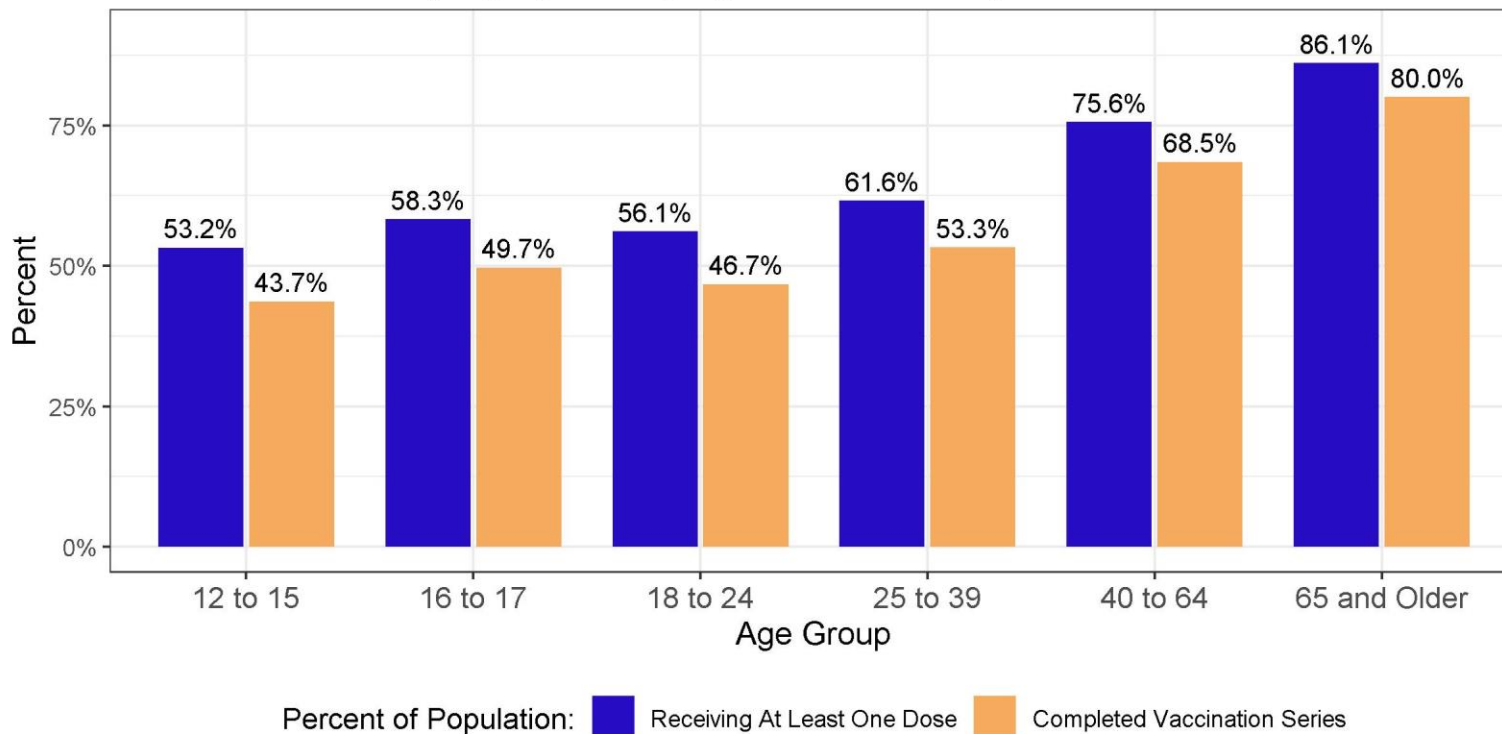
*Source for equity data:*

*Vaccination numbers: COVID-19 Daily Data Report from NMSIIS prepared by Katie Cruz (PHD),  
Gwendolyn Gallagher (PHD), Joshua Whaley, (PHD) and Elizabeth Davis (ERD)  
Analysis and graphs by Elizabeth Davis (ERD)*

# Vaccine Equity: Age

# Vaccination Status by Age - NMSIIS data

Vaccination Status by Age (NMSIIS), age based on today



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Federal data is not included; all vaccination rates shown are underestimates. The share of vaccine doses administered excludes 161 doses administered to individuals for whom age is unknown. Last refresh on 2021-09-17

# Vaccination Status by Age:

## Younger Age Groups Have Lower % ages Initiating and Completing Vaccination

**Vaccinations in New Mexico by Age Group** (NMSIIS, excludes doses to individuals living out of state)

Age Group	Cumulative Doses (all phases)	Population	Doses per 100 Population	People receiving at least one vaccine	Percent of Population Receiving at Least Vaccine	Fully vaccinated	Percent of Population Fully Vaccinated
12-15 years	115093	111,516	<b>103.2</b>	62742	56.3%	52195	46.8%
16-17 years	63314	55,318	<b>114.5</b>	33990	61.4%	29279	52.9%
18-24 years	196403	196,553	<b>99.9</b>	111695	56.8%	93504	47.6%
25-39 years	468607	420,690	<b>111.4</b>	261572	62.2%	227411	54.1%
40-64 years	884089	629,370	<b>140.5</b>	478511	76.0%	434488	69.0%
65+ years	605614	378,676	<b>159.9</b>	316628	83.6%	294485	77.8%

# Vaccination Uptake:

## Ages 12-24

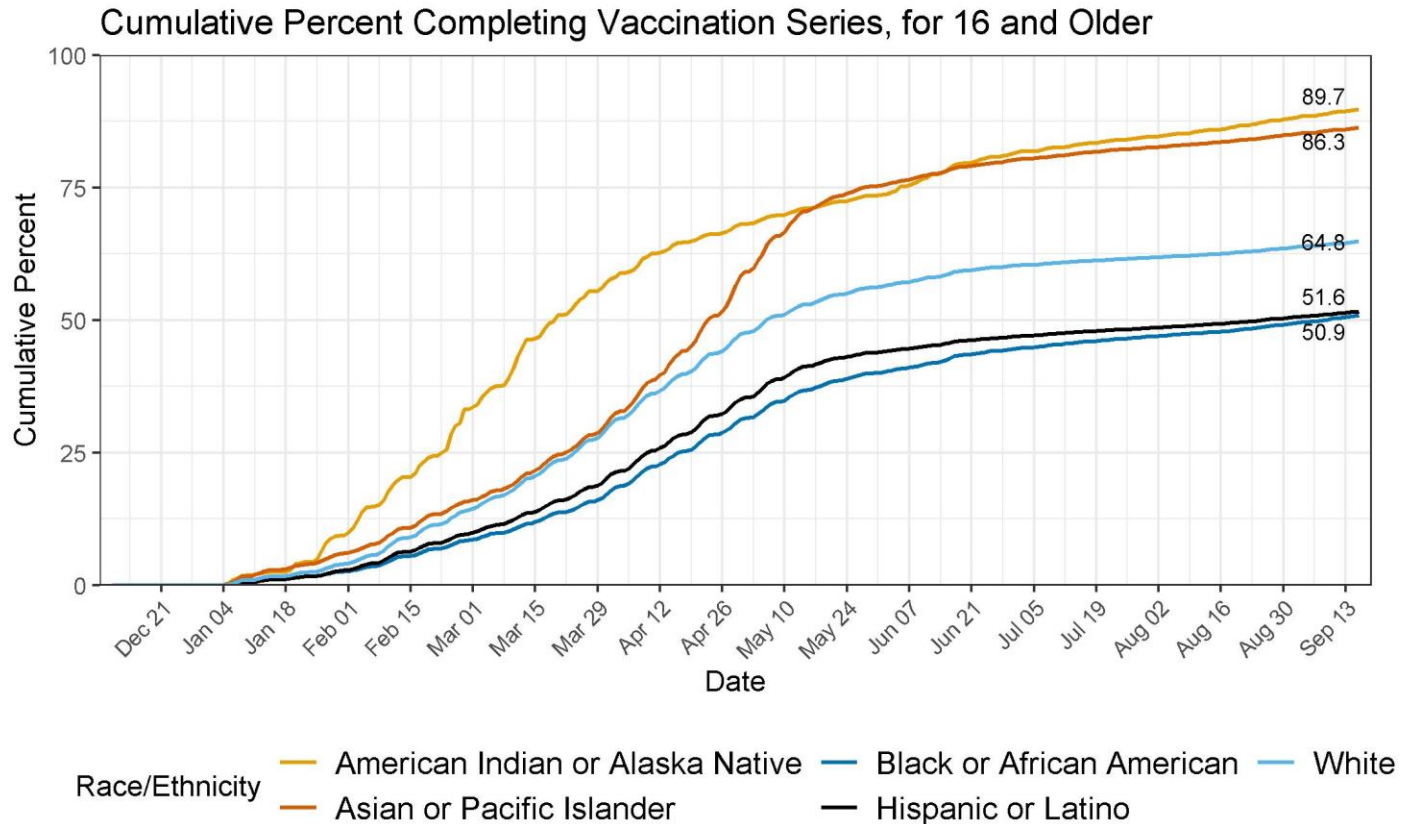
### Relative Increase in Vaccine Uptake /Week

Week ending	Number aged 12 – 24 fully vax	Relative percent increase from previous week	Number aged 12 – 24 with at least 1 dose	Relative percent increase from previous week
9/17	172,997	3.1 % ↑	207,415	1.5%
9/10	167,738	2.6 %	204,316	1.5 %
9/3	163,464	4.3 % ↑	201,324	3.7 % ↑
8/27	156,724	3.9% ↑	194,152	3.6% ↑
8/20	150,863	2.9 % ↑	187,376	3.2%
8/13	146,624	2.7 % ↑	181,474	3.7 %
8/6	142,817	2.5 %	174,910	3.9 % ↑
7/30	139,356	2.7% ↑	168,280	3.7% ↑
7/23	135,638	2.6%	162,263	2.6 % ↑

# Vaccine Equity: Age and Race/Ethnicity

# Vaccination Progress:

Hispanic, Latino, Black and African American Populations Amongst Lowest % Completing Vaccinations



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and Tiberius and include only residents of New Mexico.

# Vaccination Uptake:

## Hispanic and Latino Populations

### Relative Increase in Vaccine Uptake /Week

#### HISPANIC/LATINX

Week ending	Number <b>Latinx</b> fully vax (12+)	Relative percent increase	Number Latinx with at least 1 dose (12+)	Relative percent increase
9/17	411,619	1.5 % ↑	458,887	0.8 %
9/10	405,647	1.2 %	455,083	0.8%
9/3	400,997	2.1 % ---	451,383	2.2 % ↑
8/27	392,915	2.1% ↑	441,829	2.0 % ↑
8/20	384,743	1.2 % ↑	433,146	1.6 %
8/13	380,072	1.0 %	426,394	1.7 % ↑
8/6	376,165	1.1 % --	419,200	1.7 % ↑
7/30	372,101	1.1 % ↑	412,272	1.6 % ↑



# Vaccination Uptake:

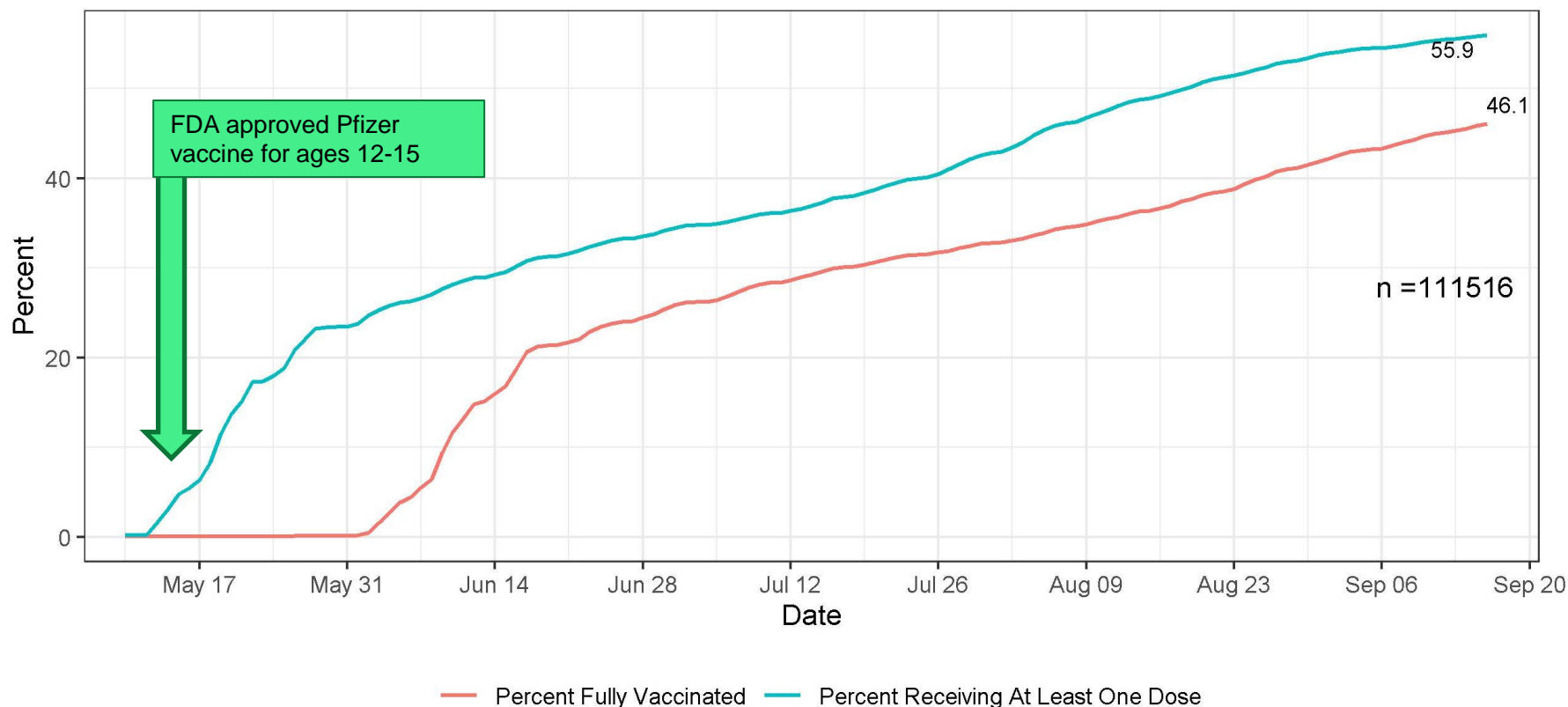
Black/African American Populations  
Relative Increase in Vaccine Uptake /Week

## BLACK/AFRICAN AMERICAN

Week ending	Number African Americans fully vax (12+)	Relative percent increase	Number African Americans with at least 1 dose (12+)	Relative percent increase
9/17	18,255	1.8 % ↑	20,761	1.1 %
9/10	17,932	1.5 %	20,530	1.1 %
9/3	17,665	2.2 %	20,308	2.6 % ---
8/27	17,281	2.5 % ↑	19,797	2.6% ↑
8/20	16,861	1.5 % ↑	19,289	2.3 %
8/13	16,620	1.3 %	18,856	2.4% ↑
8/6	16,414	1.5 % --	18,415	2.1 % ↑
7/30	16,179	1.5 % ↑	18,040	1.9 % ↑

# Vaccination Progress: Ages 12-15

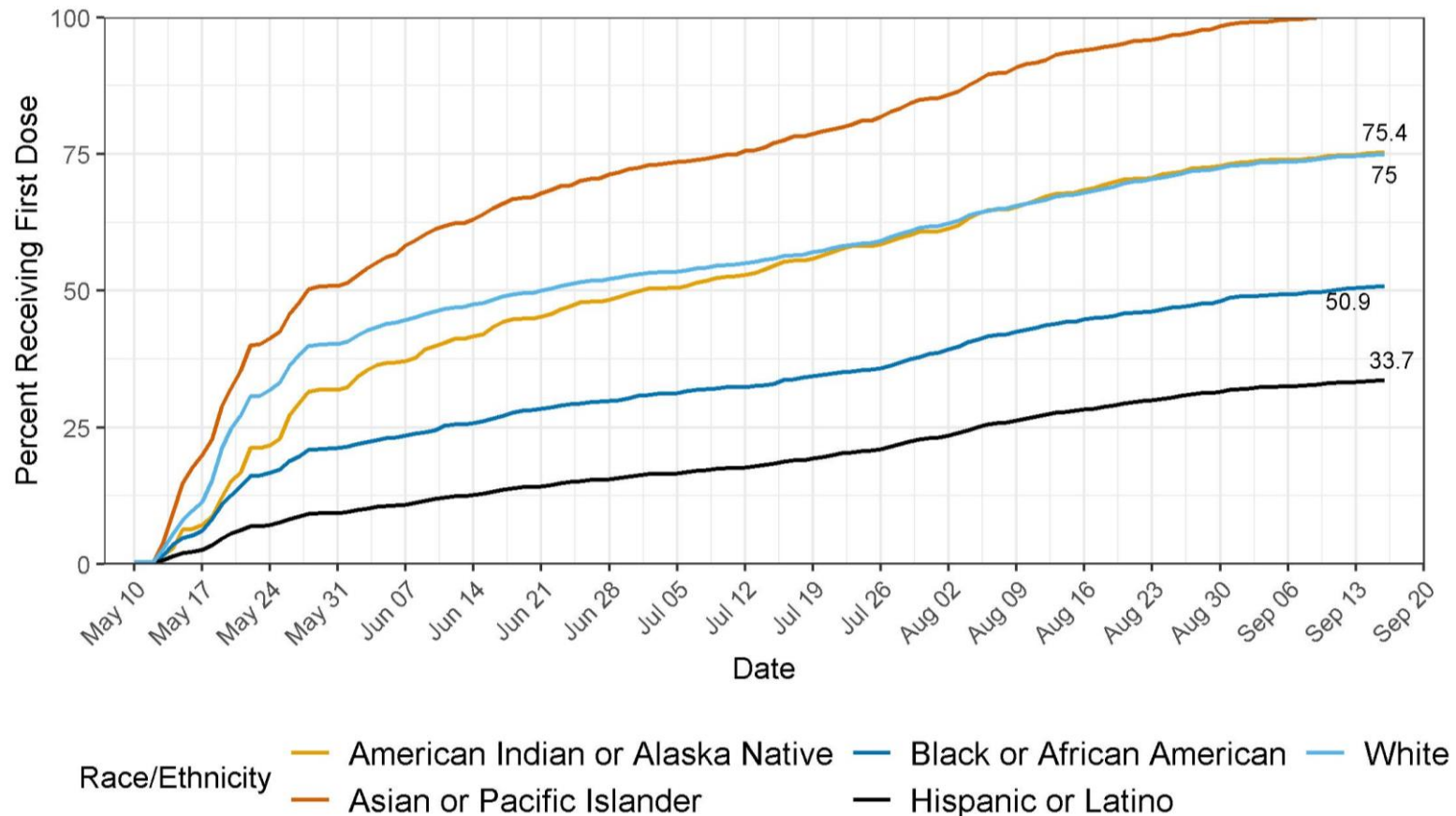
Cumulative % Receiving First Dose



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.

# Vaccination Progress Race/Ethnicity:

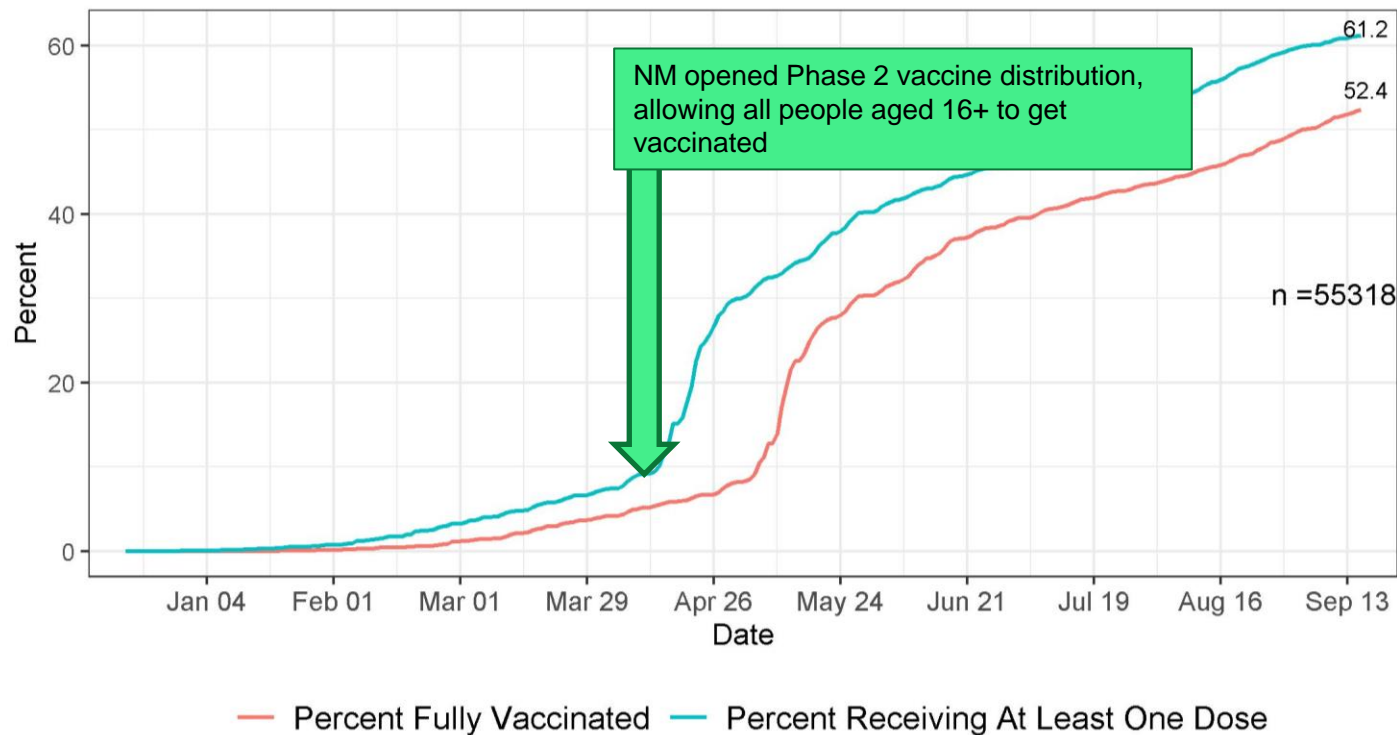
Cumulative % Receiving First Dose: Ages 12-15



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.

# Vaccination Progress: Ages 16-17

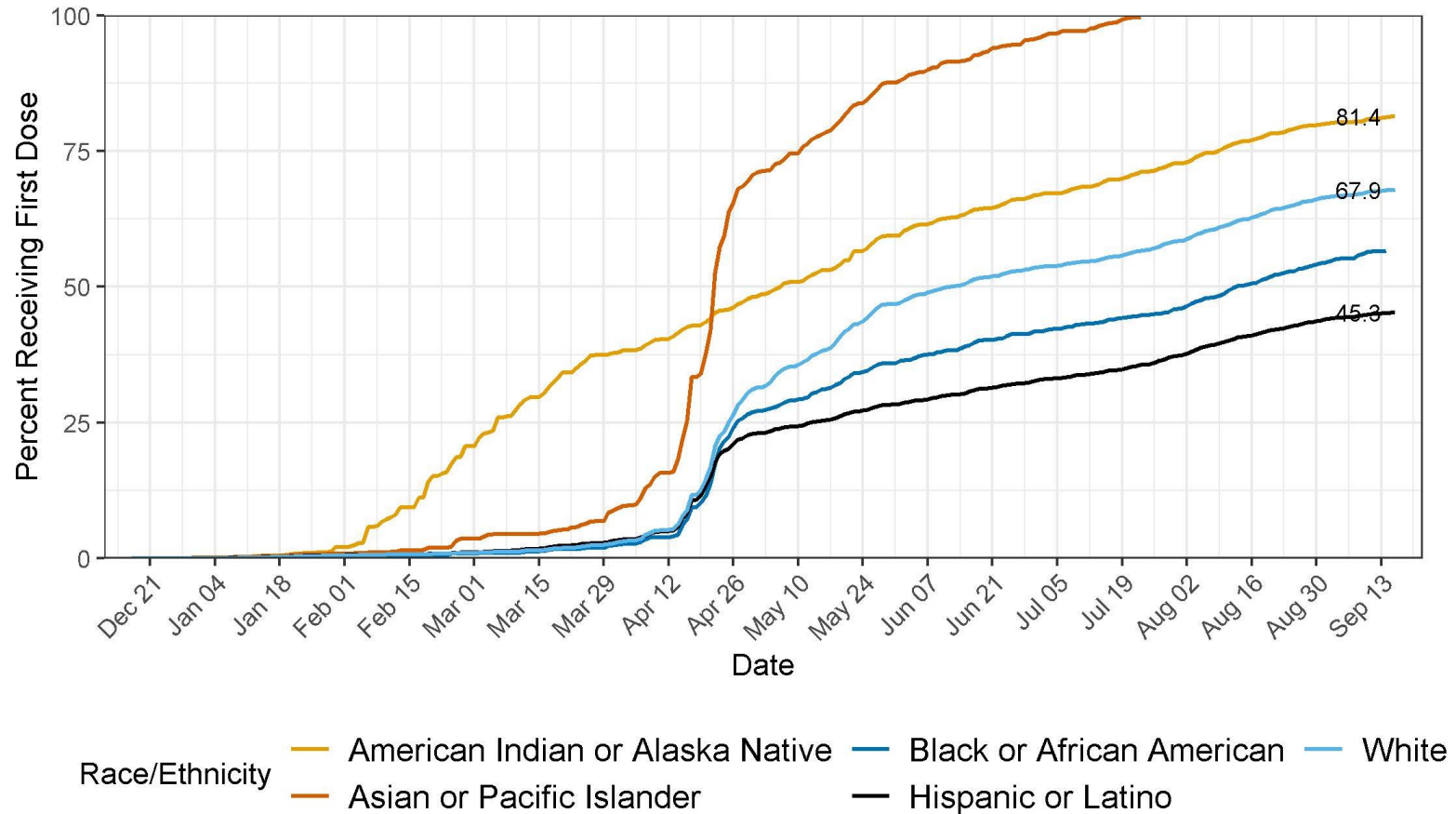
## Cumulative % Receiving First Dose



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.

# Vaccination Progress Race/Ethnicity:

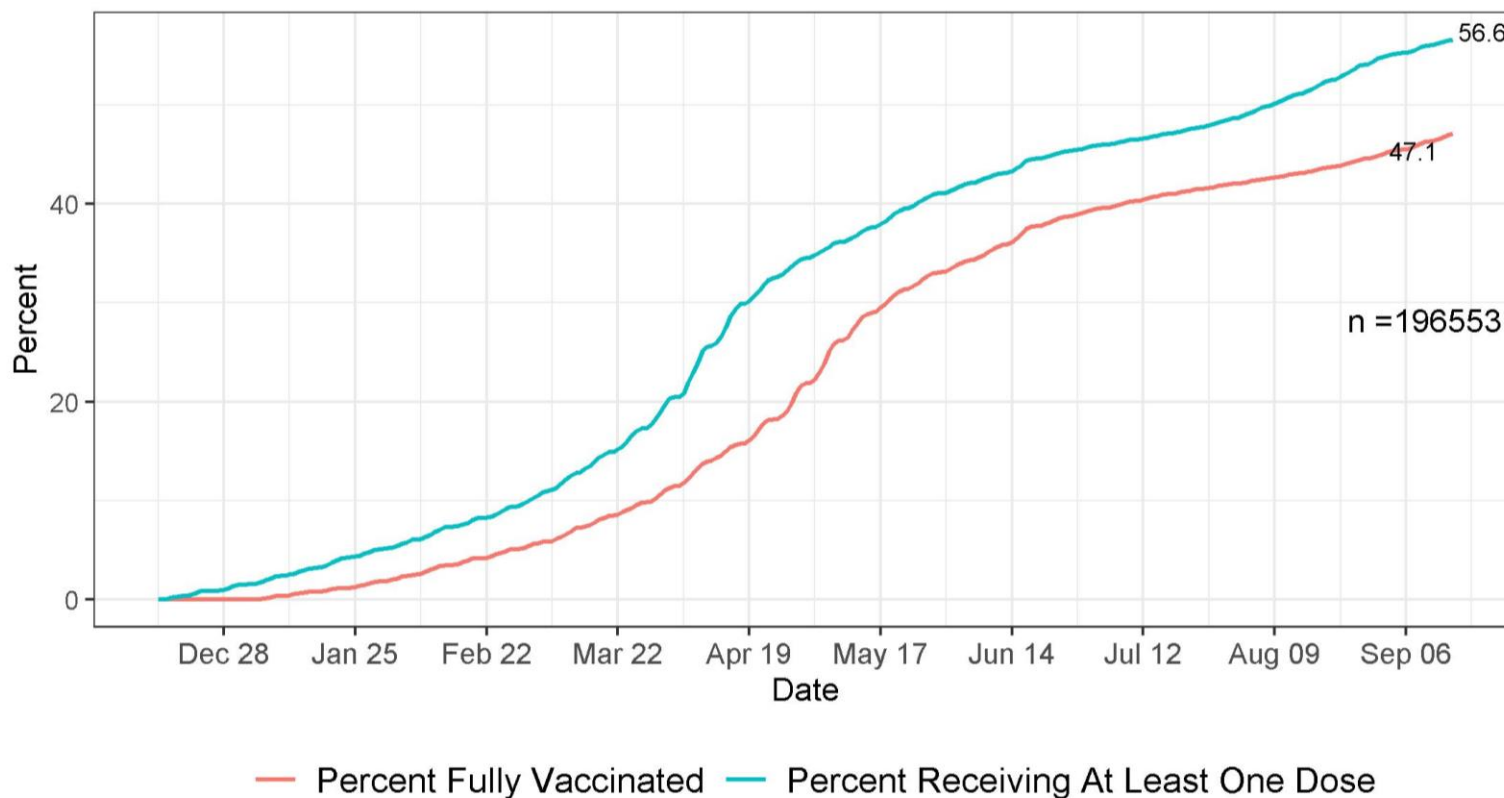
Cumulative % Receiving First Dose: Ages 16-17



Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.

# Vaccination Progress: Ages 18-24

## Cumulative % Receiving First Dose

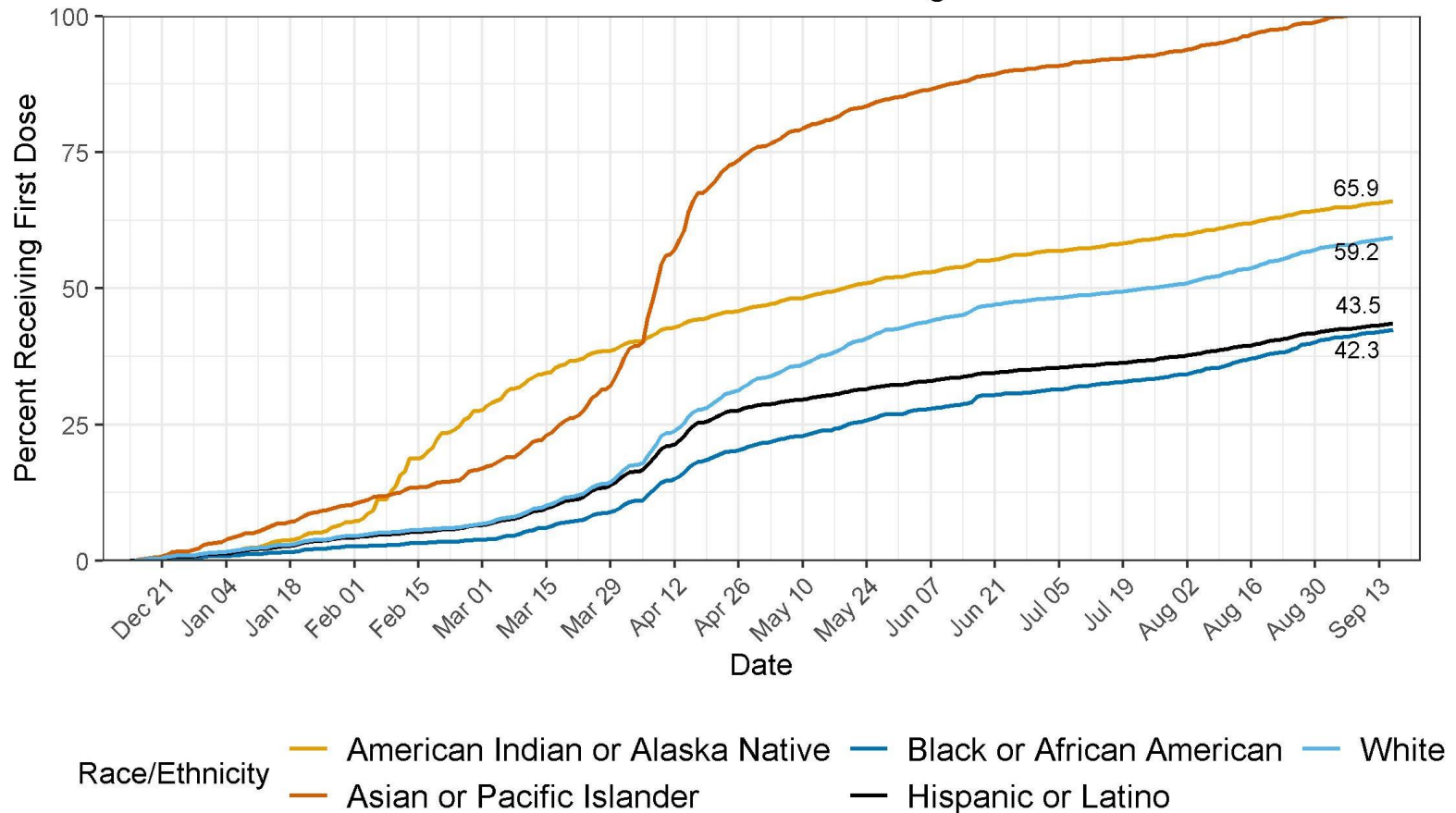


Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.



# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 18-24



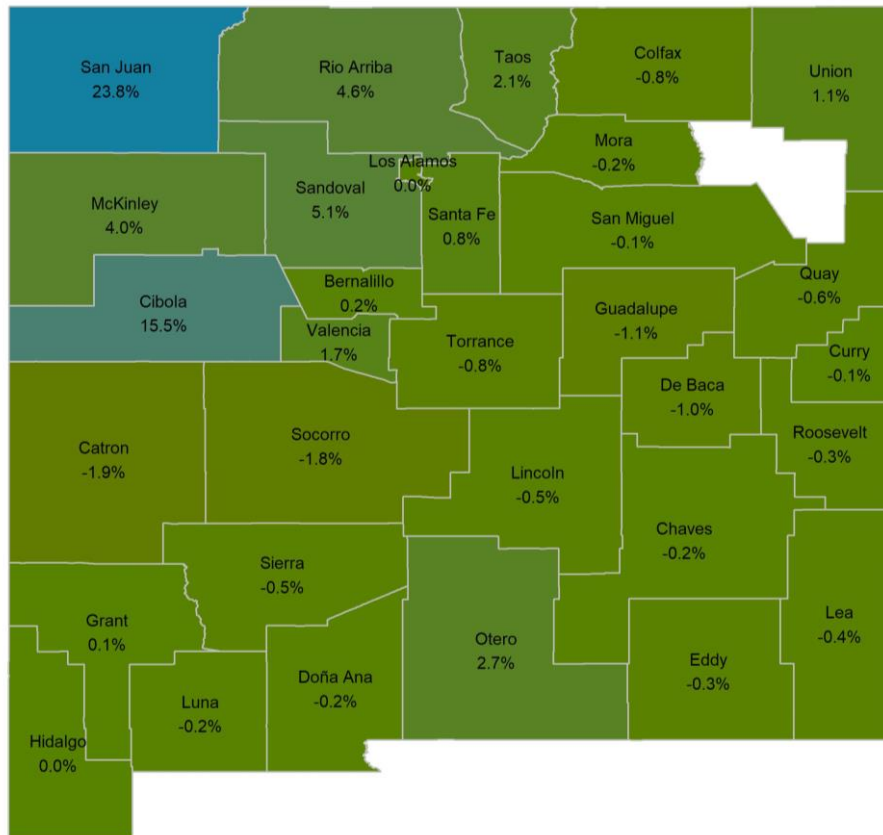
Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico.

# Vaccine Equity: Race/Ethnicity and Geography



# Geographic Vaccine Disparity by Race/Ethnicity

## American Indian or Alaskan Natives



How to read this slide:

In San Juan County, the share of vaccination for AI/AN is 23.9% higher than the 'share' (proportion) of population.

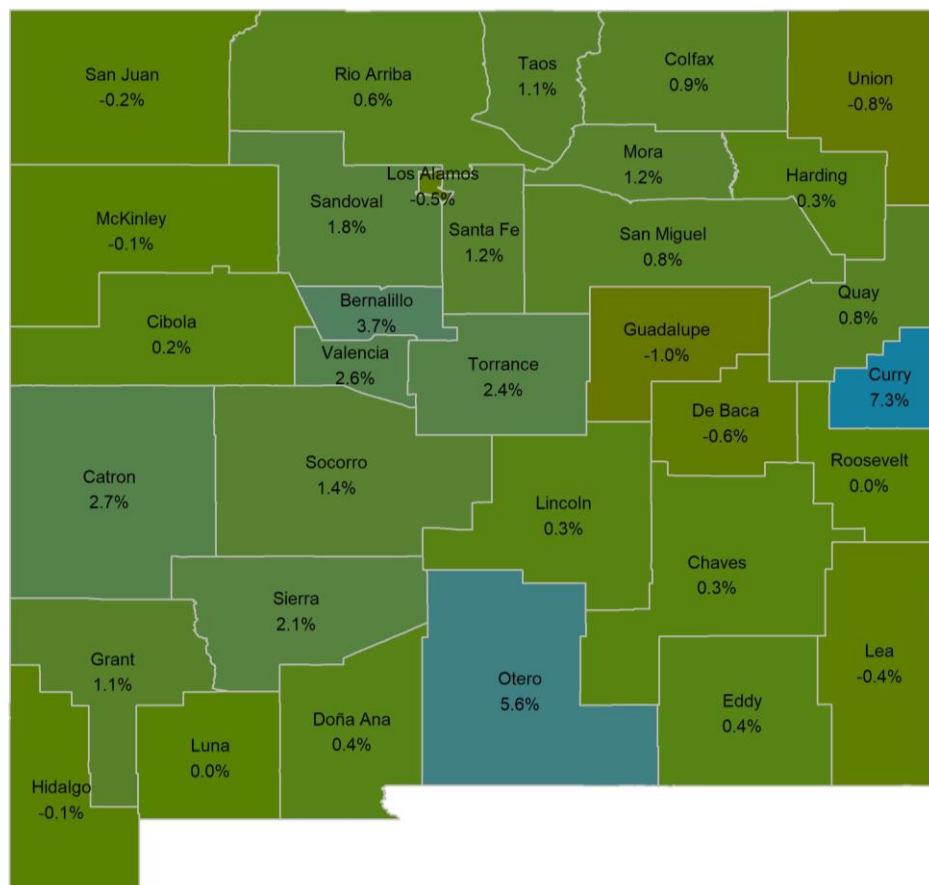
In Catron County, the share of vaccination for AI/AN is 1.9% lower than the 'share' (proportion) of population.

Vaccine Disparity  
(Share of Vaccine - Share of Population)



# Geographic Vaccine Disparity by Race/Ethnicity

## Black or African American

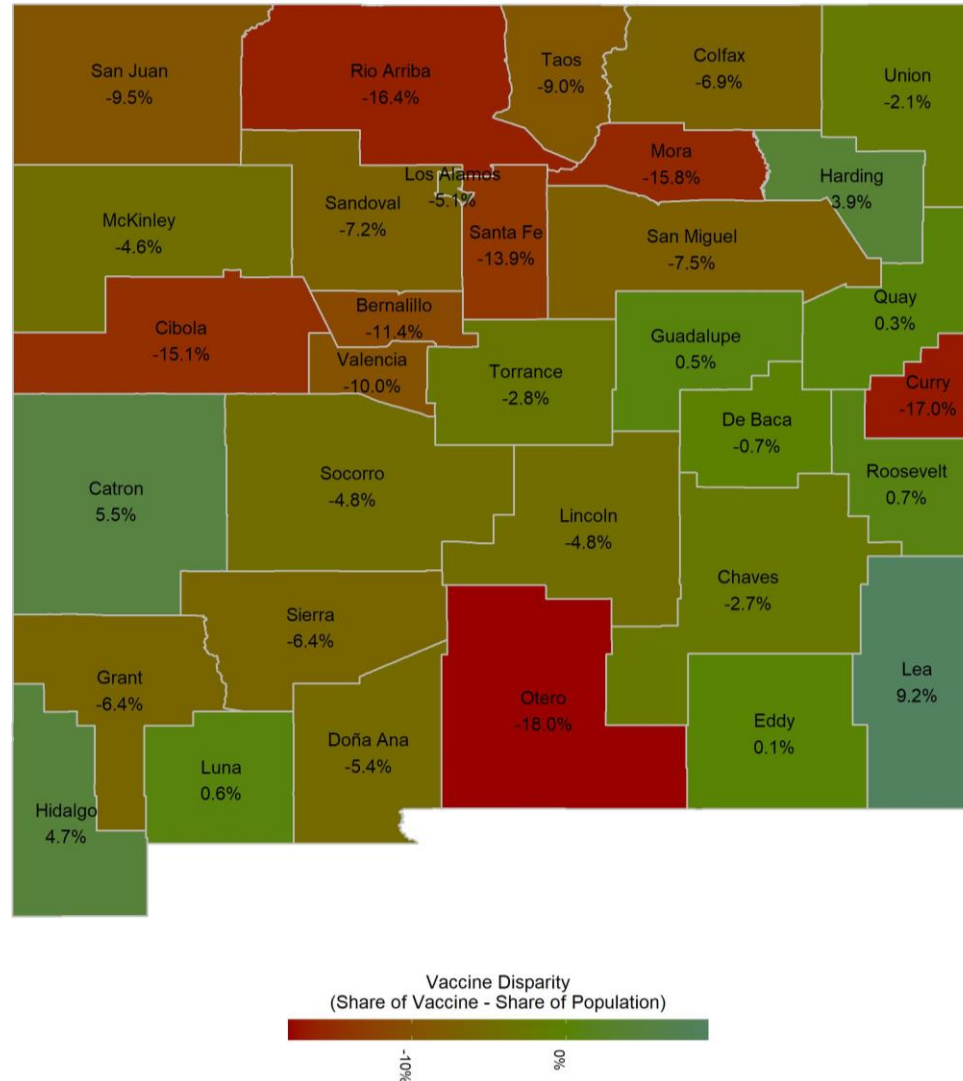


Vaccine Disparity  
(Share of Vaccine - Share of Population)

0.0% 2.0% 4.0% 6.0%

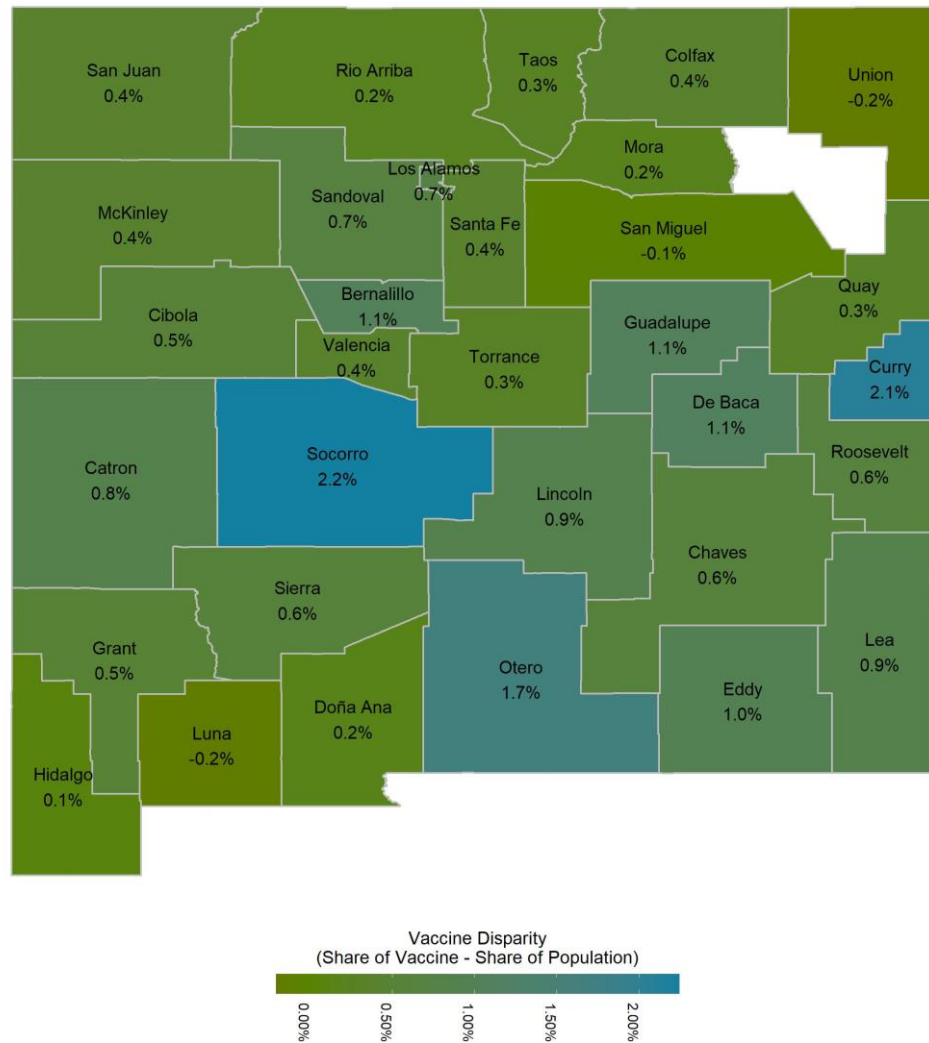
# Geographic Vaccine Disparity by Race/Ethnicity

## Hispanic or Latino



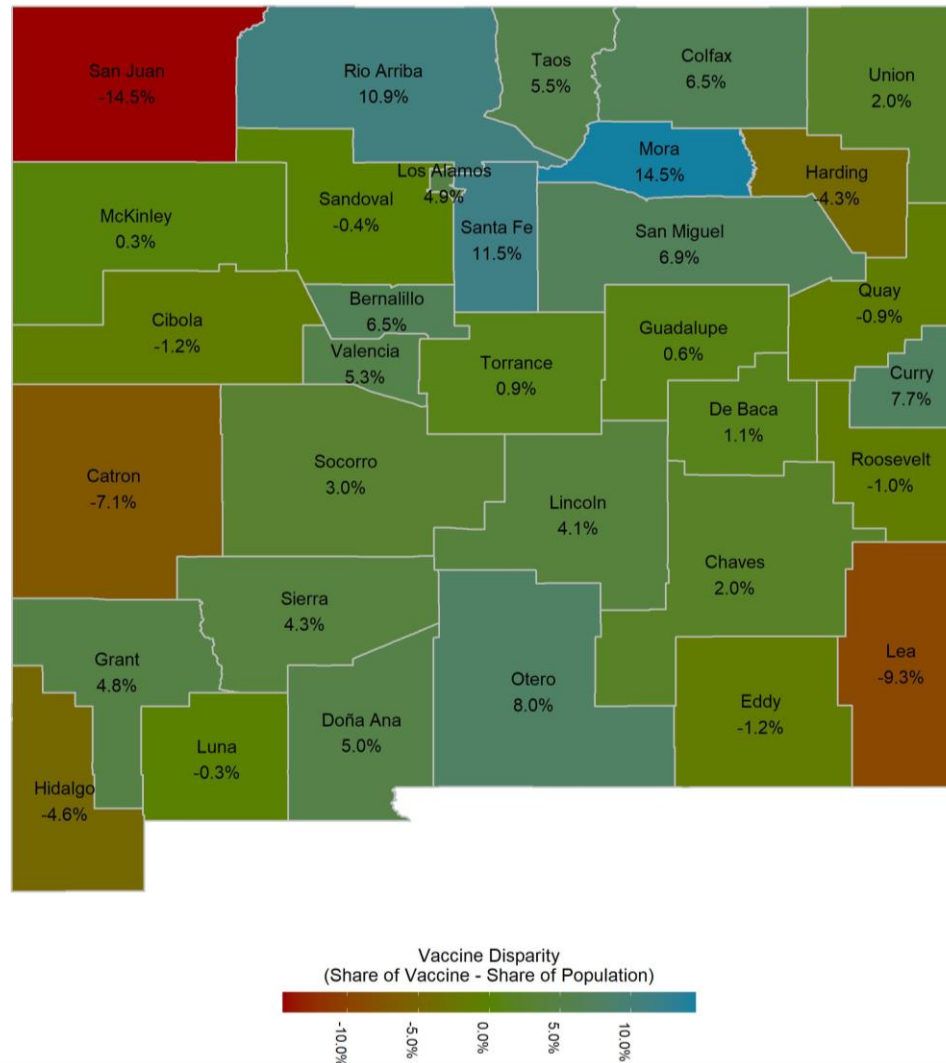
# Geographic Vaccine Disparity by Race/Ethnicity

## Asian or Pacific Islanders



# Geographic Vaccine Disparity by Race/Ethnicity

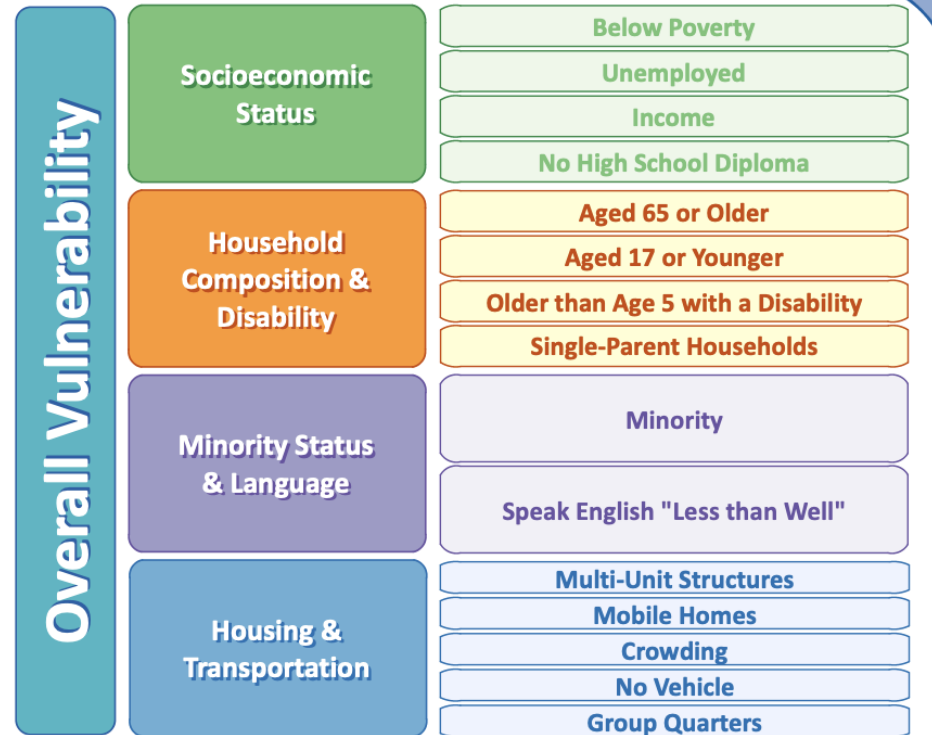
## White



# Vaccine Equity: Social Vulnerability Index (SVI)

# Social Vulnerability Index (SVI)

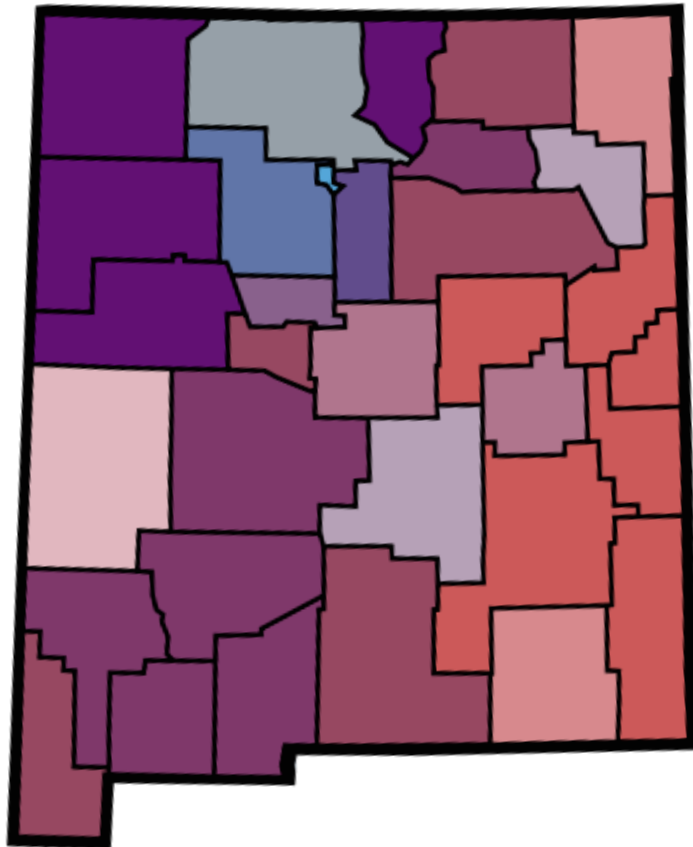
- **Social Vulnerability Index:** Uses U.S. Census Data to Determine Relative social Vulnerability of each Census tract
- Based on four related themes: socioeconomic status; household composition and disability; minority status & language; housing and transportation
- 1.0 =highest vulnerability
- 0 =Lowest vulnerability



Along with the rankings, the SVI databases include all the census variables listed above. Graphic adapted from the North Carolina Preparedness and Emergency Response Research Center.

CDC: SVI: <https://www.atsdr.cdc.gov/placeandhealth/svi/index.html>

# CDC COVID-19 Vaccination Equity: SVI



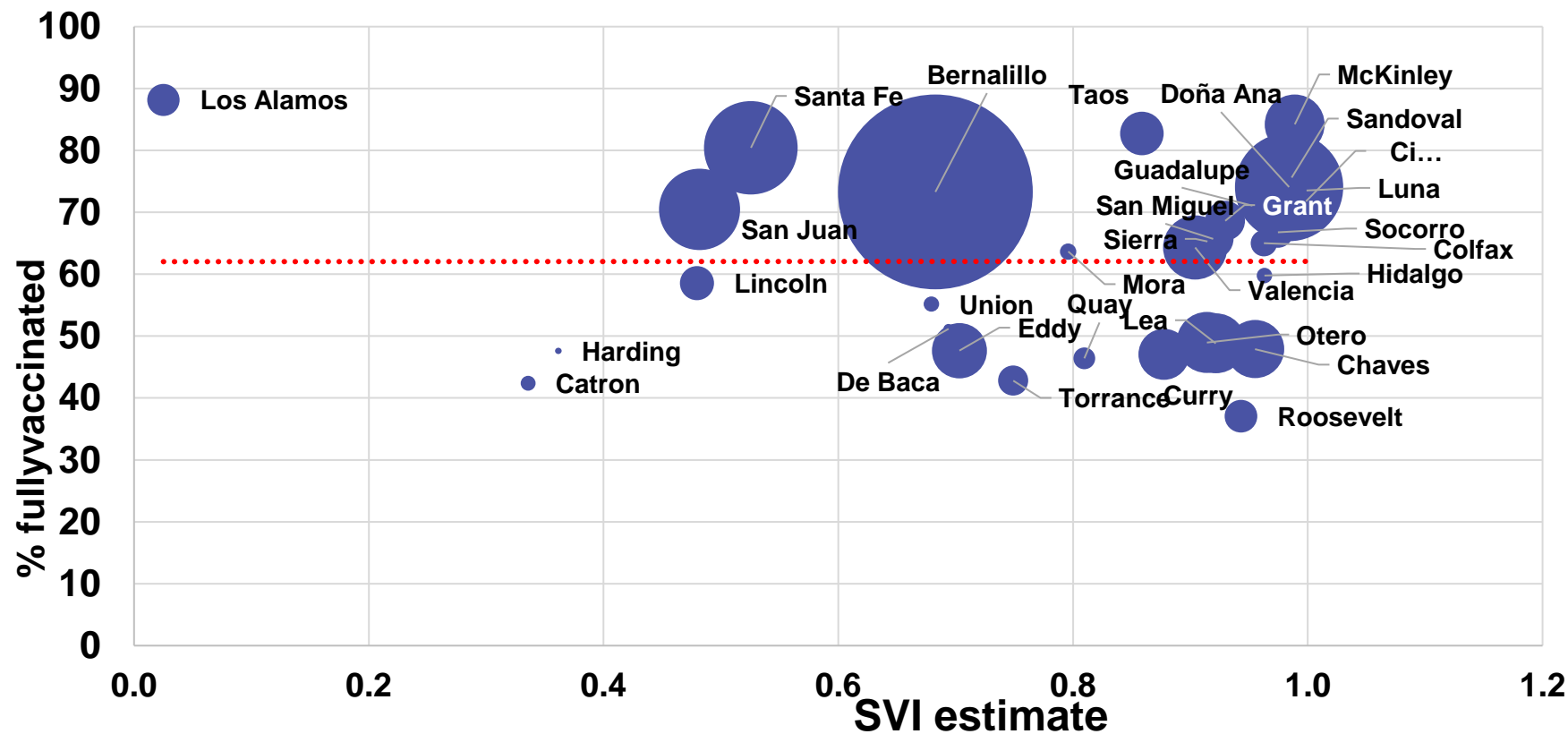
*\*Counties with lower reporting completeness for vaccination coverage should be interpreted with caution.*

Vaccination Coverage (VC)	0-0.25	0.2501-0.50	0.5001-0.75	0.7501-1.0
50%-99.9%	Low SVI High VC	Low-Mod SVI High VC	Mod-High SVI High VC	High SVI High VC
40-49.9%	Low SVI Mod-High VC	Low-Mod SVI Mod-High VC	Mod-High SVI Mod-High VC	High SVI Mod-high VC
30-39.9%	Low SVI Low-Mod VC	Low-Mod SVI Low-Mod VC	Mod-High SVI Low-Mod VC	High SVI Low-Mod VC
0-29.9%	Low SVI Low VC	Low-Mod SVI Low VC	Mod-High SVI Low VC	High SVI Low VC
	0-0.25	0.2501-0.50	0.5001-0.75	0.7501-1.0
	Social Vulnerability Index (SVI)			

CDC COVID Data Equity Tracker: <https://covid.cdc.gov/covid-data-tracker/#vaccination-equity>



# % Vaccination and SVI by County



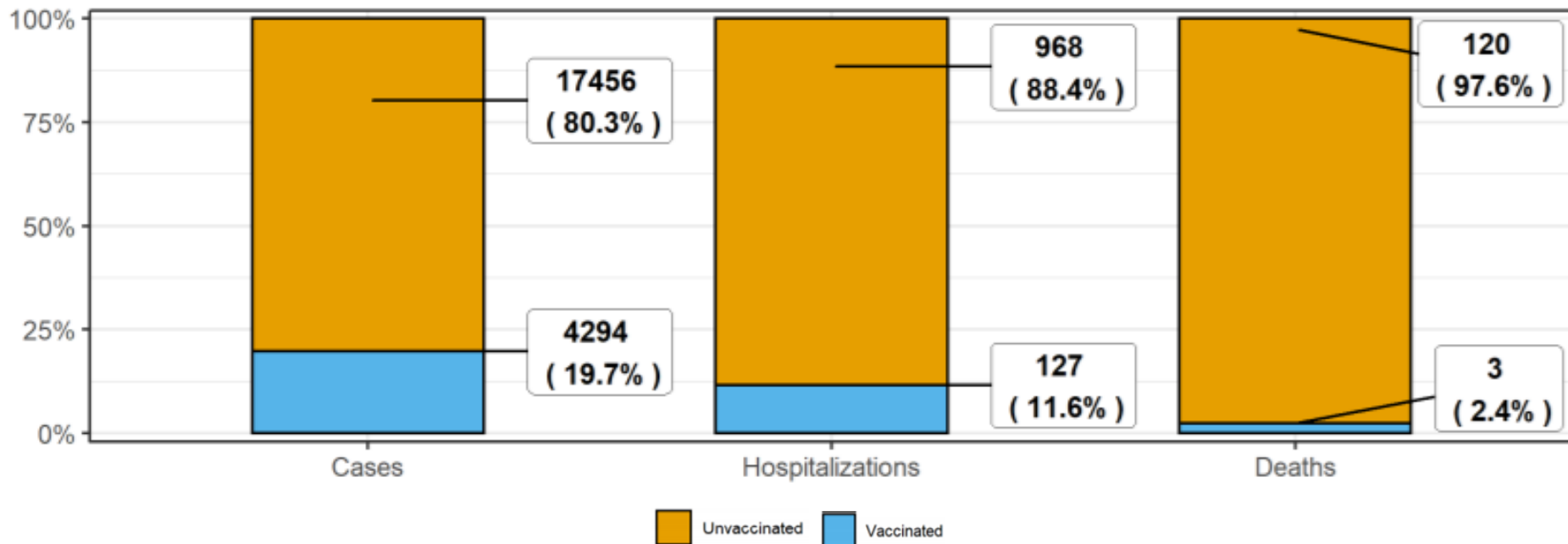
Data sources: NMSIIS and Tiberius; vaccination data as of 9/20/2021.  
County population denominators are for those 18 years and older.

# Vaccines Work!

## Breakthrough Cases and Vaccines

# Cases, hospitalizations, and deaths by vaccination status over prior 4-week period

Percent of Cases Hospitalizations and Deaths by Vaccine Status  
16 August, 2021 - 13 September, 2021



9/13/21 Vaccination Update <https://cv.nmhealth.org/wp-content/uploads/2021/09/Vaccination-Case-Report-2021-09-13.pdf>