

NEWS RELEASE

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FOR IMMEDIATE RELEASE

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COVID Update for Southwest Nebraska

For the week of June 20th to 26th, 41 cases of COVID-19 were recorded in Southwest Nebraska Public Health Department (SWNPHD), with the 4-week average holding steady. In the past 4 weeks, 167 cases of COVID were reported from the 9-county health district.

Almost two-thirds of all new cases (61%) in SWNPHD were detected in residents aged 60 years and over. These residents are more likely to seek testing for COVID-19, which contributes to their positive numbers. Over 92% of persons aged 65 years and over have received at least one booster dose; this high vaccination rate has helped to keep hospitalization rates down in this age group even with their higher positive test rates. 43% of all SWNPHD residents have received the minimum vaccination dose (1 or 2 shots). 47% of these persons have received at least one booster vaccine shot.

Bi-weekly report Jun 14 – Jun 27, 2022

The weekly report will look at COVID-19 cases in SWNPHD across different time periods, presenting graphs showing daily progress of cases and a weekly summary in conclusion

- The first table describes total COVID positive cases detected from **Jun 14 – Jun 26, 2022 (2 weeks)** & the past 4 weeks (**May 30 – Jun 26, 2022**) in Chase, Dundy, Hayes, Hitchcock, Frontier, Furnas, Keith, Perkins, and Red Willow counties. Positive results are described as weekly and monthly **COVID cases/10,000 population**.
- The second table describes all COVID tests conducted in SWNPHD from **Jun 14 – Jun 26, 2022 (1 week)** & the past 4 weeks (**May 30 – Jun 26, 2022**). We describe **total tests, positive cases and test positivity rate** by age and gender.
- The third table shows the **proportion of persons fully vaccinated** in SWNPHD. We define “fully vaccinated” as the proportion of persons who have received the minimum recommended dose (2 for Pfizer & Moderna; 1 for Janssen vaccines). Data is described by **county and age** category. Data current as of **Jun 26, 2022**.
- The first graph looks at the weekly progress of the pandemic from **April 1, 2020 – Jun 26, 2022**, across all 9 counties in SWNPHD. We describe the **daily COVID positive case rate (7-day rolling average¹)** across SWNPHD.
- The second graph describes the **average daily case rate (7-day rolling) by age** from **April 1, 2020 – Jun 26, 2022**, dividing the population by **10-year age categories**.

¹ 7-day rolling average refers to the sum of the cases reported on that day and the preceding 6 days divided by 7. This number is presented for each day to ‘smooth out’ the line for cases.

- The third graph describes the **daily COVID tests** in SWNPHD from **April 17, 2020 – June 26, 2022**, further divided as **positive** or **negative**. The graph also describes the average **test positivity rate (7-day rolling average)**².

The table below describes COVID positives/10,000 population and the positivity rate for the **past 2 weeks (Jun 13 – Jun 26, 2022)** & the past 4 weeks (**May 31 – Jun 26, 2022**)

	Total Population	Jun 13 – Jun 26 (2 weeks)		May 30 – Jun 26 (4 weeks).	
		Positive cases/10,000 population	Test Positivity rate	Positive cases/10,000 population	Test Positivity rate
Chase	3,734	5.4	15.4%	77.7	44.6%
Dundy	2,023	9.9	1.5%	24.7	2.3%
Frontier	2,609	26.8	24.1%	38.3	18.5%
Furnas	4,786	29.3	18.9%	46.0	16.2%
Hayes	943	0.0	0.0%	42.4	20.0%
Hitchcock	2,843	21.1	4.5%	35.2	4.7%
Keith	8,099	27.2	12.4%	42.0	12.9%
Perkins	2,907	20.6	10.5%	24.1	6.6%
Red Willow	10,806	28.7	7.5%	42.6	5.5%
TOTAL	38,750	23.2	8.6%	43.1	8.8%

The table below describes COVID tests conducted, positives and the positivity rate by age and gender for the **past week (Jun 14 – Jun 26, 2022)** & the past 4 weeks (**May 31 – Jun 26, 2022**)

Age (in yrs)	Jun 13 – Jun 26 (2 weeks)			May 30 – Jun 26 (4 weeks).		
	Tests	Positive cases	Test Positivity rate	Tests	Positive cases	Test Positivity rate
0-17	49	6	12.2%	97	7	7.2%
18-29	150	12	8.0%	269	15	5.6%
30-39	122	11	9.0%	196	12	6.1%
40-49	126	6	4.8%	244	13	5.3%
50-59	165	11	6.7%	290	19	6.6%
60-69	135	17	12.6%	253	30	11.9%
70-79	85	10	11.8%	165	22	13.3%
80-89	211	17	8.1%	391	49	12.5%
Total	1043	90	8.6%	1,905	167	8.8%
Gender						
Female	780	57	7.3%	1,401	106	7.6%
Male	259	33	12.7%	499	61	12.2%
Missing/ did not disclose	4	0	0.0%	5	0	0.0%
Total	1043	90	8.6%	1,905	167	8.8%

² (7-day rolling average) test positivity rate = (Sum of positive results for preceding 7 days) / (Sum of all tests conducted in the preceding 7 days)

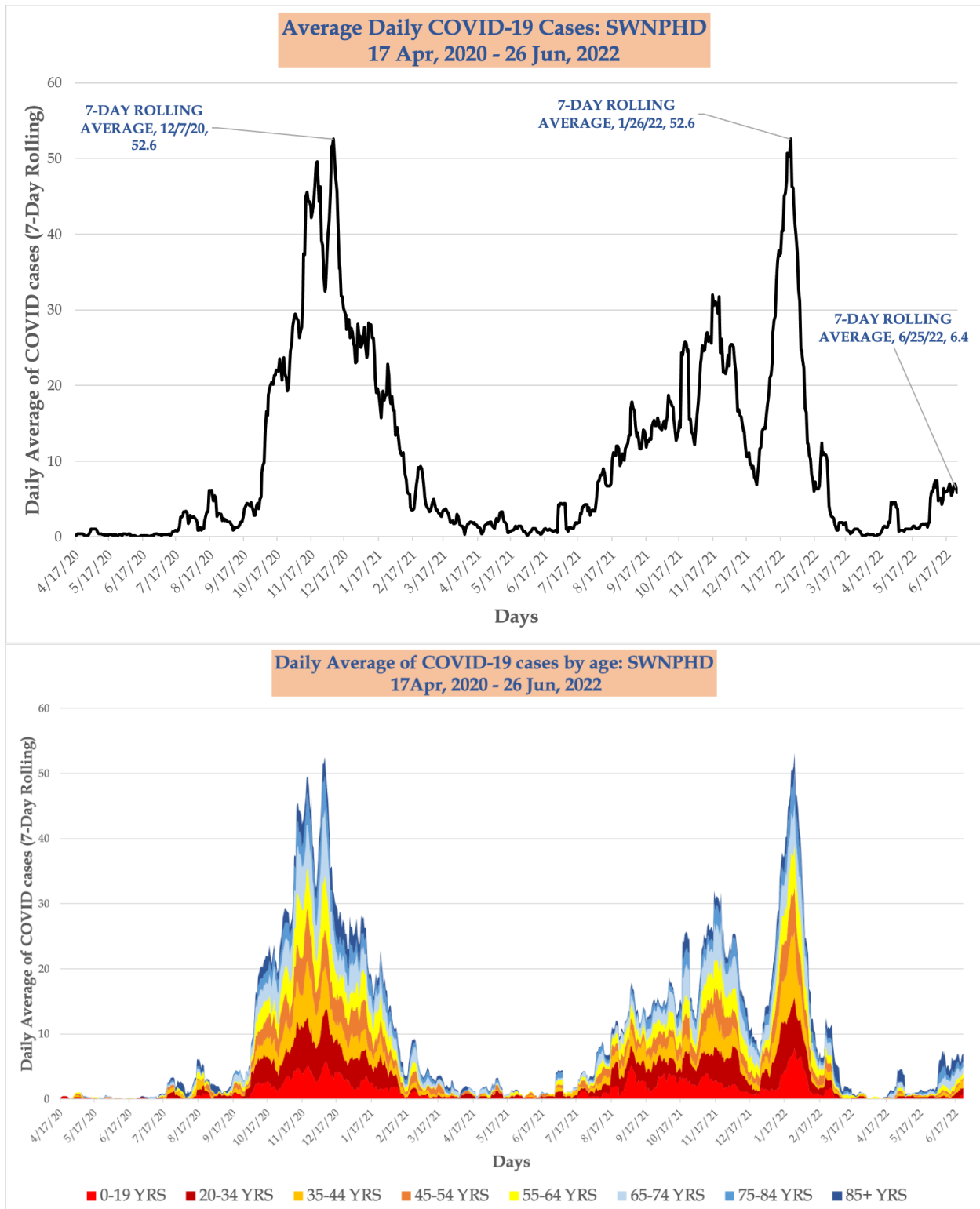
- Details of vaccination rates by age in each of the nine counties in Southwest Nebraska Public Health Department is shown below. The legend for color codes used is also displayed. Percentages have been rounded off to the nearest whole number. Vaccines are currently available to all eligible residents aged 5 years and over.
- Only 1st (Janssen) & 2nd (Moderna & Johnson & Johnson) doses (Moderna & Johnson & Johnson) have been considered, booster doses have not been counted to calculate the “completely vaccinated” rate. Data spans the period from **15 Dec, 2020 – 26 Jun, 2022.** ³

	0-19 YRS	20-34 YRS	35-44 YRS	45-54 YRS	55-64 YRS	65-74 YRS	75-84 YRS	85+ YRS	ALL AGES
Chase	12%	35%	38%	47%	50%	84%	75%	68%	43%
Dundy	7%	22%	23%	33%	41%	67%	101%	39%	30%
Frontier	7%	31%	37%	44%	50%	60%	56%	94%	37%
Furnas	16%	42%	50%	51%	62%	83%	92%	76%	51%
Hayes	8%	24%	34%	19%	30%	73%	49%	43%	29%
Hitchcock	7%	23%	36%	35%	47%	77%	53%	63%	36%
Keith	15%	38%	44%	44%	61%	65%	68%	85%	46%
Perkins	10%	31%	41%	47%	53%	74%	80%	56%	41%
Red Willow	11%	34%	45%	44%	59%	93%	68%	87%	44%
SWNPHD	12%	34%	42%	44%	55%	77%	70%	74%	43%

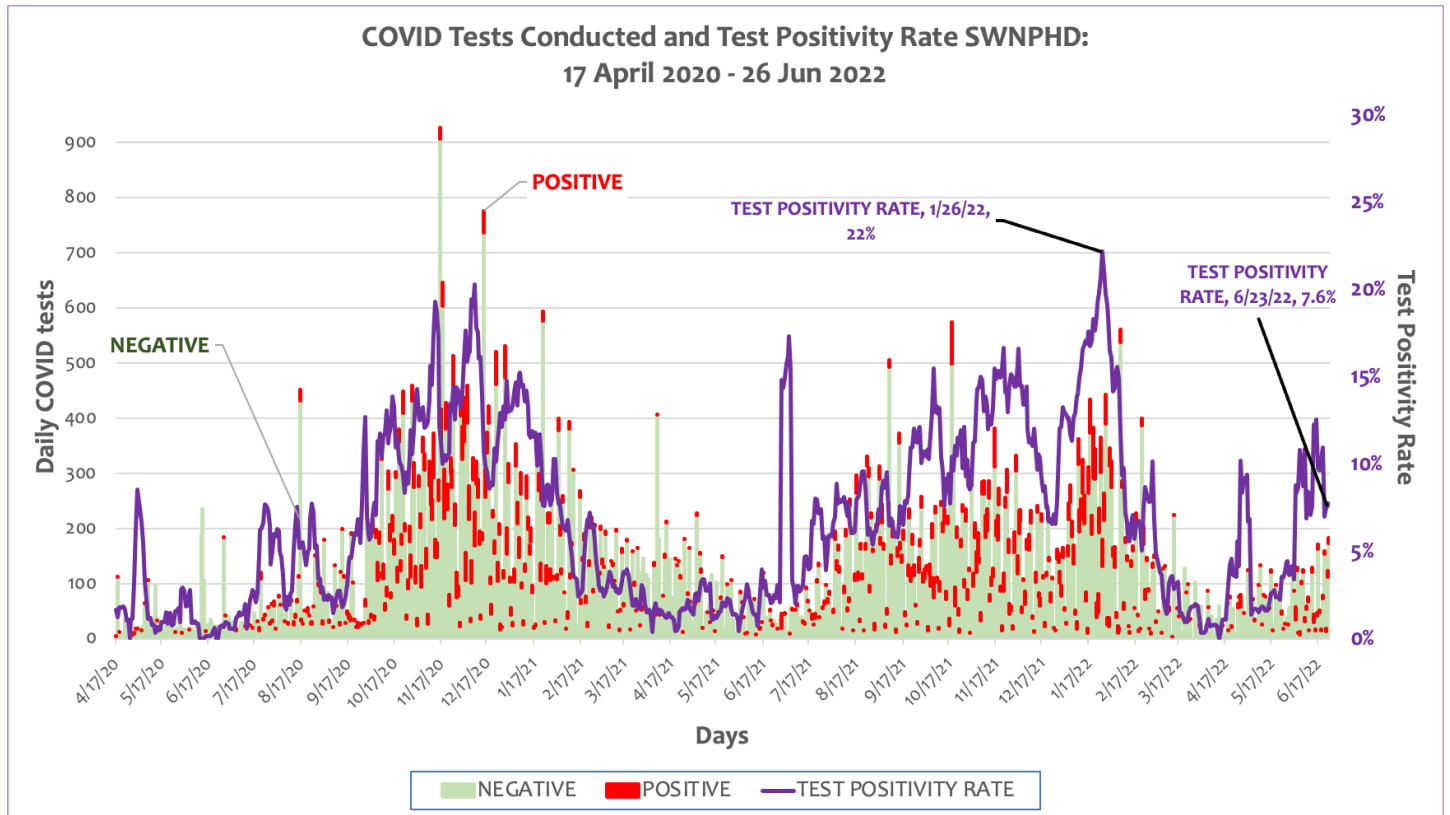
0% - 24%	Less than 1/4th received 1 or 2 dose as recommended
25% - 49%	1/4ths to 1/2 received 1 or 2 dose as recommended
50%- 74%	1/2 to 3/4ths received 1 or 2 dose as recommended
75% & higher	Over 3/4ths received 1 or 2 dose as recommended

³ Due to routine corrections and changes in the data, the numbers of persons who are fully vaccinated has changed slightly from an earlier version of this table (date April 17th, 2022). This reflects corrections and refining of the data as part of routine data maintenance. In general, the most current version of this table may be treated as most accurate.

- The first graph below describes the **average daily number of new cases** across all 9 counties of Southwest Nebraska Public Health Department from 17 Apr 2020 – 26 Jun 2022. Daily average is depicted by the 7-day rolling average of cases.
- The second graph describes daily average of cases by age. Graph width represents average number of new COVID cases for the previous 7 days, and individual colors describe age
- In general, blue = 65+ years, Yellow & Orange = 35-64 year olds, Red = Less than 35 years old.



- The graphs below describe the **daily COVID tests** in SWNPHD from **April 17, 2020 – June 26, 2022** further divided as **positive or negative**.
- The graph also describes the average **test positivity rate (7-day rolling average)**⁴ The graph depicts the entire district: Chase, Dundy, Furnas, Frontier, Hayes, Hitchcock, Keith, Perkins, and Red Willow counties. **Test Positivity Rate in SWNPHD from 17 Jun – 23 Jun, 2022 is 7.6%**
- The height of the bar graph represents the total tests conducted on that day.
- The running line graph tracks 7-day positivity rate among all COVID tests in the last 25 months.
- Scale is different for the bar and line graph – see both axes



Southwest Nebraska Public Health Department serves Chase, Dundy, Frontier, Furnas, Hayes, Hitchcock, Keith, Perkins, and Red Willow counties. You can follow SWNPHD on Facebook and Instagram or view the website at www.swhealth.ne.gov. Call (308) 345-4223 or stop by the office at 404 West 10th Street in McCook or 314 West 1st Street in Ogallala (west door).

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⁴ (7-day rolling average) test positivity rate = (Sum of positive results for preceding 7 days) / (Sum of all tests conducted in the preceding 7 days)