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# COVID-19 Vaccine Data

(as of 12/20/2021 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



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# Vaccine Administration

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

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

Percentage of New Mexicans 18+ with at least 1 dose <b>87.6%</b>	Percentage of New Mexicans 18+ with vaccination series completed <b>75.3%</b>
Number of New Mexicans 18+ with at least 1 dose <b>1,424,137</b>	Number of New Mexicans 18+ with vaccination series completed <b>1,223,635</b>

Week ending:	Weekly relative percent increase
12/17	<b>0.7%</b>
12/10	1.1%
12/3	0.7%
11/26	1.0%
11/19	1.0%
11/12	1.3% □
11/5	0.8%
10/29	0.9% □
10/22	0.4%
10/15	0.5%

\*\*\*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 1 dose <b>65.7%</b>	Number of New Mexicans 12-17 with at least 1 dose <b>109,680</b>	Percentage of New Mexicans 12-17 with vaccination series completed <b>56.5%</b>	Number of New Mexicans 12-17 with vaccination series completed <b>94,316</b>
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Week ending:	Weekly relative increase For "At Least 1 Dose"	Weekly relative increase for Fully Vaccinated
12/17	<b>0.6%</b>	<b>0.7%</b>
12/10	0.8% □	0.8% □
12/3	0.4%	0.3%
11/26	0.9% □	0.3%
11/19	0.7 %	0.4 %
11/12	1.3% □	1.0 □
11/5	0.4%	0.5%
10/29	0.5% □	0.9% □

\*\*\*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+

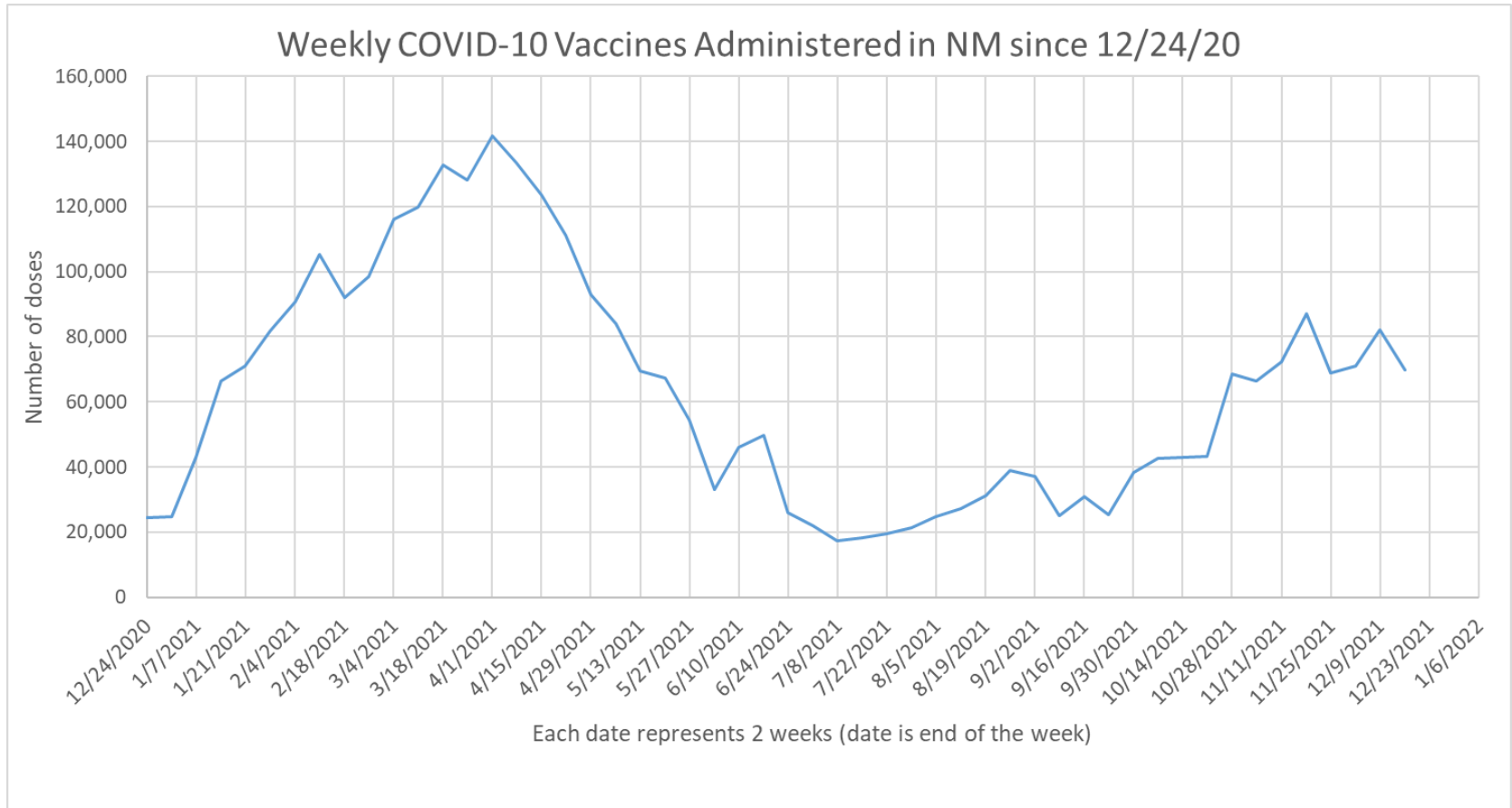
# State-wide Progress for ages 5 - 11

Percentage of New Mexicans 5-11 with at least 1 dose <b>23.4%</b>	Number of New Mexicans 5-11 with at least 1 dose <b>44,276</b>	Percentage of New Mexicans 5-11 with vaccination series completed <b>12.1%</b>	Number of New Mexicans 5-11 with vaccination series completed <b>22,863</b>
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Week ending:	Weekly relative percent increase for "At Least 1 Dose"	Weekly relative percent increase for Fully VAX
12/17	10.5%	53%
12/10	17.8%	261%
12/3	15%	4,000%
11/26	56%	194%
11/19	416 %	0

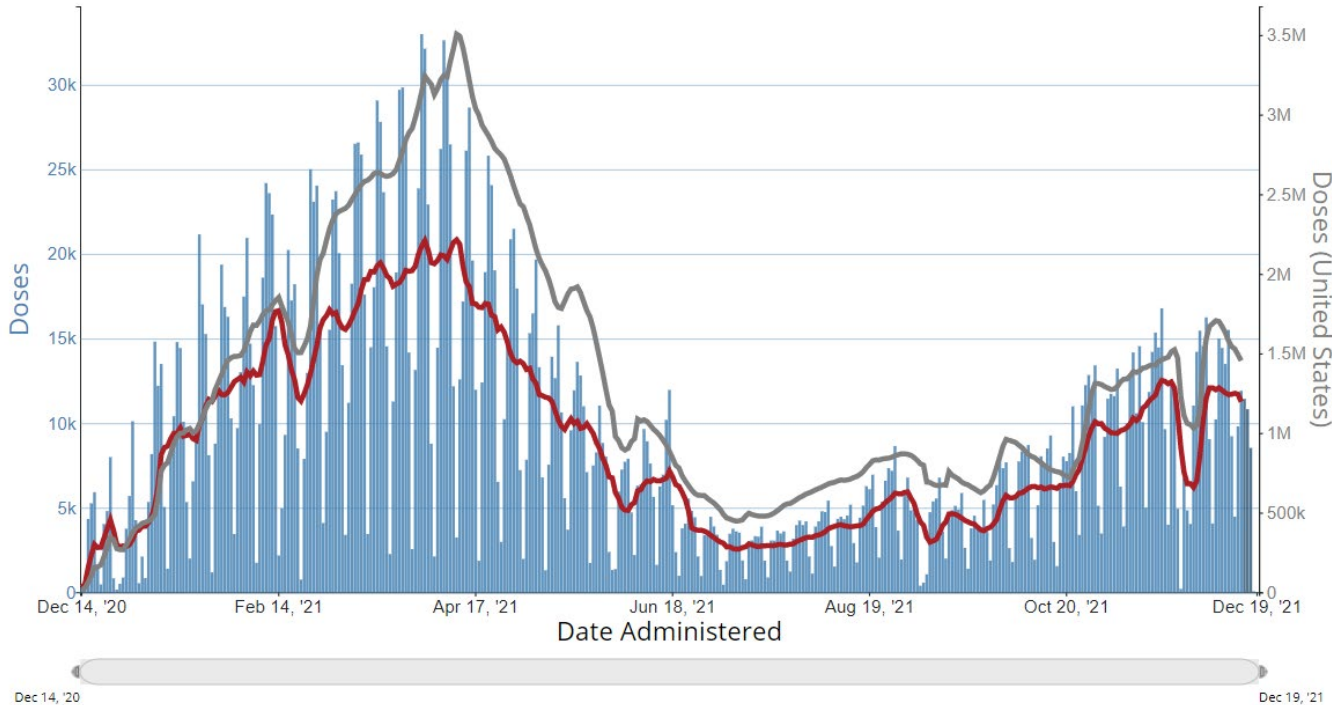
\*\*\*Includes doses from the Indian Health Service, Veterans Administration, Department of Defense, Bureau of Prisons, and doses from other states administered to New Mexico residents

# 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

Daily Count of Total Doses Administered and Reported to CDC by Date Administered, New Mexico



TOTAL  
VACCINE  
DOSES  
ADMINISTERED  
US vs NM

CDC COVID Data  
Tracker

Select a Location:

Metric:  Total Doses Administered  
 People Receiving Dose 1  
 People Fully Vaccinated

View:  Daily Count  
 Cumulative  
 Daily Change Reported

Show:  7-Day moving average  
 US 7-Day moving average

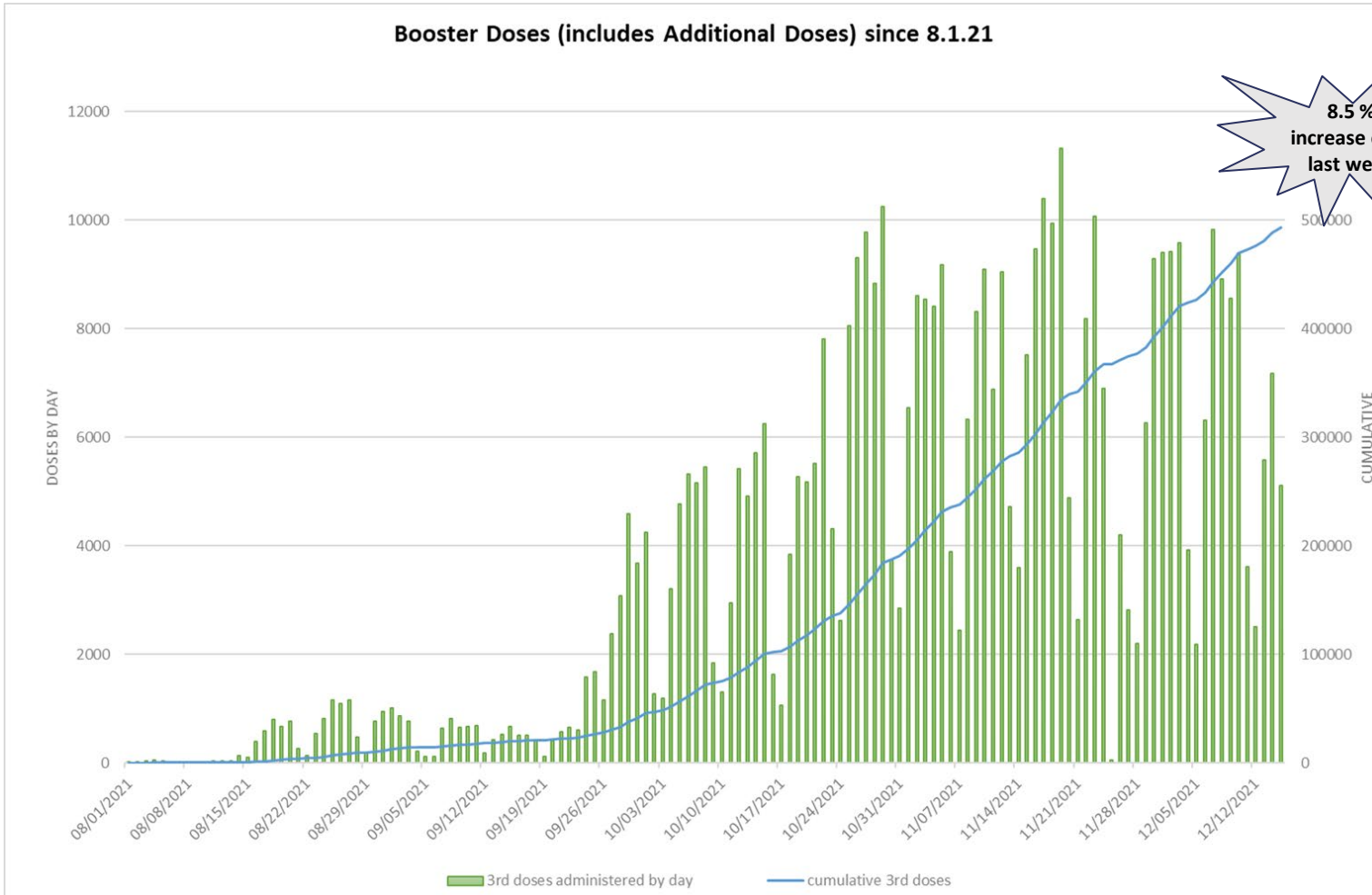


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### Booster Doses (includes Additional Doses) since 8.1.21



# 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)*

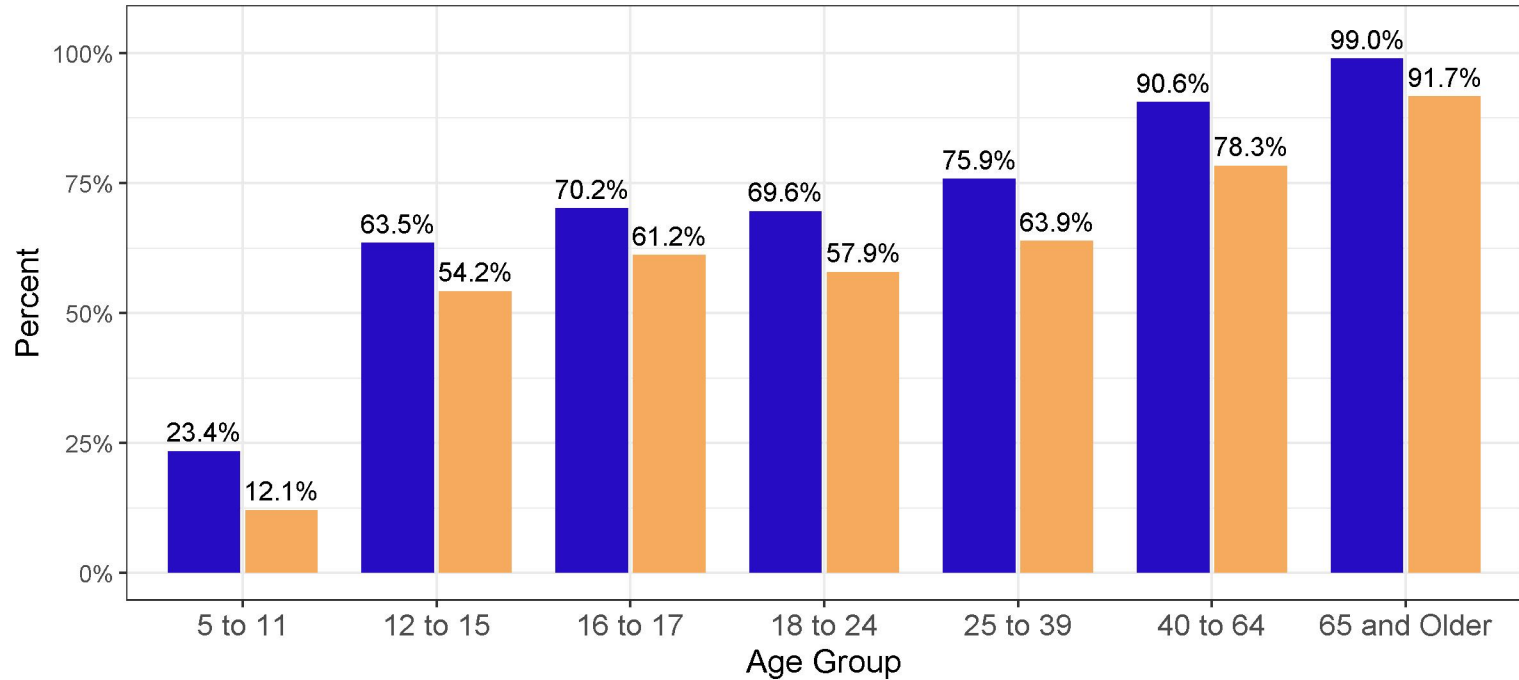


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# Vaccine Equity: Age

# Vaccination Status by Age – NMSIIS and Tiberius

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. Last refresh on 2021-12-17

# 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
5-11 years	71397	188,866	37.8	46401	24.6%	24974	13.2%
12-15 years	132022	111,516	<b>118.4</b>	71070	63.7%	60636	54.4%
16-17 years	74141	55,318	<b>134.0</b>	38923	70.4%	33880	61.2%
18-24 years	260856	196,553	<b>132.7</b>	137541	70.0%	114092	58.0%
25-39 years	636829	420,690	<b>151.4</b>	320597	76.2%	269470	64.1%
40-64 years	1234966	629,370	<b>196.2</b>	572461	91.0%	493808	78.5%
65+ years	938690	378,676	<b>247.9</b>	398350	99.0%	347843	91.9%

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:	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
12/17	208,105	0.6%	246,529	0.7%
12/10	206,860	0.7%	244,771	0.9%
12/3	205,430	0.4%	242,606	0.5%
11/26	204,586	0.5%	241,322	1.0%
11/19	203,561	0.5%	239,028	0.8% □
11/12	202,531	0.6%	237,197	0.6%
11/5	201,231	0.6%	235,666	0.5% □
10/29	200,073	0.6%	234,555	0.4%



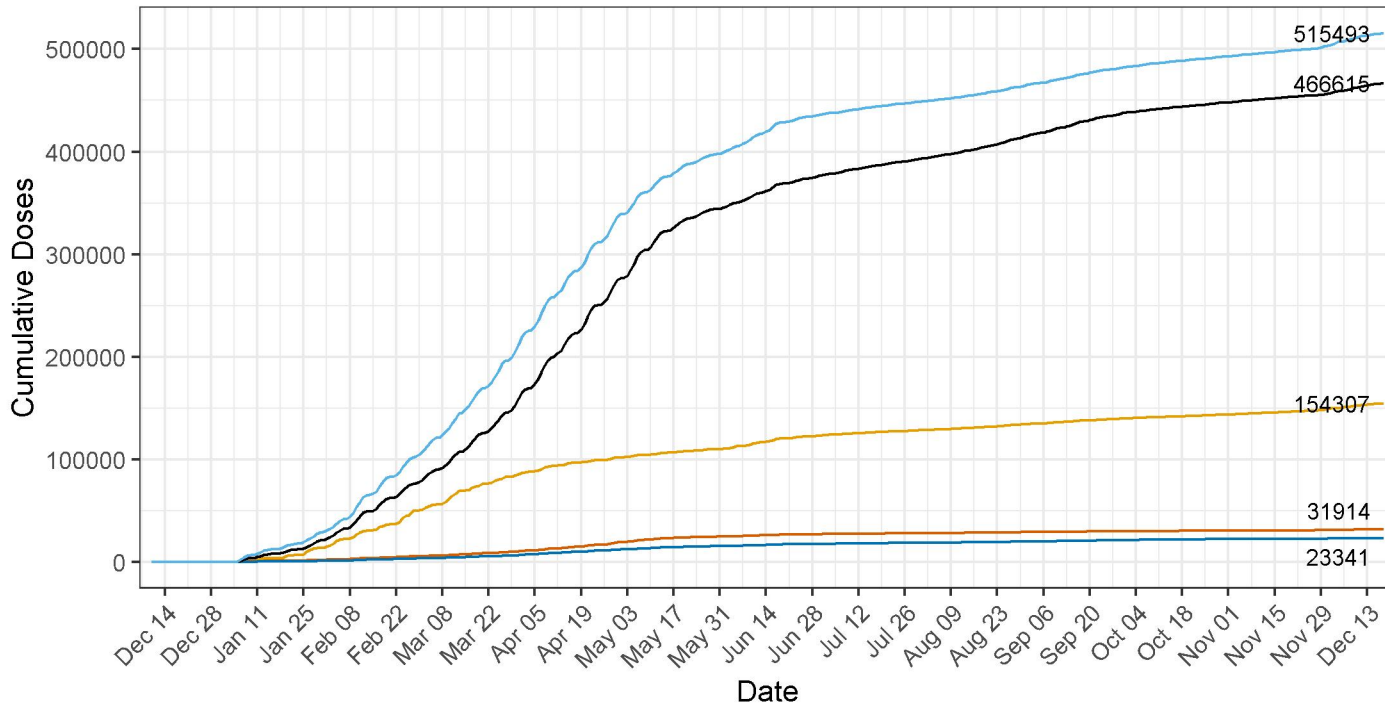
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# Vaccine Equity: Age and Race/Ethnicity

# Vaccination Progress:

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

Cumulative Completing Vaccination Doses, for 5 and Older



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 Tiberius and include only residents of New Mexico. Label shows data of 2021-12-18



# Vaccination Uptake:

## Hispanic or Latino Populations

### Relative Increase in Vaccine Uptake /Week

HISPANIC/LATINX				
Week ending	Number Latinx fully vax (12+)	Relative percent increase	Number Latinx with at least 1 dose (12+)	Relative percent increase
12/17	465,107	1.0%	526,593	1.0%
12/10	460,486	1.4%	521,574	1.4%
12/3	454,244	0.5%	514,159	0.8%
11/26	451,838	0.5%	510,313	1.4%
11/19	449,644	0.6%	503,086	1.7% □
11/12	446,889	0.6%	494,805	0.9% □
11/5	444,219	0.6% □	490,454	0.7% □
10/29	441,399	0.3%	486,842	0.3%

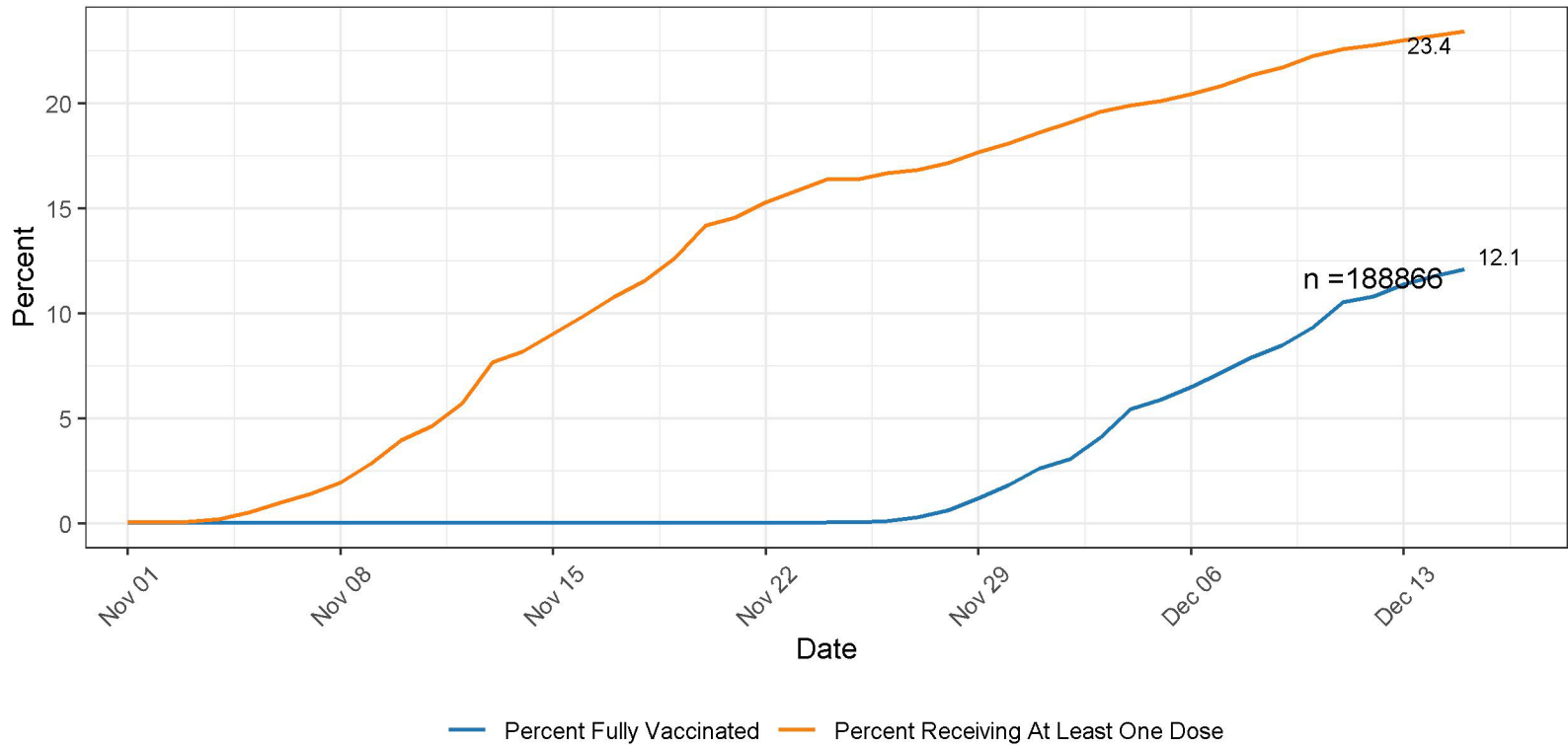
# Vaccination Uptake:

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
12/17	23,246	1.4%	26,878	1.1%
12/10	22,933	1.5%	26,585	1.6%
12/3	22,600	0.7%	26,159	0.9%
11/26	22,437	0.7%	25,916	1.5%
11/19	22,276	0.7%	25,530	1.9% □
11/12	22,111	1.1% □	25,057	1.3% □
11/5	21,876	0.7%	24,730	0.8 □
10/29	21,732	0.9%	24,536	0.7%

# Vaccination Progress: Ages 5-11

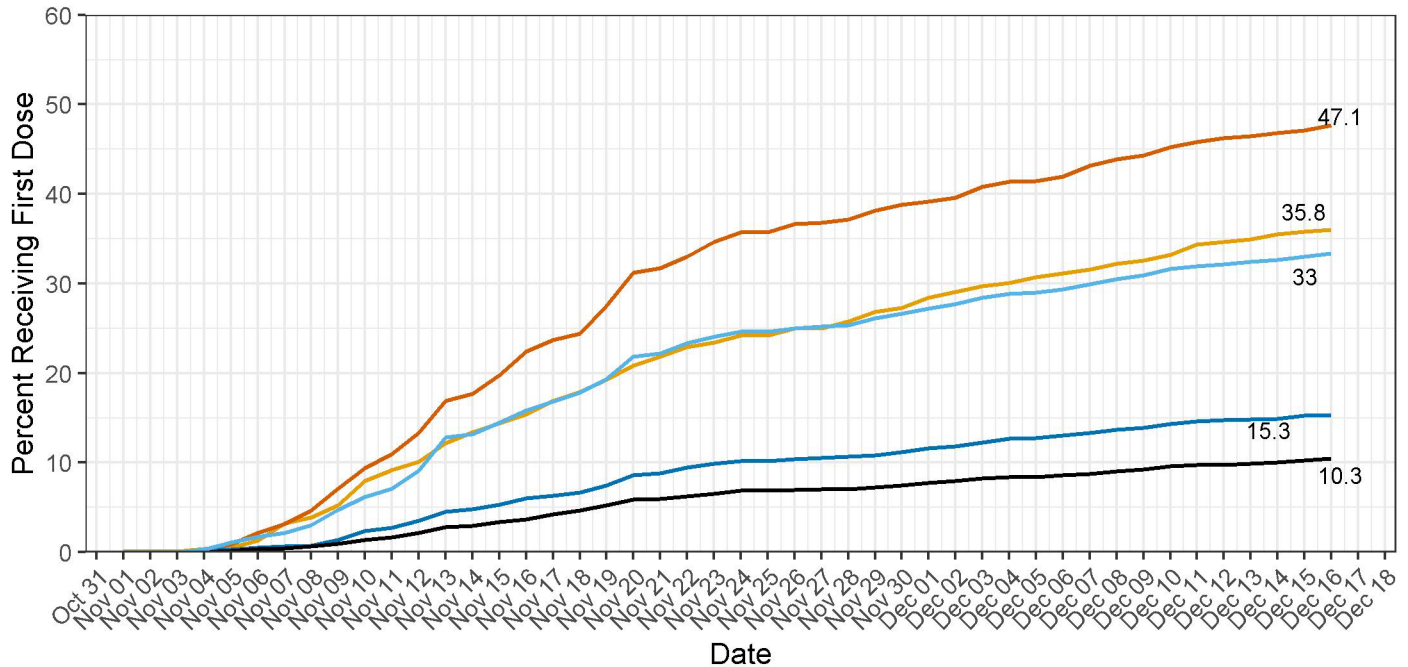
## Cumulative % Receiving First Dose



Data Source: NMSIIS and Tiberius and includes only New Mexico residents

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 5-11

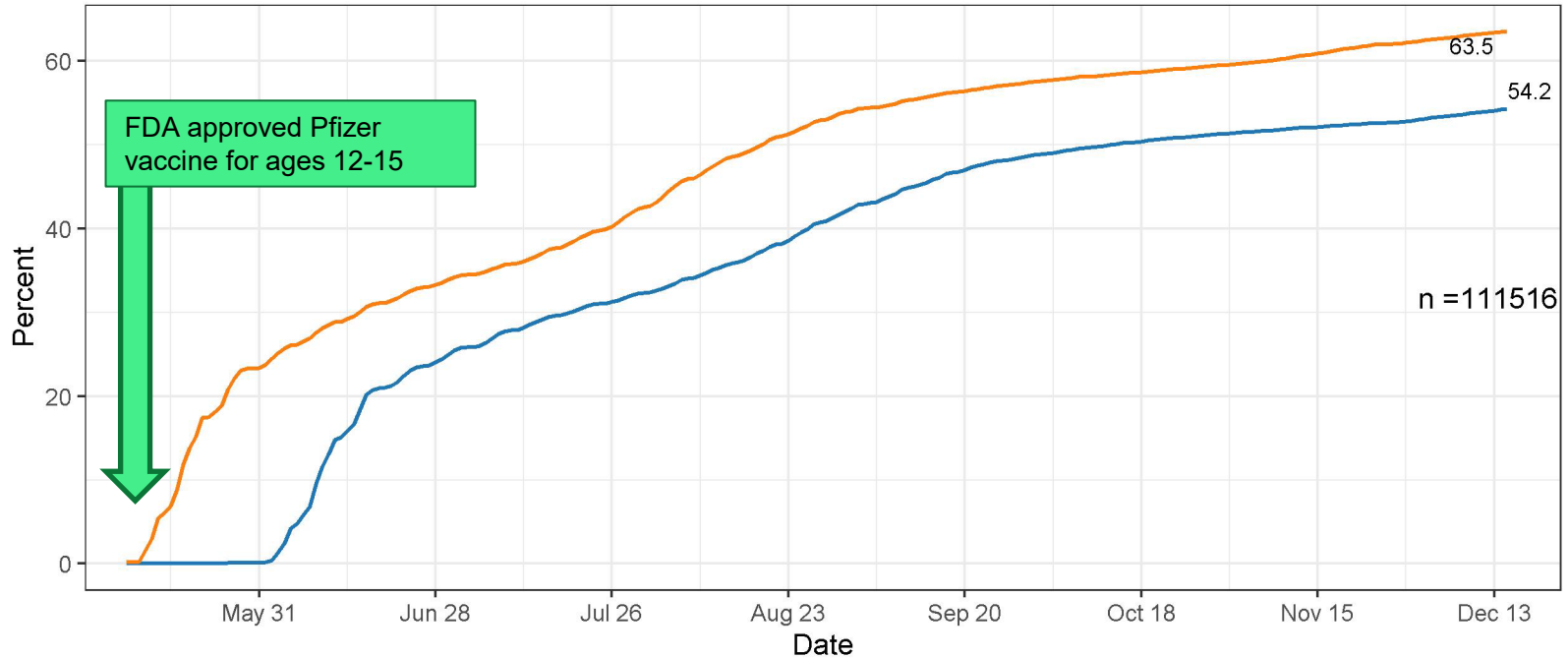


Race/Ethnicity    — American Indian or Alaska Native    — Black or African American    — White  
— Asian or Pacific Islander    — Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-12-15

# Vaccination Progress: Ages 12-15

## Cumulative % Receiving First Dose

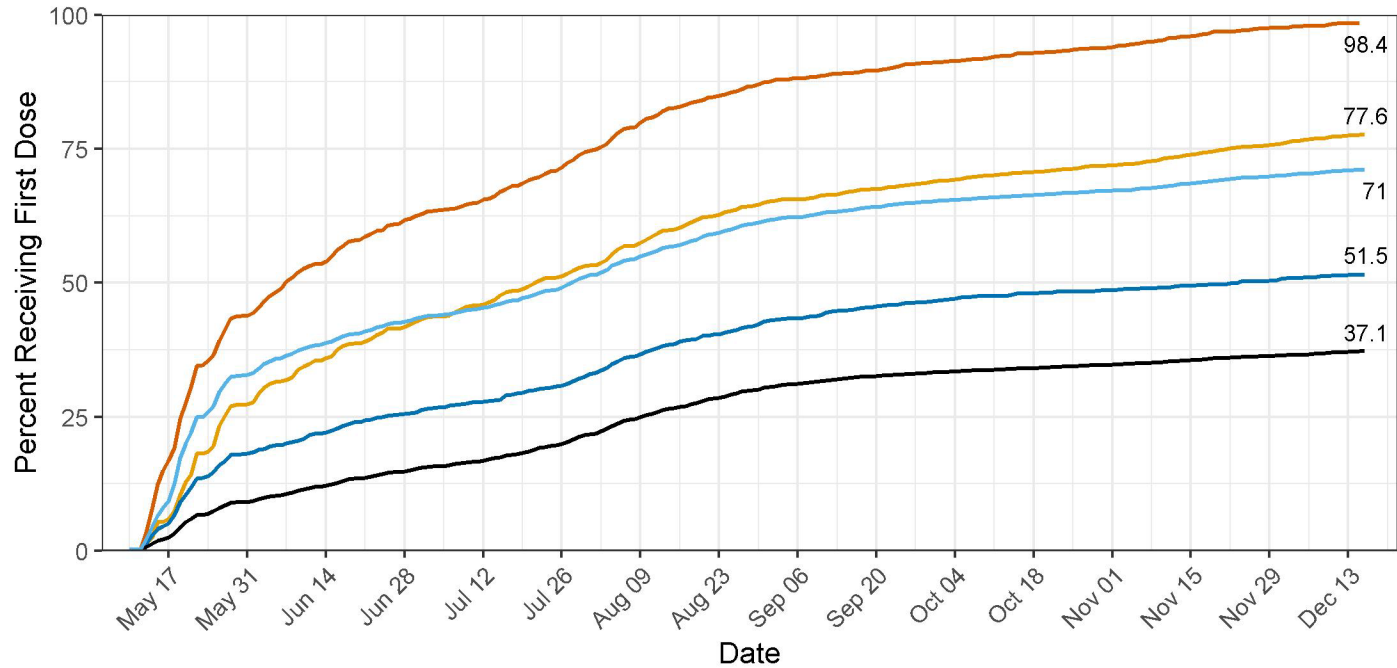


time — Percent Fully Vaccinated — Percent Receiving At Least One Dose

Data Source: NMSIIS and Tiberius and includes only New Mexico residents

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 12-15

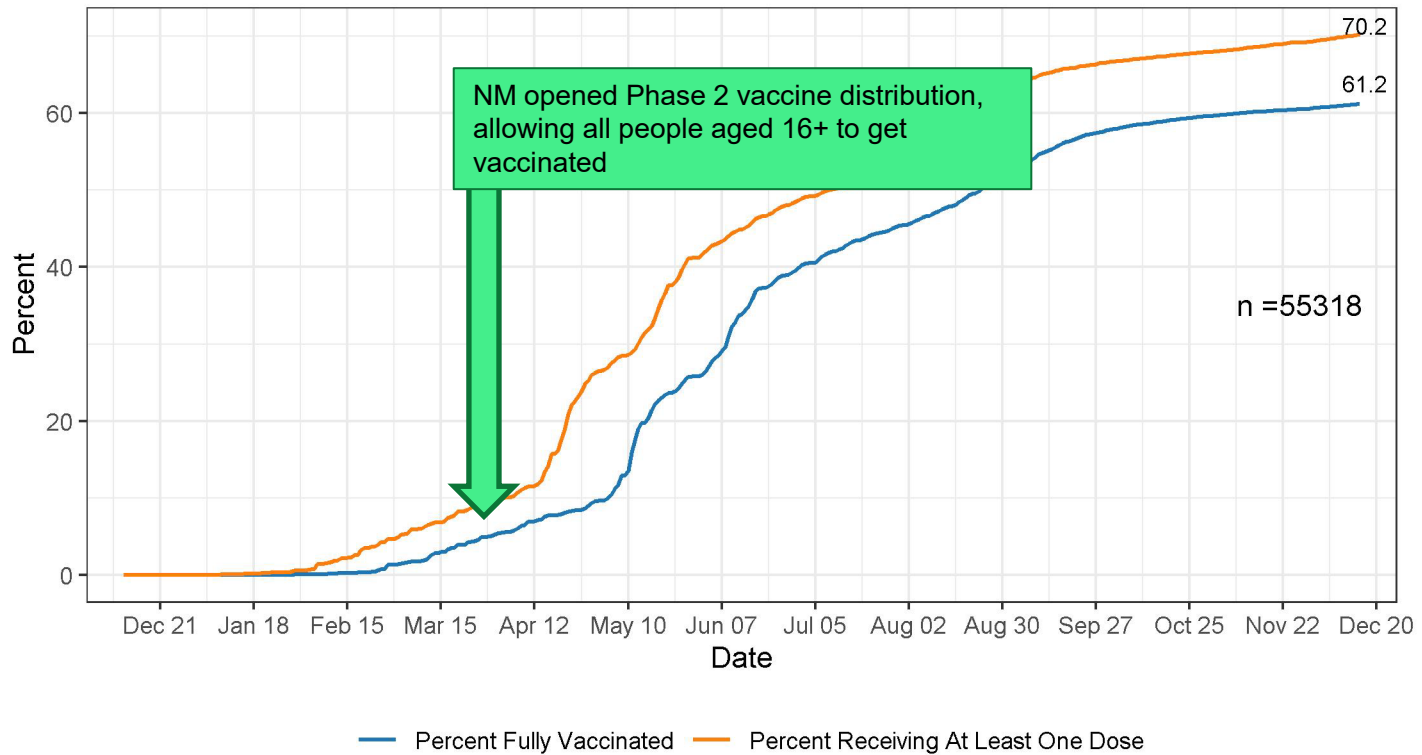


Race/Ethnicity — American Indian or Alaska Native — Black or African American — White  
 — Asian or Pacific Islander — Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-12-15

# Vaccination Progress: Ages 16-17

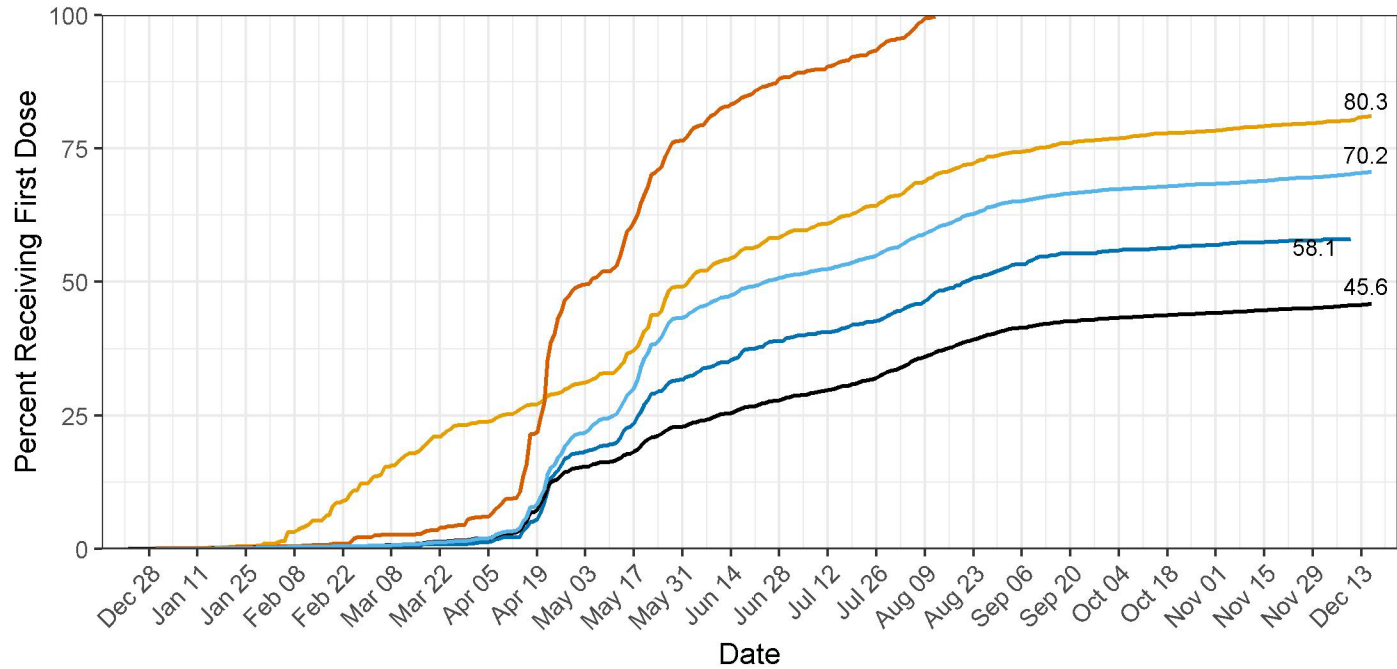
## Cumulative % Receiving First Dose



Data Source: NMSIIS and Tiberius and includes only New Mexico residents

# Vaccination Progress Race/Ethnicity:

## Cumulative % Receiving First Dose: Ages 16-17



Race/Ethnicity

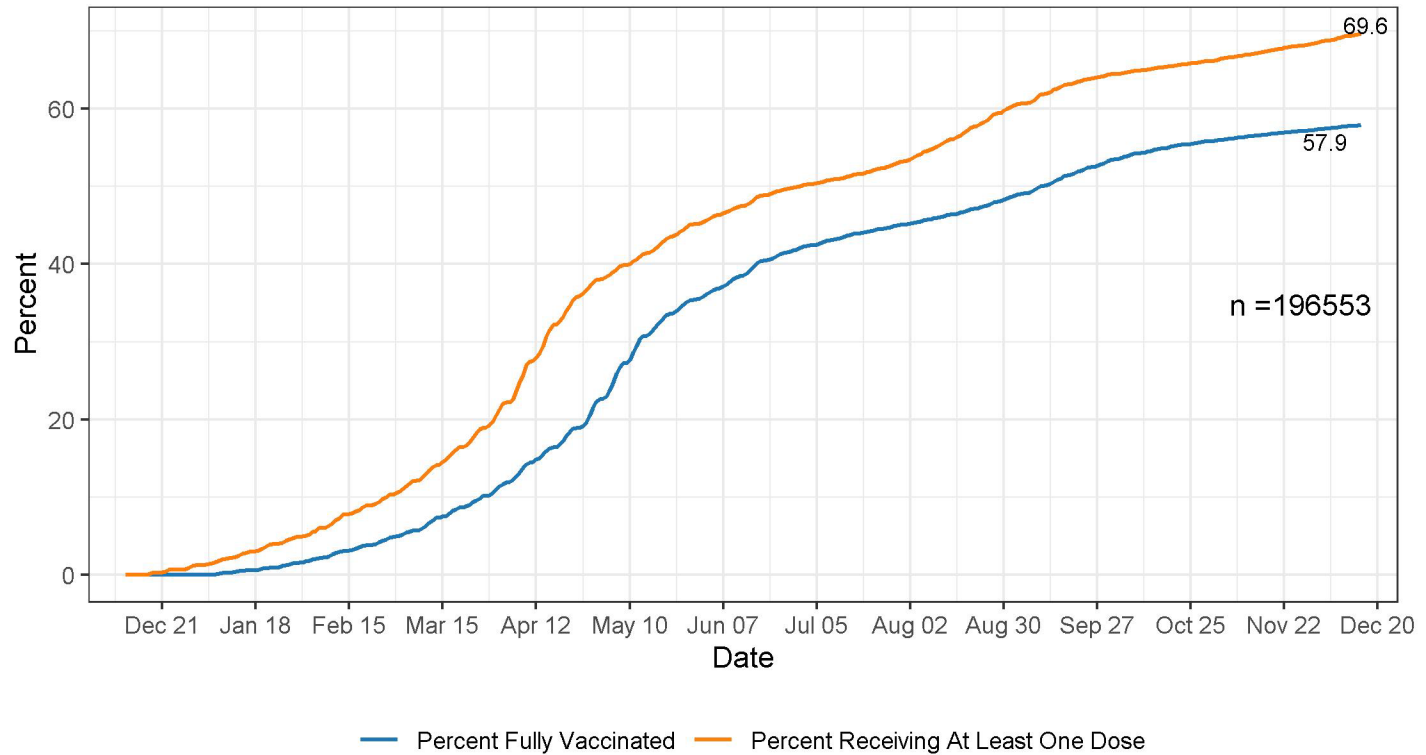
- American Indian or Alaska Native
- Black or African American
- White
- Asian or Pacific Islander
- Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-12-15



# Vaccination Progress: Ages 18-24

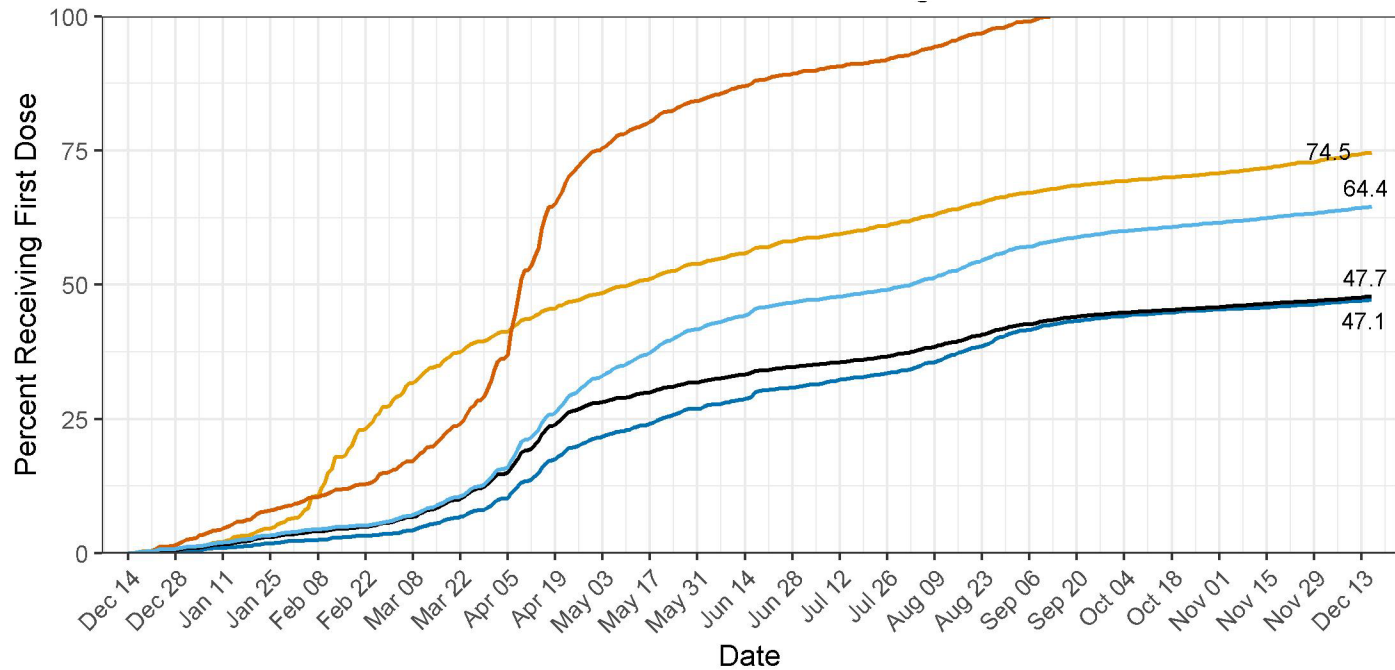
## Cumulative % Receiving First Dose



Data Source: NMSIIS and Tiberius and includes only New Mexico residents

# Vaccination Progress Race/Ethnicity:

Cumulative % Receiving First Dose: Ages 18-24



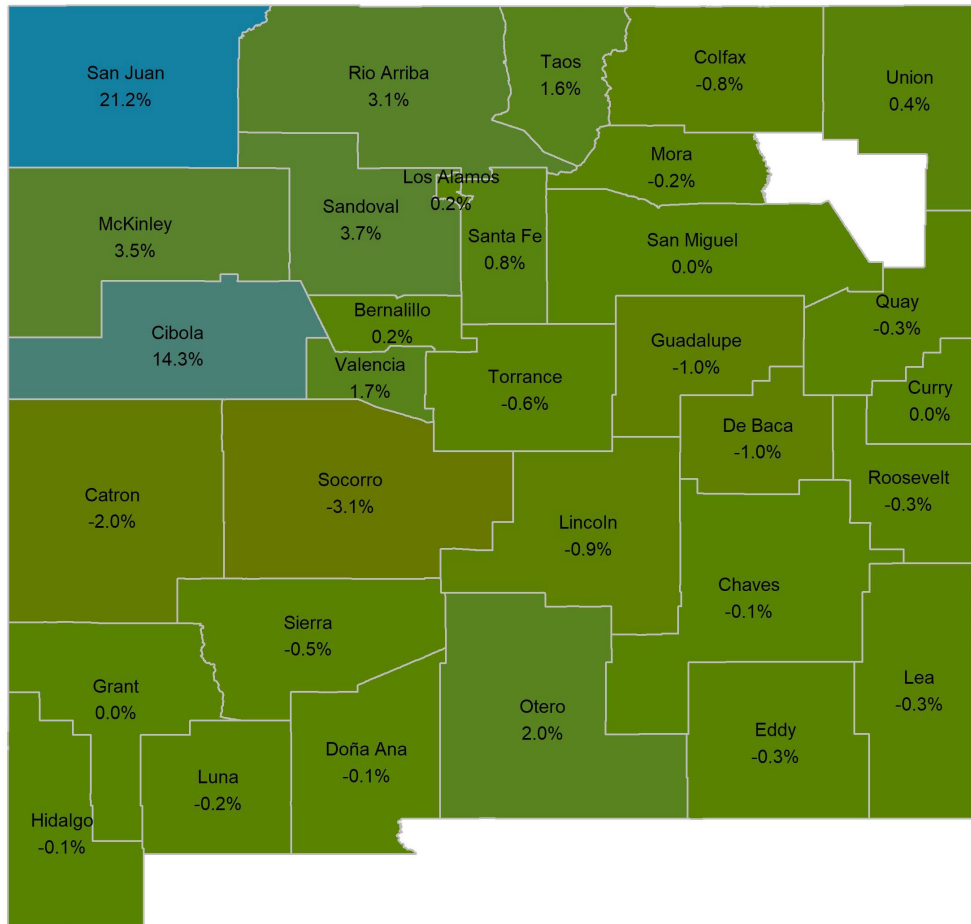
Race/Ethnicity — American Indian or Alaska Native — Black or African American — White — Asian or Pacific Islander — Hispanic or Latino

Data are drawn from the New Mexico State Immunization Information System (NMSIIS) and include only residents of New Mexico. Label shows data of 2021-12-15

# Vaccine Equity: Race/Ethnicity and Geography

# Geographic Vaccine Disparity by Race/Ethnicity

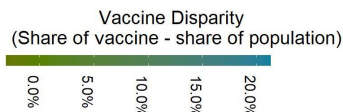
## American Indian or Alaskan Natives



How to read this slide:

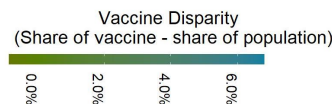
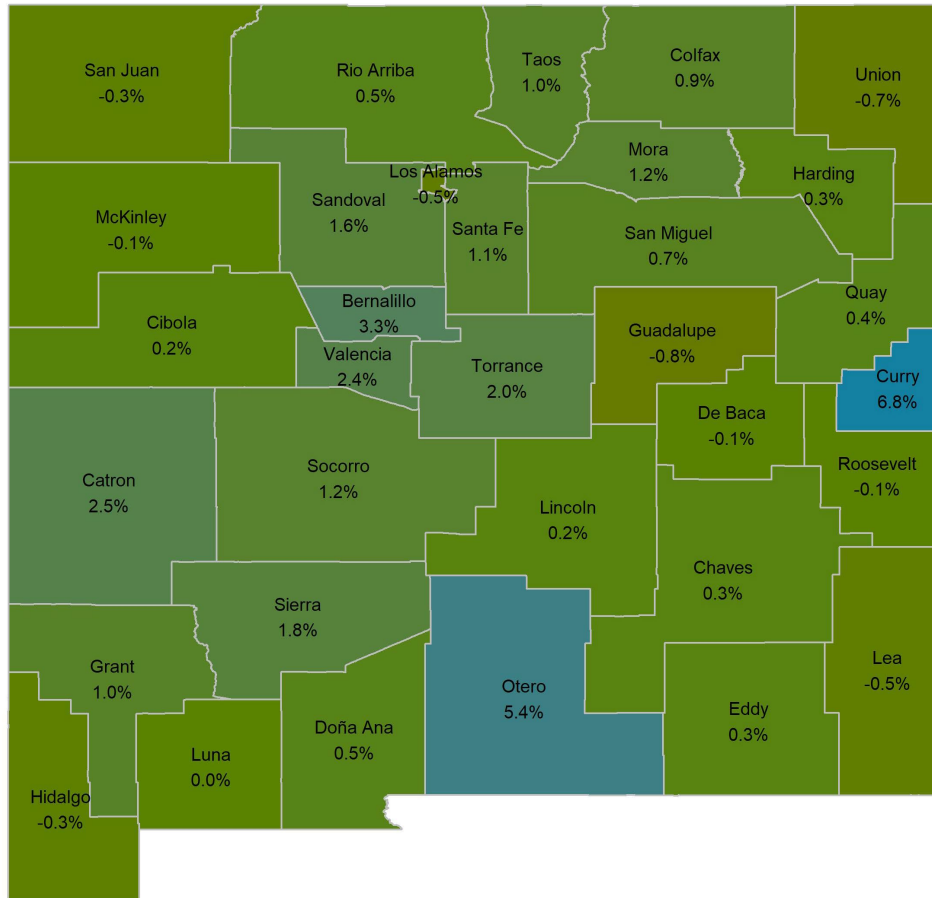
In San Juan County, the share of vaccination for AI/AN is 21.2% higher than the 'share' (proportion) of population.

In Catron County, the share of vaccination for AI/AN is 2.0% lower than the 'share' (proportion) of population.



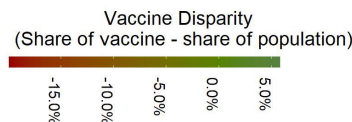
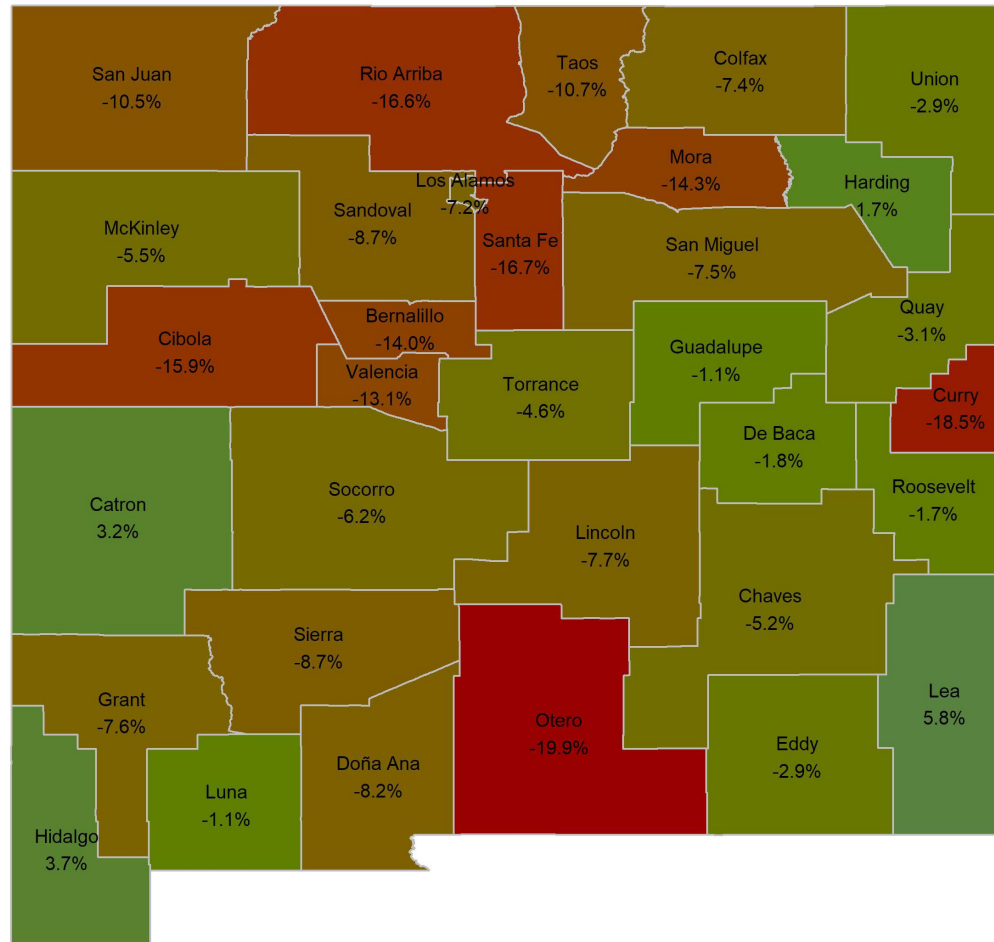
# Geographic Vaccine Disparity by Race/Ethnicity

## Black or African American



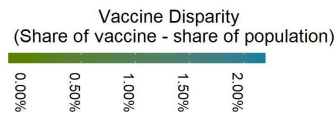
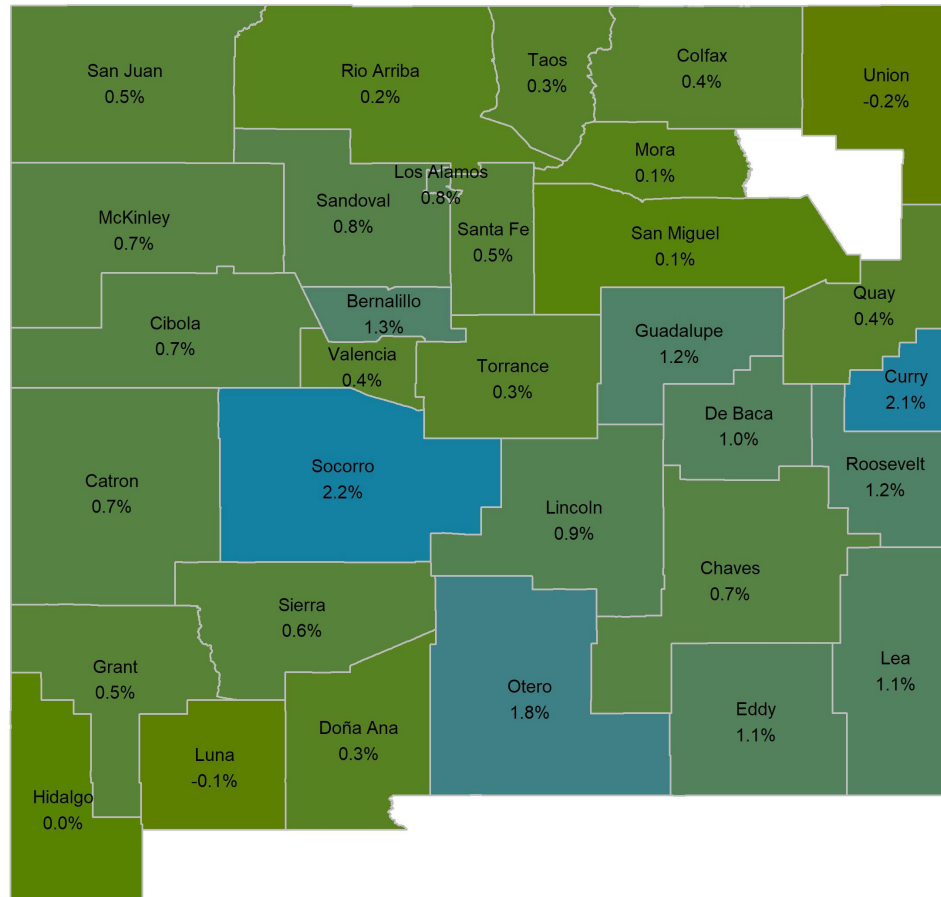
# Geographic Vaccine Disparity by Race/Ethnicity

## Hispanic or Latino



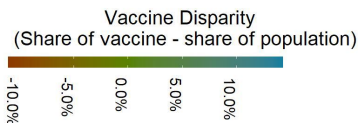
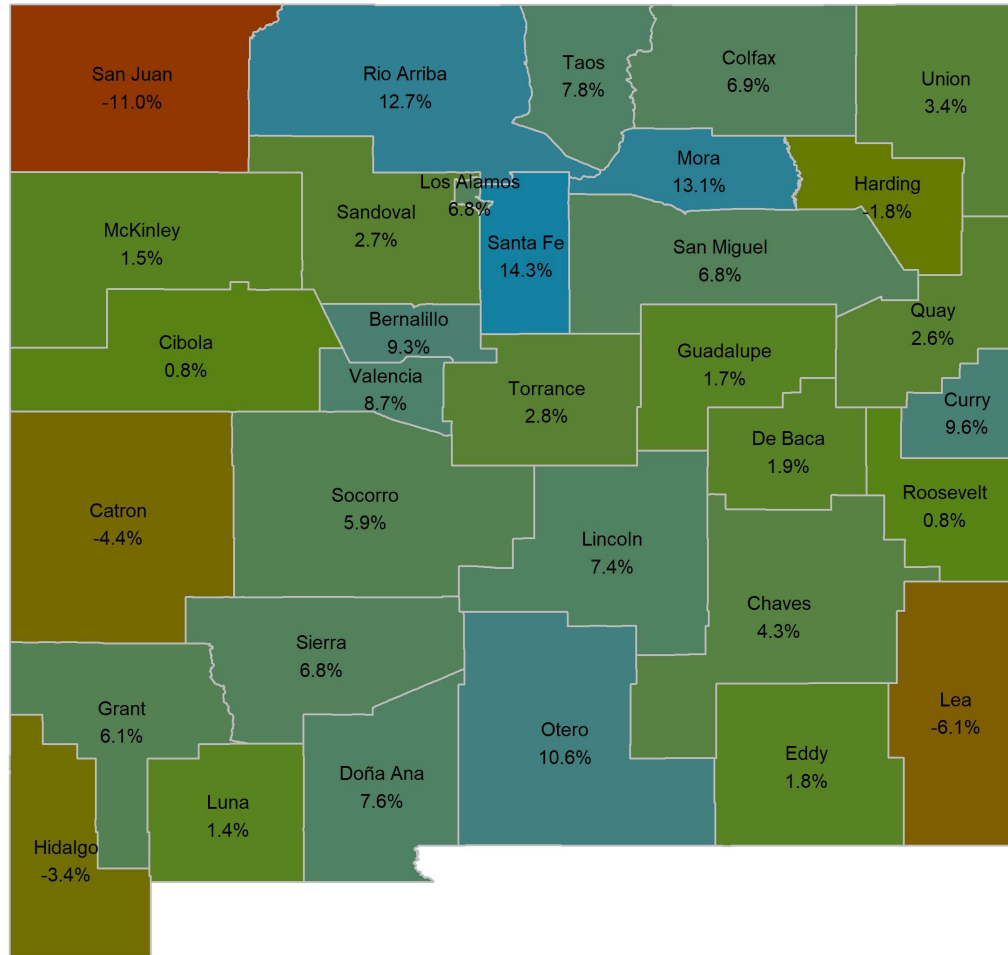
# Geographic Vaccine Disparity by Race/Ethnicity

## Asian or Pacific Islanders



# Geographic Vaccine Disparity by Race/Ethnicity

## White



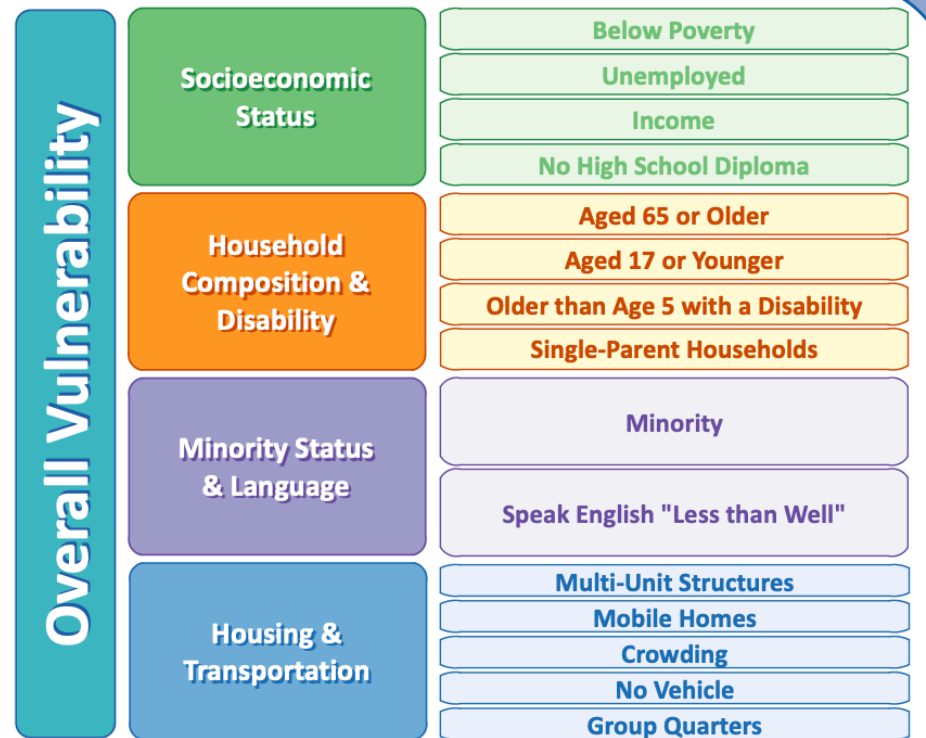


# Vaccine Equity: Social Vulnerability Index (SVI)

**Social Vulnerability Index (SVI):**

# Social Vulnerability Index (SVI)

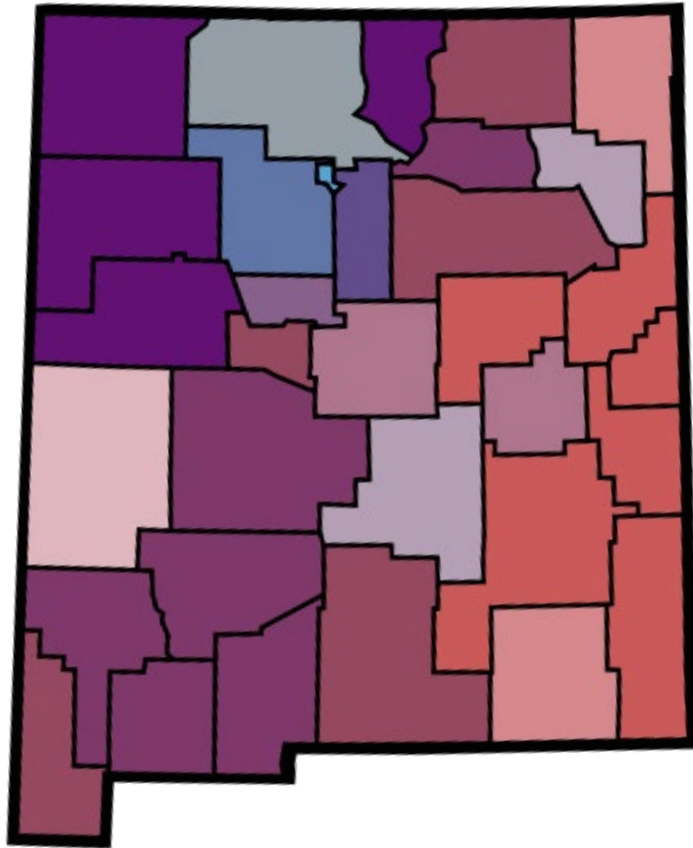
- **Social Vulnerability Index:** Uses U.S. Census Data to Determine Relative social Vulnerability of each Census tract
- Based on four related themes: socioeconomic status; household composition and disability; minority status & language; housing and transportation
- 1.0 =highest vulnerability
- 0 =Lowest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

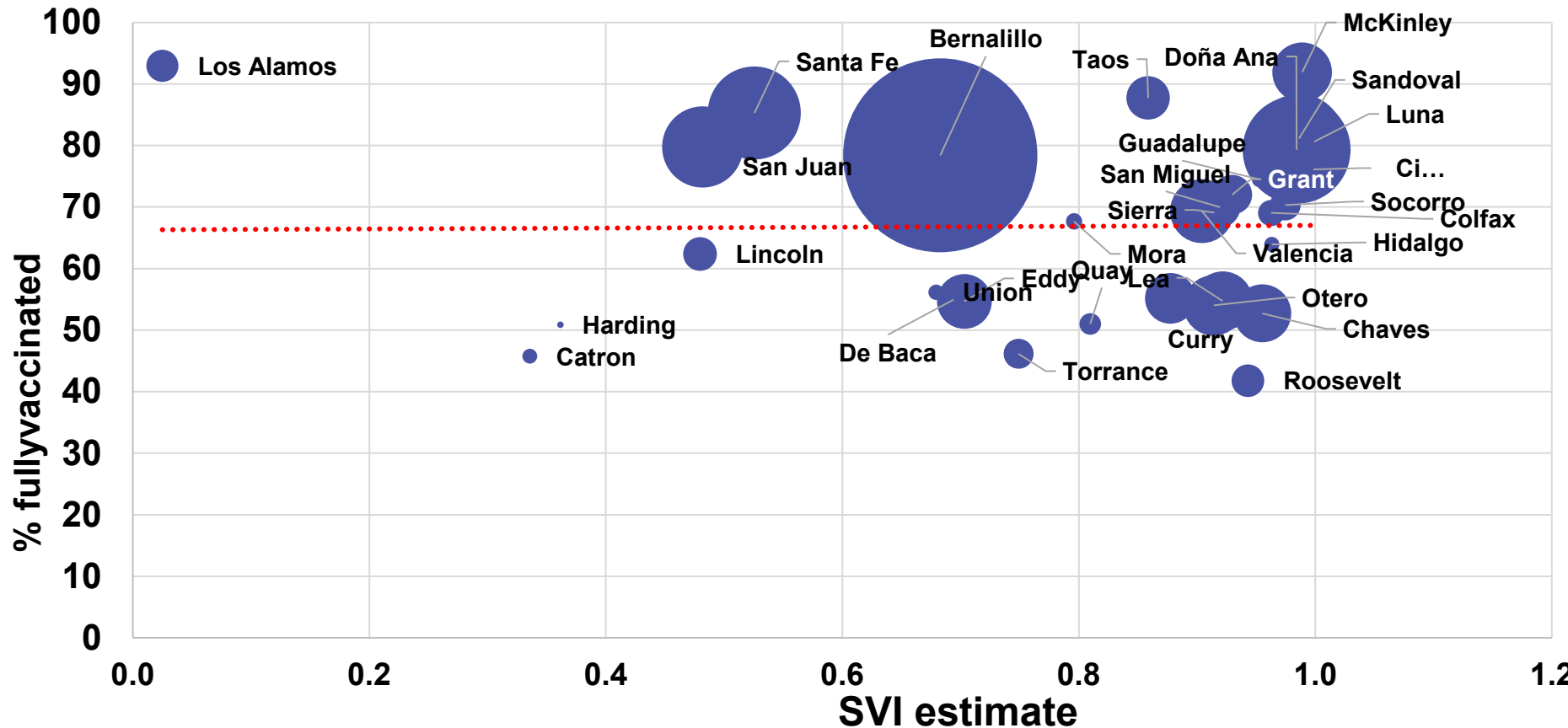


*\*Counties with lower reporting completeness for vaccination coverage should be interpreted with caution.*

Vaccination Coverage (VC)	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

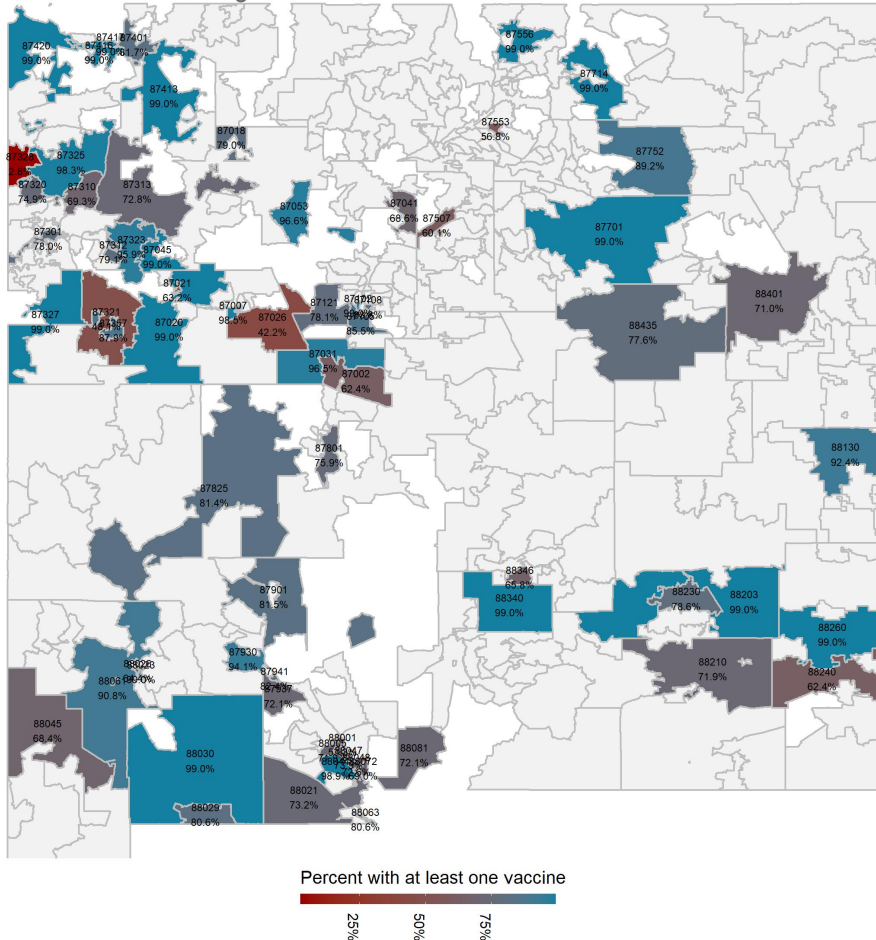


Data sources: NMSIIS and Tiberius; vaccination data as of 12/20/2021.  
 County population denominators are for those 18 years and older.

# Vaccination Rates for Highest SVI Communities

## Vaccination Rates (Ages 5 and Over)

In Communities with High SVI



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 12/20/2021**



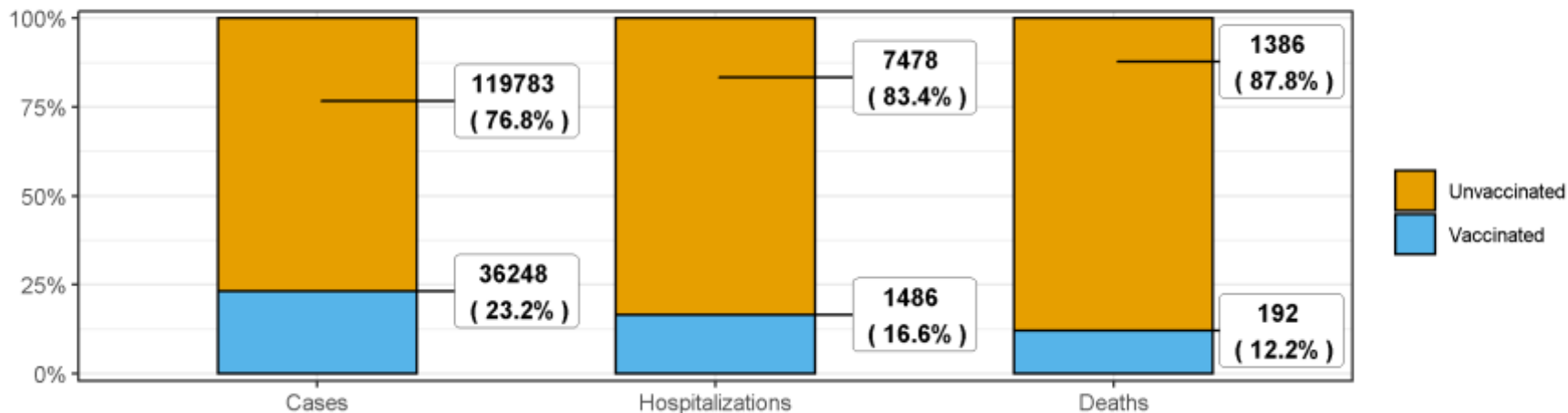
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# Vaccines Work!

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 - 13 December, 2021



12/13/21 [Vaccination-Case-Report-2021-12-13.pdf \(nmhealth.org\)](#)