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Update on COVID-19 (Coronavirus) within the Maternal Child Health Population

Office of Analytics

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4/30/2021

Helping people. It's who we are and what we do.



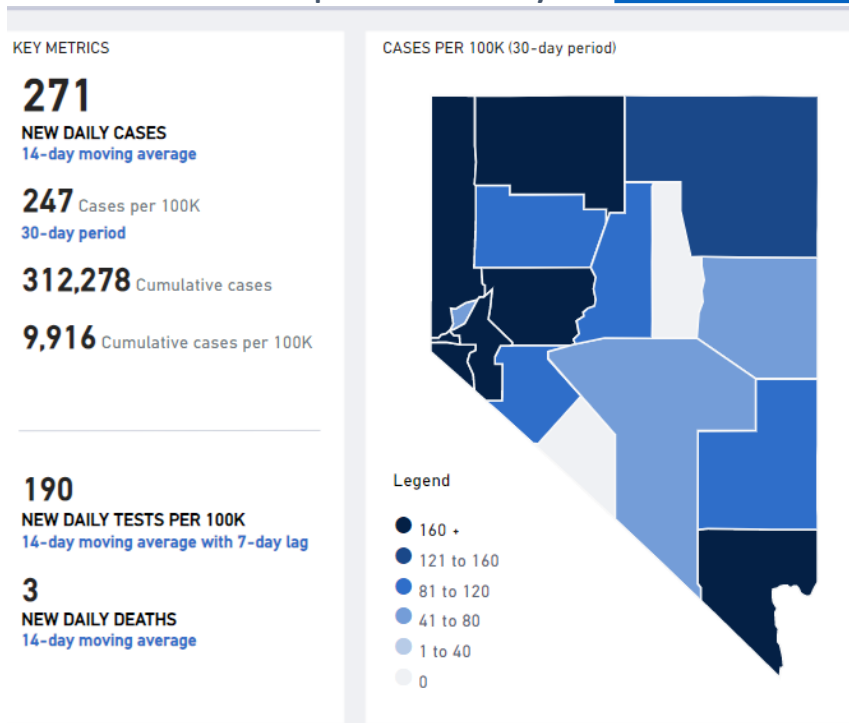
Technical Notes/Disclaimer

- All data within this presentation are subject to change.
- Small counts have been suppressed.
- Similarly to other states nationally, a significant number of Nevada records are missing demographic information such as, but not limited to Race/Ethnicity, age and gender.



Nevada COVID-19 Data

- Nevada's first COVID-19 case was diagnosed on March 5, 2020
- As of 4/23/21 there were 312,278, confirmed cases of COVID-19 statewide.
- This information is updated daily at <https://nvhealthresponse.nv.gov>.





Nevada COVID-19 Data

- As of 4/23/21 there were 3,136,968 COVID-19 tests done statewide.

KEY METRICS

193

DAILY TESTS PER 100K

14-day moving average with 7-day lag

5.8 %

Test Positivity Rate

14-day period with 7-day lag

3,136,964

Cumulative Tests

270

NEW DAILY CASES

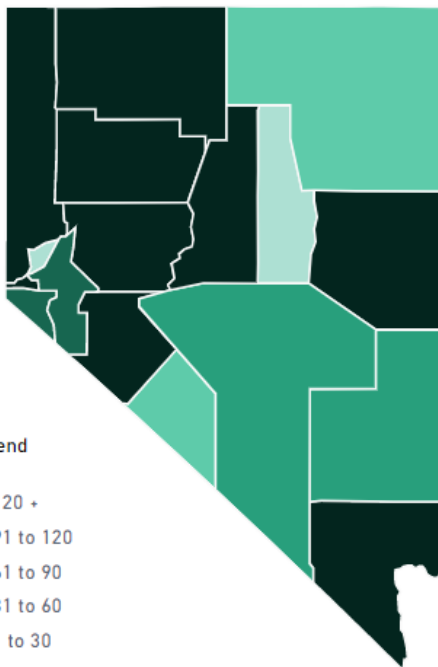
14-day moving average

3

NEW DAILY DEATHS

14-day moving average

DAILY TESTS PER 100K (14-day moving avg. with 7-day lag)





Nevada COVID-19 Data

- As of 4/23/21 there were 5,422 COVID-19 deaths statewide.

KEY METRICS

3

NEW DAILY DEATHS

14-day moving average

4

Deaths per 100K

30-day period

5,422

Cumulative Deaths

172

Cumulative Deaths per 100K

270

NEW DAILY CASES

14-day moving average

193

NEW DAILY TESTS PER 100K

14-day moving average with 7-day lag

DEATHS PER 100K (30-day period)



Legend

- 0 +
- 1 to 0
- 1 to 0
- 1 to 0
- 1 to 0
- 0





Nevada COVID-19 Data

- As of 4/23/21 there were 1,077,248 COVID-19 vaccinations administered statewide.

KEY METRICS

1,745,071 Total Doses Reported as Administered

55,413 Doses Reported as Administered per 100K

1,077,248 Total Vaccinations Reported as Initiated+ (includes completed vaccinations)

34,207 Vaccinations Reported as Initiated per 100K

34.21 % % of Population that Initiated Vaccination

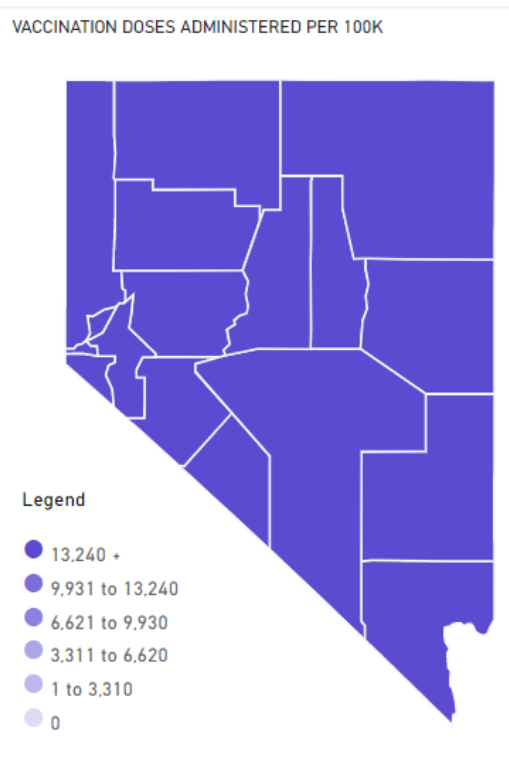
43.09 % % of Population 16 Years and Older that Initiated Vaccination

731,051 Total Vaccinations Reported as Completed

23,214 Vaccinations Reported as Completed per 100K

23.21 % % of Population Vaccinated

29.24 % % of Population 16 Years and Older Vaccinated





Demographics for Confirmed Cases

Group	CUMULATIVE CASES	CASES %
AGE		
< 10	12,212	4.0%
10-19	30,577	10.0%
20-29	61,497	20.1%
30-39	56,668	18.5%
40-49	50,104	16.4%
50-59	44,239	14.5%
60-69	27,752	9.1%
70+	22,468	7.4%
GENDER		
Female	157,393	51.8%
Male	146,466	48.2%
RACE/ETHNICITY		
Hispanic	90,035	37.3%
Non-Hispanic American Indian or Alaska Native	1,275	0.5%
Non-Hispanic Asian/Pacific Islander	20,247	8.4%
Non-Hispanic Black	18,677	7.7%
Non-Hispanic Other Race	22,970	9.5%
Non-Hispanic White	88,032	36.5%



Demographics for Deaths

Group	CUMULATIVE DEATHS	DEATHS %
AGE		
<10	2	0.0%
10-19	7	0.1%
20-29	26	0.5%
30-39	75	1.4%
40-49	247	4.6%
50-59	549	10.2%
60-69	1,100	20.4%
70+	3,393	62.8%
GENDER		
Female	2,045	37.9%
Male	3,347	62.1%
RACE/ETHNICITY		
Hispanic	1,233	24.0%
Non-Hispanic American Indian or Alaska Native	43	0.8%
Non-Hispanic Asian/Pacific Islander	607	11.8%
Non-Hispanic Black	474	9.2%
Non-Hispanic Other Race	5	0.1%
Non-Hispanic White	2,780	54.1%





Demographics for Vaccinations

Group	CUMULATIVE VACCINES INITIATED	VACCINES INITIATED % (includes completed)
AGE		
< 10	8	0.0%
10-19	29,300	2.7%
20-29	113,372	10.5%
30-39	142,772	13.3%
40-49	159,791	14.8%
50-59	187,542	17.4%
60-69	208,169	19.3%
70+	236,292	21.9%
GENDER		
Female	581,676	54.0%
Male	494,803	46.0%
RACE/ETHNICITY		
Hispanic	188,049	20.6%
Non-Hispanic American Indian or Alaska Native	5,197	0.6%
Non-Hispanic Asian/Pacific Islander	105,301	11.5%
Non-Hispanic Black	51,184	5.6%
Non-Hispanic Other Race	130,368	14.3%
Non-Hispanic White	432,209	47.4%

Women of Childbearing Age (15-44)

- As of 1/19/21 there are 65,558 confirmed COVID-19 cases of women within childbearing age.
- There have been forty-three (43) reported COVID-19 related deaths within this population.
- Data are from investigations and may be incomplete for many records.

Race/Ethnicity	N	%
AI/AN non-Hispanic	279	0.3%
Asian non-Hispanic	3,566	4.5%
Black non-Hispanic	4,259	5.3%
Hispanic/Latino	28,935	36.2%
NHPI non-Hispanic	717	0.9%
Other/Unknown	26,584	33.2%
White non-Hispanic	15,660	19.6%
Total	80,000	100.0%

Age Group	N	%
15-19	9,585	12.0%
20-29	30,775	38.5%
30-39	27,283	34.1%
40-44	12,357	15.4%
Total	80,000	100.0%

Hospitalized	N	%
No	52,513	65.6%
Yes	1,606	2.0%
Unknown	25,881	32.4%
Total	80,000	100.0%





Pregnant Women

- As of 1/19/21 there are 1,246 confirmed cases of pregnant women with COVID-19 in Nevada.
- There have been one (1) reported deaths related to COVID-19 within this population.
- Data are from investigations and may be incomplete for many records.

Race/Ethnicity	N	%
AI/AN non-Hispanic	6	0.3%
Asian non-Hispanic	90	5.1%
Black non-Hispanic	136	7.8%
Hispanic/Latino	797	45.5%
NHPI non-Hispanic	28	1.6%
Other/Unknown	309	17.7%
White non-Hispanic	384	21.9%
Total	1,750	100.0%

Age Group	N	%
10-19	69	3.9%
20-29	846	48.3%
30-39	733	41.9%
40-49	80	4.6%
50-59	11	0.6%
60-69	11	0.6%
Total	1,750	100.0%

Hospitalized	N	%
No	1,485	84.9%
Yes	180	10.3%
Unknown	85	4.9%
Total	1,750	100.0%



Children 0-19



- As of 1/19/21 there are 34,780 confirmed cases of COVID-19 in children ages 0-19 in Nevada.
- There have been seven (7) reported deaths related to COVID-19 in this population.
- Data are from investigations and may be incomplete for many records.

Gender	N	%
Female	21,235	50.0%
Male	20,967	49.4%
Unknown	228	0.5%
Total	42,430	100.0%

Age Group	N	%
<1	977	2.3%
1-5	6,067	14.3%
6-10	7,998	18.8%
11-15	11,594	27.3%
16-19	15,794	37.2%
Total	42,430	100.0%

Race/Ethnicity	N	%
AI/AN non-Hispanic	160	0.4%
Asian non-Hispanic	1,474	3.5%
Black non-Hispanic	1,960	4.6%
Hispanic/Latino	18,615	43.9%
NHPI non-Hispanic	381	0.9%
Other/Unknown	12,902	30.4%
White non-Hispanic	6,938	16.4%
Total	42,430	100.0%

Hospitalized	N	%
No	29,546	69.6%
Yes	420	1.0%
Unknown	12,464	29.4%
Total	42,430	100.0%





MIS-C

Multisystem inflammatory syndrome in children (MIS-C)

MIS-C is a serious inflammatory syndrome in children, including some teenagers. This syndrome is rare, but there appears to be an emerging link between children, MIS-C and COVID-19. This link is being researched nationally and there remains a lot to be learned about the connection.

- Prior to the COVID-19 global pandemic, MIS-C symptoms have been monitored via syndromic surveillance within Nevada hospitals, and an MIS-C diagnosis must be reported to the State.
- Between October 27 and December 28, 2020, there have been sixteen (16) diagnosed MIS-C cases in Nevada. Eleven (11) of the diagnosed MIS-C cases also tested positive for COVID-19.
- There were no reported diagnosed cases of MIS-C in 2019.



Comorbidities/Disabilities

- Many states, including Nevada, are struggling to better identify people with disabilities and pre-existing medical conditions within confirmed cases of COVID-19.
- Below is information a disease investigator may ask around pre-existing conditions during the investigation process.
- To date, pregnancy is the most utilized field.

Pre-existing medical conditions? Yes No Unknown

Chronic Lung Disease (asthma/emphysema/COPD)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Diabetes Mellitus	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Cardiovascular disease	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Chronic Renal disease	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Chronic Liver disease	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Immunocompromised Condition	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Neurologic/neurodevelopmental/intellectual disability	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	(If YES, specify) _____
Other chronic diseases	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	(If YES, specify) _____
If female, currently pregnant	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Current smoker	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	
Former smoker	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unknown	





Next Steps in Data Collection

- Improved data completeness.
- Better identification of comorbidities through the disease investigation process of confirmed COVID-19 cases.
- Identification on the best way to continually monitor and display comorbidity information within confirmed COVID-19 cases.
 - This may include incorporating comorbidities in existing dashboards as other states have.
 - Georgia: <https://dph.georgia.gov/covid-19-daily-status-report>
 - Creation of separate and specific dashboards.



Current Data Resources

- [Nevada Health Response: https://nvhealthresponse.nv.gov/](https://nvhealthresponse.nv.gov/)
- [Nevada COVID-19 Facilities Dashboard](#)
- [CDC COVID-19 Data Tracker](#)
- [HRSA COVID-19 Information](#)
- [John Hopkins Coronavirus Resource Center](#)



Questions?





Contact Information

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For data requests please email us directly at data@dhhs.nv.gov or visit our website at [http://dhhs.nv.gov/Office of Analytics](http://dhhs.nv.gov/Office_of_Analytics).

Thank you!

