

NEWS RELEASE

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FOR IMMEDIATE RELEASE

Contact: Myra Stoney, Health Director, director@swhealth.ne.gov, 308-345-4223

COVID Update for Southwest Nebraska

21 cases of COVID-19 were recorded in Southwest Nebraska Public Health Department (SWNPHD) between Jun 6 - Jun 13, 2022. In the past 4 weeks, 88 cases of COVID were reported from the 9-county health district. These case counts are moderately higher, following the trends in increased cases already seen in the eastern part of the state. The weekly and 4-week average of new cases has increased by 50% compared to the previous two months. Newer cases seem to be disproportionately among persons over 65 years of age.

43% of all SWNPHD residents are fully vaccinated. Only about 40 new individuals were fully vaccinated (received second dose of vaccine) in the past month. Now and throughout the summer is a good time to get booster doses or primary series of COVID vaccine to prepare for a possible fall wave and protect from serious illness and hospitalization due to COVID-19.

Weekly report Jun 7 – Jun 13, 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 7 – Jun 13, 2022 (1 week)** & the past 4 weeks (**Jun 17 – Jun 13, 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 7 – Jun 13, 2022 (1 week)** & the past 4 weeks (**Jun 17 – Jun 13, 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 13, 2022**.
- The first graph looks at the weekly progress of the pandemic from **April 1, 2020 – Jun 13, 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 13, 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 weekly number of persons who received their **first dose of COVID vaccine** in each of the 9 counties in SWNPHD, further describing **weekly vaccine recipients by age**. Data current as of **Jun 13, 2022**

The table below describes COVID positives/10,000 population and the positivity rate for the **past week (Jun 7 – Jun 13, 2022)** & the past 4 weeks (**May 17 – Jun 13, 2022**)

	Total Population	Jun 7 – Jun 13 (1 week)		May 17 – Jun 13 (4 weeks).	
		Positive cases/10,000 population	Test Positivity rate	Positive cases/10,000 population	Test Positivity rate
Chase	3,734	16.1	54.5%	72.3	34.2%
Dundy	2,023	0.0	0.0%	9.9	2.2%
Frontier	2,609	7.7	20.0%	15.3	10.8%
Furnas	4,786	6.3	23.1%	12.5	8.5%
Hayes	943	10.6	25.0%	53.0	26.3%
Hitchcock	2,843	0.0	0.0%	10.6	1.4%
Keith	8,099	4.9	13.3%	14.8	6.9%
Perkins	2,907	3.4	4.3%	6.9	2.1%
Red Willow	10,806	3.7	2.8%	25.0	4.4%
TOTAL	38,750	5.4	6.4%	22.7	6.3%

The table below describes COVID tests conducted, positives and the positivity rate by age and gender for the **past week (Jun 7 – Jun 13, 2022)** & the past 4 weeks (**May 17 – Jun 13, 2022**)

Age (in yrs)	Jun 7 – Jun 13 (1 week)			May 17 – Jun 13 (4 weeks).		
	Tests	Positive cases	Test Positivity rate	Tests	Positive cases	Test Positivity rate
0-17	16	1	6.3%	78	1	1.3%
18-29	46	0	0.0%	199	7	3.5%
30-39	30	0	0.0%	148	4	2.7%
40-49	51	2	3.9%	222	7	3.2%
50-59	56	4	7.1%	192	9	4.7%
60-69	49	7	14.3%	191	13	6.8%
70-79	27	3	11.1%	117	15	12.8%
80-89	52	4	7.7%	253	32	12.6%
Total	327	21	6.4%	1,400	88	6.3%
Gender						
Female	246	13	5.3%	1,014	57	5.6%
Male	81	8	9.9%	385	31	8.1%
Missing/ did not disclose	0	0	0.0%	1	0	0.0%
Total	327	21	6.4%	1,400	88	6.3%

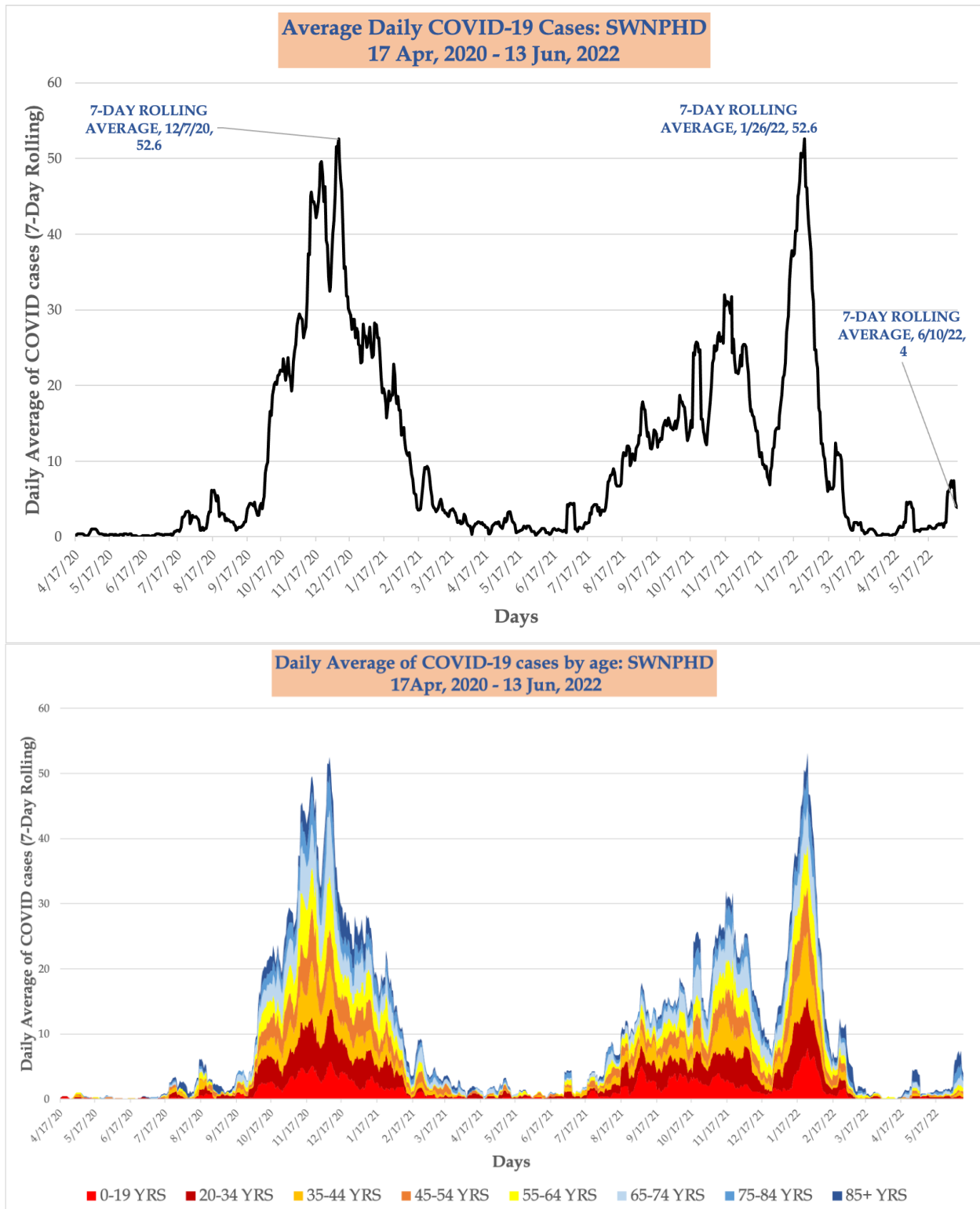
- Details of vaccination rates by age in each of the nine counties in Southwest Nebraska Public Health Department is shown below. The legend for color codes used is also displayed. Percentages have been rounded off to the nearest whole number. Vaccines are currently available to all eligible residents 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 – 13 Jun, 2022.** ²

	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%	46%	50%	84%	75%	67%	43%
Dundy	7%	22%	23%	33%	41%	66%	100%	39%	31%
Frontier	7%	31%	37%	44%	50%	61%	56%	96%	38%
Furnas	16%	42%	50%	50%	62%	83%	92%	76%	51%
Hayes	8%	23%	34%	19%	30%	69%	48%	47%	28%
Hitchcock	7%	23%	36%	34%	48%	77%	52%	64%	36%
Keith	14%	38%	44%	44%	61%	65%	67%	85%	46%
Perkins	10%	31%	41%	47%	53%	73%	82%	57%	41%
Red Willow	11%	34%	45%	44%	59%	93%	68%	87%	44%
SWNPHD	12%	34%	42%	43%	55%	76%	70%	74%	43%

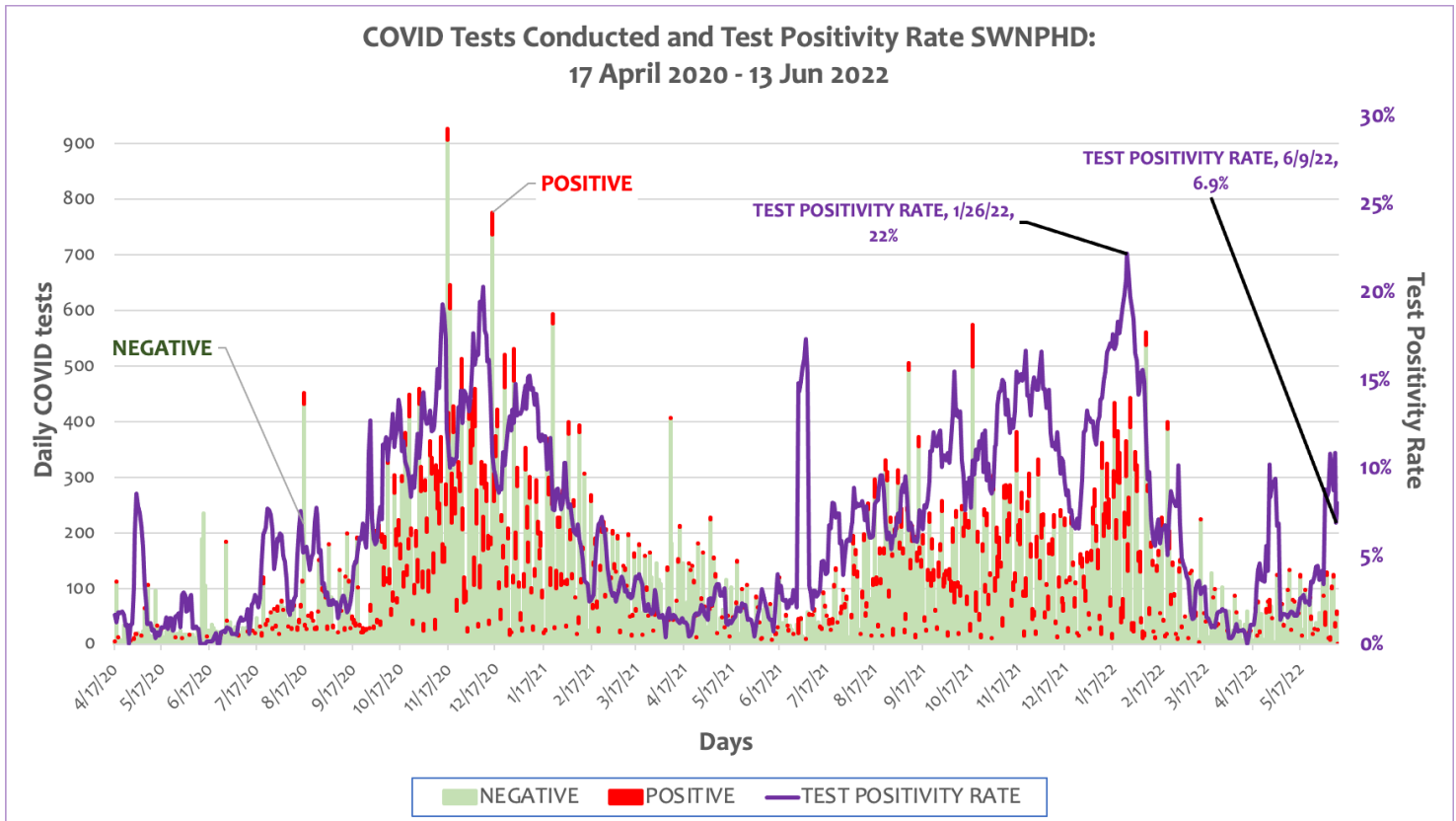
0% - 24%	Less than 1/4th received 1 or 2 dose as recommended
25% - 49%	1/4ths to 1/2 received 1 or 2 dose as recommended
50%- 74%	1/2 to 3/4ths received 1 or 2 dose as recommended
75% & higher	Over 3/4ths received 1 or 2 dose as recommended

² 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 – 13 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 olds.



- The graphs below describe the **daily COVID tests** in SWNPHD from **April 17, 2020 – June 13, 2022**, further divided as **positive or negative**.
- The graph also describes the average **test positivity rate (7-day rolling average)**³ The graph depicts the entire district, ie Chase, Dundy, Furnas, Frontier, Hayes, Hitchcock, Keith, Perkins and Red Willow counties. **Test Positivity Rate in SWNPHD from 3 Jun – 9 Jun, 2022 is 6.9%**
- 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 us 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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³ (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)