



# Southwest Nebraska Public Health Department

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PREVENT • PROMOTE • PROTECT

February 8, 2022

FOR IMMEDIATE RELEASE

Contact: Myra Stoney, Health Director, [director@swhealth.ne.gov](mailto:director@swhealth.ne.gov), 308-345-4223

- 163 cases of COVID-19 were recorded in Southwest Nebraska Public Health Department (SWNPHD) between January 31 - February 6. 15.0% of all tests were positive in the last week, as compared to 17.5% in the previous month.
- Case rates have fallen for the second straight week and have dropped by more than 50% in the past 2 weeks.
- ***Test positivity rate is still at 17% or higher among SWNPHD residents aged less than 40 years. Since this population is also less likely to be fully vaccinated, the continued high rates in this population merit greater consideration.***

## Weekly report Jan 31 – Feb 6, 2022

### Overview

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 **Jan 31 – Feb 6** (1 week) and **Jan 10 – Feb 6** (4 weeks) 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 **Jan 31 – Feb 6** (1 week) and **Jan 10 – Feb 6** (4 weeks). 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.
- The first graph looks at the weekly progress of the pandemic from **April 1, 2020 – Feb 6, 2022** across all 9 counties in SWNPHD. We describe the **daily COVID positive case rate (7-day rolling average<sup>1</sup>)** across SWNPHD.
- The second graph describes the **average daily case rate (7-day rolling) by age**, dividing the population by **10-year age categories**.

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<sup>1</sup> 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 graphs describe the **average daily case rate (7-day rolling)** in each of the 9 counties in SWNPHD, described as **per 10,000 residents**.

The table below describes COVID positives/10,000 population and the positivity rate for the past week (Jan 31 – Feb 6, 2022) & the past 4 weeks (Jan 10 – Feb 6, 2022)

	Total Population	Jan 31 – Feb 6 (1 week)		Jan 10 – Feb 6 (4 weeks).	
		Positive cases/10,000 population	Test Positivity rate	Positive cases/10,000 population	Test Positivity rate
Chase	3,734	187.5	8.5%	187.5	11.8%
Dundy	2,023	242.2	4.2%	242.2	7.4%
Frontier	2,609	207.0	20.7%	207.0	20.2%
Furnas	4,786	457.6	33.0%	457.6	27.9%
Hayes	943	95.4	9.1%	95.4	19.1%
Hitchcock	2,843	218.1	16.9%	218.1	13.7%
Keith	8,099	339.5	14.8%	339.5	21.5%
Perkins	2,907	306.2	9.7%	306.2	16.7%
Red Willow	10,806	207.3	18.8%	207.3	16.1%
<b>TOTAL</b>	<b>38,750</b>	<b>271.2</b>	<b>15.0%</b>	<b>271.2</b>	<b>17.5%</b>

The table below describes COVID tests conducted, positives and the positivity rate by age and gender for the past week (Jan 31 – Feb 6, 2022) & the past 4 weeks (Jan 10 – Feb 6, 2022)

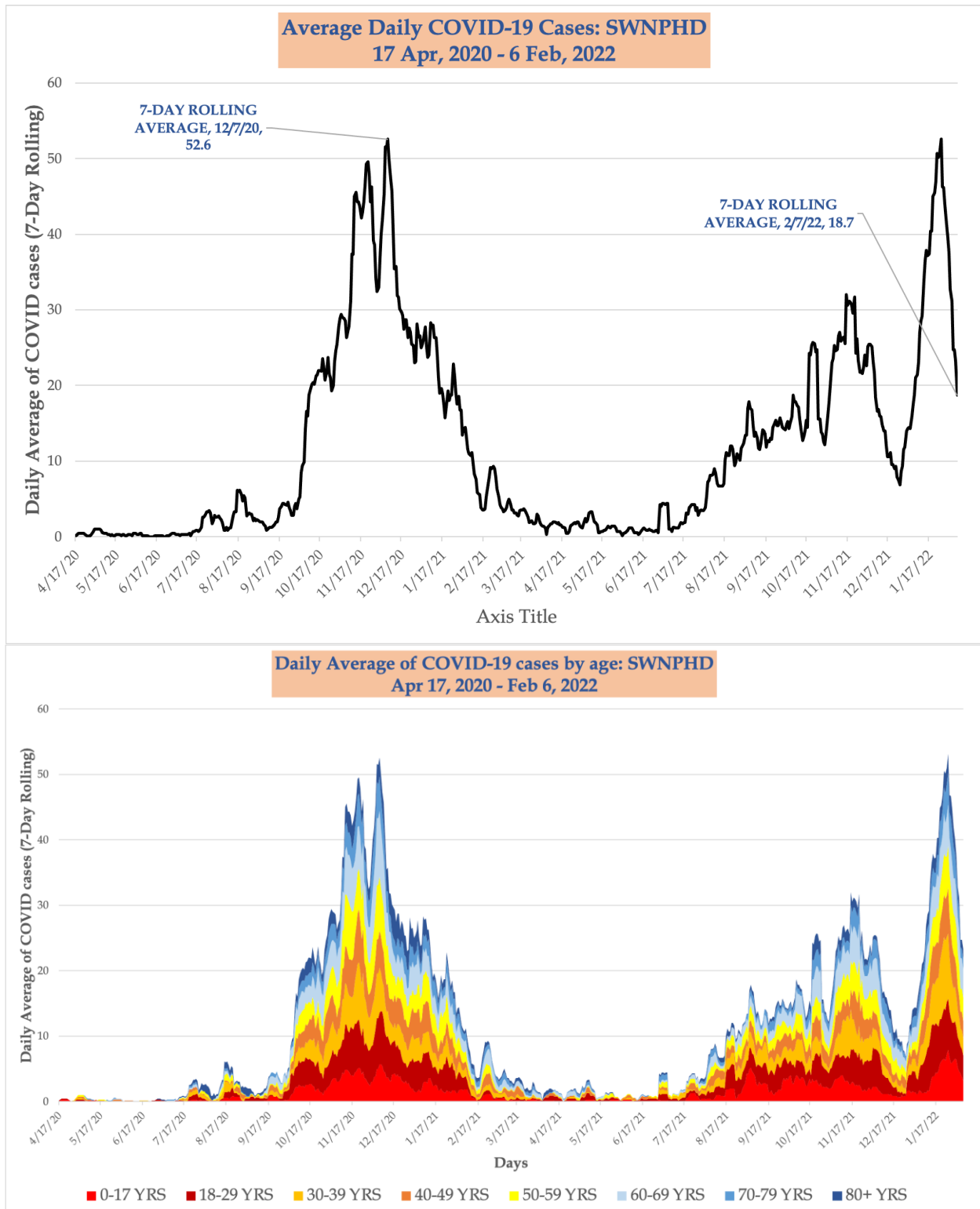
Age (in yrs)	Jan 31 – Feb 6 (1 week)			Jan 10 – Feb 6 (4 weeks).		
	Tests Conducted	Positives	Positivity Rate	Tests Conducted	Positives	Positivity Rate
0-17	78	22	28.2%	441	136	30.8%
18-29	159	27	17.0%	878	172	19.6%
30-39	112	19	17.0%	673	174	25.9%
40-49	125	18	14.4%	705	139	19.7%
50-59	166	25	15.1%	882	140	15.9%
60-69	155	30	19.4%	766	143	18.7%
70-79	102	11	10.8%	532	86	16.2%
80-89	190	11	5.8%	1,135	61	5.4%
<b>Total</b>	<b>1087</b>	<b>163</b>	<b>15.0%</b>	<b>6,012</b>	<b>1051</b>	<b>17.5%</b>
<b>Gender</b>						
Female	754	86	11.4%	4,262	602	14.1%
Male	331	75	22.7%	1,736	440	25.3%
Data missing/ not disclosed	2	2	100.0%	14	9	64.3%
<b>Total</b>	<b>1087</b>	<b>163</b>	<b>15.0%</b>	<b>6,012</b>	<b>1,051</b>	<b>17.5%</b>

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.

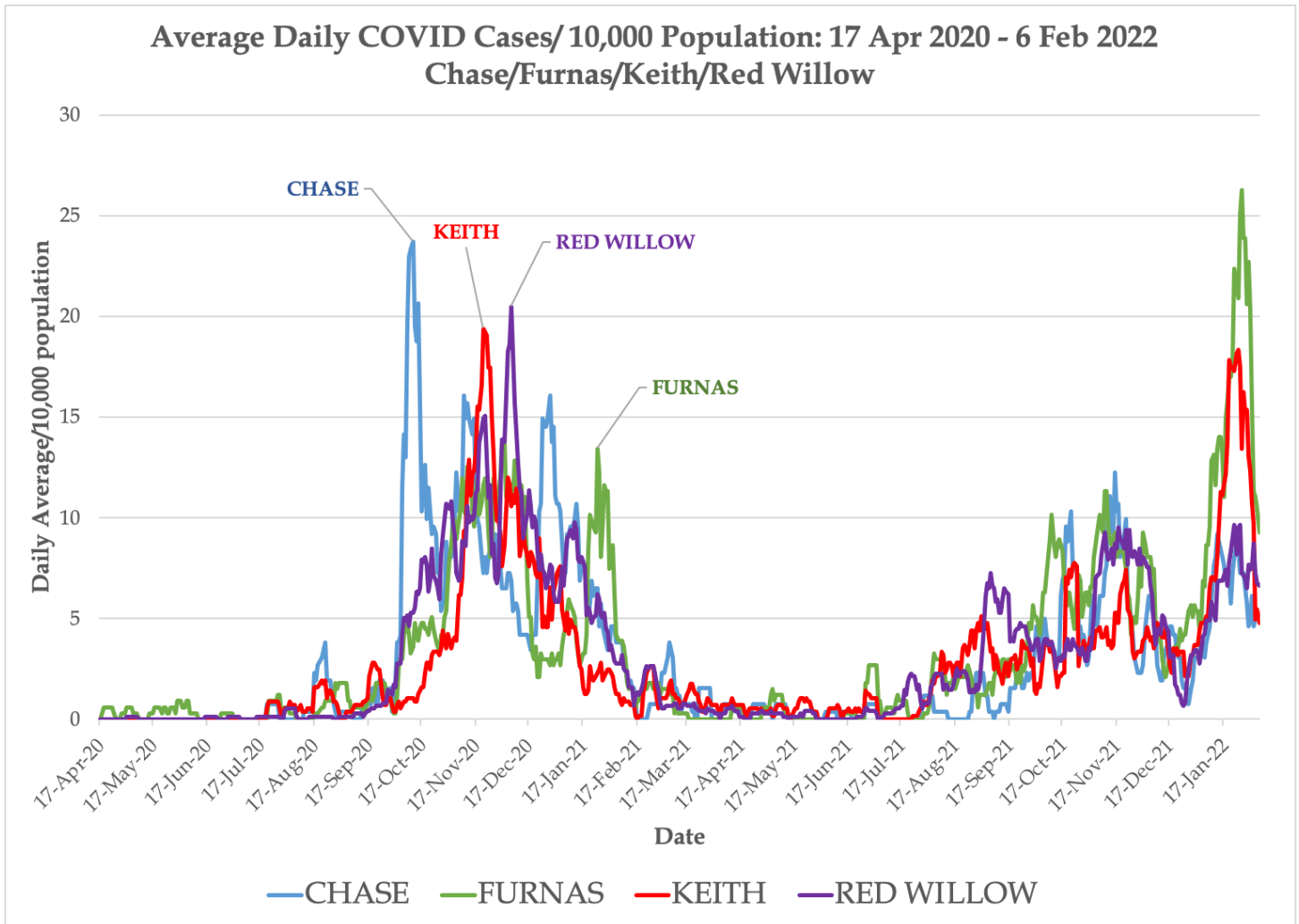
	0-19 YRS	20-34 YRS	35-44 YRS	45-54 YRS	55-64 YRS	65-74 YRS	75-84 YRS	85+ YRS	ALL AGES
<b>Chase</b>	11%	34%	38%	46%	49%	83%	74%	65%	42%
<b>Dundy</b>	6%	21%	22%	32%	41%	65%	100%	42%	30%
<b>Frontier</b>	6%	29%	36%	41%	50%	62%	54%	100%	37%
<b>Furnas</b>	15%	40%	47%	48%	60%	82%	92%	78%	49%
<b>Hayes</b>	6%	22%	31%	19%	29%	76%	48%	53%	28%
<b>Hitchcock</b>	6%	22%	34%	32%	46%	76%	51%	63%	35%
<b>Keith</b>	13%	36%	44%	43%	60%	64%	66%	85%	45%
<b>Perkins</b>	10%	29%	39%	44%	52%	72%	81%	56%	40%
<b>Red Willow</b>	10%	33%	45%	43%	58%	92%	68%	87%	43%
<b>SWNPHD</b>	10%	32%	41%	42%	54%	76%	69%	75%	42%

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

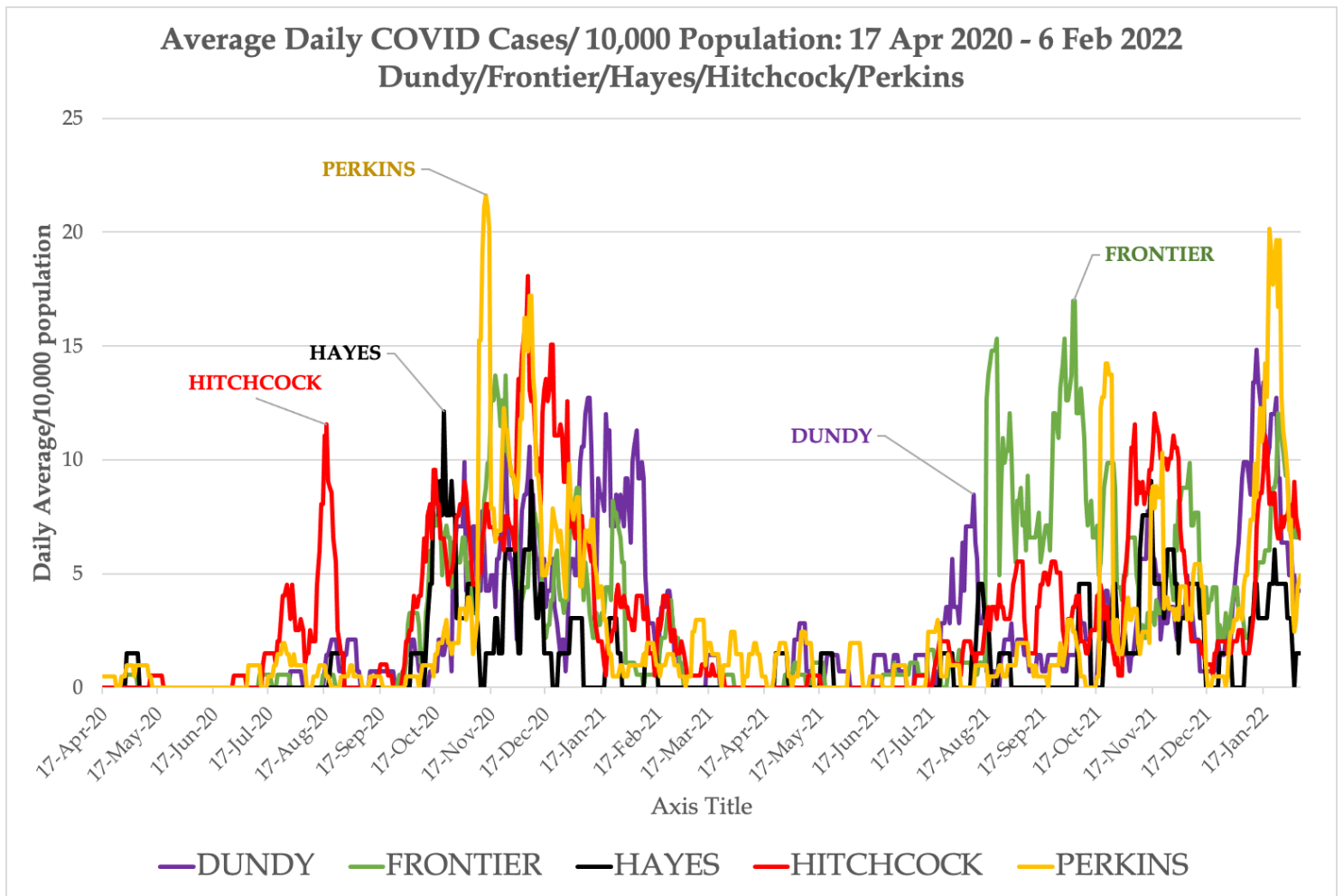
- The first graph below describes the **average daily number of new cases** across all 9 counties of Southwest Nebraska Public Health Department from 5 May 2020 – 30 January 2022. Daily average is depicted by the 7-day rolling average of cases. The second graph describes the daily average of cases by age. The width of the graph represents the average number of new COVID cases for the previous 7-days, and the individual colors describe the ages.
- In general, blue = 60+ years, Yellow & Orange = 30-59 year olds, Red = Less than 30 year olds.



- The graph below describes the **average daily number of new cases/ 10,000 population in Chase, Keith, Red Willow and Furnas counties** from 5 May 2020 – 6 February 2022. The height of the graph corresponds to the average number of new COVID cases proportional to the population of the county.



- The graph below describes the **average daily number of new cases/ 10,000 population in Hitchcock, Hayes, Perkins, Dundy and Frontier counties** from 5 May 2020 – 6 February 2022. The height of the graph corresponds to the average number of new COVID cases proportional to the population of the county.



SWNPHD is located at 404 West 10th St (1 block north of Arby's) in McCook and can be reached by calling 308-345-4223. The website [www.swhealth.ne.gov](http://www.swhealth.ne.gov) contains many resources and additional information helpful to prevent disease, promote and protect health. You can also follow SWNPHD on Facebook, Twitter, and Instagram. SWNPHD serves Chase, Dundy, Frontier, Furnas, Hayes, Hitchcock, Keith, Perkins, and Red Willow counties.

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