

Steve Sisolak
Governor



Richard Whitley
Director

State of Nevada Department of Health and Human Services

Update Concerning the Status of COVID-19 in Nevada

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02/18/2021

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

COVID-19 By The Numbers - Cases

KEY METRICS

462

NEW DAILY CASES

14-day moving average

749

Cases per 100K

30-day period

289,392

Cumulative cases

9,189

Cumulative cases per 100K

271

NEW DAILY TESTS PER 100K

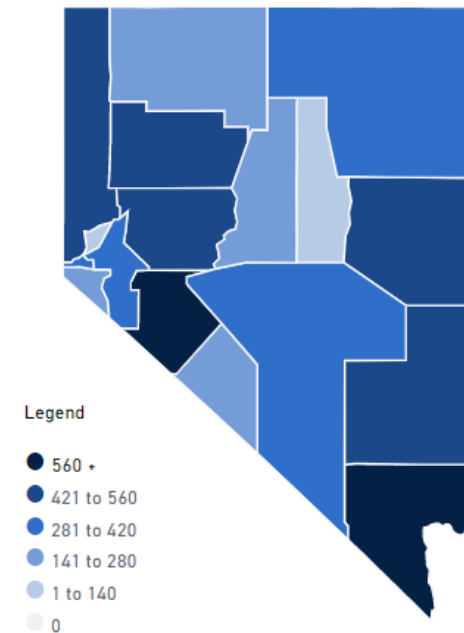
14-day moving average with 7-day lag

14

NEW DAILY DEATHS

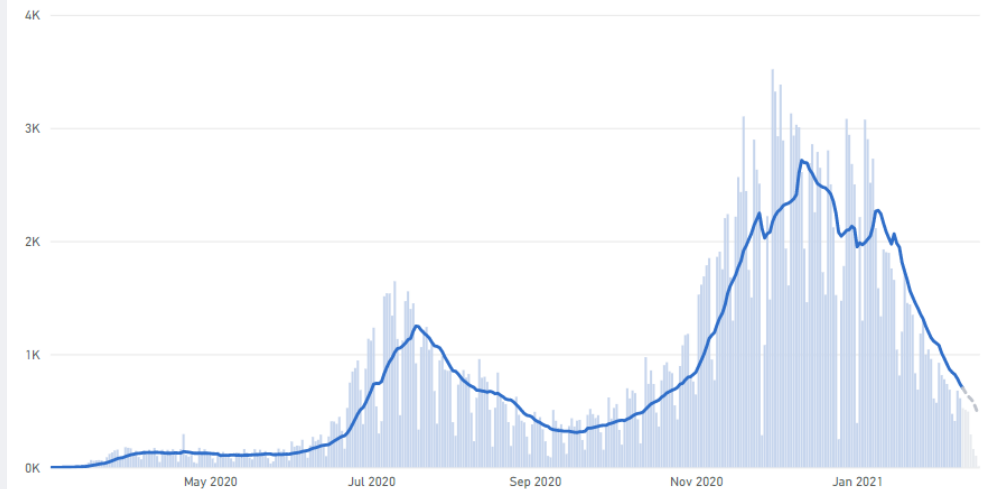
14-day moving average

CASES PER 100K (30-day period)



DAILY NEW CASES, BY SPECIMEN COLLECTION DATE

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



We have seen a sustained downward trajectory in new cases since January 9th.

Average volume of daily new cases, at 462 over the past 14 days, is comparable to what we observed in the end of August, after recovery from the summer surge.

We expect to continue this declining trend and reach numbers comparable to what was observed at our lowest after the summer surge (315-320 cases per day) by the end of the month.



COVID-19 By The Numbers - Testing

KEY METRICS

271

DAILY TESTS PER 100K

14-day moving average with 7-day lag

11.8 %

Test Positivity Rate

14-day period with 7-day lag

2,634,991

Cumulative Tests

462

NEW DAILY CASES

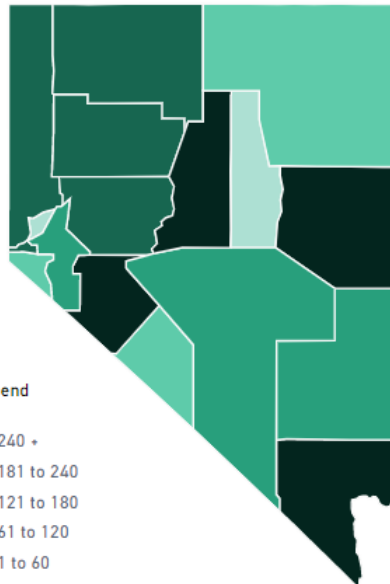
14-day moving average

14

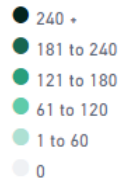
NEW DAILY DEATHS

14-day moving average

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



Legend



14-DAY MOVING AVERAGE AND WHO GOAL BY SPECIMEN COLLECTION DATE

— Test Positivity Rate (14-day moving avg. with 7-day lag) WHO goal



Test positivity has been decreasing for the past four weeks, but is still high, at 11.8%.

After the summer surge we observed a test positivity rate as low as 6.2%.

COVID-19 By The Numbers - Hospitalizations

KEY METRICS

740

CONFIRMED & SUSPECTED HOSPITALIZATIONS
For the most recent day

176 Total ICU

For the most recent day

110 Total Ventilators

For the most recent day

462

NEW DAILY CASES
14-day moving average

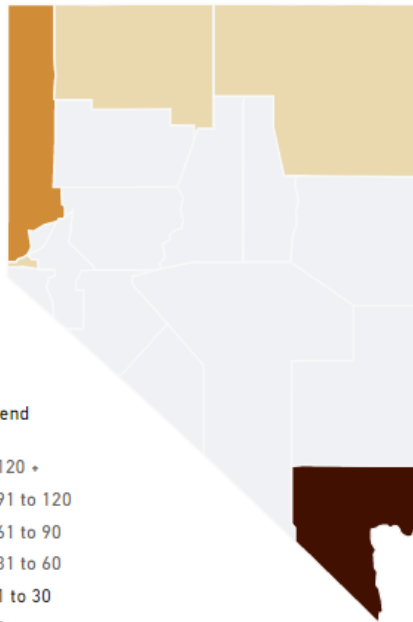
271

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

14

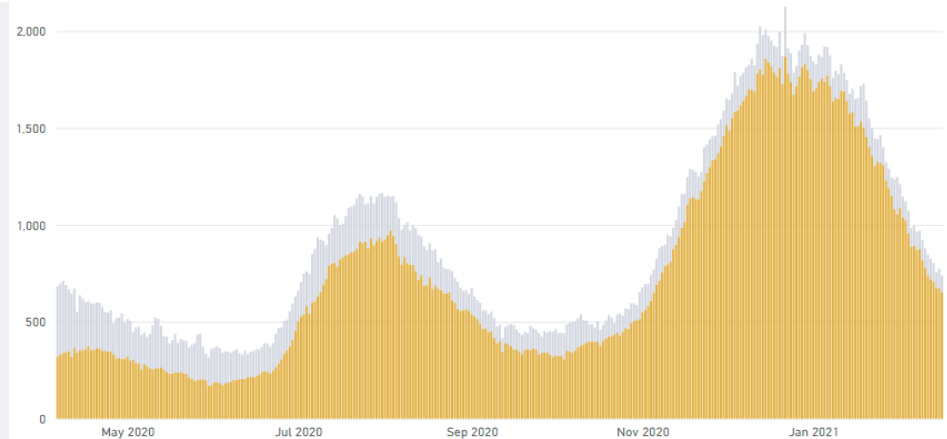
NEW DAILY DEATHS
14-day moving average

CONFIRMED HOSPITALIZATIONS (most recent day)



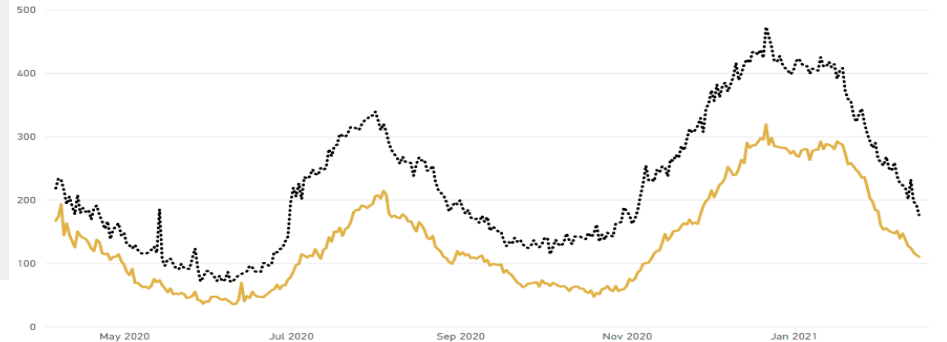
CONFIRMED AND SUSPECTED HOSPITALIZATIONS

Confirmed Suspected



CONFIRMED AND SUSPECTED INTENSIVE CARE UNIT (ICU) AND VENTILATOR UTILIZATION

Confirmed or Suspected COVID-19 in Intensive Care Unit (ICU) Confirmed or Suspected COVID-19 on Ventilator

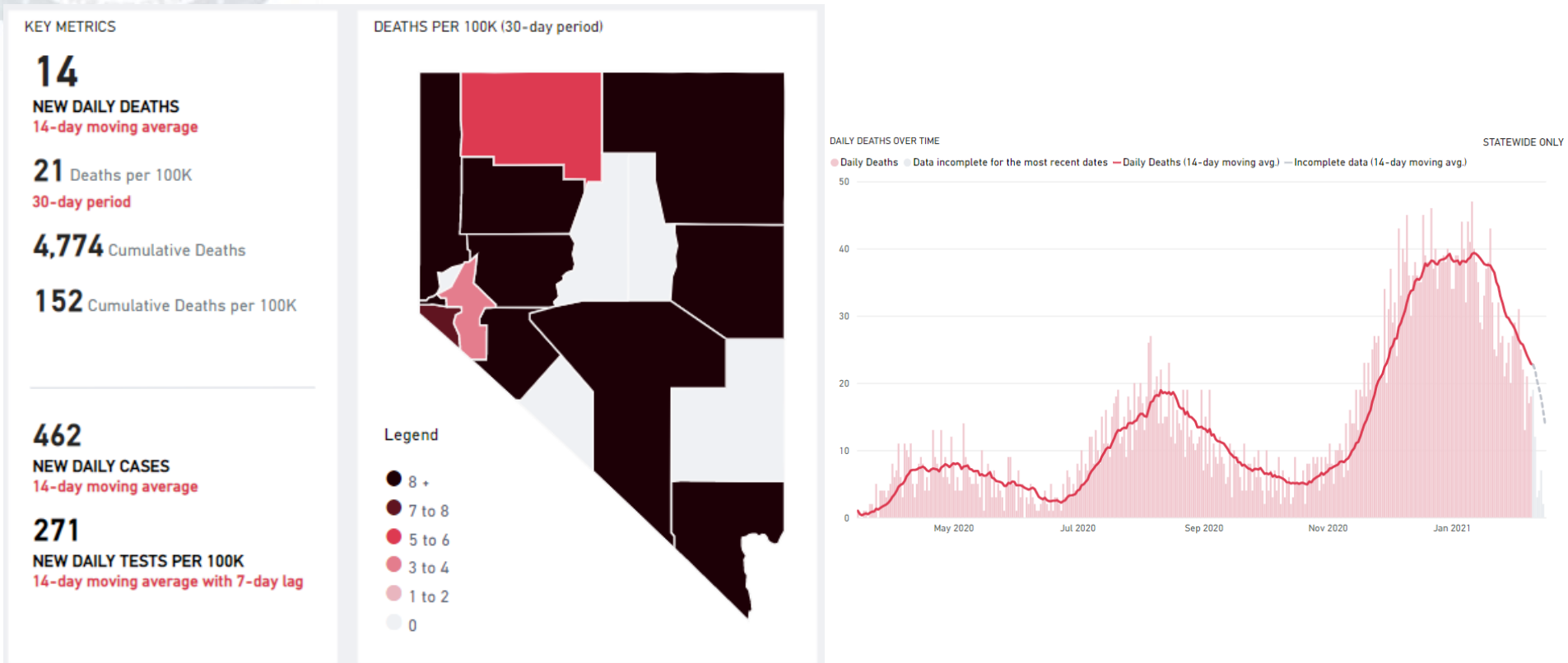


There are currently 740 confirmed and suspected COVID-19 cases hospitalized in Nevada hospitals.

We have seen a sustained downward trajectory in hospitalizations statewide since early January.

ICU and Ventilator use has also been declining statewide since January 19th.

COVID-19 By The Numbers - Deaths



We continue to see a decline in number of COVID-19 deaths, averaging 14 deaths per day over the previous 2-weeks.

COVID-19 By The Numbers - Vaccinations

KEY METRICS

464,037 Total Doses Reported as Administered

14,735 Doses Reported as Administered per 100K

345,848 Total Vaccinations Reported as Initiated

10,982 Vaccinations Reported as Initiated per 100K

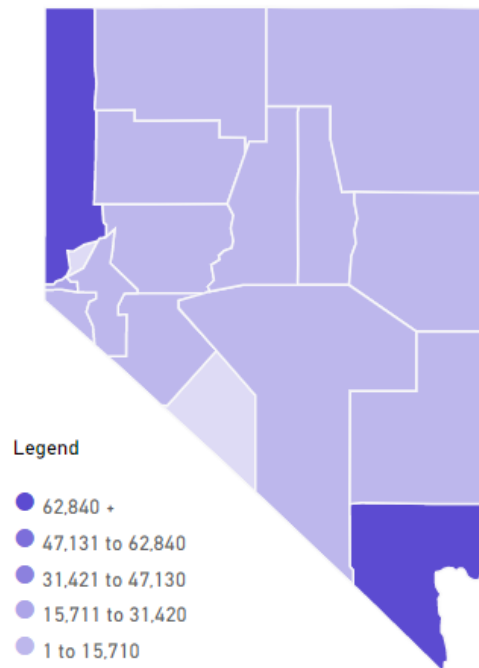
10.98 % % of Population that Initiated Vaccination

118,192 Total Vaccinations Reported as Completed

3,753 Vaccinations Reported as Completed per 100K

3.75 % % of Population Vaccinated

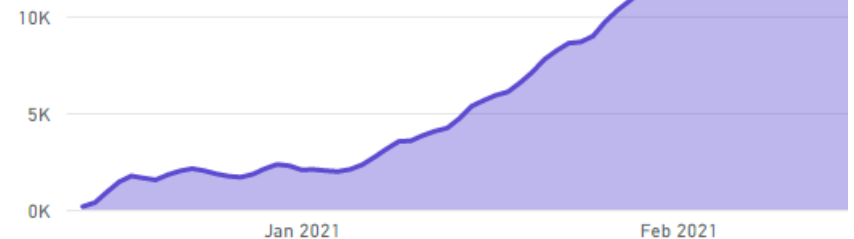
VACCINATION DOSES ADMINISTERED



Legend

- 62,840 +
- 47,131 to 62,840
- 31,421 to 47,130
- 15,711 to 31,420
- 1 to 15,710
- 0

DAILY VACCINES ADMINISTERED (14-day moving avg.)



STATEWIDE

Group	DOSES ADMINISTERED %	POPULATION %	POPULATION
AGE	100.0%	100.0%	3,149,234
<10	0.0%	12.4%	389,978
10-19	0.5%	13.6%	429,790
20-29	9.0%	13.9%	437,588
30-39	12.7%	13.5%	423,831
40-49	13.5%	13.1%	414,074
50-59	13.2%	12.7%	398,817
60-69	11.4%	11.0%	345,779
70+	29.7%	9.8%	309,377
GENDER	100.0%	100.0%	3,149,234
Female	59.4%	50.0%	1,573,738
Male	40.6%	50.0%	1,575,496
RACE/ETHNICITY	100.0%	100.0%	3,149,234
Hispanic	11.7%	30.2%	952,600
Non-Hispanic American Indian or Alaska Native	1.0%	1.1%	35,742
Non-Hispanic Asian/Pacific Islander	11.8%	9.9%	312,158
Non-Hispanic Black	4.6%	8.9%	280,643
Non-Hispanic Other Race	13.3%	0.0%	0
Non-Hispanic White	57.6%	49.8%	1,568,091

Additional vaccination data were recently added to the State's COVID-19 data dashboard, which will be updated Monday/Wednesday/Friday.

- Doses administered, initiated, and completed by county of clinic location.
- Trend of doses administered
- Race/Ethnicity data are presented on the sample of records where it is known (~85% of records).
 - Disparities have been identified most significantly in the Hispanic and non-Hispanic Black populations.



COVID-19 Testing Turnaround

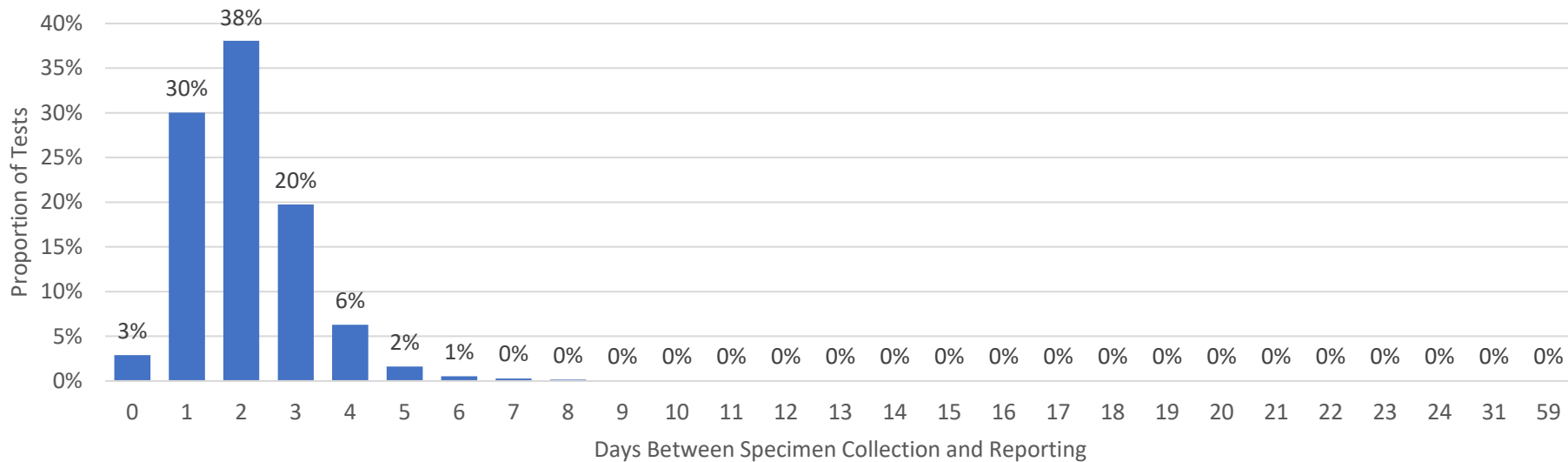
Median Time from Specimen Collection to Report, By County and Lab									
	CPL	LABCORP	NSPHL	Other	QUEST	RRMC	SOUTHERN	UMC	Total
Carson City	-	2	2	1	3	1	1	1	1
Churchill	-	2	2	2	5	1	-	1	2
Clark	2	2	2	2	3	1	1	1	2
Douglas	-	2	1	1	3	1	1	-	1
Elko	-	2	1	1	4	1	-	1	2
Esmeralda	-	2	-	2	4	1	2	1	2
Eureka	-	2	-	2	4	1	-	-	2
Humboldt	-	2	2	0	4	1	-	-	0
Lander	-	1	2.5	0	-	1	-	1	1
Lincoln	-	1	-	0	4.5	-	1.5	1	1
Lyon	-	2	1	1	3	1	-	1	1
Mineral	-	2	2	3	4	1	-	-	2
Nye	1.5	2	2	3	3	1	2	1	3
Pershing	-	2	3	0	4	1	-	1	1
Storey	-	2	-	1	4	1	-	-	1
Washoe	-	2	1	1	4	1	1	1	1
White Pine	-	2	-	0	-	1	0.5	1	0
Total	2	2	1	1	3	1	1	1	2

For Specimens collected February 1st - current, as of 02/17, it has taken approximately 2 days after specimen collection for results to be reported.

Differences across different counties and laboratories are displayed in the table above.



COVID-19 Testing Turnaround



Distribution of the Number of Days between Specimen Collection to Report, By County

Days	Carson City	Churchill	Clark	Douglas	Elko	Esmeralda	Eureka	Humboldt	Lander	Lincoln	Lyon	Mineral	Nye	Pershing	Storey	Washoe	White Pine	Total
0	5%	5%	3%	2%	8%	0%	11%	51%	46%	11%	6%	0%	1%	47%	0%	3%	94%	7%
1	51%	25%	41%	53%	34%	33%	33%	26%	8%	73%	54%	18%	20%	28%	67%	56%	4%	41%
2	15%	32%	32%	21%	38%	53%	44%	9%	22%	11%	22%	56%	20%	17%	22%	21%	1%	30%
3	15%	25%	17%	11%	15%	7%	0%	5%	16%	2%	11%	10%	36%	5%	0%	10%	0%	15%
4	15%	2%	5%	7%	3%	0%	11%	8%	3%	1%	5%	15%	22%	2%	11%	8%	1%	6%
5	0%	11%	1%	1%	1%	7%	0%	1%	2%	1%	0%	2%	1%	2%	0%	1%	0%	1%
6	0%	0%	0%	0%	1%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
7	0%	0%	0%	4%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
8	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
9	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
10	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



COVID-19 County Tracker

Data as of 02/14/2021

A county is flagged for elevated disease transmission if it meets two of the three criteria:

- 1. Average number of tests per day (per 100,000) < 100.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.
- 2. Case rate (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.
- 3. Case rate (per 100,000) > 50 AND testing positivity > 8.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.

County	Average Number of Tests per Day per 100k (14-day avg. with 7-day lag)	Case Rate per 100k (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	224	477	7.3%
Churchill	207	506	6.0%
Clark	291	886	14.0%
Douglas	116	310	8.1%
Elko	98	315	13.1%
Esmeralda	88	205	8.3%
Eureka	18	51	0.0%
Humboldt	230	211	4.0%
Lander	357	284	4.3%
Lincoln	154	462	4.5%
Lyon	143	328	7.9%
Mineral	781	1,513	10.2%
Nye	159	403	12.3%
Pershing	215	560	11.9%
Storey	34	45	0.0%
Washoe	236	559	9.8%
White Pine	1,075	491	2.1%



Clark, Douglas, Elko, Esmeralda, Mineral, Nye, Pershing, and Washoe are flagged for elevated transmission.

Of those counties that were flagged for elevated disease transmission:

- All were flagged with a high case rate (>200).
- All were flagged with a high test positivity (>8%).
- Elko and Esmeralda were flagged with a low average number of tests per day per 100,000 (<100).



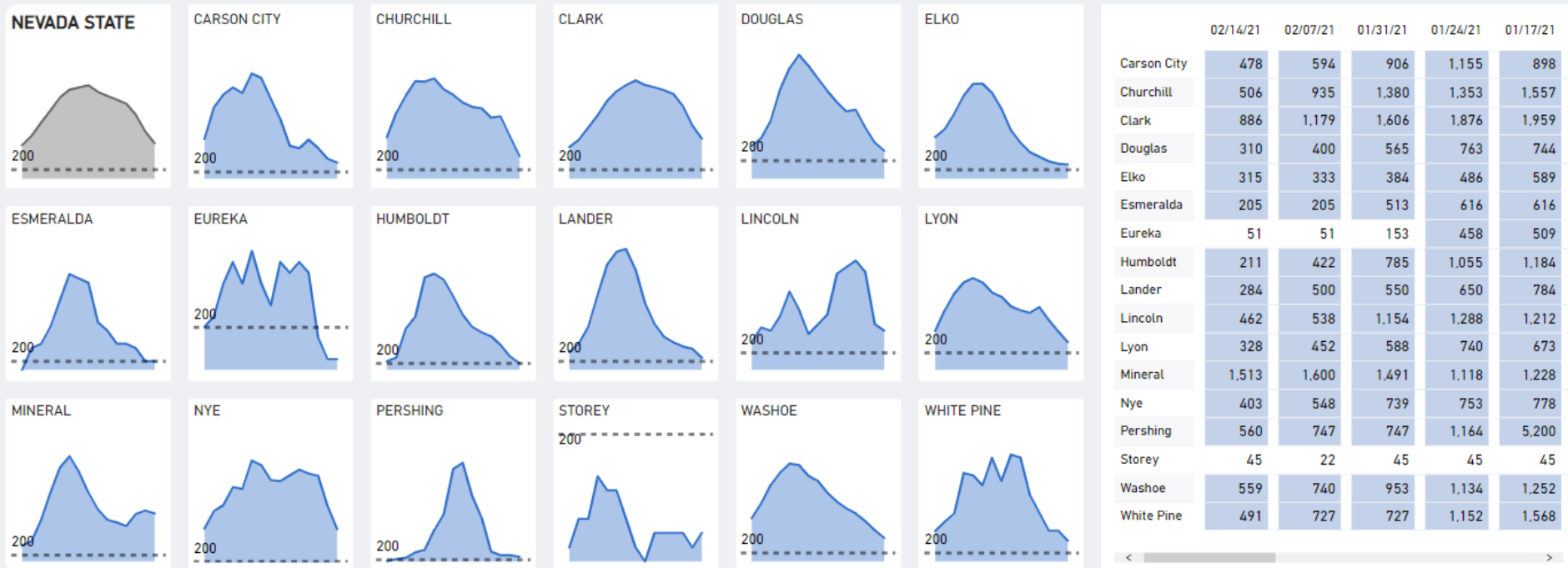
COVID-19 County Tracker

COUNTY TRACKER CASES PER 100K PEOPLE

DATA AS OF 2/14/2021

Case Rate per 100,000. Threshold > 200

The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)



For case rates, we have seen declining (improving) trends in all the counties **except**: Mineral, and Storey.



These data include prison cases.

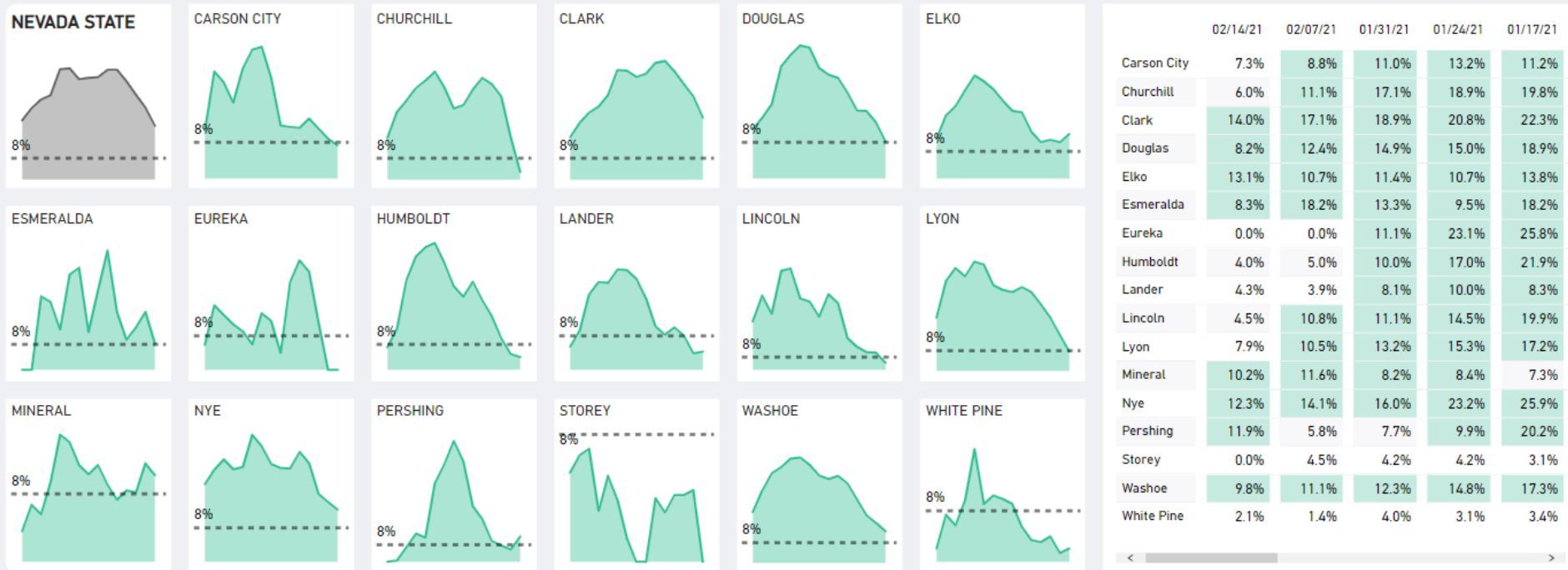
COVID-19 County Tracker

COUNTY TRACKER - TESTS POSITIVITY RATE

DATA AS OF 2/14/2021

Test Positivity Rate. Threshold: (1) Test Positivity > 8.0% and Case Rate per 100,000 > 50

The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)



For test positivity, we have seen declining (improving) trends in the following counties: Carson, Churchill, Clark, Douglas, Eureka, Humboldt, Lincoln, Lyon, Nye, and Washoe



COVID-19 County Tracker

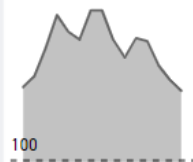
COUNTY TRACKER - TEST/DAY PER 100K PEOPLE

DATA AS OF 2/14/2021

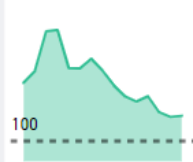
Average Number of Tests per Day per 100,000. Threshold < 100.

The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)

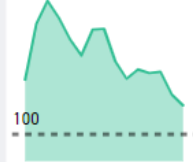
NEVADA STATE



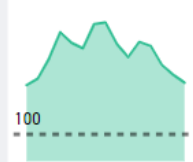
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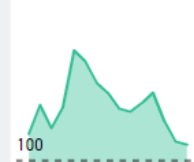
CHURCHILL



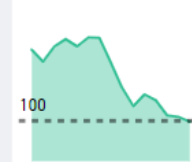
CLARK



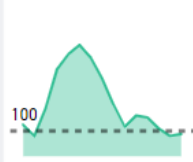
DOUGLAS



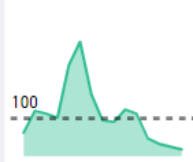
ELKO



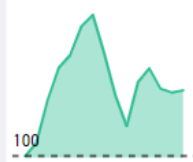
ESMERALDA



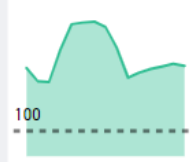
EUREKA



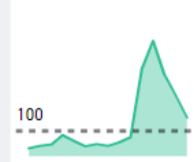
HUMBOLDT



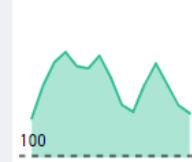
LANDER



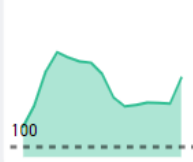
LINCOLN



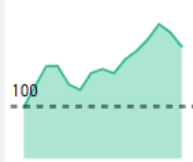
LYON



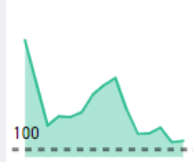
MINERAL



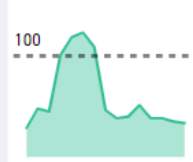
NYE



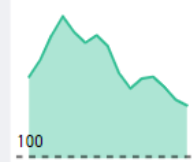
PERSHING



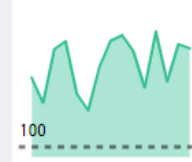
STOREY



WASHOE



WHITE PINE



	02/14/21	02/07/21	01/31/21	01/24/21	01/17/21
Carson City	225	219	243	321	296
Churchill	207	247	331	327	340
Clark	291	320	357	427	443
Douglas	115	118	137	163	154
Elko	98	110	113	150	165
Esmeralda	88	81	110	154	161
Eureka	18	25	33	47	113
Humboldt	230	226	234	274	247
Lander	357	366	355	346	331
Lincoln	154	242	323	456	345
Lyon	143	151	171	192	171
Mineral	782	528	536	539	515
Nye	159	173	181	166	155
Pershing	216	196	389	312	305
Storey	34	35	38	38	51
Washoe	236	251	285	312	307
White Pine	1,075	1,117	748	1,240	688



12

These data include prison cases.

COVID-19 County Tracker (Comparison)

Nevada Department of Health and Human Services
Office of Analytics

County Tracker Results Comparison, with and without the inclusion of prison inmate-related testing encounters, February 14, 2021

Current Methodology					Excluding Prison Inmate-Related Testing Encounters					Difference				
County	Testing*	Case Rate†	Test Positivity‡	Score	County	Testing*	Case Rate†	Test Positivity‡	Score	County	Testing*	Case Rate†	Test Positivity‡	Score
Carson City	225	478	7.3%	1	Carson City	219	426	6.4%	1	Carson City	-2%	-11%	-12%	-
Churchill	207	506	6.0%	1	Churchill	186	491	6.0%	1	Churchill	-10%	-3%	0%	-
Clark	291	886	14.0%	2	Clark	284	838	13.1%	2	Clark	-2%	-5%	-6%	-
Douglas	115	310	8.2%	2	Douglas	113	296	7.3%	1	Douglas	-2%	-4%	-11%	1
Elko	98	315	13.1%	3	Elko	92	331	14.5%	3	Elko	-6%	5%	11%	-
Esmeralda	88	205	8.3%	3	Esmeralda	95	205	7.7%	2	Esmeralda	8%	0%	-7%	1
Eureka	18	51	0.0%	1	Eureka	29	51	12.5%	2	Eureka	59%	0%	100%	(1)
Humboldt	230	211	4.0%	1	Humboldt	236	217	2.7%	1	Humboldt	2%	3%	-33%	-
Lander	357	284	4.3%	1	Lander	330	284	3.6%	1	Lander	-8%	0%	-16%	-
Lincoln	154	462	4.5%	1	Lincoln	158	519	7.0%	1	Lincoln	3%	12%	56%	-
Lyon	143	328	7.9%	1	Lyon	132	314	7.4%	1	Lyon	-7%	-4%	-6%	-
Mineral	782	1,513	10.2%	2	Mineral	709	1,491	12.1%	2	Mineral	-9%	-1%	19%	-
Nye	159	403	12.3%	2	Nye	155	366	10.3%	2	Nye	-3%	-9%	-16%	-
Pershing	216	560	11.9%	2	Pershing	204	560	12.6%	2	Pershing	-5%	0%	6%	-
Storey	34	45	0.0%	1	Storey	24	45	0.0%	1	Storey	-29%	0%	0%	-
Washoe	236	559	9.8%	2	Washoe	226	540	9.0%	2	Washoe	-4%	-3%	-8%	-
White Pine	1,075	491	2.1%	1	White Pine	1,103	510	2.0%	1	White Pine	3%	4%	-5%	-

*Average Number of Tests Per Day (per 100,000)

†Cases (per 100,000)

‡Total number of positive molecular tests divided by the total number of molecular tests conducted multiplied by 100.

Excluding prison/inmate population does not significantly impact most counties' overall status for elevated disease transmission.

Counties that have relatively high increases in testing and case rates after excluding prison inmate populations are due to having few to zero COVID-19 positive inmates. Since the number of tests and/or cases remain relatively constant and the population size (denominator) is smaller without the inmate population, we would expect to see increases in testing and case rates.



Discussion

To request additional data, email the DHHS Office of Analytics at data@dhhs.nv.gov