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*Governor*



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State of Nevada  
**Department of Health and  
Human Services**

COVID-19 Update for the Maternal and Child Health Advisory Board

Office of Analytics  
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# Key Takeaways

## Childbearing-Age Women

**20.5 percent**  
of the Nevada Population

*But*

**26.9 percent**  
of COVID-19 cases

**1.8 percent**  
of COVID-19 deaths

**22.4 percent**  
of vaccinations completed

## Youth Population

**26.1 percent**  
of the Nevada population

*But*

**16.3 percent**  
of COVID-19 cases

**0.1 percent**  
of COVID-19 Deaths

**13.2 percent**  
of vaccinations completed



# Key Concepts and Definitions

## Overrepresentation and Underrepresentation

Terms used for the purpose of this presentation to describe the relative prevalence of a specific metric between demographic groups.

Determined by comparing the distribution of a specific indicator against the general distribution of the demographic groups.

## Example

80 percent of cars are blue, while the remaining 20 percent are orange. However, 60 percent of speeding tickets are given to orange cars. Thus, orange cars are overrepresented by 40 percentage points.



# Data Sources

Fetal Death, Nevada Electronic Birth and Death Registry

for COVID-19 cases during pregnancy.

Nevada WebIZ

for COVID-19 vaccination data.

NBS and Paper Labs

for COVID-19 case data.

COVID-19 Deaths Reported to State of Nevada

for COVID-19 death data.



# COVID-19 Cases

**868,630 Cases**

Cumulative Count  
(Confirmed + Probable)

**324 Confirmed Cases**

14-Day Moving Average

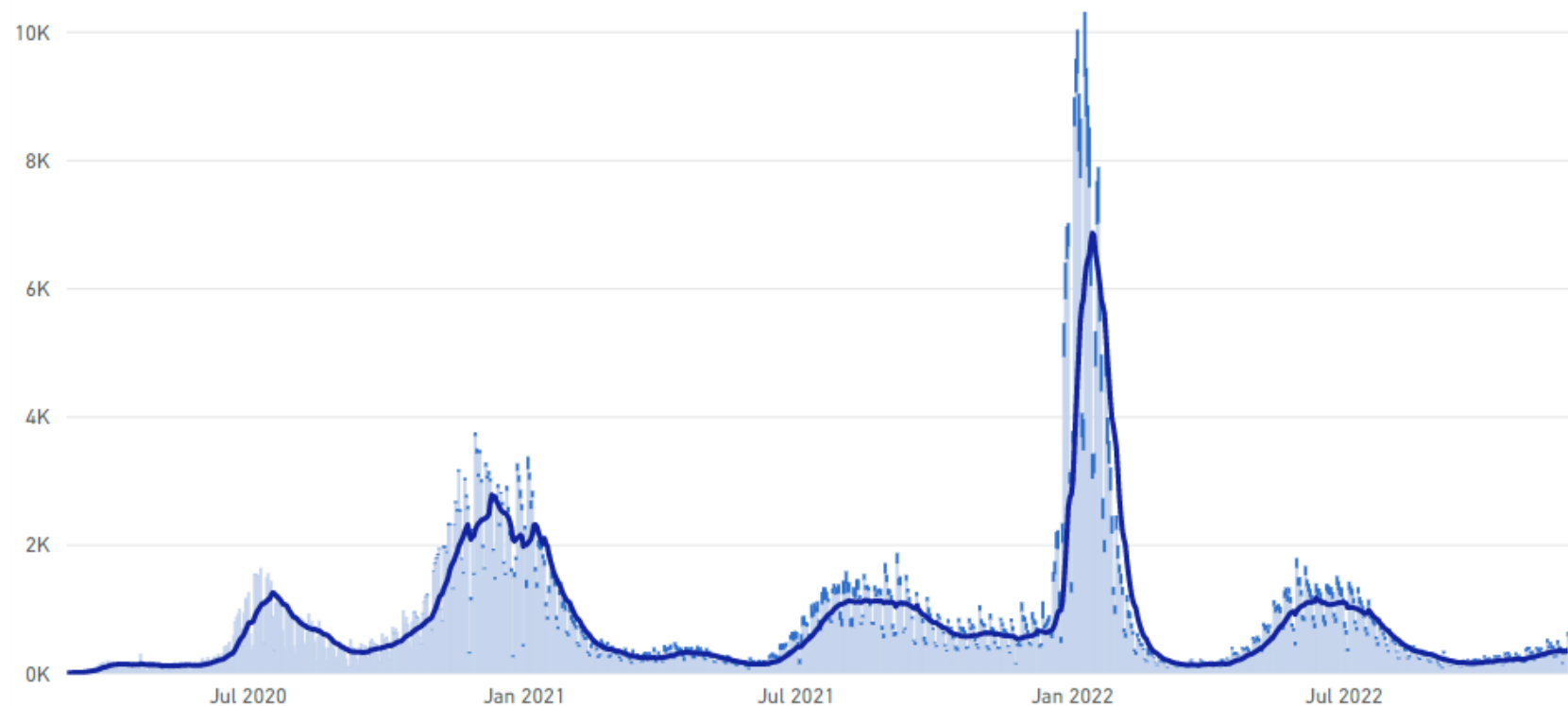
**34 Probable Cases**

14-Day Moving Average

DAILY NEW CASES, BY SPECIMEN COLLECTION DATE

STATEWIDE ONLY

● Confirmed ● Probable ● Incomplete - Confirmed ● Incomplete - Probable — 14-day moving avg. — Incomplete - 14-day moving avg.





# COVID-19 Deaths

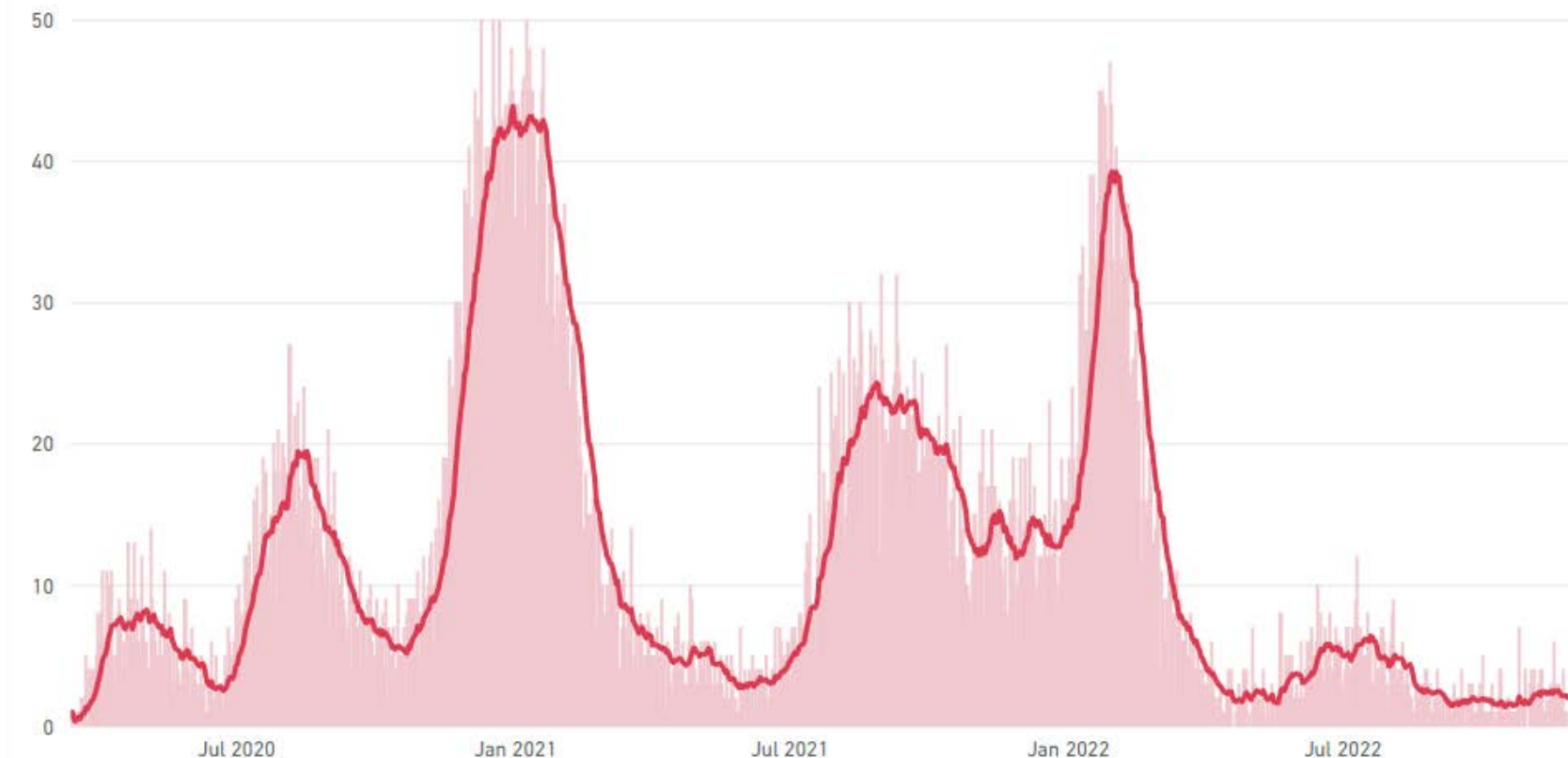
**11,657 Deaths**  
Cumulative Count

**1 New Daily Deaths**  
14-Day Moving Average

DAILY DEATHS OVER TIME

STATEWIDE ONLY

● Daily Deaths ● Data incomplete for the most recent dates — Daily Deaths (14-day moving avg.) — Incomplete data (14-day moving avg.)





# COVID-19 Vaccinations

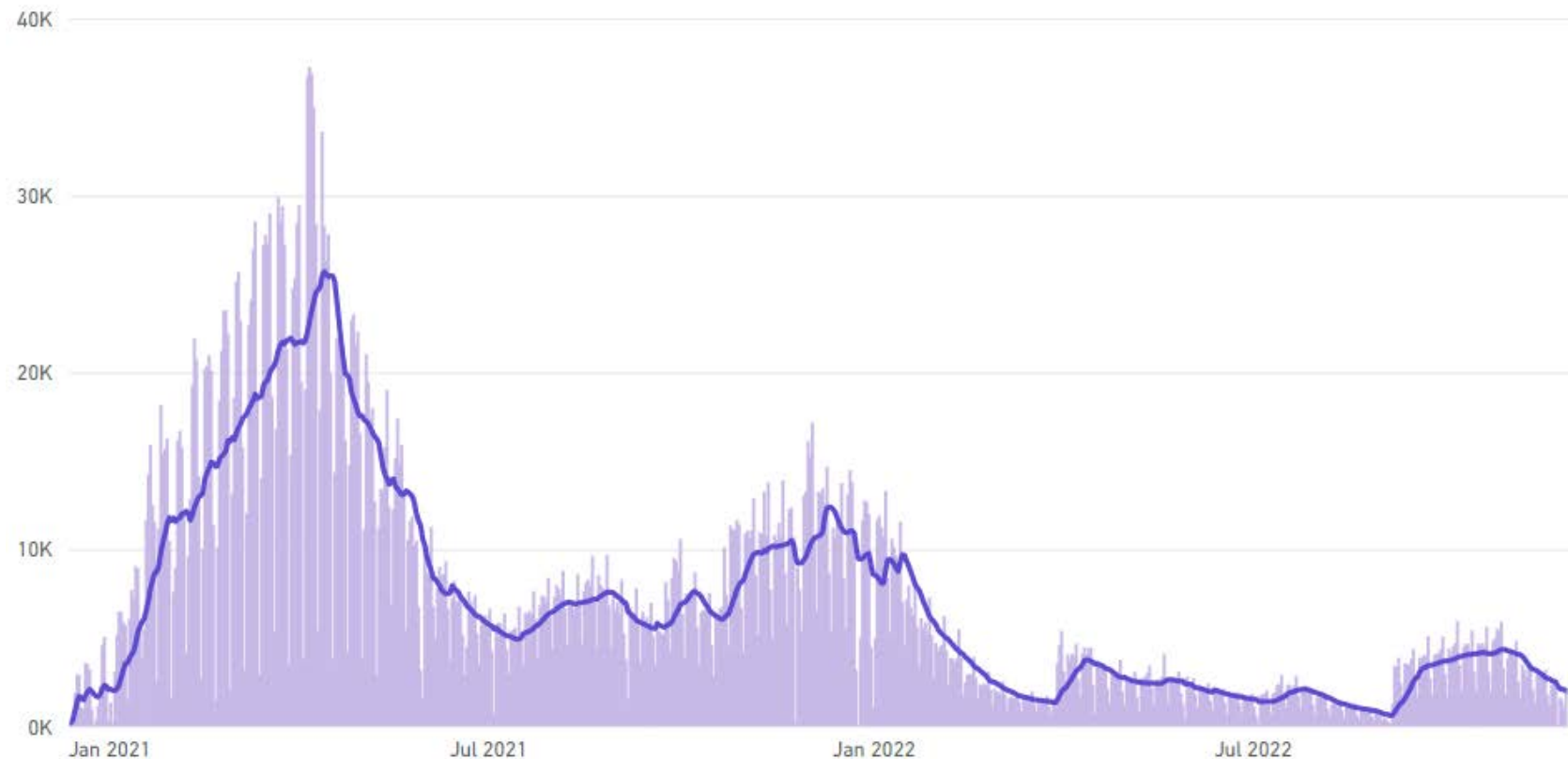
**4,982,142 Total Doses**  
Reported as Administered

**55.7% Completed**  
Primary Vaccination Series

DAILY NEW DOSES ADMINISTERED

STATEWIDE ONLY

● New Doses ● Data incomplete for recent dates — New Doses (14-day moving avg.) — Incomplete data (14-day moving avg.)





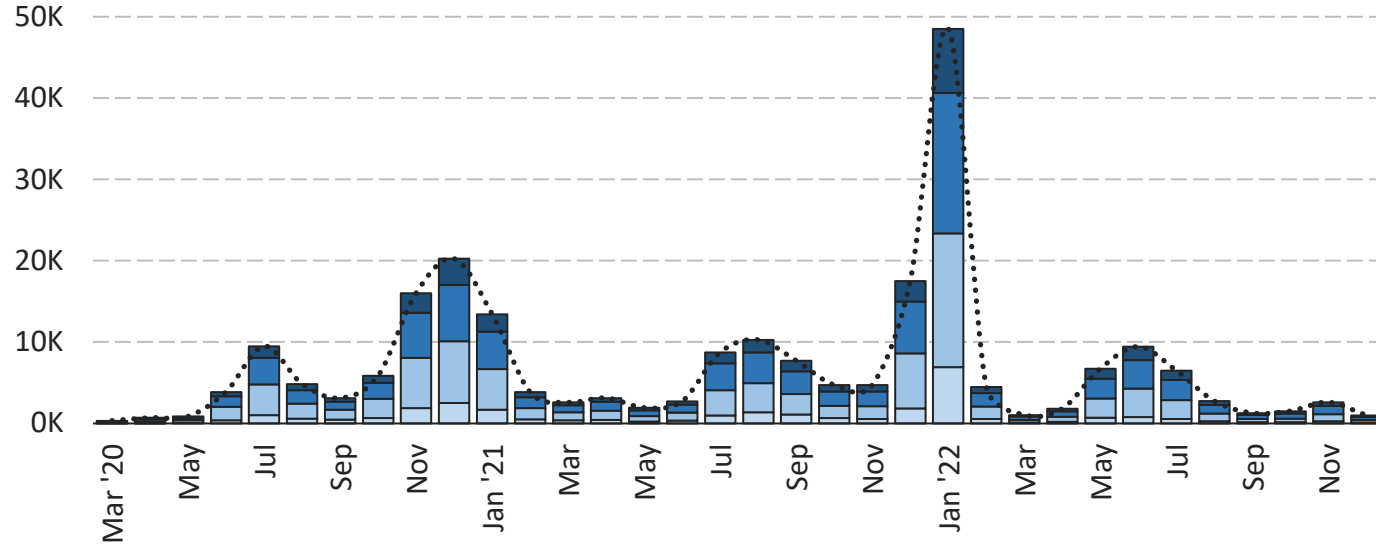
# Childbearing-Age Women





# Childbearing-Age Women (15 – 44 Years Old) COVID-19 Cases by Age Group

COVID-19 Cases for Childbearing-Age Women by Age Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

26.9 percent of COVID-19 cases

**For childbearing-age women in 2022:**

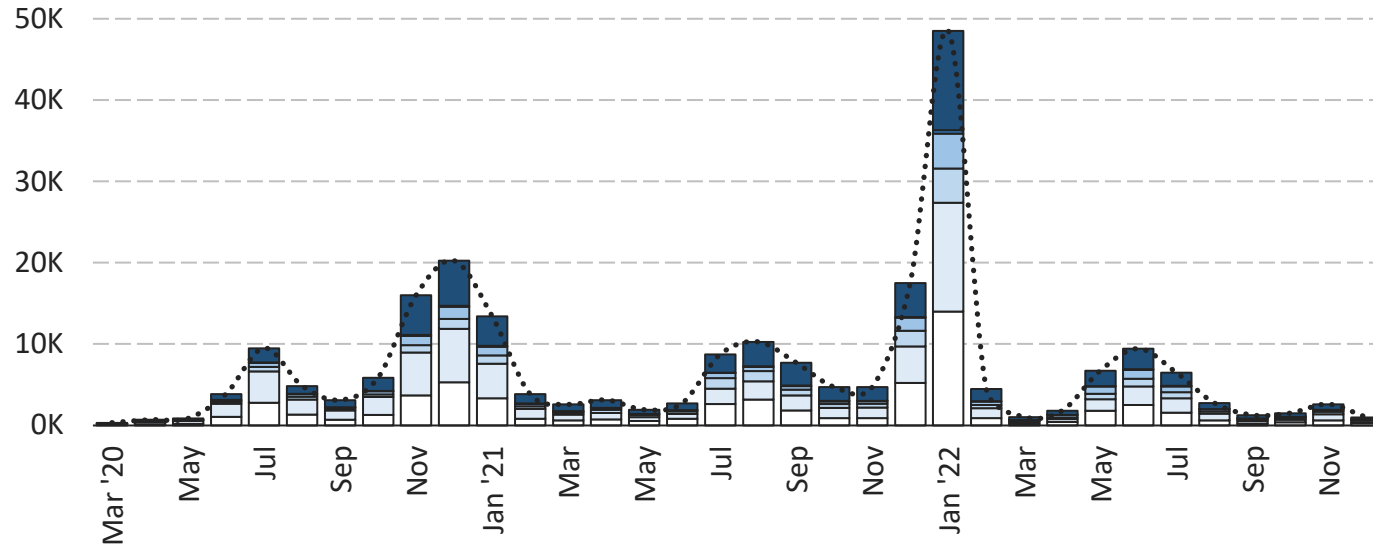
30-year-old to 39-year-old women were the most overrepresented group

15-year-old to 19-year-old women were the most underrepresented group

CHILDBEARING-AGE WOMEN BY AGE GROUP	'20 CASES	'21 CASES	'22 CASES	CHILDBEARING-AGE POPULATION
15-to-19 Years Old	11.6%	12.2%	12.1%	<b>16.8%</b>
20-to-29 Years Old	38.7%	36.2%	34.4%	<b>33.3%</b>
30-to-39 Years Old	34.2%	36.2%	36.6%	<b>33.4%</b>
40-to-44 Years Old	15.4%	15.4%	16.9%	<b>16.4%</b>

# Childbearing-Age Women (15 – 44 Years Old) COVID-19 Cases by Race/Ethnicity Group

COVID-19 Cases for Childbearing-Age Women by Race/Ethnicity Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

26.9 percent of COVID-19 cases

For childbearing-age women in 2022:

Black women were the most overrepresented group

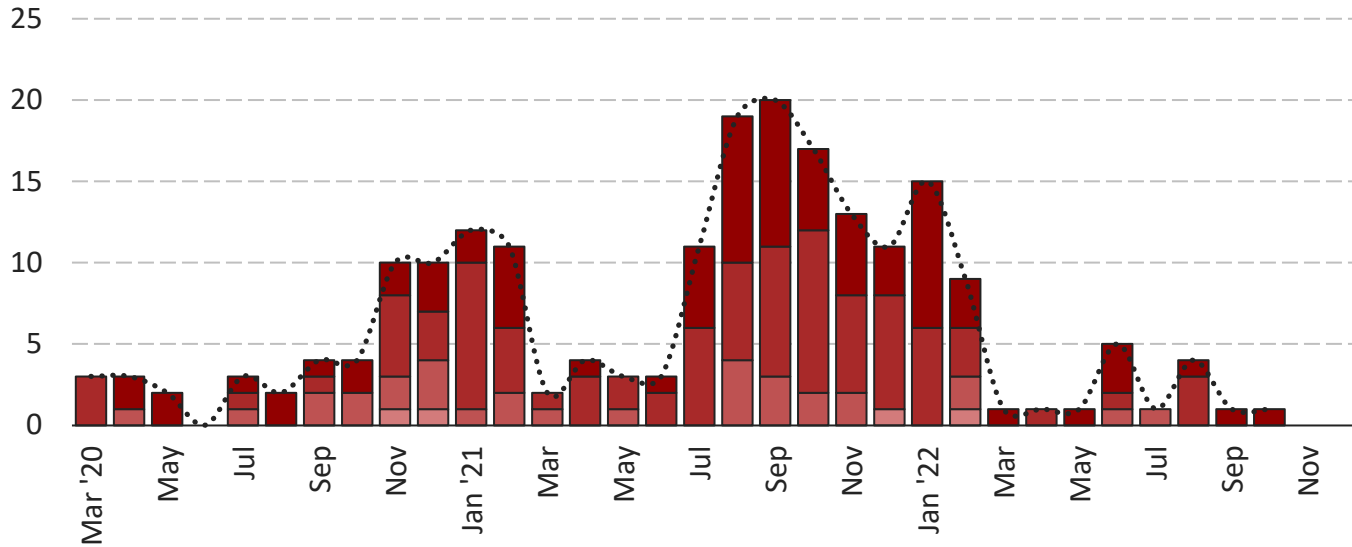
White women were the most underrepresented group

CHILDBEARING-AGE WOMEN BY RACE/ETHNICITY GROUP	'20 CASES	'21 CASES	'22 CASES	CHILDBEARING-AGE POPULATION
Hispanic	47.7%	35.3%	36.1%	<b>36.9%</b>
Black, non-Hispanic	8.2%	14.5%	12.9%	<b>9.4%</b>
Asian/Pacific Islander, non-Hispanic	9.0%	9.8%	13.7%	<b>10.9%</b>
American Indian/Alaska Native, non-Hispanic	0.9%	1.1%	1.1%	<b>1.2%</b>
White, non-Hispanic	34.2%	39.3%	36.1%	<b>41.7%</b>

Note: white boxes in the chart represent "other/unknown" race/ethnic groups. Those values were omitted from the percentages in the table above.

# Childbearing-Age Women (15 – 44 Years Old) COVID-19 Deaths by Age Group

COVID-19 Deaths for Childbearing-Age Women by Age Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

1.8 percent of COVID-19 deaths

For childbearing-age women in 2022:

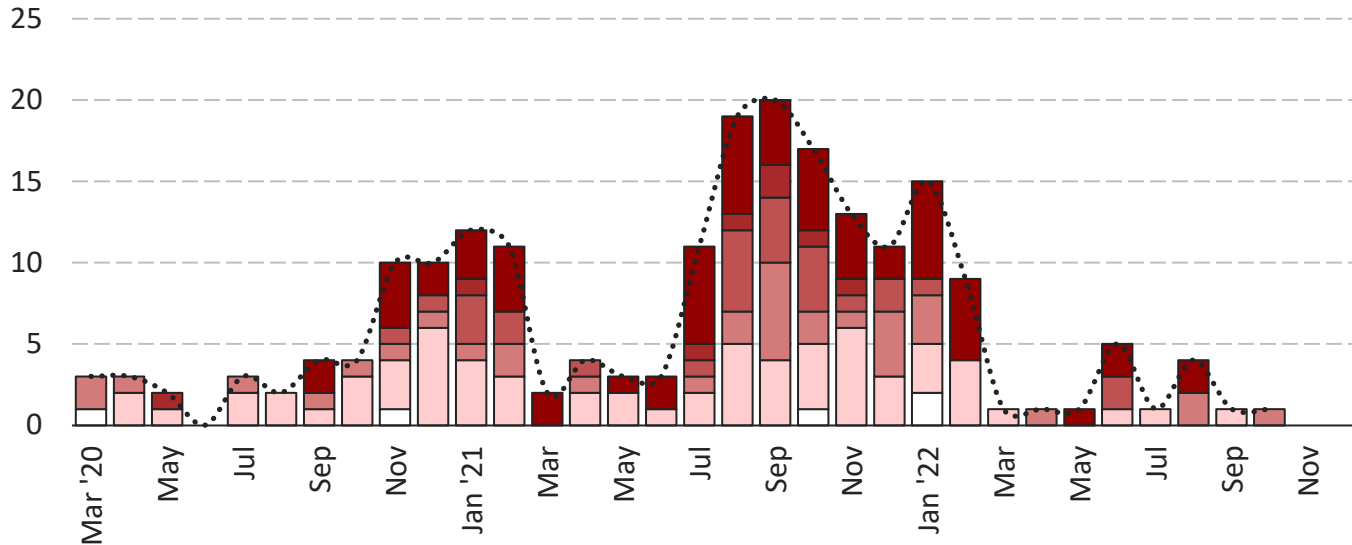
40-year-old to 44-year-old women were the most overrepresented group

20-year-old to 29-year-old women were the most underrepresented group

CHILDBEARING-AGE WOMEN BY AGE GROUP	'20 DEATHS	'21 DEATHS	'22 DEATHS	CHILDBEARING-AGE POPULATION
15-to-19 Years Old	4.9%	0.8%	2.6%	16.8%
20-to-29 Years Old	26.8%	12.7%	10.3%	33.3%
30-to-39 Years Old	31.7%	50.8%	35.9%	33.4%
40-to-44 Years Old	36.6%	35.7%	51.3%	16.4%

# Childbearing-Age Women (15 – 44 Years Old) COVID-19 Deaths by Race/Ethnicity Group

COVID-19 Deaths for Childbearing-Age Women by Race/Ethnicity Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

1.8 percent of COVID-19 deaths

For childbearing-age women in 2022:

Black women were the most overrepresented group

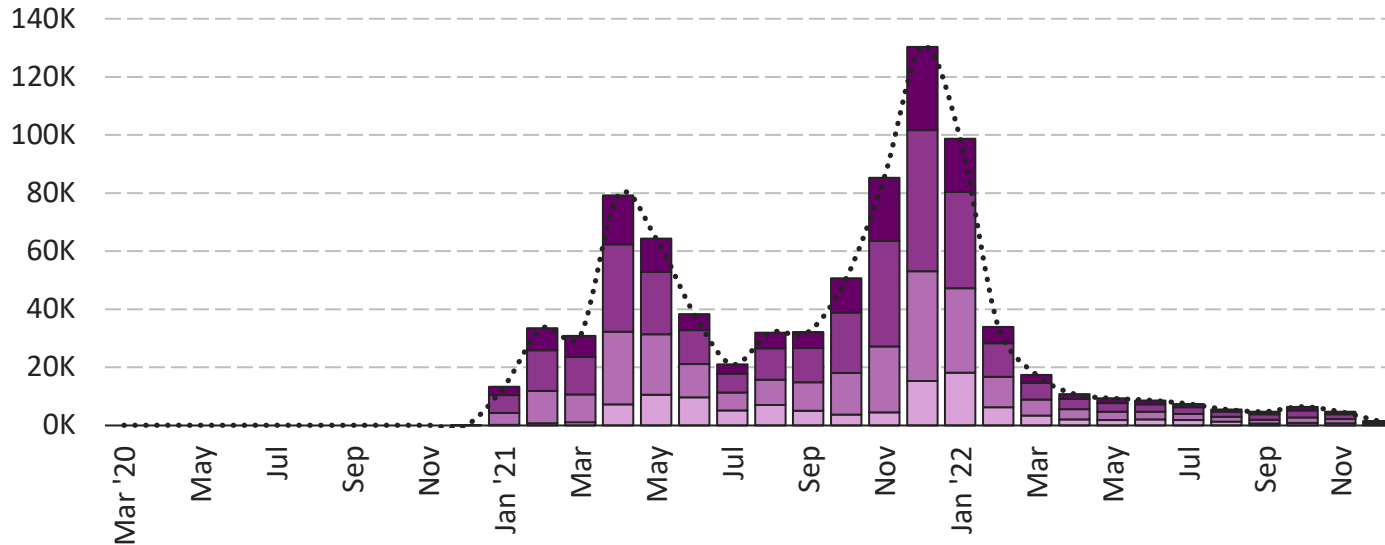
Hispanic women were the most underrepresented group

CHILDBEARING-AGE WOMEN BY RACE/ETHNICITY GROUP	'20 DEATHS	'21 DEATHS	'22 DEATHS	CHILDBEARING-AGE POPULATION
Hispanic	51.3%	28.8%	29.7%	36.9%
Black, non-Hispanic	20.5%	16.0%	18.9%	9.4%
Asian/Pacific Islander, non-Hispanic	5.1%	18.4%	8.1%	10.9%
American Indian/Alaska Native, non-Hispanic	2.6%	5.6%	0.0%	1.2%
White, non-Hispanic	20.5%	31.2%	43.2%	41.7%

Note: white boxes in the chart represent "other/unknown" race/ethnic groups. Those values were omitted from the percentages in the table above.

# Childbearing-Age Women (15 – 44 Years Old) Vaccinations + Boosters by Age Group

Complete Vaccinations + Boosters for Childbearing-Age Women by Age Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

22.4 percent of vaccinations completed

**For childbearing-age women:**

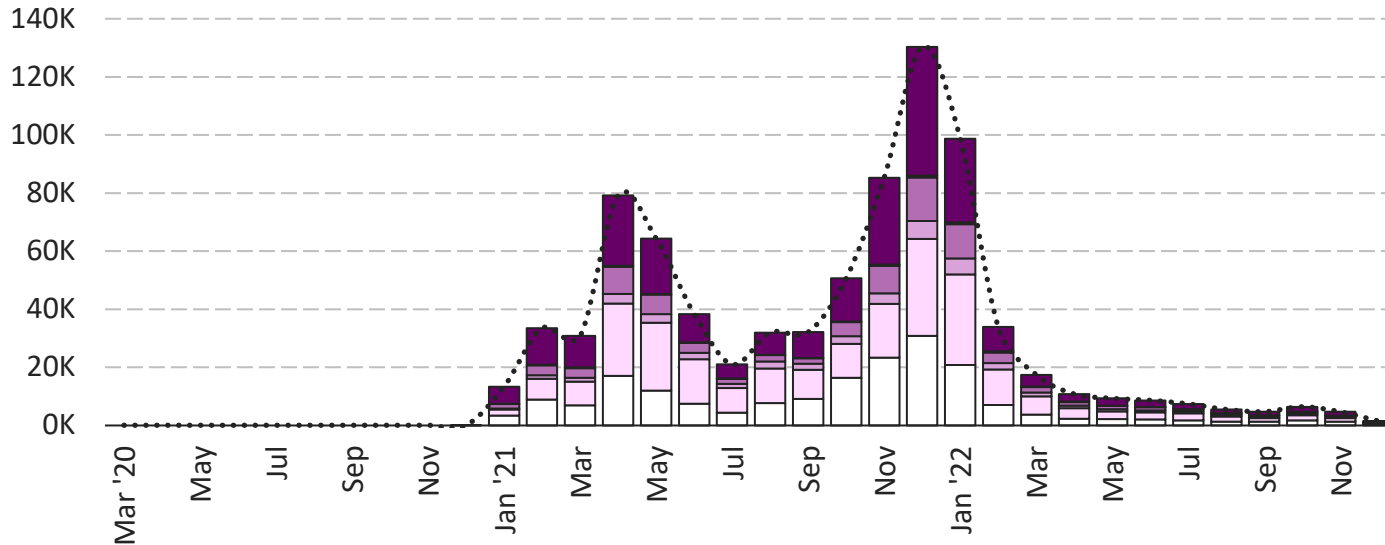
40-year-old to 44-year-old women were the most overrepresented group to receive boosters

30-year-old to 39-year-old women were the most overrepresented group to complete the primary series of vaccination

CHILDBEARING-AGE WOMEN BY AGE GROUP	COMPLETED VACCINATION	RECEIVED BOOSTER	CHILDBEARING-AGE POPULATION
15-to-19 Years Old	14.5%	12.1%	<b>16.8%</b>
20-to-29 Years Old	32.2%	27.7%	<b>33.3%</b>
30-to-39 Years Old	35.5%	37.9%	<b>33.4%</b>
40-to-44 Years Old	17.8%	22.3%	<b>16.4%</b>

# Childbearing-Age Women (15 – 44 Years Old) Vaccinations + Boosters by Race/Ethnicity Group

## Complete Vaccinations + Boosters for Childbearing-Age Women by Race/Ethnicity Group



In Nevada, childbearing-age women are:

20.5 percent of the Nevada population

22.4 percent of vaccinations completed

**For childbearing-age women:**

Asian/Pacific Islander women were the most overrepresented group to receive boosters

Hispanic women were the most overrepresented group to complete the primary series of vaccination

CHILDBEARING-AGE WOMEN BY RACE/ETHNICITY GROUP	COMPLETED VACCINATION	RECEIVED BOOSTER	CHILDBEARING-AGE POPULATION
Hispanic	42.6%	34.7%	<b>36.9%</b>
Black, non-Hispanic	8.0%	5.8%	<b>9.4%</b>
Asian/Pacific Islander, non-Hispanic	12.0%	15.9%	<b>10.9%</b>
American Indian/Alaska Native, non-Hispanic	0.7%	1.0%	<b>1.2%</b>
White, non-Hispanic	36.7%	42.6%	<b>41.7%</b>

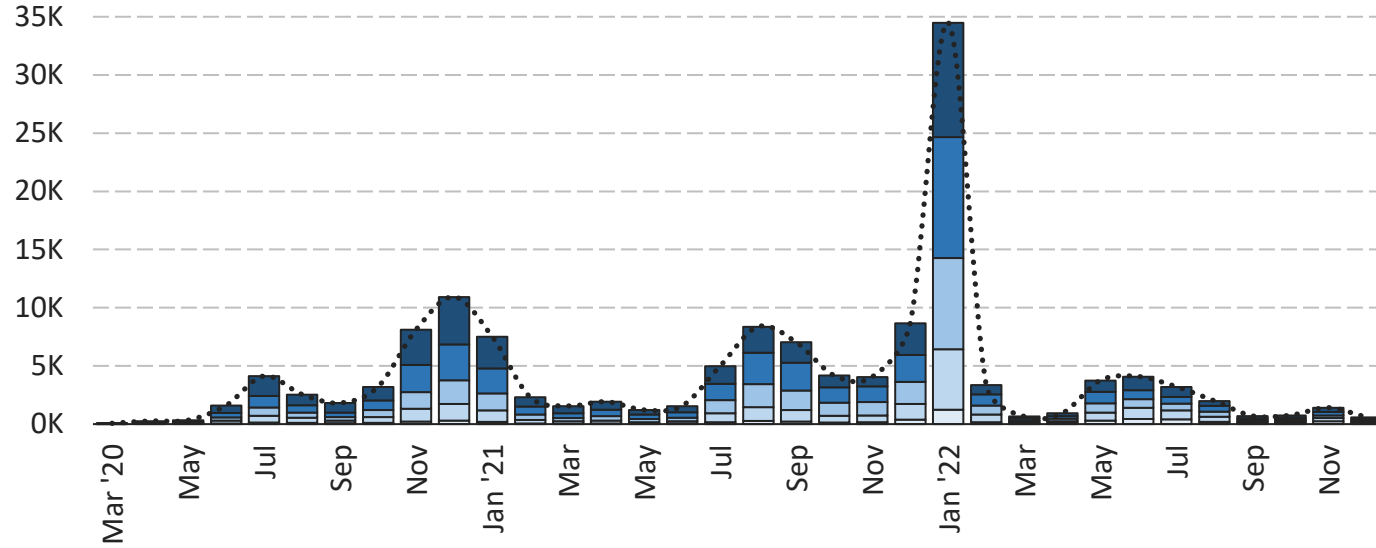
Note: white boxes in the chart represent "other/unknown" race/ethnic groups. Those values were omitted from the percentages in the table above.



# Youth Population

# Youth Population (0 – 19 Years Old) COVID-19 Cases by Age Group

COVID-19 Cases for Youth Population by Age Group



In Nevada, the youth population is:

26.1 percent of the Nevada population

16.3 percent of COVID-19 cases

In the youth population age group in 2022:

16-year-old to 19-year-old youths were the most overrepresented group

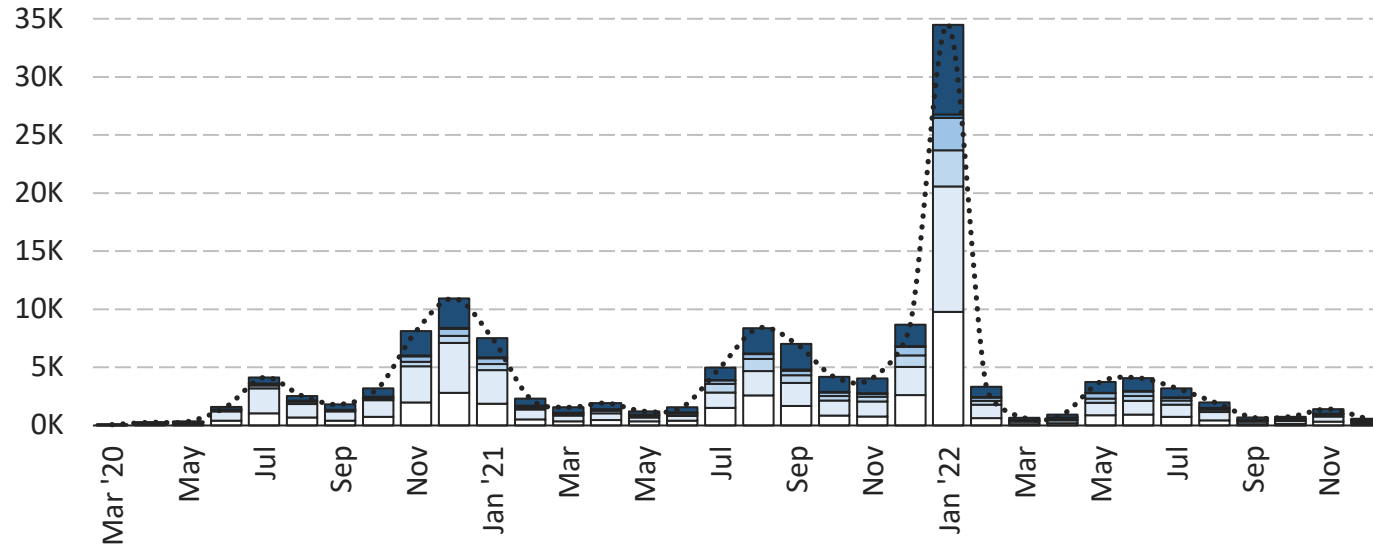
1-year-old to 5-year-old youths were the most underrepresented youths

YOUTH POPULATION BY AGE GROUP	'20 CASES	'21 CASES	'22 CASES	YOUTH POPULATION
<1 Years Old	3.0%	3.1%	6.0%	<b>4.9%</b>
1-to-5 Years Old	14.0%	14.2%	17.4%	<b>24.4%</b>
6-to-10 Years Old	17.9%	22.8%	21.6%	<b>23.7%</b>
11-to-15 Years Old	26.7%	30.3%	27.5%	<b>25.5%</b>
16-to-19 Years Old	38.4%	29.7%	27.5%	<b>21.4%</b>



# Youth Population (0 – 19 Years Old) COVID-19 Cases by Race/Ethnicity Group

COVID-19 Cases for Youth Population by Race/Ethnicity Group



In Nevada, the youth population is:

26.1 percent of the Nevada population

16.3 percent of COVID-19 cases

In the youth population age group in 2022:

Black youths were the most overrepresented group

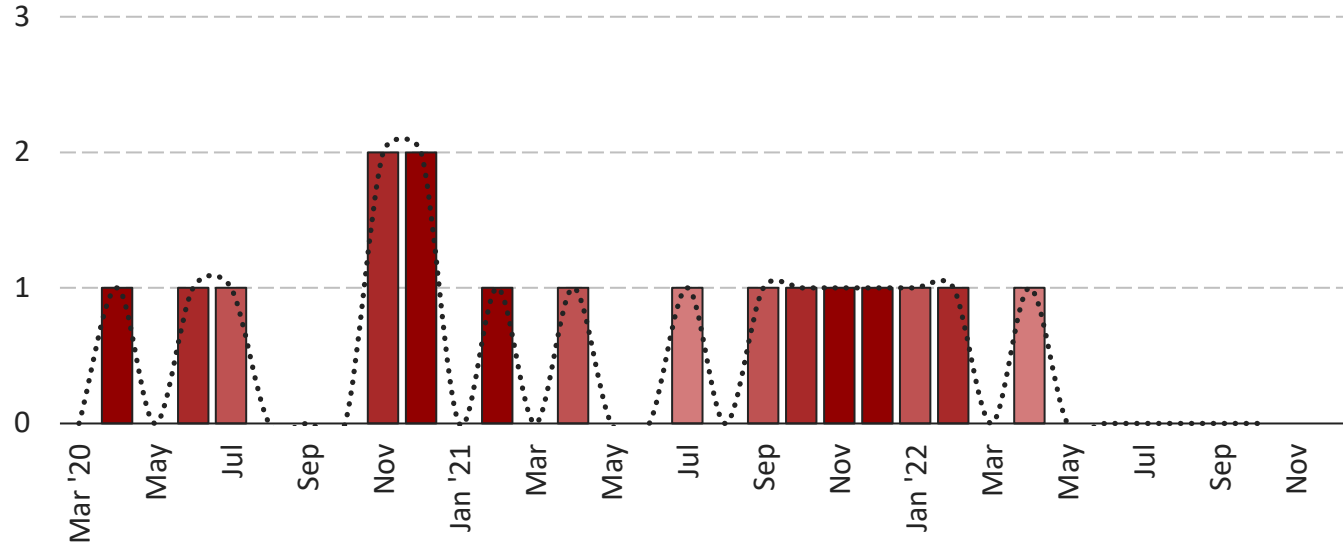
White youths were the most underrepresented group

YOUTH POPULATION BY RACE/ETHNICITY GROUP	'20 CASES	'21 CASES	'22 CASES	YOUTH POPULATION
Hispanic	56.6%	40.6%	42.3%	<b>41.9%</b>
Black, non-Hispanic	12.3%	10.6%	17.0%	<b>10.7%</b>
Asian/Pacific Islander, non-Hispanic	8.7%	9.9%	10.2%	<b>9.8%</b>
American Indian/Alaska Native, non-Hispanic	1.9%	1.7%	1.0%	<b>1.0%</b>
White, non-Hispanic	30.5%	39.5%	31.5%	<b>36.6%</b>

Note: white boxes in the chart represent "other/unknown" race/ethnic groups. Those values were omitted from the percentages in the table above.

# Youth Population (0 – 19 Years Old) COVID-19 Deaths by Age Group

COVID-19 Deaths for Youth Population by Age Group



In Nevada, the youth population is:

26.1 percent of the Nevada population

0.1 percent of COVID-19 deaths

In the youth population age group in 2022:

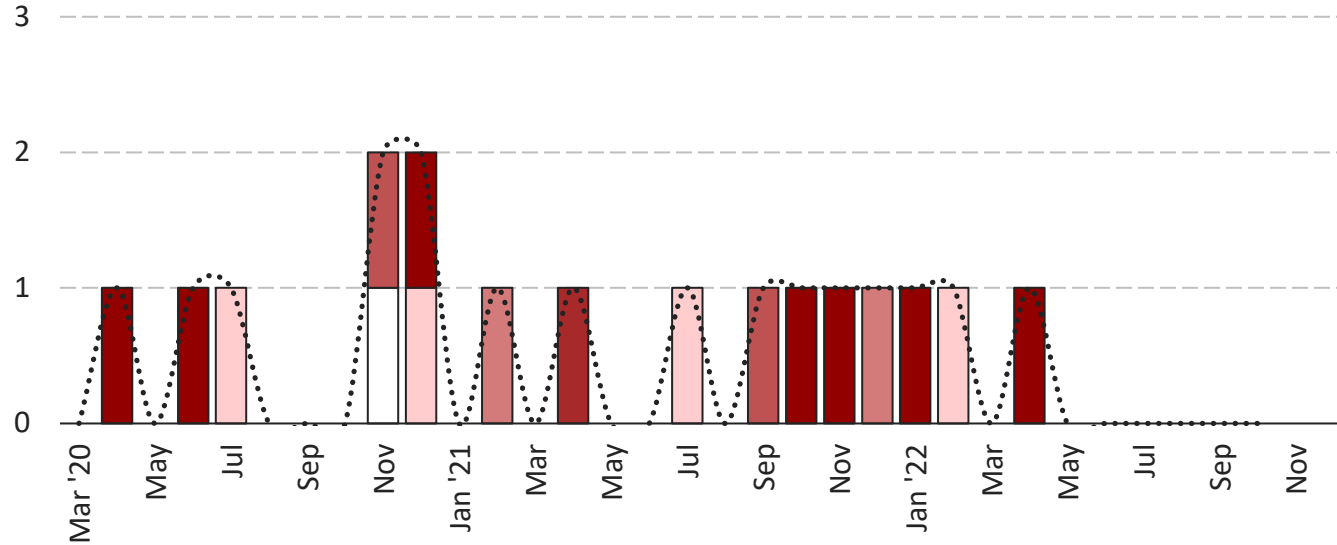
6-year-old to 10-year-old youths were the most overrepresented group

16-year-old to 19-year-old youths were the most underrepresented group

YOUTH POPULATION BY AGE GROUP	'20 DEATHS	'21 DEATHS	'22 DEATHS	YOUTH POPULATION
<1 Years Old	0.0%	0.0%	0.0%	<b>4.9%</b>
1-to-5 Years Old	0.0%	14.3%	33.3%	<b>24.4%</b>
6-to-10 Years Old	14.3%	28.6%	33.3%	<b>23.7%</b>
11-to-15 Years Old	42.9%	14.3%	33.3%	<b>25.5%</b>
16-to-19 Years Old	42.9%	42.9%	0.0%	<b>21.4%</b>

# Youth Population (0 – 19 Years Old) COVID-19 Deaths by Race/Ethnicity Group

COVID-19 Deaths for Youth Population by Race/Ethnicity Group



YOUTH POPULATION  
BY RACE/ETHNICITY GROUP

'20 DEATHS    '21 DEATHS    '22 DEATHS    YOUTH POPULATION

Hispanic	33.3%	14.3%	33.3%	<b>41.9%</b>
Black, non-Hispanic	0.0%	28.6%	0.0%	<b>10.7%</b>
Asian/Pacific Islander, non-Hispanic	16.7%	14.3%	0.0%	<b>9.8%</b>
American Indian/Alaska Native, non-Hispanic	0.0%	14.3%	0.0%	<b>1.0%</b>
White, non-Hispanic	50.0%	28.6%	66.7%	<b>36.6%</b>

In Nevada, the youth population is:

26.1 percent of the Nevada population

0.1 percent of COVID-19 deaths

In the youth population age group in 2022:

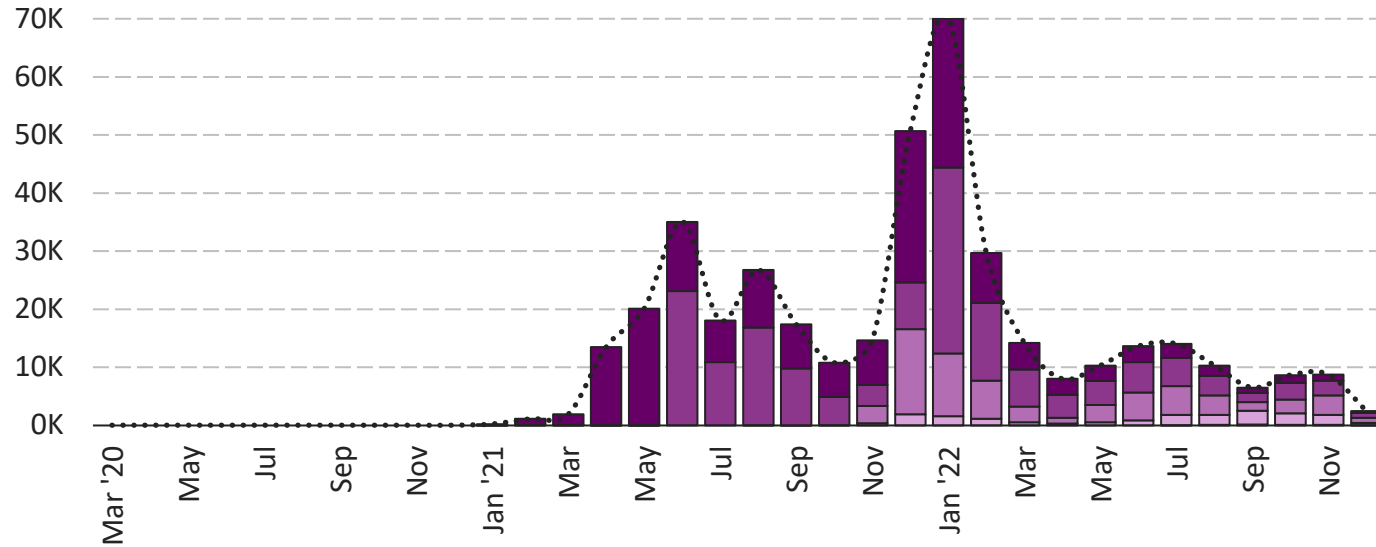
White youths were the most overrepresented group

Black youths were the most underrepresented group

Note: white boxes in the chart represent "other/unknown" race/ethnicity groups. Those values were omitted from the percentages in the table above.

# Youth Population (0 – 19 Years Old) Vaccinations + Boosters by Age Group

Complete Vaccinations + Boosters for Youth Population by Age Group



In Nevada, the youth population is:

26.1 percent of the Nevada population

13.2 percent of vaccinations completed

In the youth population age group:

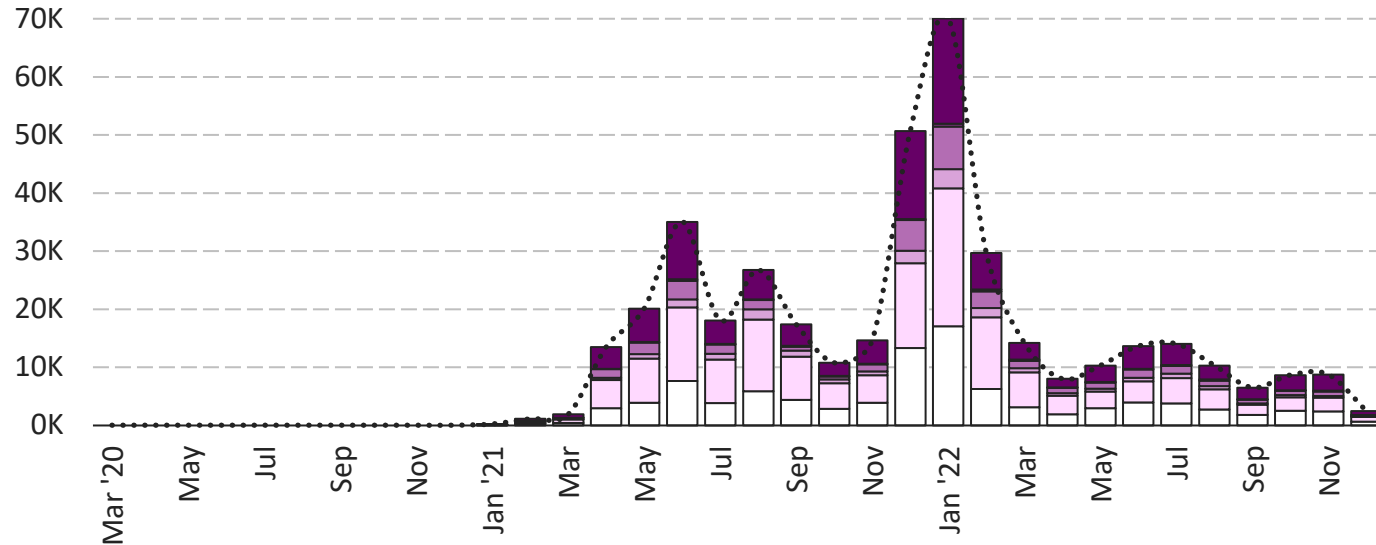
16-year-old to 19-year-old youths were the most overrepresented group to receive boosters

16-year-old to 19-year-old youths were the most overrepresented group to complete the primary series of vaccination

YOUTH POPULATION BY AGE GROUP	COMPLETED VACCINATION	RECEIVED BOOSTER	YOUTH POPULATION
<1 Years Old	0.1%	0.2%	<b>4.9%</b>
1-to-5 Years Old	4.3%	4.3%	<b>24.4%</b>
6-to-10 Years Old	17.7%	12.4%	<b>23.7%</b>
11-to-15 Years Old	39.2%	38.6%	<b>25.5%</b>
16-to-19 Years Old	38.7%	44.6%	<b>21.4%</b>

# Youth Population (0 – 19 Years Old) Vaccinations + Boosters by Race/Ethnicity Group

Complete Vaccinations + Boosters for Youth Population by Race/Ethnicity Group



In Nevada, the youth population is:

26.1 percent of the Nevada population

13.2 percent of vaccinations completed

In the youth population age group:

Asian/Pacific Islander youths were the most overrepresented group to receive boosters

Hispanic youths were the most overrepresented group to complete the primary series of vaccination

YOUTH POPULATION BY RACE/ETHNICITY GROUP	COMPLETED VACCINATION	RECEIVED BOOSTER	YOUTH POPULATION
Hispanic	50.0%	42.1%	<b>41.9%</b>
Black, non-Hispanic	6.9%	5.3%	<b>10.7%</b>
Asian/Pacific Islander, non-Hispanic	11.0%	14.0%	<b>9.8%</b>
American Indian/Alaska Native, non-Hispanic	0.9%	1.3%	<b>1.0%</b>
White, non-Hispanic	31.3%	37.3%	<b>36.6%</b>

Note: white boxes in the chart represent "other/unknown" race/ethnic groups. Those values were omitted from the percentages in the table above.



# Self Reported Cases Occurring in Pregnancy

# Self Reported Cases Occurring in Pregnancy

## Share of Cases by Demographic Group

### COVID-19 Cases Occurring in Pregnancy by Age Group

COVID-19 CASES DURING PREGNANCY BY AGE GROUP	'20-'22 CASES	CHILDBEARING-AGE POPULATION
15-to-19 Years Old	4.3%	16.8%
20-to-29 Years Old	49.8%	33.3%
30-to-39 Years Old	42.6%	33.4%
40-to-44 Years Old	3.4%	16.4%

**For childbearing-age women:**

0.2 Percent of COVID-19 cases occurred during pregnancy

20-year-old to 29-year-old women were the most overrepresented age group

### COVID-19 Cases Occurring in Pregnancy by Race/Ethnicity Group

COVID-19 CASES DURING PREGNANCY BY RACE/ETHNICITY GROUP	'20-'22 CASES	CHILDBEARING-AGE POPULATION
Hispanic	58.1%	36.9%
Black, non-Hispanic	6.9%	9.4%
Asian/Pacific Islander, non-Hispanic	6.1%	10.9%
American Indian/Alaska Native, non-Hispanic	0.7%	1.2%
White, non-Hispanic	28.1%	41.6%

Hispanic women the most overrepresented race/ethnicity group



# Questions?





# Contact Information

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