COVID-19 – Nevada United: Roadmap to Recovery

Nye County Evaluation of Readiness for Phase 1

May 1, 2020

COVID-19 Cases:

Nye County has been closely monitoring the COVID-19 pandemic since early January 2020. On March 13, Nye County Emergency Management opened the Emergency Operations Center under "partial" status in conjunction with the Nye County Sheriff's Office, and emergency medical services within the county. Nye County does not have an established health district but operates under a Board of Health and employs a contract Health Officer.

On March 18, 2020, Nye County received notification of our first confirmed COVID-19 case in Beatty. As of April 30, 2020, State of Nevada Division of Public and Behavioral Health (DPBH) reported 32 COVID-19 cases in Nye County. Of those cases, 18 are considered recovered pursuant to CDC and Nevada State Health guidelines and have since been cleared by our County Health Officer. Three of the most serious cases remain in Las Vegas hospitals and appear to be recovering.

The trajectory of our confirmed cases is captured on the following graphs. Reports of new cases appear to be commensurate with our aggressive testing rate. However, as we moved forward with testing, we observed a general downward trend in new cases with most new cases reporting to be asymptomatic. As May 1, 2020, there have been no COVID-19 deaths in Nye County.

The Nevada Department of Health and Human Services Office of Analytics is tracking lab positivity statewide as another important metric to understand community testing and infection rates. It is important that that data be presented at the state-level, not county, as that data is reported by the facility address, not the patient address. Reporting this data at the county level would falsely associate cases with specimen collection county, as opposed to county of patient residence.

Total Cases and New Cases per Day

Nye County COVID-19 Cases & Daily Test Numbers
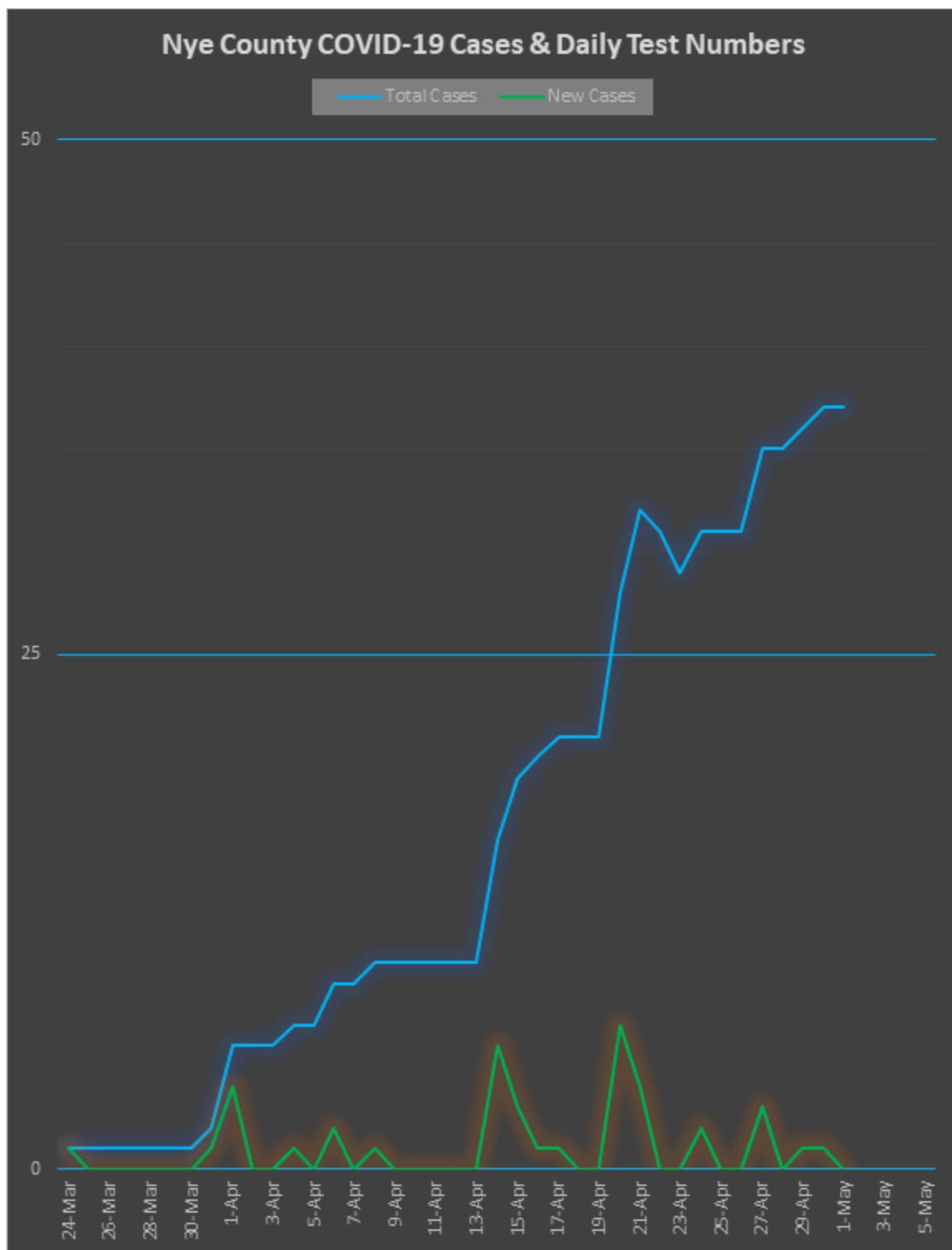
*On the "Total Cases" line, there was a reporting error on April 24 which resulted in three false positives. This error was corrected the following day which resulted in a decrease in the number of total cases.

New Cases per Day

Nye County COVID-19 Cases & Daily Test Numbers

New Cases

25

0

24-Mar 26-Mar 28-Mar 30-Mar 1-Apr 3-Apr 5-Apr 7-Apr 9-Apr 11-Apr 13-Apr 15-Apr 17-Apr 19-Apr 21-Apr 23-Apr 25-Apr 27-Apr 29-Apr 1-May 3-May 5-May
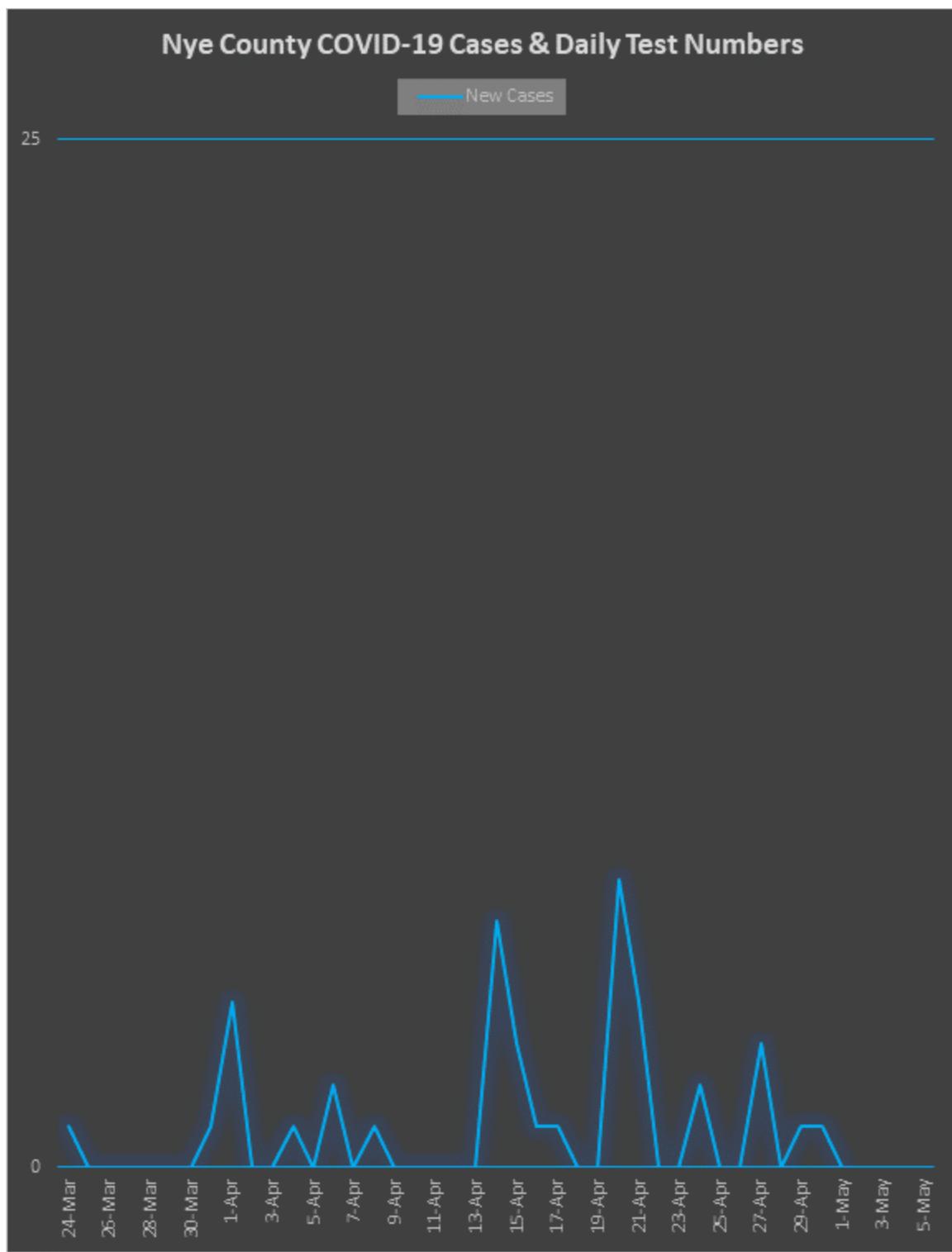
Total Cases, New Cases per Day, Recovered Cases, and COVID Deaths

Nye County COVID-19 Cases & Daily Test Numbers
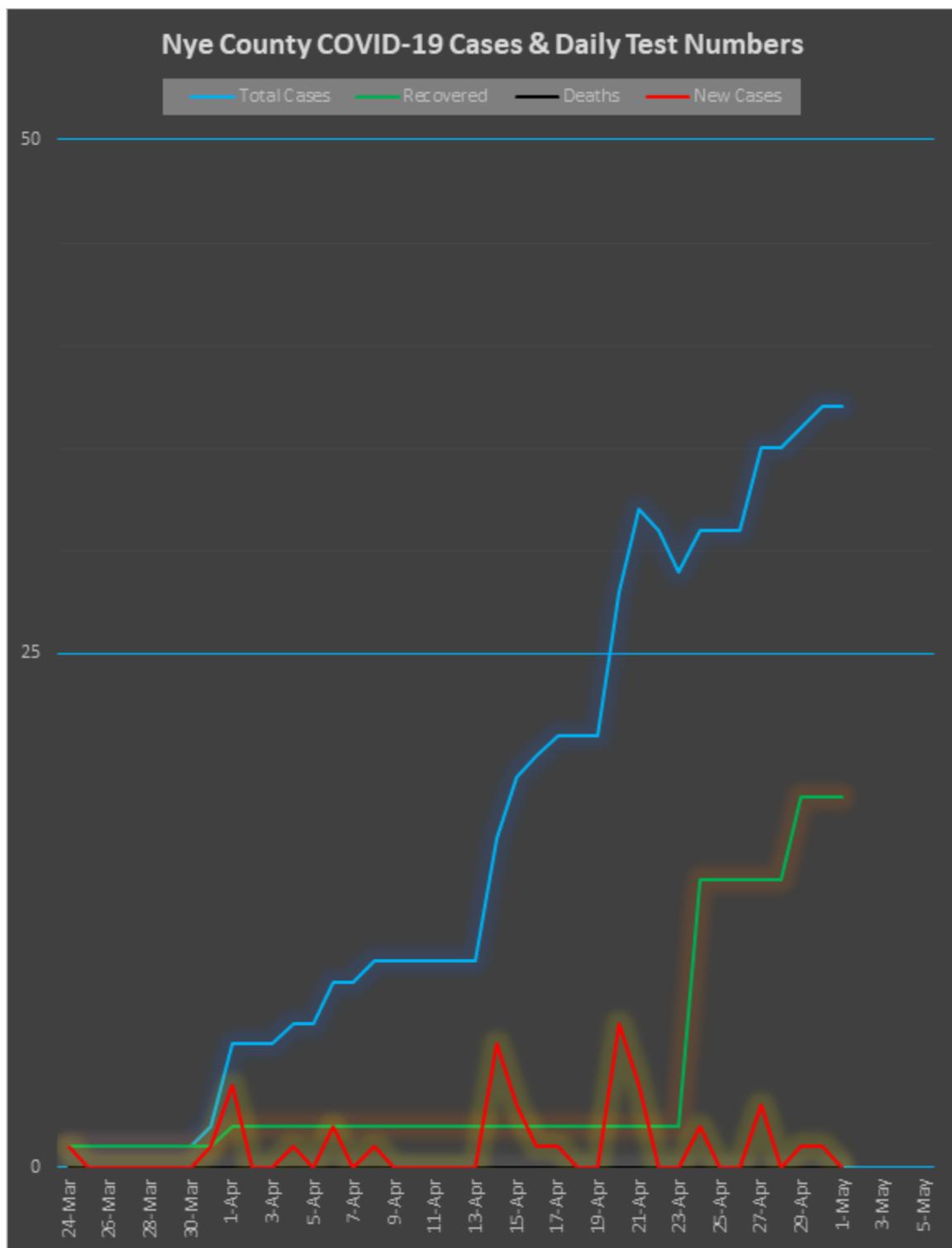
Total Cases, New Cases per Day, Recovered Cases, COVID Deaths, and Test Numbers

Nye County COVID-19 Cases & Daily Test Numbers
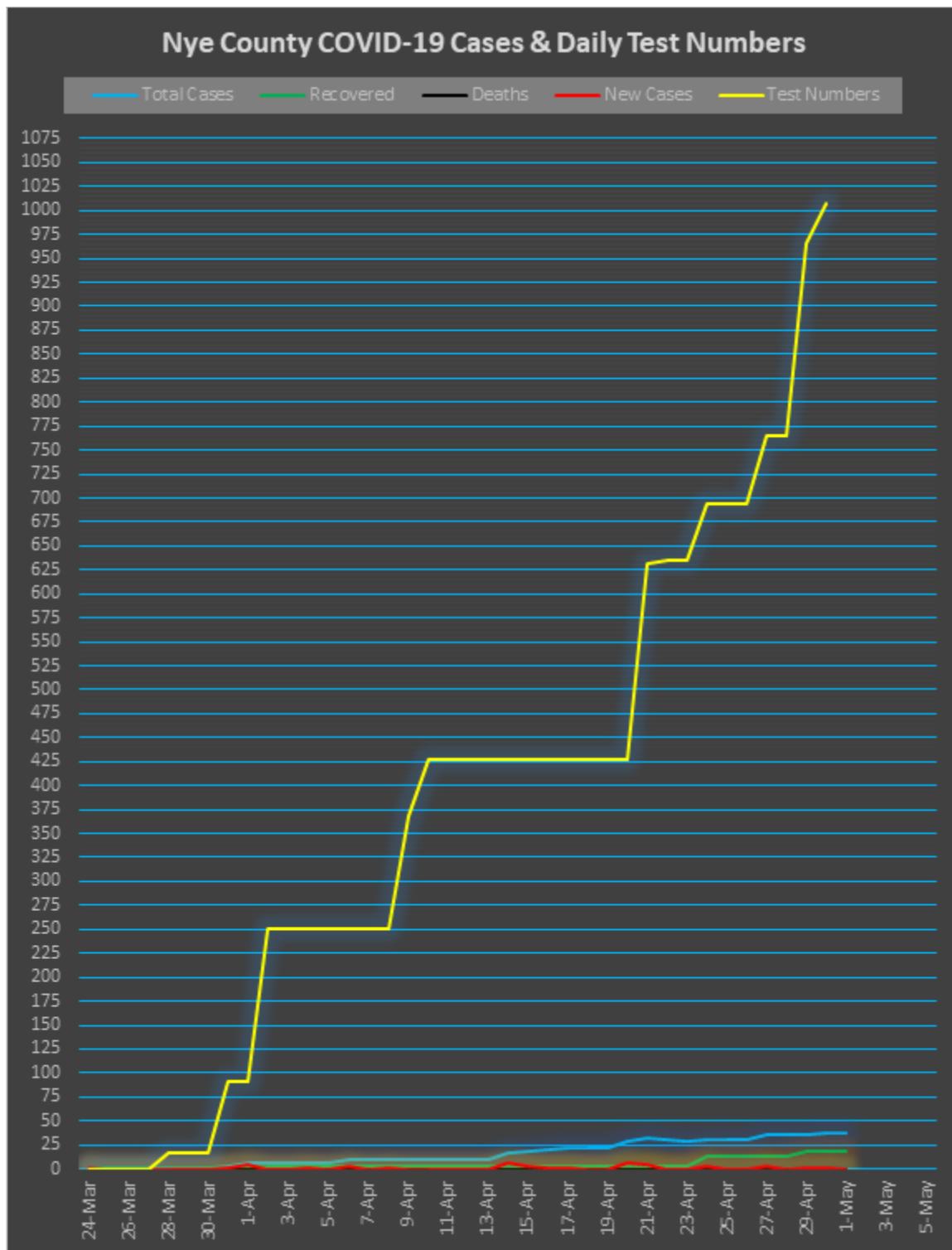
COVID-19 Hospitalizations:

Desert View Hospital is the sole hospital in Nye County. Desert View is located at 360 S. Lola Lane in Pahrump and is a 25-bed, critical care access hospital. Over the past 45 days, Desert View has admitted several patients showing COVID-19 symptoms; however, most patients have tested negative for the virus and have transitioned to their homes (quarantined) or to other hospitals in Clark County to finish their recovery.

DATE	NAME	DISPOSITION	RESULT
2/27/2020		Home Quarantine	Negative
3/4/2020		Spring Valley	Negative
3/13/2020		Home Quarantine	UNKNOWN/NA
3/13/2020		Spring Valley	Negative
3/13/2020		Spring Valley	Negative
3/13/2020		Home Quarantine	Negative
3/13/2020		Home Quarantine	Negative
3/14/2020		Spring Valley	Negative
3/14/2020		Summerlin	Negative
3/15/2020		Summerlin	Negative
3/15/2020		Centennial	Negative
3/16/2020		Home Quarantine	Negative
3/17/2020		Home Quarantine	NEGATIVE
3/17/2020		Admission/DC	NEGATIVE
3/17/2020		Spring Valley	NEGATIVE
3/17/2020		Home Quarantine	NEGATIVE
3/18/2020		Summerlin	Negative
3/20/2020		Home Quarantine	NEGATIVE
3/20/2020		Home Quarantine	Negative
3/21/2020		Spring Valley	Negative
3/22/2020		ADMITTED	Negative
3/23/2020		ADMITTED/DC HOME Q	Negative

3/23/2020		ADMITTED/DC HOME Q	Negative
3/23/2020		EXPIRED	Negative
3/24/2020		ADMITTED	Negative
3/25/2020		ADMITTED/ DC HOME Q	Negative
3/25/2020		ADMITTED/ DC HOME Q	Negative
3/25/2020		ADMITTED	Negative
3/26/2020		ADMITTED	Negative
3/26/2020		EMPLOYEE	Negative
3/27/2020		ADMITTED/DC HOME Q	Negative
3/29/2020		Admitted	POSITIVE
3/29/2020		Admitted	POSITIVE
3/29/2020		Admitted	POSITIVE
3/30/2020		Spring Valley	Negative
3/31/2020		Expired	Negative
3/31/2020		Admitted	Negative
3/31/2020		SPRING VALLEY	Negative
4/1/2020		Home Quarantine	Negative
4/1/2020		AMA	Negative
4/1/2020		ADMISSION	Negative
4/2/2020		HOME QUARANTINE	Negative
4/2/2020		Admission	Negative
4/2/2020		EXPIRED	Negative
4/2/2020		Admission	Negative
4/3/2020		Home Quarantine	Negative
4/3/2020		Home Quarantine	Negative
4/3/2020		Admission	Negative
4/4/2020		Jail	Negative
4/4/2020		EXPIRED	Negative

Date		Location	Result
4/5/2020		Home Quarantine	Negative
4/5/2020		Home Quarantine	Negative
4/5/2020		Admission	Negative
4/5/2020		Admission	Negative
4/5/2020		Home Quarantine	Negative
4/6/2020		Admission	Negative
4/6/2020		Admission	Negative
4/6/2020		Admission	Negative
4/7/2020		Home Quarantine	Negative
4/7/2020		ADMISSION	Negative
4/8/2020		Home Quarantine	Negative
4/8/2020		Admission	Negative
4/8/2020		Home Quarantine	Negative
4/8/2020		Admission	Negative
4/9/2020		Home Quarantine	Negative
4/9/2020		Admission	Negative
4/9/2020		Admission/DC	Negative
4/11/2020		Admission	Negative
4/12/2020		Home Quarantine	Negative
14-Apr		Admission	Negative
4/14/2020		Admission	Negative
4/14/2020		Admission	Negative
4/14/2020		Home Quarantine	Negative
4/14/2020		Quarantine at Facility	POSITIVE
4/15/2020		Home Quarantine	Negative
4/15/2020		Admission	Negative
4/15/2020		Admission	Negative
4/15/2020		Admission	Negative

4/15/2020		Home Quarantine	Negative
4/15/2020		Admission	Negative
4/17/2020		Admission	Negative
4/18/2020		Home Quarantine	Negative
4/19/2020		Admission	Negative
4/19/2020		Home Quarantine	Negative
4/19/2020		Home Quarantine	Negative
4/20/2020		Admission	Negative
4/20/2020		Admission	Negative
4/20/2020		Home Quarantine	Negative
4/21/2020		Inpatient	Negative
4/21/2020		Inpatient	Negative
4/21/2020		Med Retest-Previous +	POSITIVE
4/22/2020		Admission/DC	Negative
4/22/2020		Med Retest-Previous +	Negative
4/22/2020		Admission	Negative
4/23/2020		Admission	Negative
4/23/2020		Home Quarantine	POSITIVE
4/23/2020		Home Quarantine	Negative
4/23/2020		Admission	Negative
4/23/2020		Admission	Negative
4/24/2020		EXPIRED	Negative
4/25/2020		Home Quarantine	POSITIVE
4/25/2020		Admission	Negative
4/26/2020		Desert Springs Hospital	Negative
4/26/2020		Admission	Negative
4/26/2020		Home Quarantine	Negative
4/27/2020		Admission	Negative

4/27/2020		Home Quarantine	Negative
4/27/2020		Home Quarantine	Negative
4/27/2020		Med Retest-Previous +	Negative
4/27/2020		ER-PSYCH HOLD	Negative
4/28/2020		Admission	Negative
4/28/2020		Admission/DC	Unknown
4/29/2020		Home Quarantine	Unknown
4/29/2020		Admission	Unknown
4/29/2020		Admission	Unknown
4/29/2020		Admission	Unknown

Other patients have been transported to Las Vegas based hospitals where they have received higher level of care mostly unrelated to COVID-19. (See attached list of inter facility transfers)

DOS	Agency	Hosp	Last Updated	Status	EMS Unit
28-Apr	PVFR	Spring V	30-Apr	Not Detected	M3
27-Apr	PVFR	Spring V	30-Apr	Not Detected	M3
25-Apr	PVFR	Sum	28-Apr	Not Detected	PVFR
24-Apr	PVFR	Spring V	26-Apr	Not Detected	PVFR
20-Apr	PVFR	Sum	23-Apr	Not Detected	PVFR
19-Apr	PVFR	Spring V	21-Apr	Not Detected	M5
19-Apr	PVFR	Spring V	21-Apr	Not Detected	M1
16-Apr	PVFR	Spring V	18-Apr	Not Detected	M3
15-Apr	PVFR	Spring V	17-Apr	Not Detected	PVFR
14-Apr	PVFR	Val	16-Apr	Not Detected	M1
12-Apr	PVFR	Sum	14-Apr	Not Detected	PVFR
12-Apr	PVFR	Spring V	14-Apr	Not Detected	PVFR
10-Apr	PVFR	Spring V	13-Apr	Not Detected	M2
10-Apr	PVFR	Spring V	12-Apr	Not Detected	M2

9-Apr	PVFR	Spring V	11-Apr	Not Detected	M2
9-Apr	PVFR	Spring V	11-Apr	Not Detected	M2
8-Apr	PVFR	Spring V	10-Apr	Not Detected	M2
7-Apr	PVFR	Sum	9-Apr	Not Detected	PVFR
4-Apr	Mercy Air, PVFR	Cent	7-Apr	Not Detected	MA21, Nye County 32
3-Apr	PVFR	Sum	5-Apr	Not Detected	PVFR
1-Apr	PVFR	Spring V	4-Apr	Not Detected	Medic 1
27-Mar	PVFR	Spring V	30-Mar	Not Detected	M3
18-Mar	PVFR	Sum	29-Mar	Not Detected	PVFR

Three Nye County citizens remain in Las Vegas based medical facilities. Two had been placed on ventilators, but have since recovered to the point that they were successfully extubated and are now breathing unassisted.

Personal Protective Equipment (PPE):

Nye County has obtained PPE through varies supply chains including FEMA, State of Nevada stockpiles, Nye County stockpiles, Southern Nevada Working Group donations, and other private corporation and citizen donations.

Nye County has strictly adhered to the premise that PPE received from State and/or Federal stockpiles be distributed only to emergency responders. Nye County's requests for PPE followed the prescribed ordering procedures established by the SEOC (Logistics Section Chief). All completed resource request forms were completed and submitted to SEOC Logistics and tracked on State of Nevada Web EOC.

Nye County DEM has submitted and managed resource requests for the following agencies and departments:

- All Nye County Fire and EMS agencies
- Nye County Sheriff's Office and their detention center, Search and Rescue, Aux., etc.
- Nye County Public Administrator's Office
- Desert View Hospital
- Amargosa Clinic and clinics located in Pahrump.
- Doctor's offices located in Pahrump
- Long term care facilities located in Pahrump.
- Home Health Care providers

PPE requests and tracking is maintained at Nye County DEM using excel spreadsheets. All received PPE is inventoried, documented, photographed, and distributed with corresponding documentation showing who, when, and where the material was distributed. It is important to note that DEM has not received all

requested PPE. Therefore, DEM has been unable to fully supply all of the organizations and agencies that have submitted resource requests.

Desert View Hospital recently began submitting a daily PPE usage report to DEM for tracking purposes.

Desert View Hospital reports the following burn rate:

- 5 boxes of N-95 masks per day
- 150-300 gowns per day
- 5 boxes of surgical masks per day.
- 15-20 PUI admissions per week

Desert View PPE Snap Shot:

"Normal" WAREHOUSE	CAT#	QTY UOM	UOM	4/30/2020
N95 REG	46767	35 BX		
N95 SMALL	46867	35 BX		
N95 REG 3M	1860	20 BX		
N95 SMALL 3M	1860S	20 BX		
GREEN MASK	AT51035	50 BX		
CONE MASK	AT7509	50 BX		36
EARLOOP	AT71021	50 BX		30
FACESHIELD mask	AT74635	50 BX		0
ISO GOWN	2346	100 CS		9
STERILE GOWN	9545	1 EA		0
BUNNY SUIT	5236	5 PK		15
BOUFFANT CAP	2143	100 BX		7
SHOE COVER	2261	100 BX		2
STERILE GLOVES	MIXED SIZES	50 BX		25
SMALL EXAM GLOVE	5062	100 BX		383
MED EXAM GLOVE	5063	100 BX		284
LG EXAM GLOVE	5064	100 BX		178
XL EXAM GLOVE	5065	100 BX		41
PURPLE TOP WIPES	Q86948	1 TB		156
BLEACH WIPES	69150	1 TB		0

Burn rate for Nye County emergency responders (Fire, EMS & LE) is approximately 100 N-95 and surgical masks per week.

Therefore, our current supplies are sound for approximately 1 week to 10 days. We anticipate an increase in burn rates as we open our economy and further potential exposures increase.

Nye County's current supplies could be diminished quicker than projected. Therefore, Nye County will continue to submit Resource Requests and make necessary purchases of essential PPE for our Emergency Responders within budgetary constraints. We will further endeavor to solicit donations and exercise cleaning options of existing N-95 masks following state and federal guidelines.

Contact Tracing:

Prior to COVID, Nye County had not engaged in contact tracing.

Nye County has embraced a proactive approach to testing. As a result, we are ahead of the curve in identifying COVID positive people by completing approximately 1100 COVID nasal-pharyngeal tests. The tests were conducted throughout the County via mobile field testing, hospital testing, and clinic and Dr's office testing.

Nye County began aggressively engaging in contact tracing since our first reported case. As the number of cases increased, we further refined our process and worked collectively with DPBH State Contact tracers to ensure a thorough and appropriately shared tracing approach. Our current strategy has proven beneficial and will remain our primary method for investigating confirmed COVID cases with cross reference with State Contact Tracers.

Contact tracing has grown to 8 tracers. Two investigators are assigned by Nye County who work along with six from the State of Nevada DPBH.

Every confirmed COVID-19 case is immediately followed with a telephone trace interview completed by DEM. Interview results are memorialized in writing and compared to other confirmed cases. Nexus mapping is used in most cases to help identify overlapping risks. The information is then shared with the County Health Officer and State officials. The tracing process solicits relevant and detailed information including, but not limited to other contacts, family members, employment, shopping, fuel purchases, worship, other known COVID contacts, travel, and other associated risks.

All positive COVID cases are placed to a secondary spreadsheet to help track the patient's recovery and identify other positive cases. Patients are contacted every few days to obtain a status report and health update.

Nye County's plan considers continued testing and contact tracing for the next nine months. We anticipate another five (5) state provided tracers to be beneficial.

Through our tracing processes, DEM has identified nexus contacts that have identified the need for mass target testing in specific geographical areas. The results of our efforts have proven beneficial to mandate quarantining which immediately minimized our exposure rates in those areas.

Therefore, data will continue to be collected by testing groups, confirmed positive cases transferred to and followed up (tracers) by DEM and detailed information forwarded to the County Health Officer and other State representatives for monitoring and recording purposes.

Nye County Population:

According to the 2019 Nevada State Demographer's Certified Estimate, the population of Nye County is 48,472.