Steve Sisolak
Governor

Richard Whitley
Director

State of Nevada

Department of Health and Human Services

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

Office of Analytics

Jen Thompson

1/7/2022

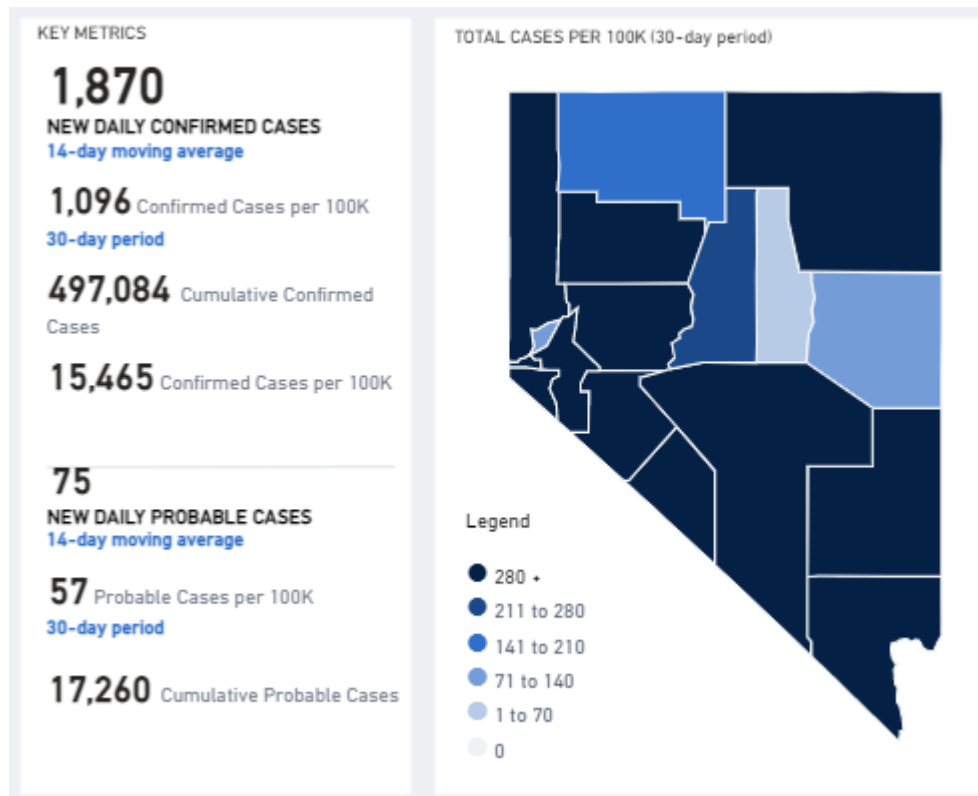*Helping people. It's who we are and what we do.*

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.
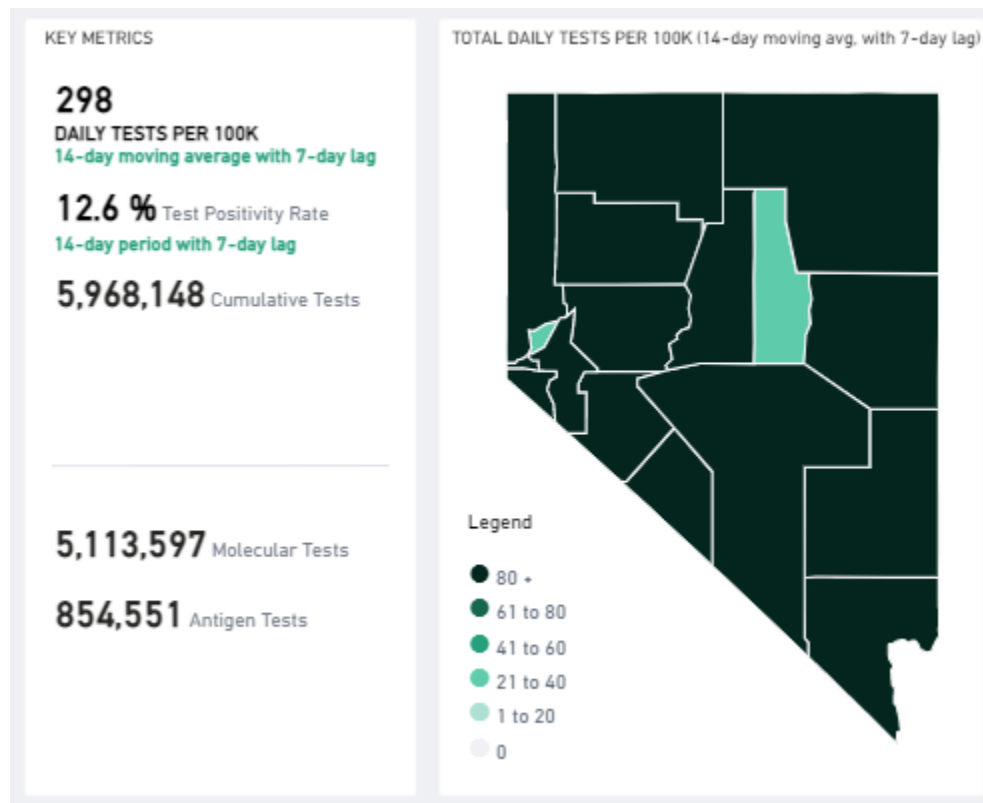
Nevada COVID-19 Data

- Nevada's first COVID-19 case was diagnosed on March 5, 2020

- As of 1/2/22 there were 497,084 confirmed cases of COVID-19 statewide.

- This information is updated daily at https://nvhealthresponse.nv.gov.

KEY METRICS

1,870
NEW DAILY CONFIRMED CASES
14-day moving average

1,096 Confirmed Cases per 100K
30-day period

497,084 Cumulative Confirmed Cases

15,465 Confirmed Cases per 100K

75
NEW DAILY PROBABLE CASES
14-day moving average

57 Probable Cases per 100K
30-day period

17,260 Cumulative Probable Cases

TOTAL CASES PER 100K (30-day period)

Legend

- 280 +
- 211 to 280
- 141 to 210
- 71 to 140
- 1 to 70
- 0

Nevada COVID-19 Data

- As of 1/2/22 there were 5,968,148 COVID-19 tests done statewide.

KEY METRICS

298
DAILY TESTS PER 100K
14-day moving average with 7-day lag

12.6 % Test Positivity Rate
14-day period with 7-day lag

5,968,148 Cumulative Tests

5,113,597 Molecular Tests

854,551 Antigen Tests

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

Legend

- 80 +
- 61 to 80
- 41 to 60
- 21 to 40
- 1 to 20
- 0

Nevada COVID-19 Data

- As of 1/2/22 there were 8,428 COVID-19 deaths statewide.

KEY METRICS

3
NEW DAILY DEATHS
14-day moving average

6 Deaths per 100K
30-day period

8,428 Cumulative Deaths

262 Cumulative Deaths per 100K

1,870
NEW DAILY CONFIRMED CASES
14-day moving average

298
NEW DAILY TESTS PER 100K
14-day moving average with 7-day lag

DEATHS PER 100K (30-day period)

Legend

- 8 +
- 7 to 8
- 5 to 6
- 3 to 4
- 1 to 2
- 0
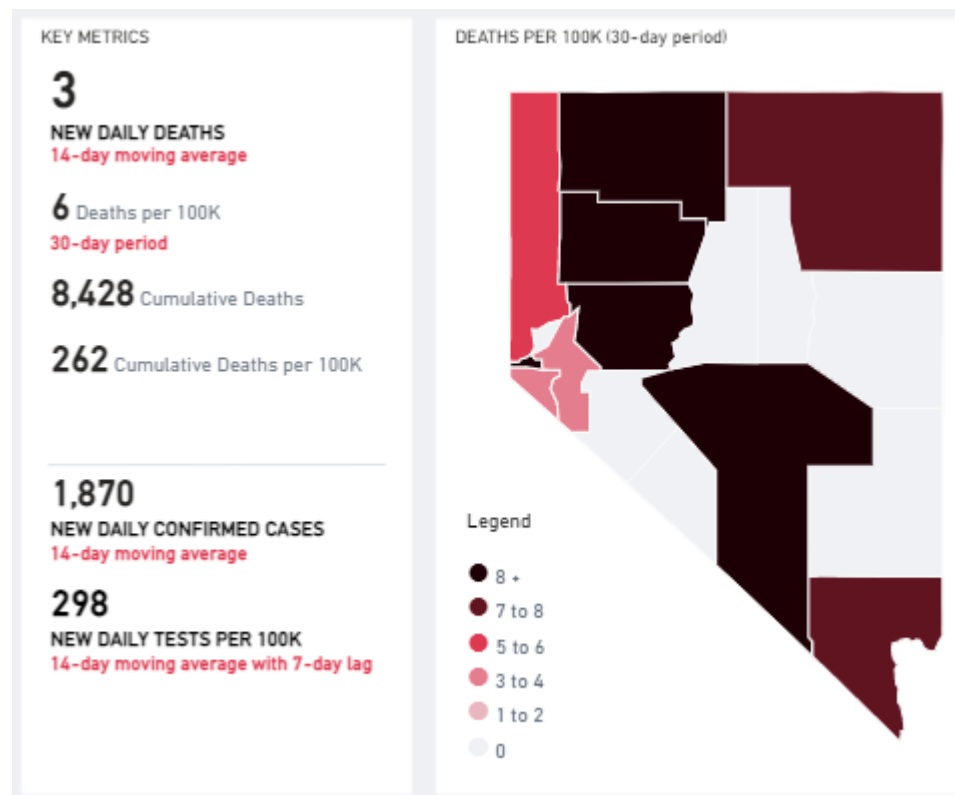
Nevada COVID-19 Data

- As of 1/2/22 there were 3,976,652 COVID-19 vaccinations administered statewide.

KEY METRICS

3,976,652 Total Doses Reported as Administered

123,719 Doses Reported as Administered per 100K

1,943,331 Total Vaccinations Reported as Initiated+ (includes completed vaccinations)

60,460 Vaccinations Reported as Initiated per 100K

60.46 % % of Population that Initiated Vaccination

64.51 % % of Population 5 Years and Older that Initiated Vaccination

1,642,609 Total Vaccinations Reported as Completed

51,104 Vaccinations Reported as Completed per 100K

51.10 % % of Population Vaccinated

54.53 % % of Population 5 Years and Older Vaccinated

PERCENT OF THE TOTAL POPULATION FULLY VACCINATED

Legend

- 80 +
- 61 to 80
- 41 to 60
- 21 to 40
- 1 to 20
- 0

Demographics for Confirmed Cases

GROUP	CUMULATIVE VACCINES INITIATED	VACCINES INITIATED % (includes completed)	
AGE			
<5	0	0.0%	
5-11	39,123	2.0%	
12-19	181,596	9.3%	
20-29	255,895	13.2%	
30-39	288,780	14.9%	
40-49	290,782	15.0%	
50-59	307,603	15.8%	
60-69	291,462	15.0%	
70+	288,081	14.8%	
GENDER			
Female	1,013,822	52.2%	
Male	928,301	47.8%	
RACE/ETHNICITY			
Hispanic	482,604	26.9%	
Non-Hispanic American Indian or Alaska Native	11,018	0.6%	
Non-Hispanic Asian/Pacific Islander	165,632	9.2%	
Non-Hispanic Black	107,432	6.0%	
Non-Hispanic Other Race	368,069	20.5%	
Non-Hispanic White	661,910	36.8%	

Demographics for Deaths

Group	CUMULATIVE DEATHS	DEATHS %	
☐ AGE			
<10	3	0.0%	
10-19	9	0.1%	
20-29	56	0.7%	
30-39	181	2.1%	
40-49	511	6.1%	
50-59	1,027	12.2%	
60-69	1,850	22.0%	
70+	4,785	56.8%	
☐ GENDER			
Female	3,240	38.5%	
Male	5,174	61.5%	
☐ RACE/ETHNICITY			
Hispanic	1,694	21.1%	
Non-Hispanic American Indian or Alaska Native	75	0.9%	
Non-Hispanic Asian/Pacific Islander	870	10.8%	
Non-Hispanic Black	826	10.3%	
Non-Hispanic Other Race	5	0.1%	
Non-Hispanic White	4,551	56.7%	

Demographics for Vaccinations

GROUP	CUMULATIVE VACCINES INITIATED	VACCINES INITIATED % (includes completed)	
⊟ AGE			
<5	0	0.0%	
5-11	39,123	2.0%	▮
12-19	181,596	9.3%	▬
20-29	255,895	13.2%	▬
30-39	288,780	14.9%	▬
40-49	290,782	15.0%	▬
50-59	307,603	15.8%	▬
60-69	291,462	15.0%	▬
70+	288,081	14.8%	▬
⊟ GENDER			
Female	1,013,822	52.2%	▬▬▬▬▬
Male	928,301	47.8%	▬▬▬▬▬
⊟ RACE/ETHNICITY			
Hispanic	482,604	26.9%	▬▬▬
Non-Hispanic American Indian or Alaska Native	11,018	0.6%	▎
Non-Hispanic Asian/Pacific Islander	165,632	9.2%	▬
Non-Hispanic Black	107,432	6.0%	▮
Non-Hispanic Other Race	368,069	20.5%	▬▬
Non-Hispanic White	661,910	36.8%	▬▬▬▬

Women of Childbearing Age (15-44)

- As of 1/2/22 there are 132,295 confirmed COVID-19 cases of women within childbearing age.
- Data are from investigations and may be incomplete for many records.

R/E	%
AI/AN non-Hispanic	0.5%
Asian non-Hispanic	4.7%
Black non-Hispanic	7.1%
Hispanic/Latino	32.4%
NHPI non-Hispanic	1.1%
Other/Unknown	31.7%
White non-Hispanic	22.6%
Total	100.0%

Age Group	%
15-19	12.2%
20-29	37.2%
30-39	35.1%
40-44	15.4%
Total	100.0%

Hospitalized	%
No	58.0%
Yes	2.1%
Unknown	40.0%
Total	100.0%

Pregnant Women

- As of 1/02/22 there are 2,794 confirmed cases of pregnant women with COVID-19 in Nevada.
- Data are from investigations and may be incomplete for many records.

R/E	%
AI/AN non-Hispanic	0.5%
Asian non-Hispanic	5.4%
Black non-Hispanic	10.8%
Hispanic/Latino	40.8%
NHPI non-Hispanic	1.6%
Other/Unknown	14.6%
White non-Hispanic	26.2%
Total	100.0%

Age Group	%
<20	4.0%
20-29	48.5%
30-39	41.9%
40-49	4.3%
50-59	0.6%
60+	0.6%
Total	100.0%

Hospitalized	%
No	83.5%
Yes	10.7%
Unknown	5.8%
Total	100.0%

Children 0-19

- As of 1/02/22 there are 79,914 confirmed cases of COVID-19 in children ages 0-19 in Nevada.
- Data are from investigations and may be incomplete for many records.

R/E	%
AI/AN non-Hispanic	0.6%
Asian non-Hispanic	3.9%
Black non-Hispanic	7.0%
Hispanic/Latino	37.9%
NHPI non-Hispanic	1.2%
Other/Unknown	28.5%
White non-Hispanic	21.0%
Total	100.0%

Age Group	%
<1	2.2%
1-5	14.6%
6-10	21.7%
11-15	28.9%
16-19	32.6%
Total	100.0%

Hospitalized	%
No	63.7%
Yes	0.9%
Unknown	35.4%
Total	100.0%

Gender	%
Female	49.7%
Male	49.7%
Unknown	0.6%
Total	100.0%

Nevada COVID-19 School Dashboard Data

- This displays the number of COVID-19 cases in Nevada schools (K-12).
- It includes students and staff who were present at their school when they were infectious for COVID-19 (i.e., two days before symptoms presented if symptomatic or two days prior to their specimen that tested positive was collected if asymptomatic).
- This information is updated weekly at Microsoft Power BI (powerbigov.us).

County	Student cases	Staff cases	Total cases
Carson City	190	26	216
Churchill	293	18	311
Clark	3,368	535	3,903
Douglas	133	17	150
Elko	757	110	867
Esmeralda	0	0	0
Eureka	33	1	34
Humboldt	275	56	331
Lander	55	3	58
Lincoln	56	17	73
Lyon	243	23	266
Mineral	44	9	53
Nye	311	33	344
Pershing	40	5	45
Storey	10	2	12
Washoe	1,525	303	1,828
White Pine	96	7	103
Total	**7,429**	**1,165**	**8,594**

Total Cases

8,594

Student Cases	Staff Cases
7,429	1,165

Current Week	Current Month
327	1,291

13
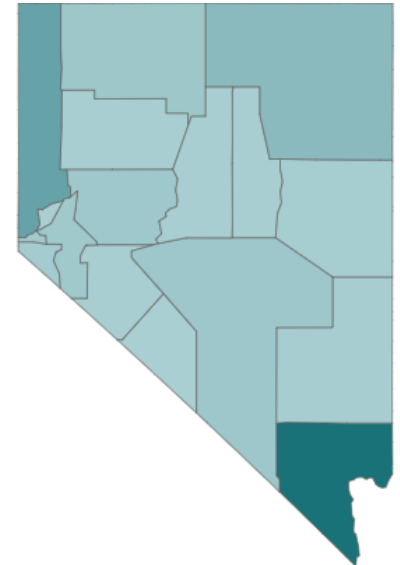
Nevada COVID-19 School Dashboard Data

- This displays the school characteristics by name, type, and level.
- This information is updated weekly at Microsoft Power BI (powerbigov.us).

School Type	Number of schools	Student cases	Staff cases	Total cases
Charter	54	815	61	876
District	501	6,337	1,055	7,392
Private	52	276	49	325
Tribal	1	1	0	1
Total	**608**	**7,429**	**1,165**	**8,594**

School Level	Number of schools	Student cases	Staff cases	Total cases
Combined	72	910	91	1,001
Elementary	335	2,563	569	3,132
Elementary-Middle	3	43	7	50
High	87	2,389	255	2,644
Middle	91	1,353	193	1,546
Middle-High	5	106	17	123
Other	12	63	32	95
Rural	3	2	1	3
Total	**608**	**7,429**	**1,165**	**8,594**

Nevada COVID-19 School Dashboard Data

- This displays the COVID-19 case counts (students and staff combined) across schools of Nevada.
- This information is updated weekly at [Microsoft Power BI (powerbigov.us)](powerbigov.us).

Weekly cases (students and staff combined)
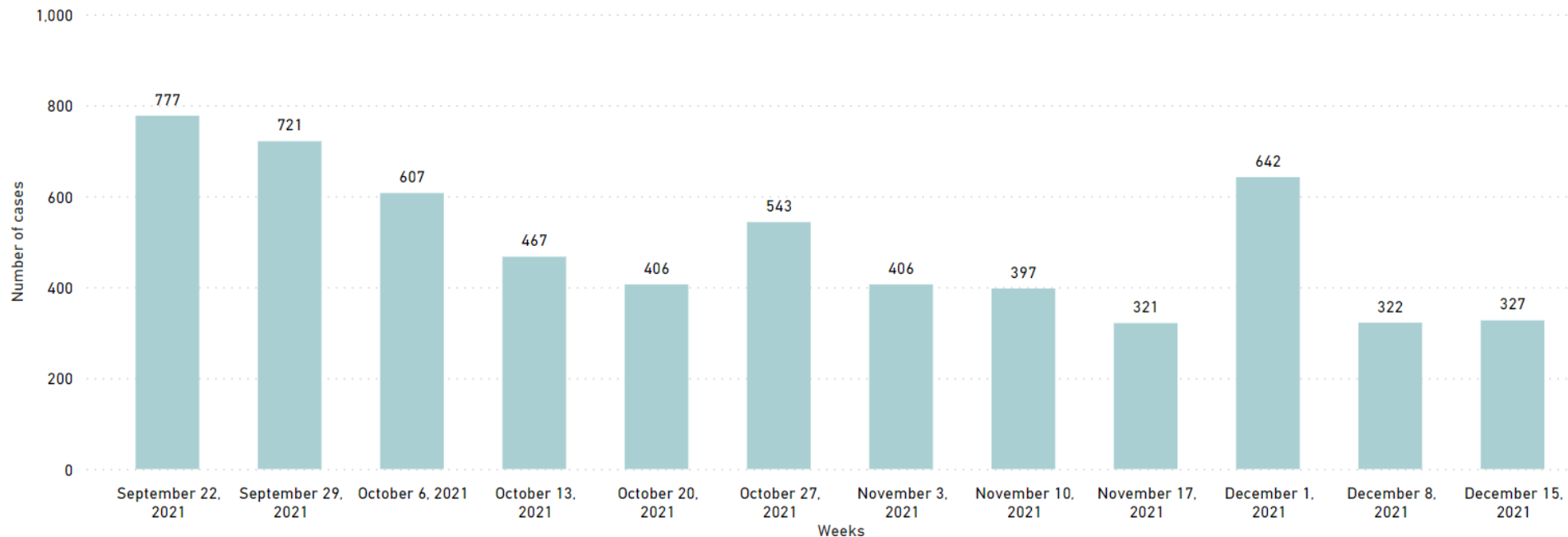
MIS-C
Multisystem inflammatory syndrome in children (MIS-C)

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 January 1 and December 31, 2021, there were 34 diagnosed MIS-C cases in Nevada. 22 of the diagnosed MIS-C cases also tested positive for COVID-19.

- There were 32 diagnosed cases of MIS-C in 2020.

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)	☐ Yes	■ No	☐ Unknown	
Diabetes Mellitus	☐ Yes	■ No	☐ Unknown	
Cardiovascular disease	☐ Yes	■ No	☐ Unknown	
Chronic Renal disease	☐ Yes	■ No	☐ Unknown	
Chronic Liver disease	☐ Yes	■ No	☐ Unknown	
Immunocompromised Condition	☐ Yes	■ No	☐ Unknown	
Neurologic/neurodevelopmental/intellectual disability	☐ Yes	■ No	☐ Unknown	(If YES, specify) _____
Other chronic diseases	☐ Yes	■ No	☐ Unknown	(If YES, specify) _____
If female, currently pregnant	☐ Yes	■ No	☐ Unknown	
Current smoker	☐ Yes	■ No	☐ Unknown	
Former smoker	☐ Yes	■ No	☐ 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/
- Nevada COVID-19 Facilities Dashboard
- Microsoft Power BI (powerbigov.us)
- 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.

Thank you!