

# COVID-19 Vaccine Data

(as of 10/25/2021 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*

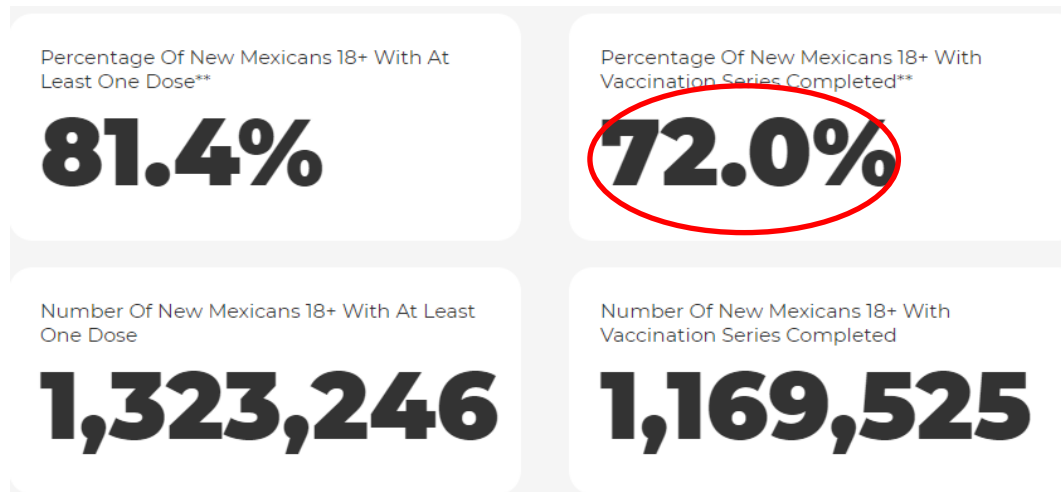
# Vaccine Mission

**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

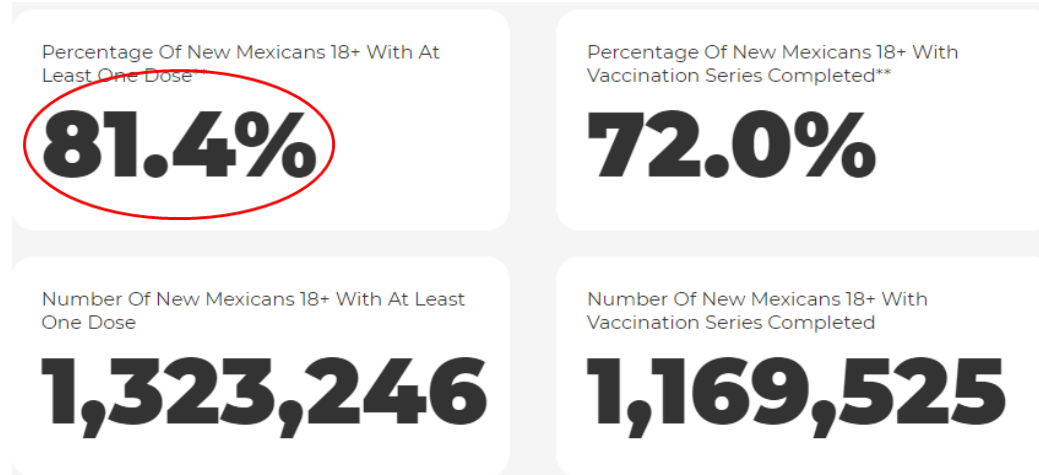
# State-wide Progress for 18+ fully vax



Week ending:	Weekly relative increase
10/22	0.5 %
10/15	0.4 %
10/8	0.7 %
10/1	0.8 %
9/24	1.1 %
9/17	1.2 % ↑
9/10	0.9 % ↑
9/3	0.8 %
8/27	1.5 % ↑
8/20	0.8 % ↑
8/13	0.7 %

\*\*\*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

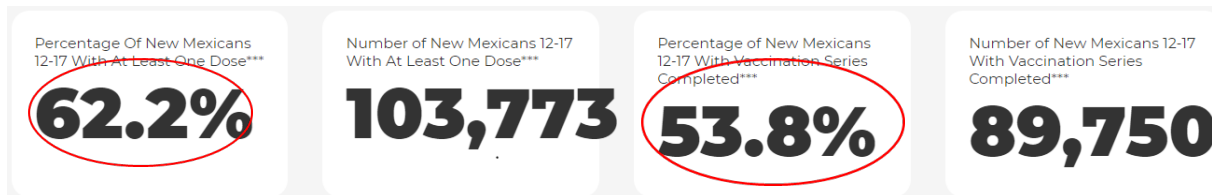
# State-wide Progress for 18+ at least 1 dose



Week ending:	Weekly relative increase
10/22	0.4 %
10/15	0.5 %
10/8	0.6 %
10/1	0.6 %
9/24	0.6 %
9/17	0.8 % ↑
9/10	0.7 %
9/3	0.9 %
8/27	1.6 % ↑
8/20	1.3 % ↑
8/13	1.2 % ↑

\*\*\*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



Week ending:	Weekly relative increase For "At Least 1 Dose"	Weekly relative increase for Fully Vaccinated
10/22	0.3 %	0.6 %
10/15	0.4 %	0.8%
10/8 - Metric changed to "age today" rather than "age at vaccination" to better understand "how many of our children ages 12 -17 are vaccinated"		
10/1	0.9 %	1.9 %
9/24	1.1 %	2.8 %
9/17	↑ 1.6 %	↑ 3.8 %
9/10	1.5 %	3.4 %
9/3	4.0 %	↑ 6.1 %
8/27	↑ 4.1 %	↑ 5.8 %

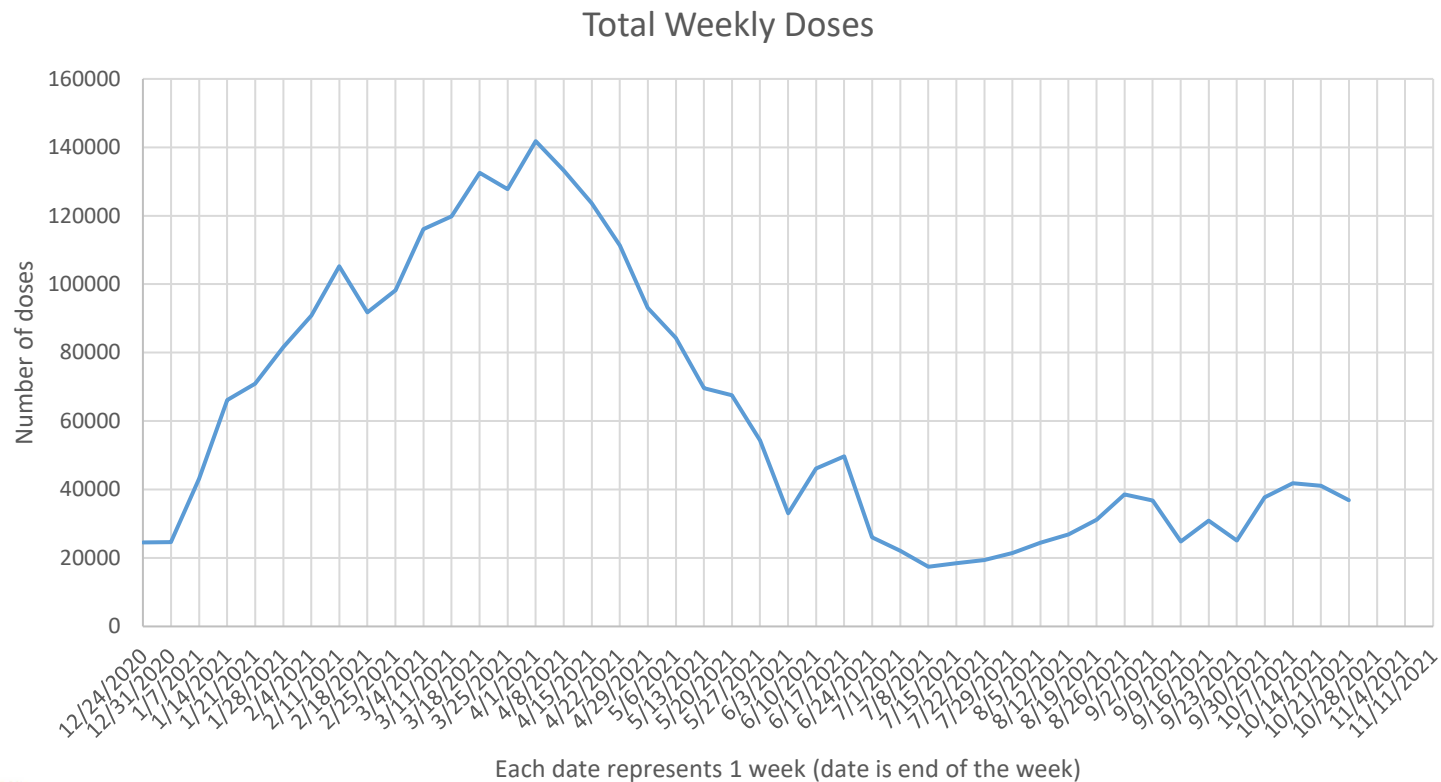
\*\*\*Includes doses from the Indian Health Service, Veterans Administration, Department of Defense, Bureau of Prisons, and doses from other states administered to New Mexico residents

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

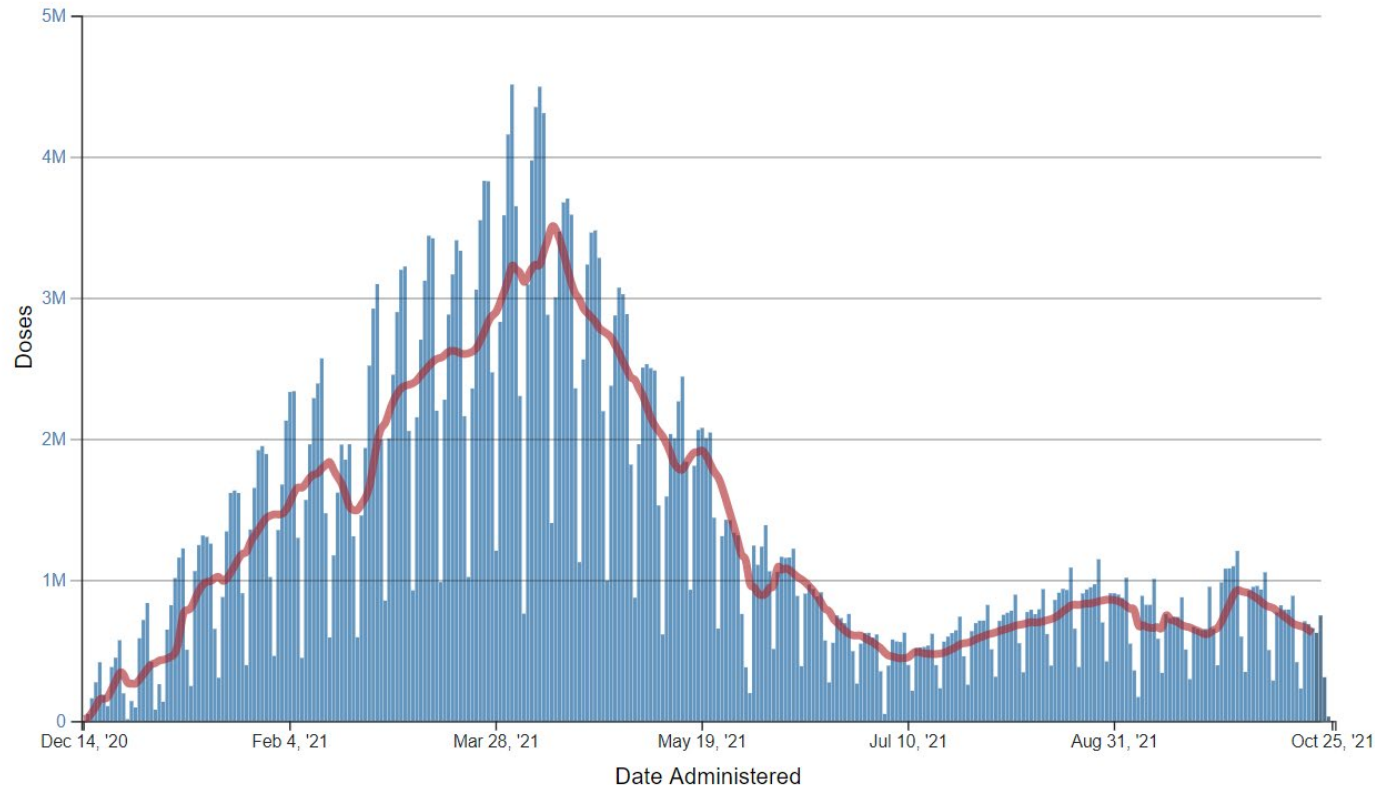
Weekly COVID-19 vaccines administered in New Mexico since 12/24/20

(Includes NMSIIS and Federal data)



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

Daily Count of Total Doses Administered and Reported to CDC by Date Administered, United States



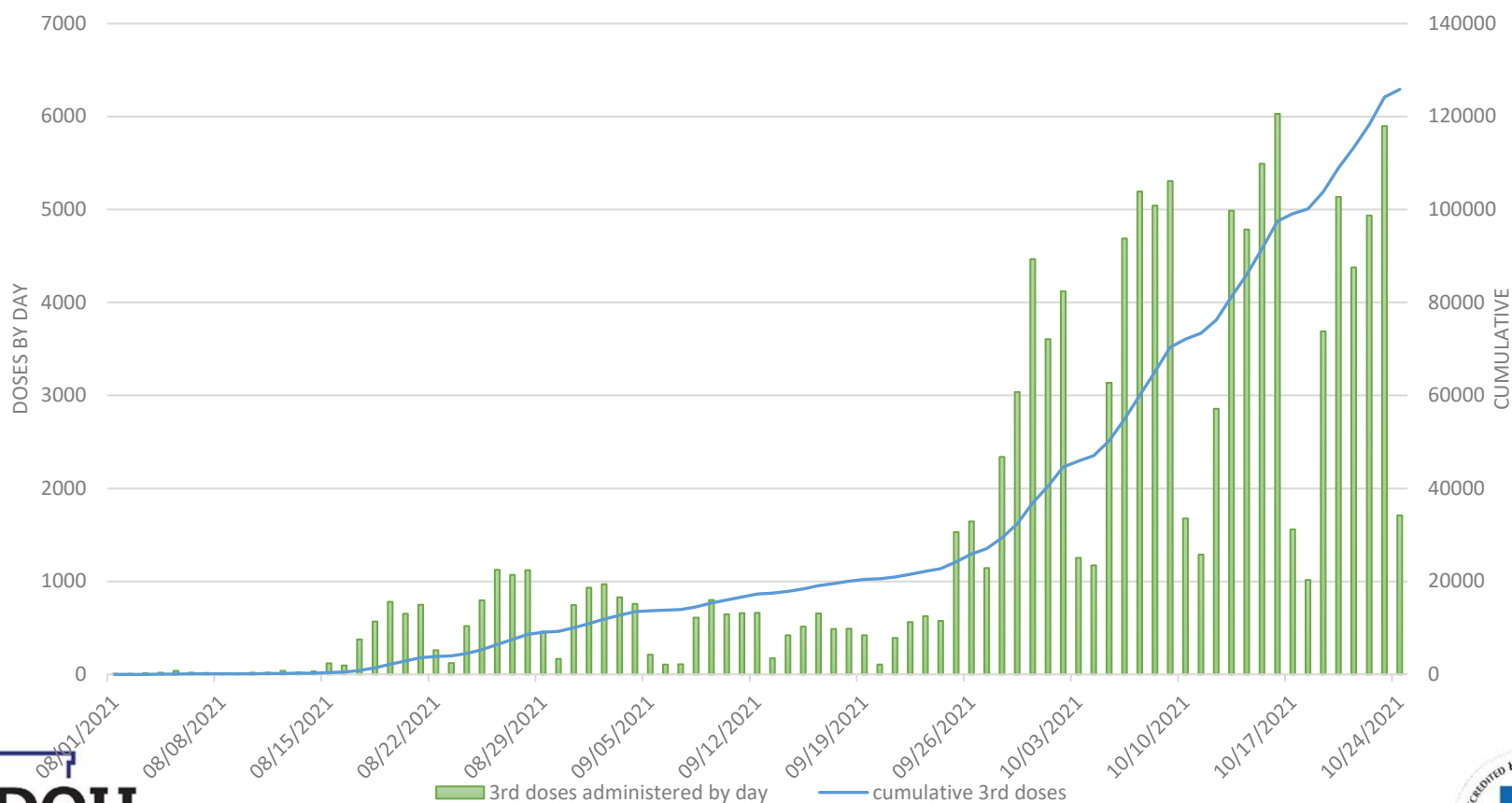
[CDC COVID Data Tracker](#)



Booster Doses (includes “additional doses”)

Total administered 8.1.21 – 10.24.21 = **125,843** doses

Booster Doses (includes Additional Doses) since 8.1.21



# Vaccine Equity

To track equity on age, race, and ethnicity

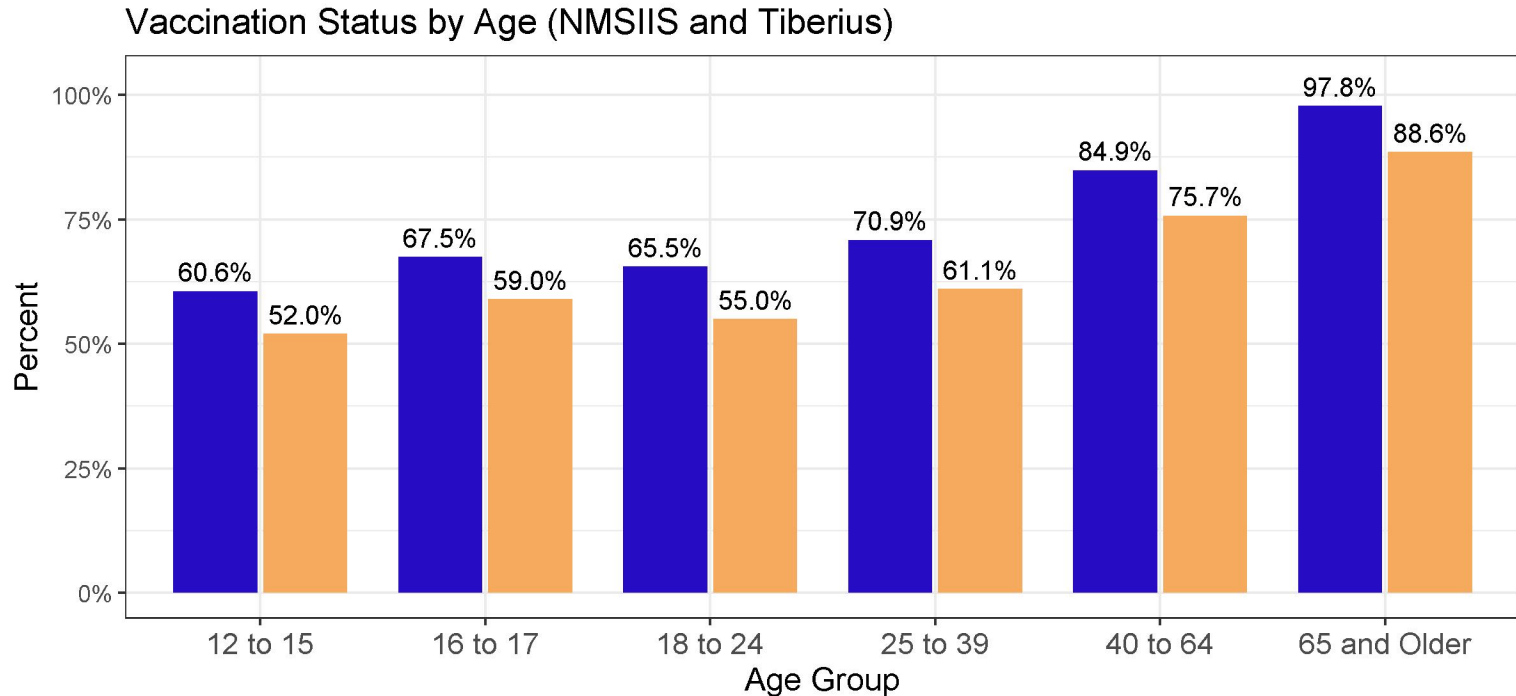
*Source for equity data:*

*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 and Tiberius



Percent of Population: ■ Receiving At Least One Dose ■ Completed Vaccination Series

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and Tiberius 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 138 doses administered to individuals for whom age is unknown. Last refresh on 2021-10-22

# Vaccination Status by Age:

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

**Vaccinations in New Mexico by Age Group** (NMSIIS and Tiberius, 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	126046	111,516	<b>113.0</b>	67670	60.7%	58201	52.2%
16-17 years	70080	55,318	<b>126.7</b>	37325	67.5%	32650	59.0%
18-24 years	229800	196,553	<b>116.9</b>	128986	65.6%	108440	55.2%
25-39 years	544634	420,690	<b>129.5</b>	298818	71.0%	257340	61.2%
40-64 years	1018703	629,370	<b>161.9</b>	535083	85.0%	477248	75.8%
65+ years	757683	378,676	<b>200.1</b>	371313	98.1%	335707	88.7%

NOTE: NMSIIS age group is based on current age, that is age of today.

# Vaccination Uptake:

Ages 12-24

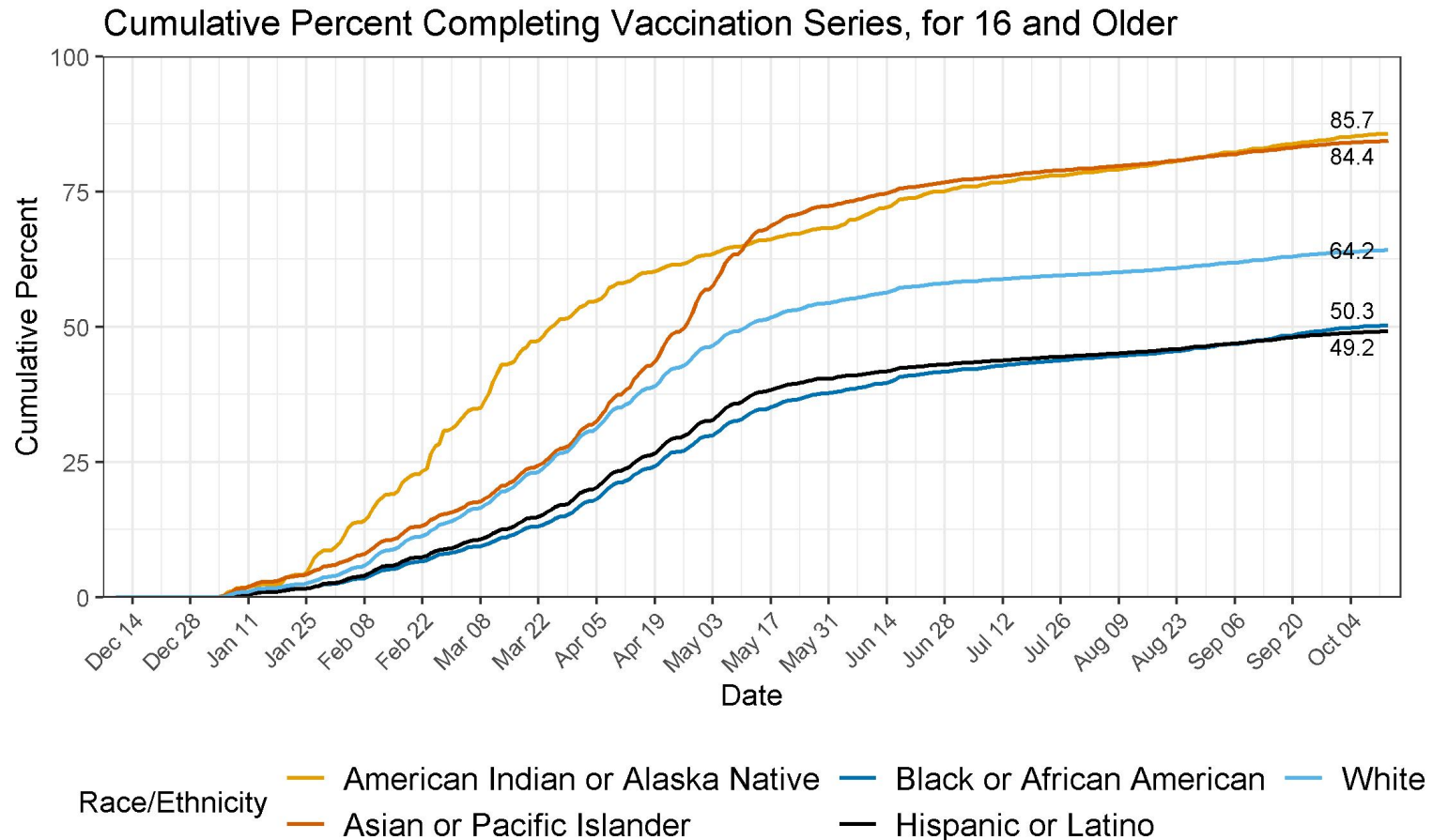
Relative Increase in Vaccine Uptake /Week

Week ending <sup>3.1</sup>	Number aged 12 – 24 <b>fully vax</b>	Relative percent increase from previous week	Number aged 12 – 24 with <b>at least 1 dose</b>	Relative percent increase from previous week
10/22	198,788	<b>0.02%</b>	233,672	<b>0.01%</b>
10/15	195,668	0.8 %	232,184	0.4 %
10/8	194,200	7.4 % **	231,148	9.0 % **
10/1	180,753	1.8 %	212,008	1.1 %
9/24	177,463	2.6 %	209,695	1.1 %
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% ↑
** Age field changes: federal data added this week and age changed to “age child is today”.				

# 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 or 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
10/22	440,179	<b>0.01%</b>	485,242	<b>0.01%</b>
10/15	437,091	0.4%	482,217	0.5%
10/8	435,296	3.2 % **	479,973	3.2 % **
10/1	421,782	1.1%	464,869	0.6%
9/24	417,308	1.4%	461,854	1%
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 % ↑

# Vaccination Uptake:

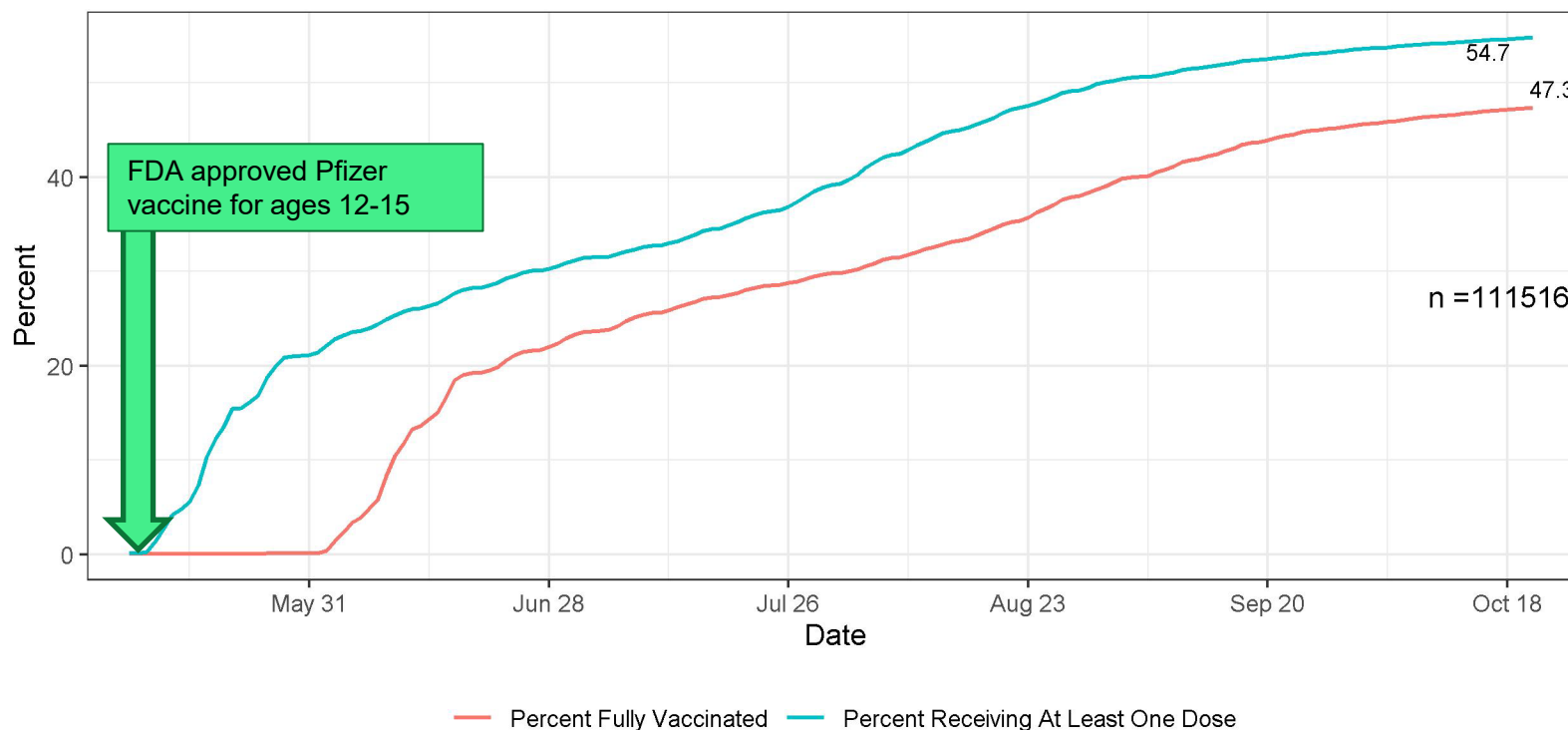
Black or African American Populations  
Relative Increase in Vaccine Uptake /Week

## 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
10/22	21,535	0.02%	24,354	0.01%
10/15	21,022	0.4 %	24,098	0.7%
10/8	20,929	10.9 % **	23,941	13.3% **
10/1	18,862	1.5 %	21,119	1.0 %
9/24	18,591	1.8%	20,905	0.7%
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% ↑

# Vaccination Progress: Ages 12-15

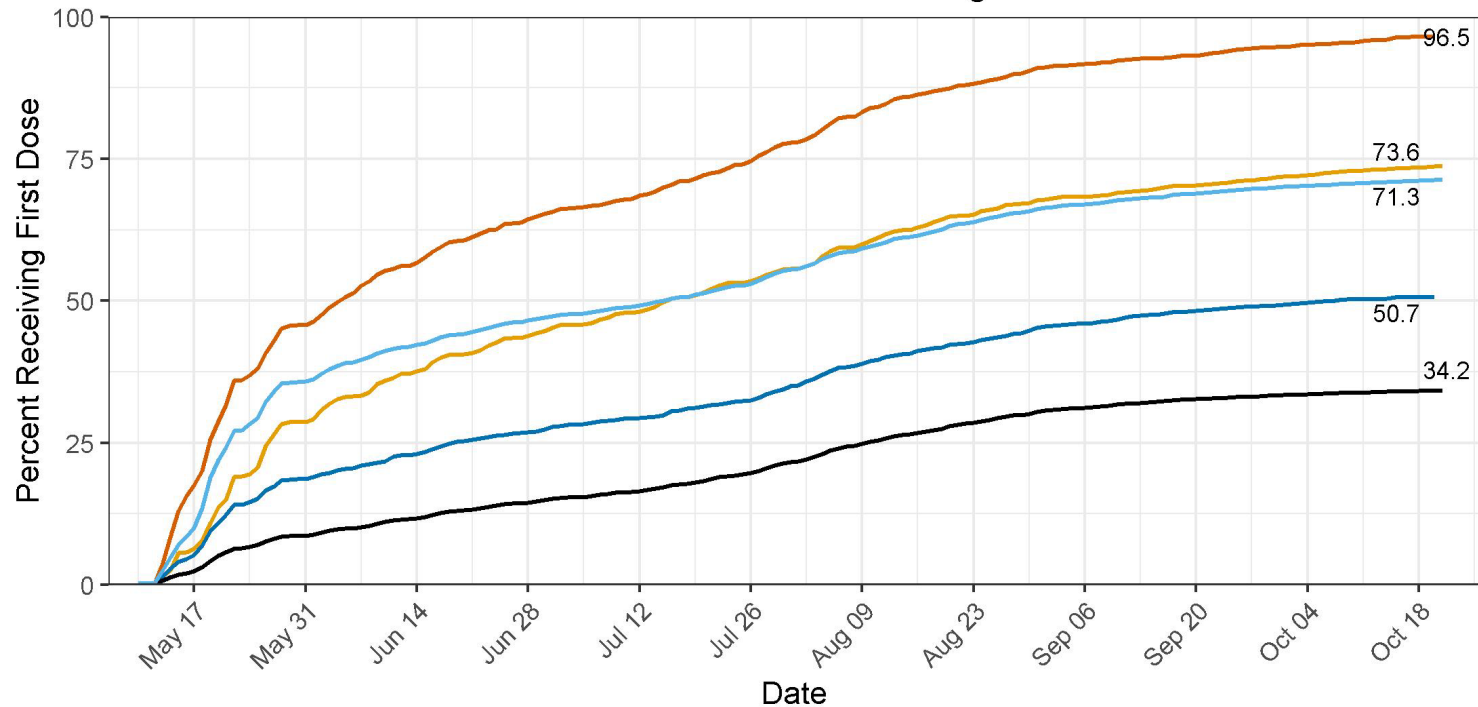
## Cumulative % Receiving First Dose



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

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 12-15



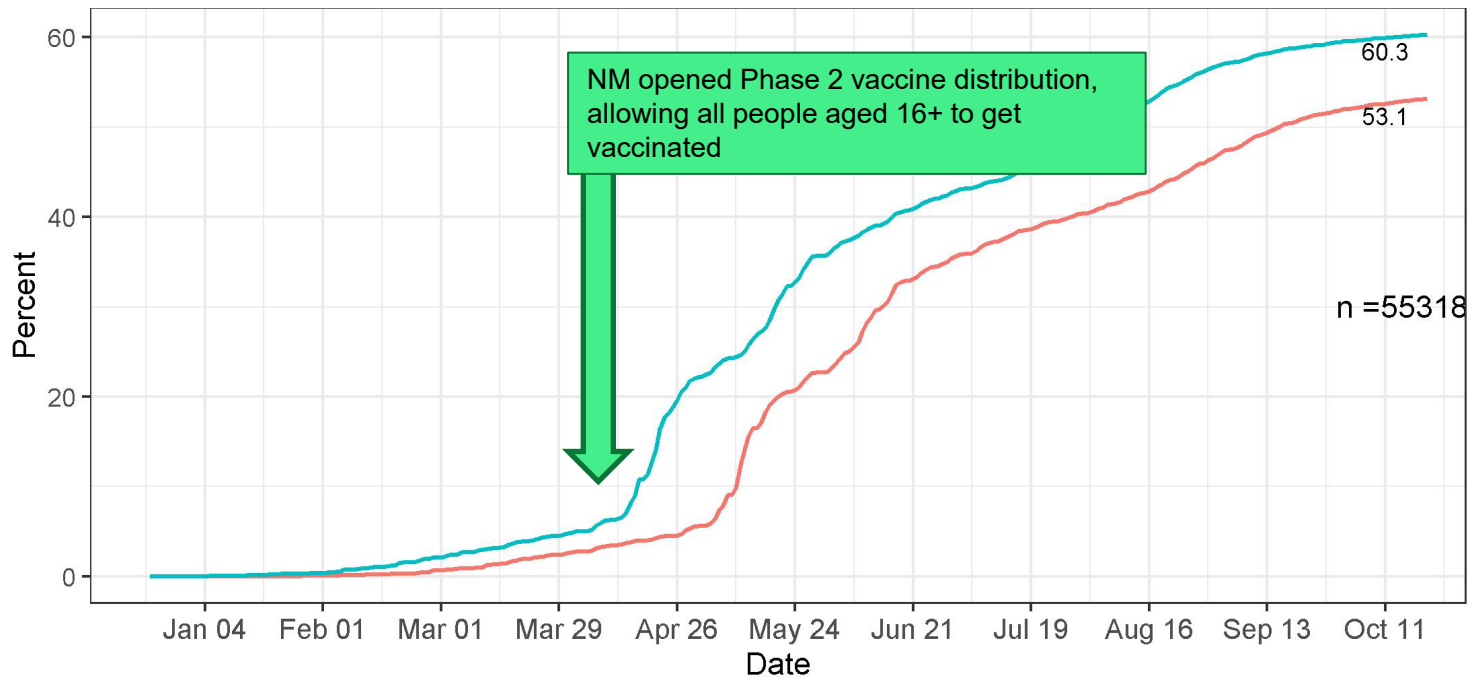
Race/Ethnicity

- American Indian or Alaska Native
- Black or African American
- White
- Asian or Pacific Islander
- Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-10-20

# Vaccination Progress: Ages 16-17

## Cumulative % Receiving First Dose

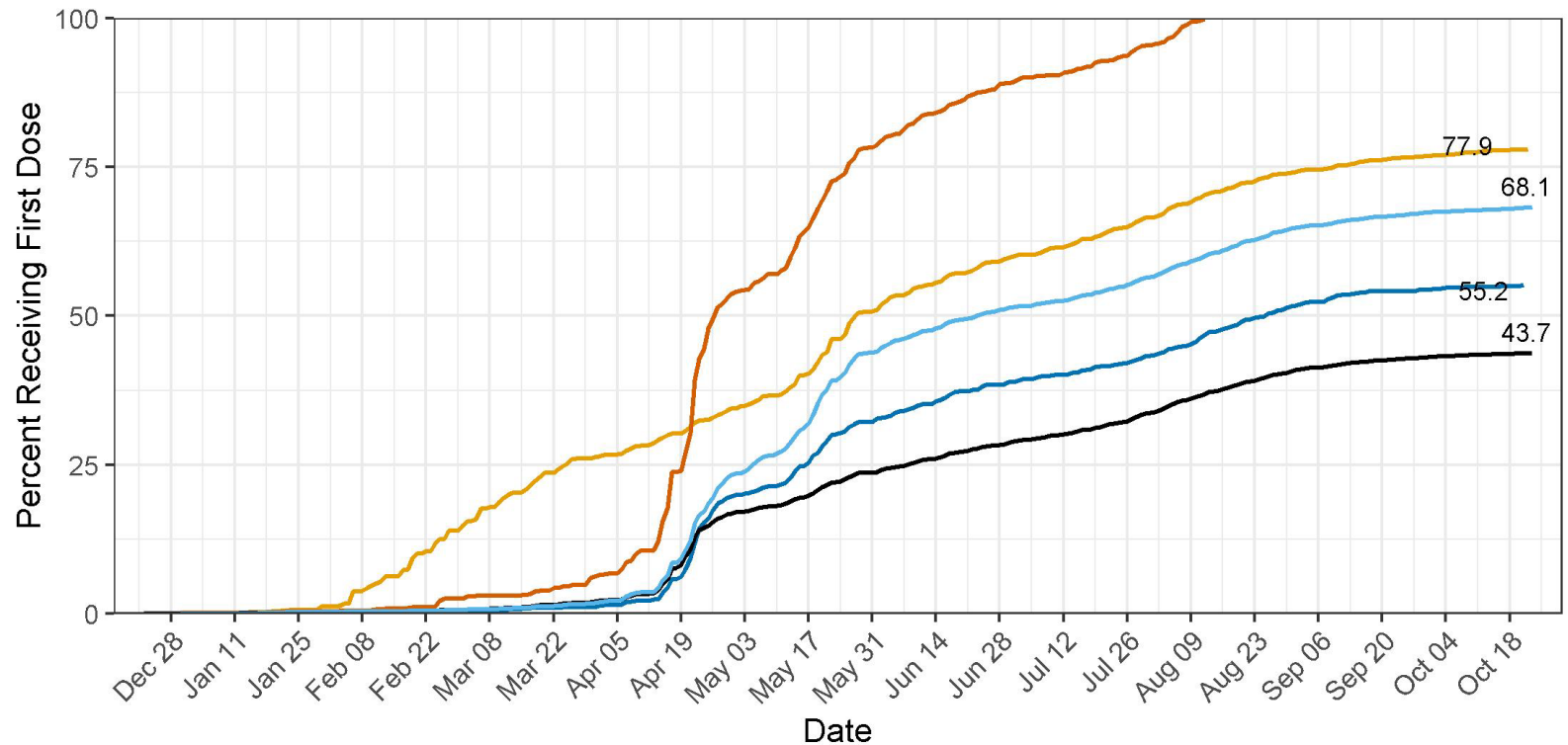


— Percent Fully Vaccinated — Percent Receiving At Least One Dose

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

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 16-17



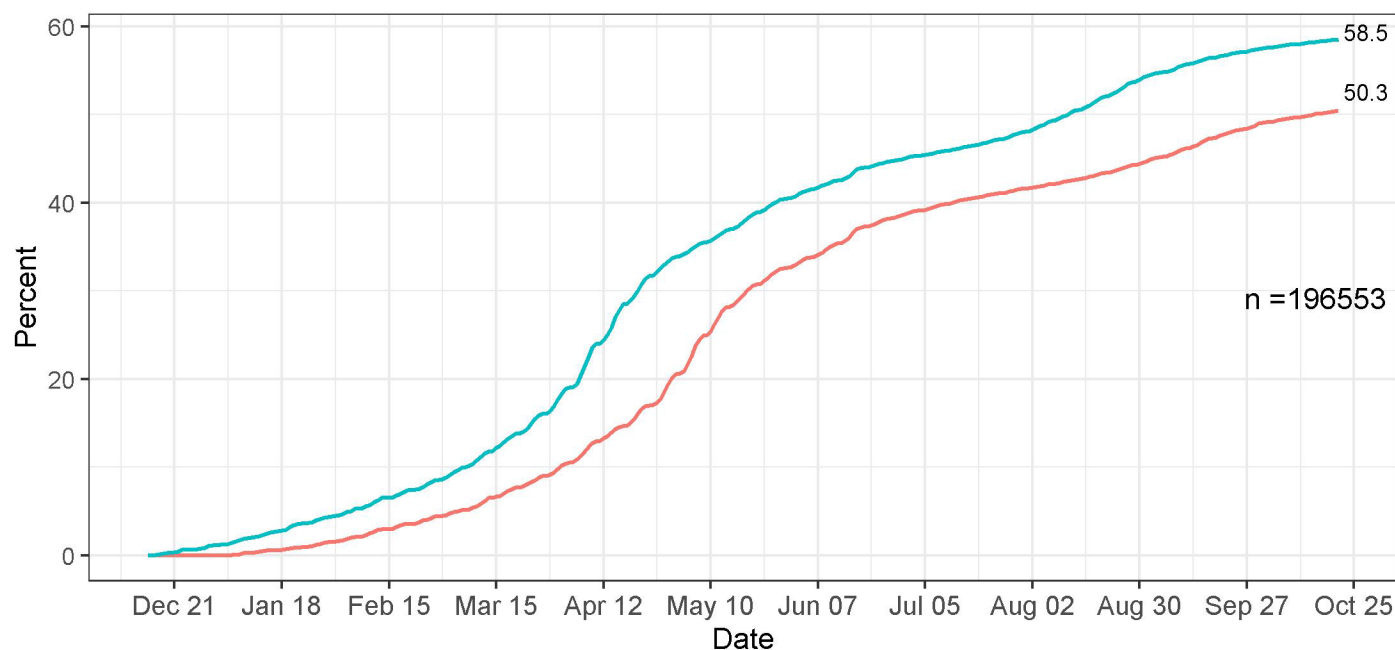
Race/Ethnicity

- American Indian or Alaska Native
- Black or African American
- White
- Asian or Pacific Islander
- Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-10-24

# Vaccination Progress: Ages 18-24

## Cumulative % Receiving First Dose

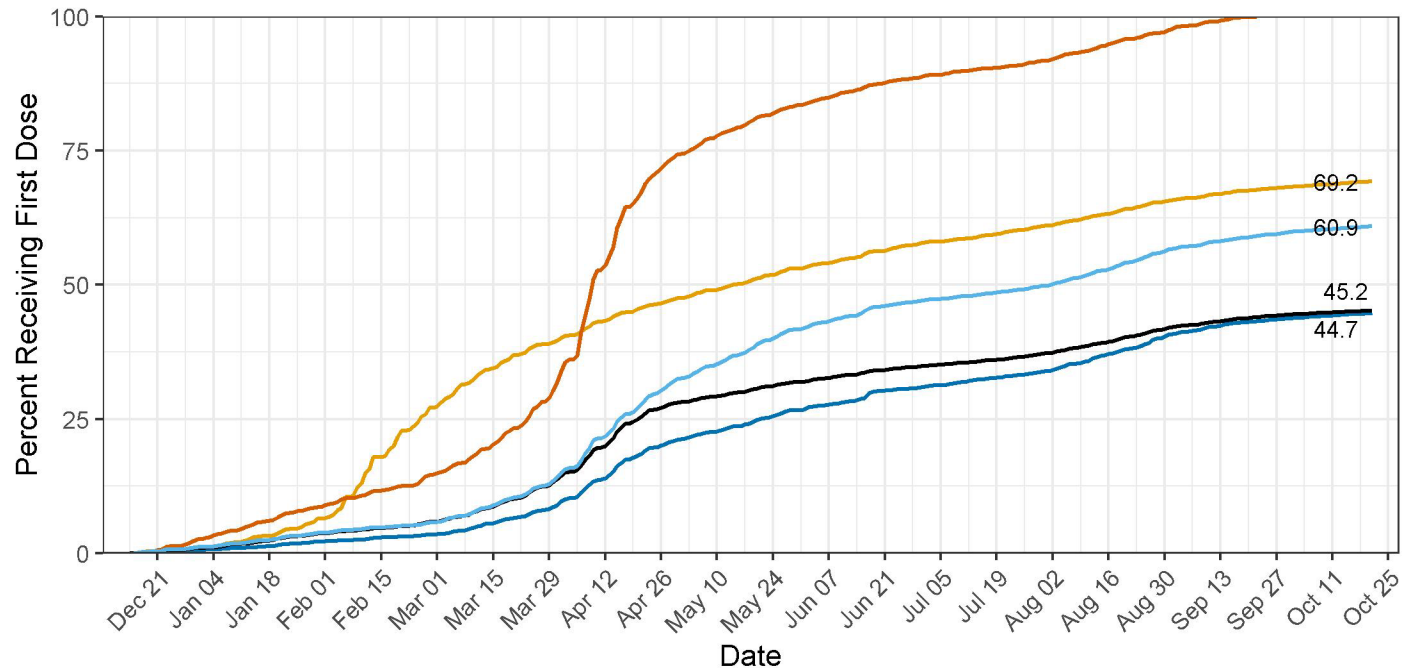


— Percent Fully Vaccinated — Percent Receiving At Least One Dose

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

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 18-24



Race/Ethnicity — American Indian or Alaska Native — Black or African American — White  
— Asian or Pacific Islander — Hispanic or Latino

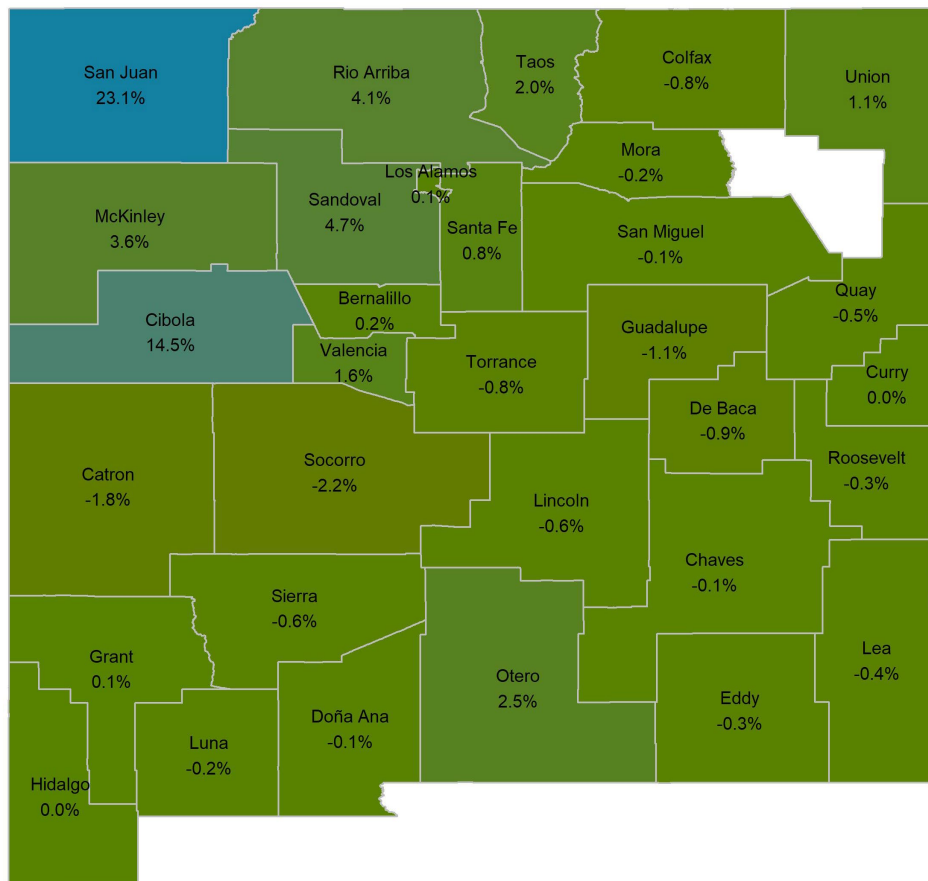
Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-10-21



# Vaccine Equity: Race/Ethnicity and Geography

# Geographic Vaccine Disparity by Race/Ethnicity

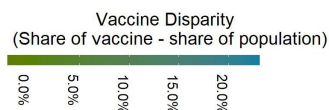
## American Indian or Alaskan Natives



How to read this slide:

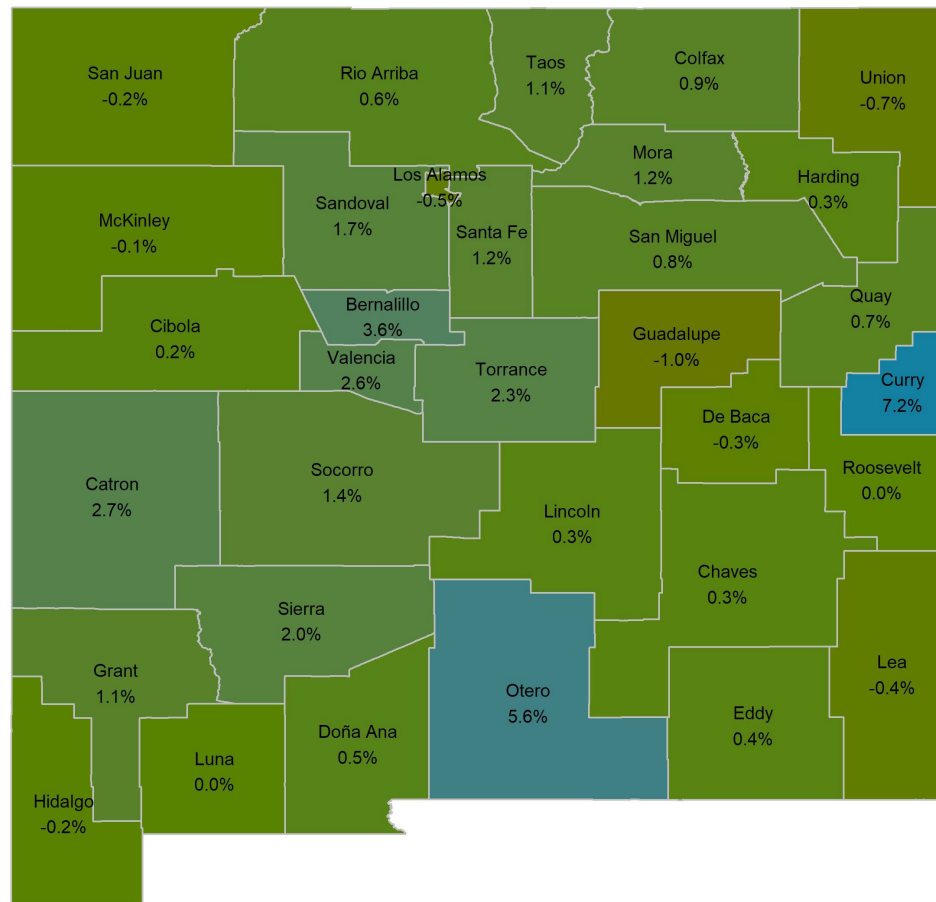
In San Juan County, the share of vaccination for AI/AN is 23.1% higher than the 'share' (proportion) of population.

In Catron County, the share of vaccination for AI/AN is 1.8% lower than the 'share' (proportion) of population.



# Geographic Vaccine Disparity by Race/Ethnicity

## Black or African American

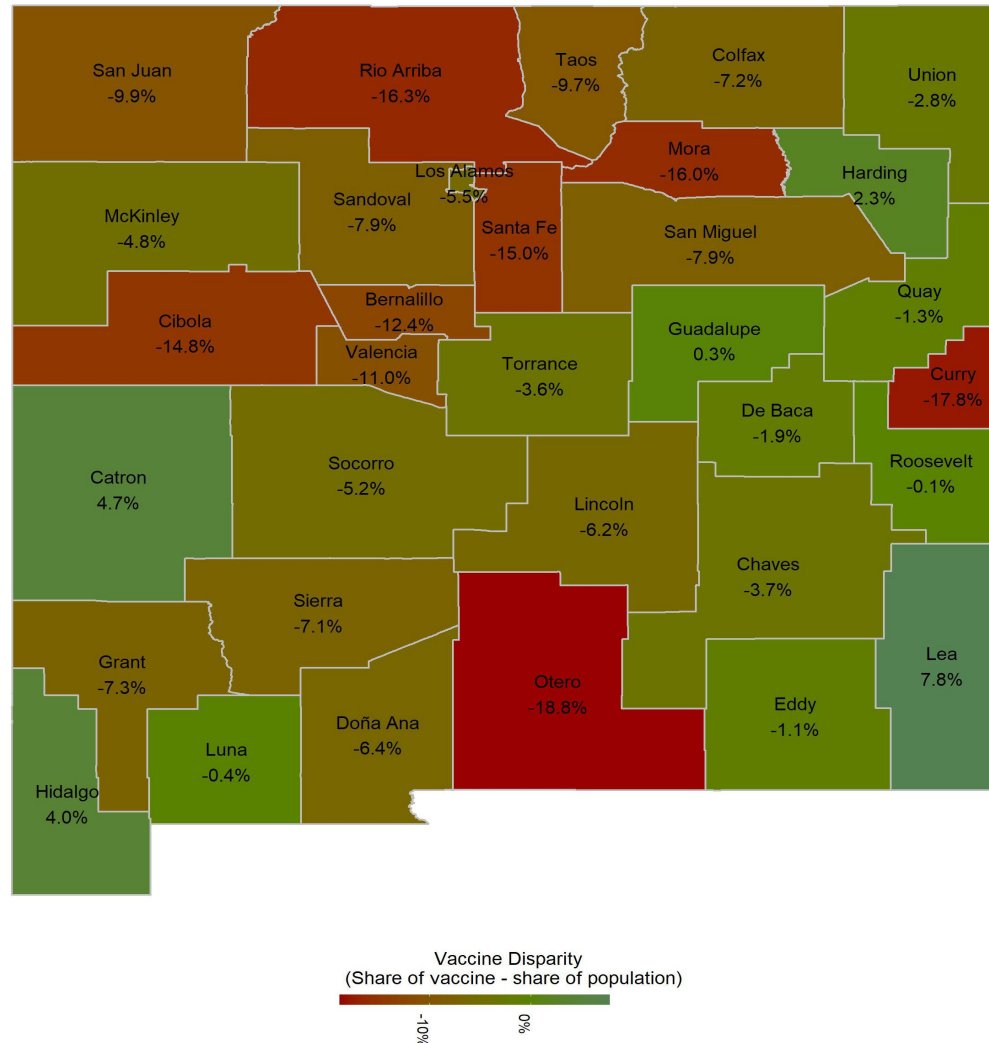


Vaccine Disparity  
(Share of vaccine - share of population)

0.0% 2.5% 5.0%

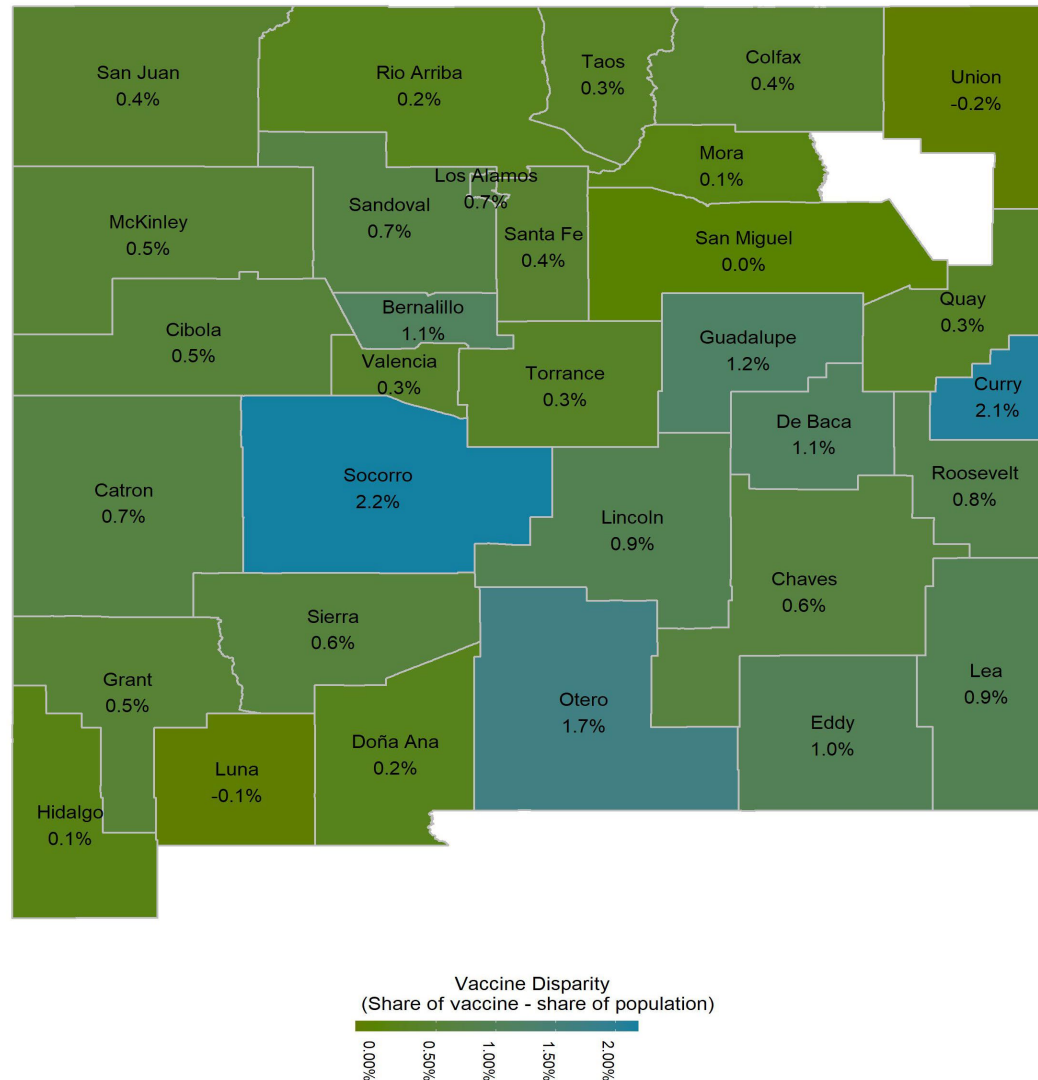
# Geographic Vaccine Disparity by Race/Ethnicity

## Hispanic or Latino



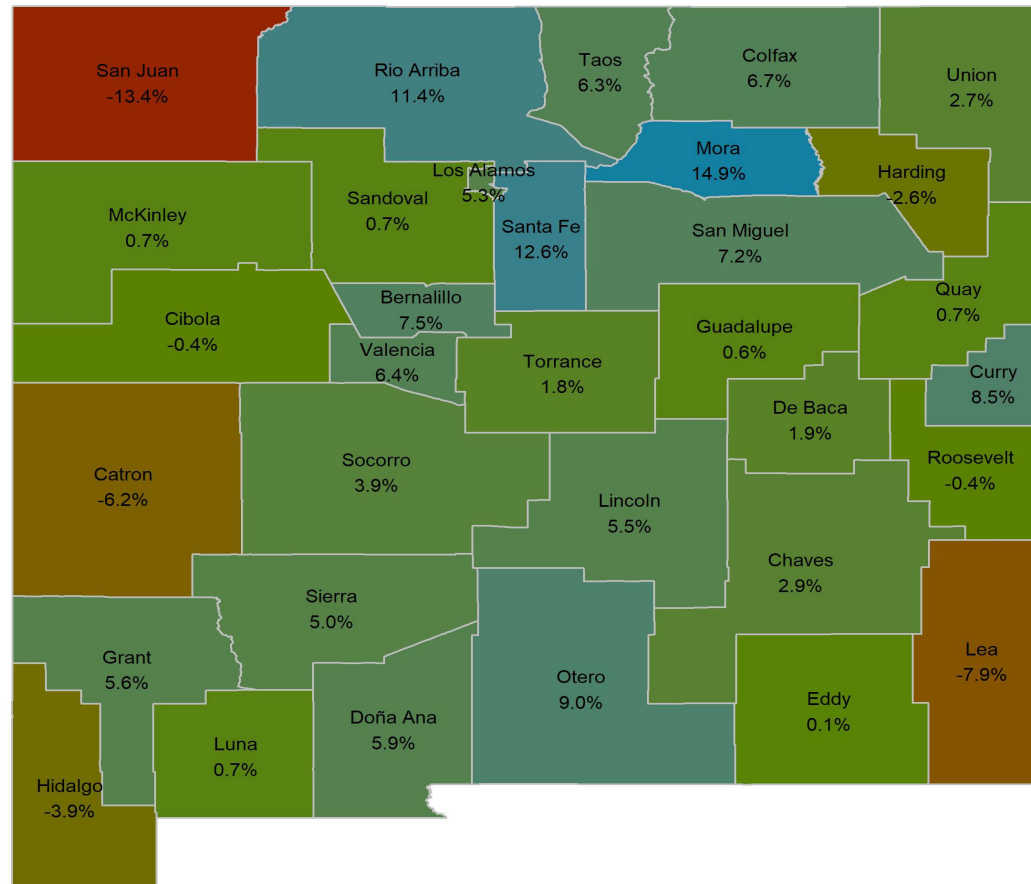
# Geographic Vaccine Disparity by Race/Ethnicity

## Asian or Pacific Islanders



# Geographic Vaccine Disparity by Race/Ethnicity

## White



Vaccine Disparity  
(Share of vaccine - share of population)

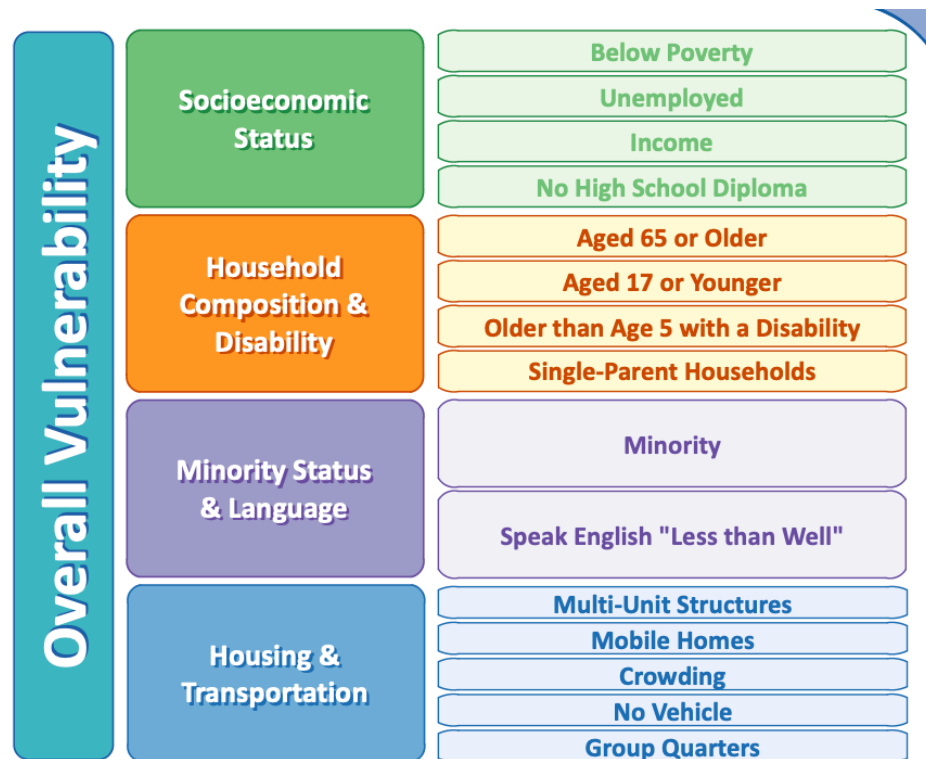
-10.0% -5.0% 0.0% 5.0% 10.0%

# Vaccine Equity: Social Vulnerability Index (SVI)

**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

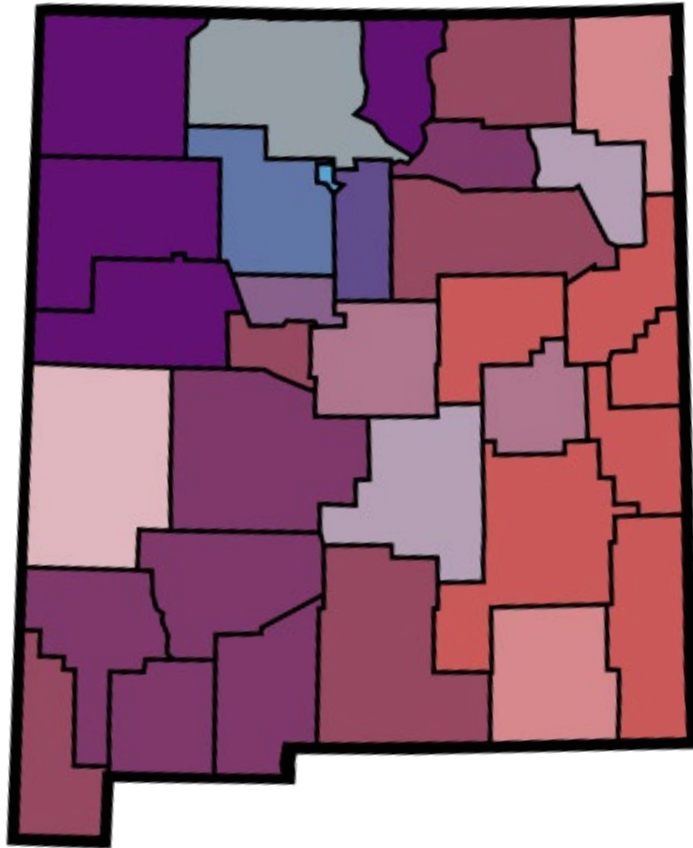


Along with the rankings, the SVI databases include all the census variables listed above. Graphic adapted from the North Carolina Preparedness and Emergency Response Research Center.

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



# CDC COVID-19 Vaccination Equity: Vaccination Rate and SVI

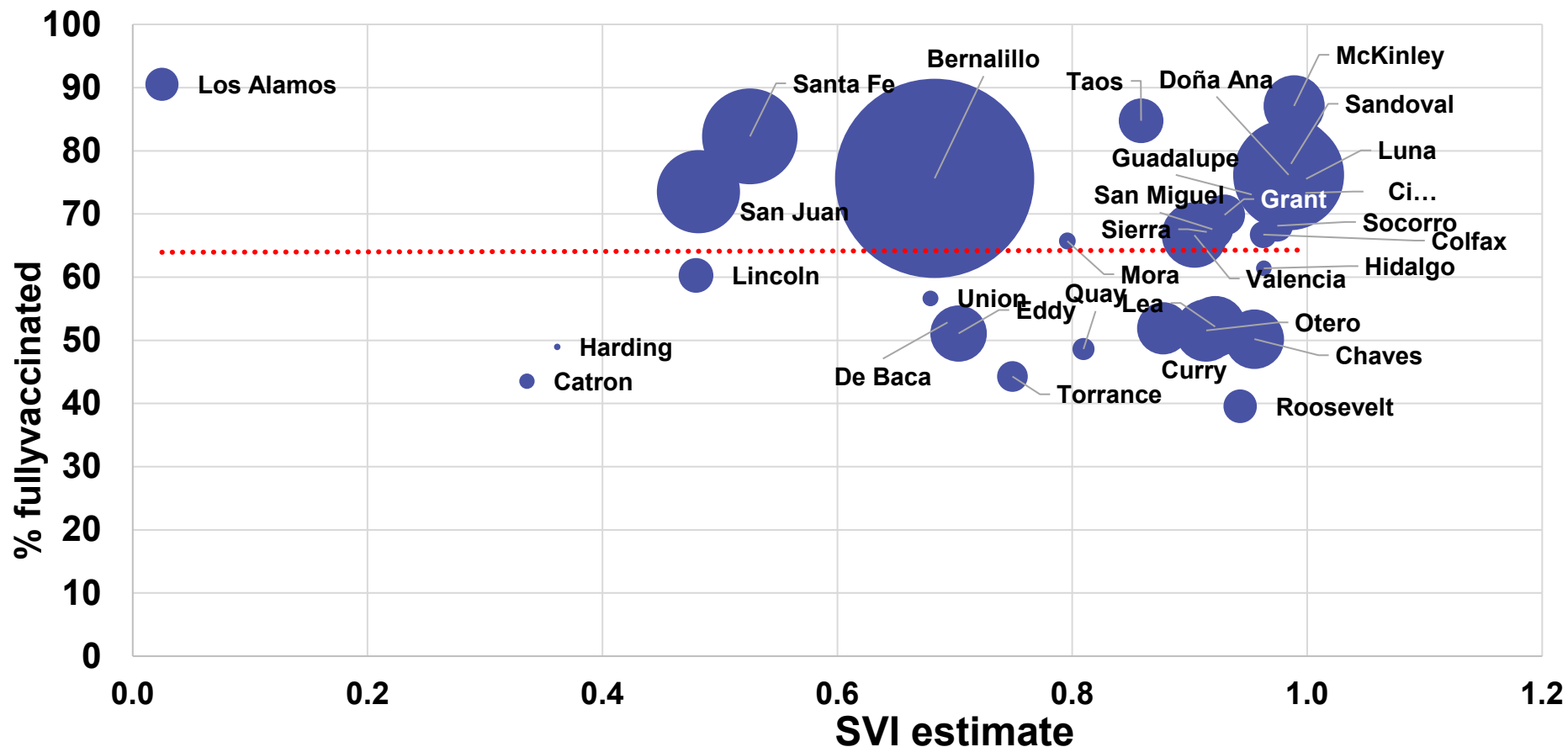


*\*Counties with lower reporting completeness for vaccination coverage should be interpreted with caution.*

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

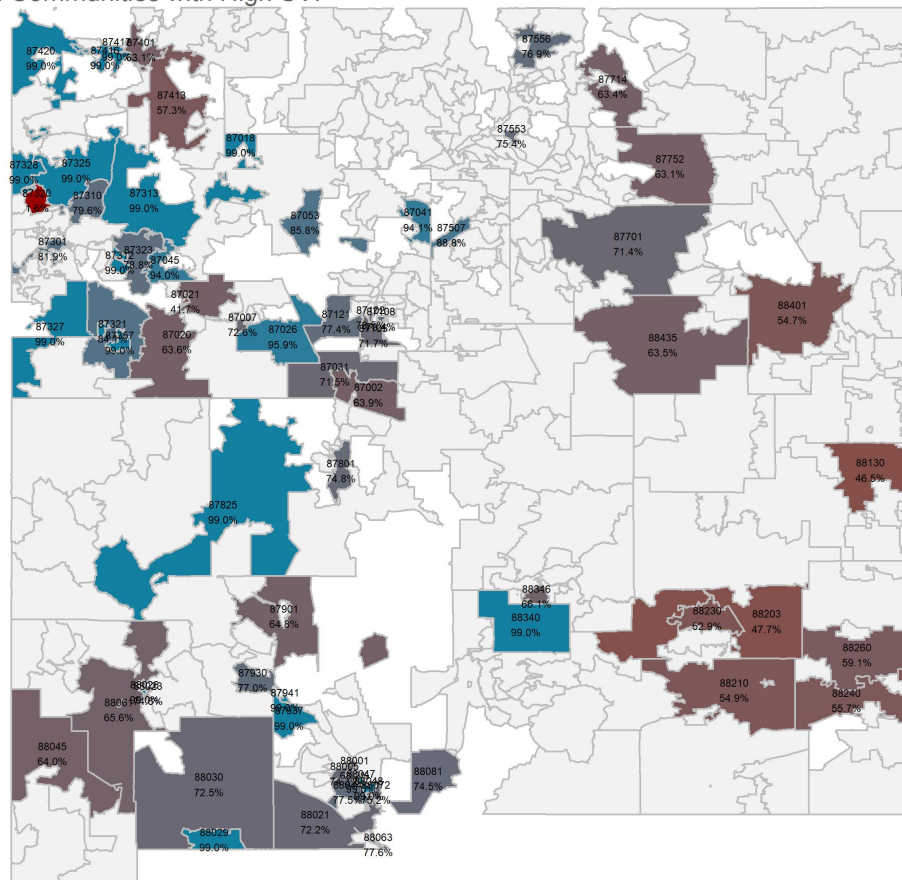


Data sources: NMSIIS and Tiberius; vaccination data as of 10/25/2021.  
County population denominators are for those 18 years and older.

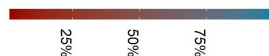
# Vaccination Rates for Highest SVI Communities

### Vaccination Rates (Ages 12 and Over)

### In Communities with High SVI



Percent with at least one vaccine



Geographic areas in white represent communities with an SVI estimate below the 75th percentile

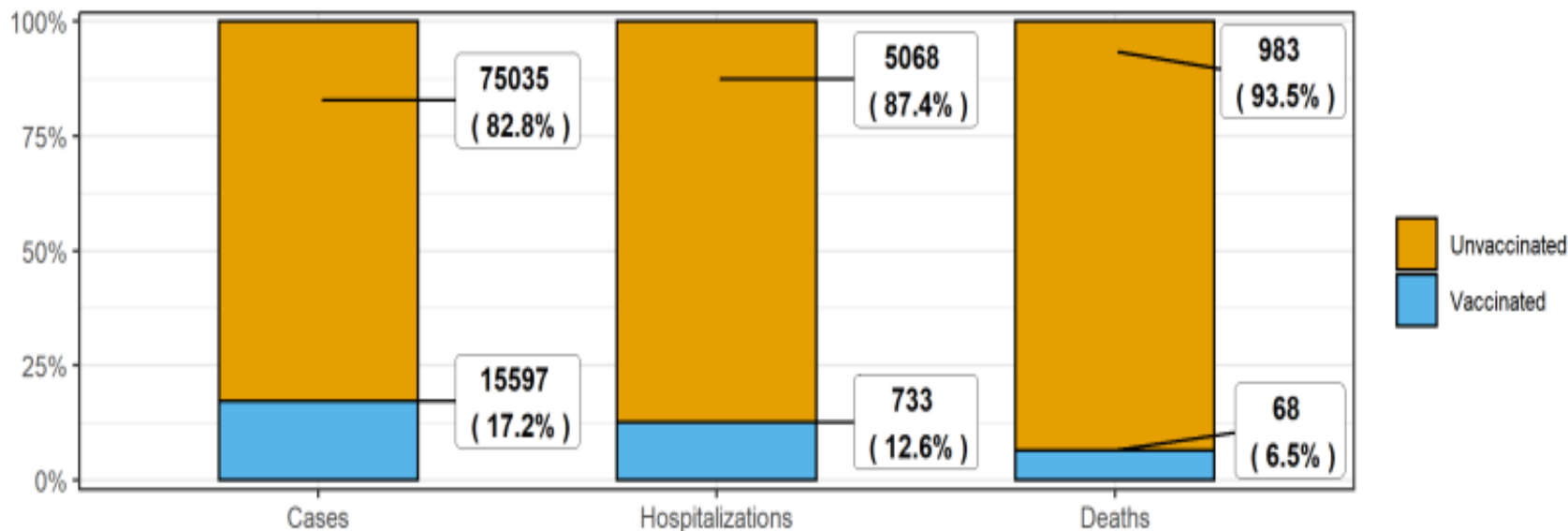
**Vaccination rates for  
those 12 years and older,  
in communities with high  
SVI (75<sup>th</sup> percentile),  
as of 10/25/2021**

# 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  
1 February, 2021 - 18 October, 2021



10/18//21 Vaccination Update [Vaccination-Case-Report-2021-10-11.pdf \(nmhealth.org\)](https://nmhealth.org/Vaccination-Case-Report-2021-10-11.pdf)