



## COVID-19 Vaccination Report – Two Rivers Health District : Dec 15, 2020 – Jun 14, 2021

The graphs depict the current status of COVID-19 vaccination in Two Rivers Public Health District (TRPHD) as of Jun 14, 2021. This includes residents of **Buffalo, Dawson, Franklin, Gosper, Harlan, Kearney & Phelps** counties (97,132). Of these, 81,216 persons are currently eligible for the vaccine (aged 12 years or more)<sup>1</sup>. Currently, we are reporting vaccinated numbers by total population in TRPHD, to have a better sense of the overall vaccine coverage in the community.

- Graphs 1 & 2 show relative number of **residents of each county** who have received one or two shots of the vaccine from **Dec 15, 2020 – Jun 14, 2021**.
  - **Graph 1** shows the number of TRPHD residents (all ages) per county, and orders counties by decreasing percentage of persons who received one or two doses of the vaccine.
  - **Graphs 2-6** shows the number of persons **aged 0-17, 18-29, 30-49, 50-64 & 65+ years** in TRPHD, and orders each county by decreasing percentage of persons who received one dose and those fully vaccinated.
- **Graph 7** describes the number of persons who were fully vaccinated daily in each of the 7 counties (Buffalo, Dawson, Franklin, Gosper, Harlan, Kearney and Phelps) in TRPHD. Also plotted is the cumulative persons vaccinated across all 7 counties.

### Key Takeaways

1. *As of Jun 14, 2021, 36.1% of TRPHD's total population has been fully vaccinated. The number of people accessing their first dose of COVID vaccination last week was 50% less than a month previously.*
2. *The proportion of persons partially vaccinated in Dawson county continues to remain higher than the fully vaccinated, even after accounting for the time taken to catch up. This indicates that at least some of the residents have decided not to avail of the second dose of vaccine. TRPHD strongly urges all residents to avail of the full vaccination schedule (1 or 2 doses as indicated).*
3. *Uptake of new vaccinations continue to be slow in the 30-64 age group. The number of Buffalo county residents fully vaccinated daily has dropped dramatically in the previous month.*
4. *Two Rivers Health Department has scheduled mobile vaccination clinics at multiple sites across the seven counties to distribute vaccines and to focus on areas of potential shortfall. Those eligible for the vaccine are advised to refer to the vaccination clinic schedule at [www.trphd.org](http://www.trphd.org) and book their appointments.*

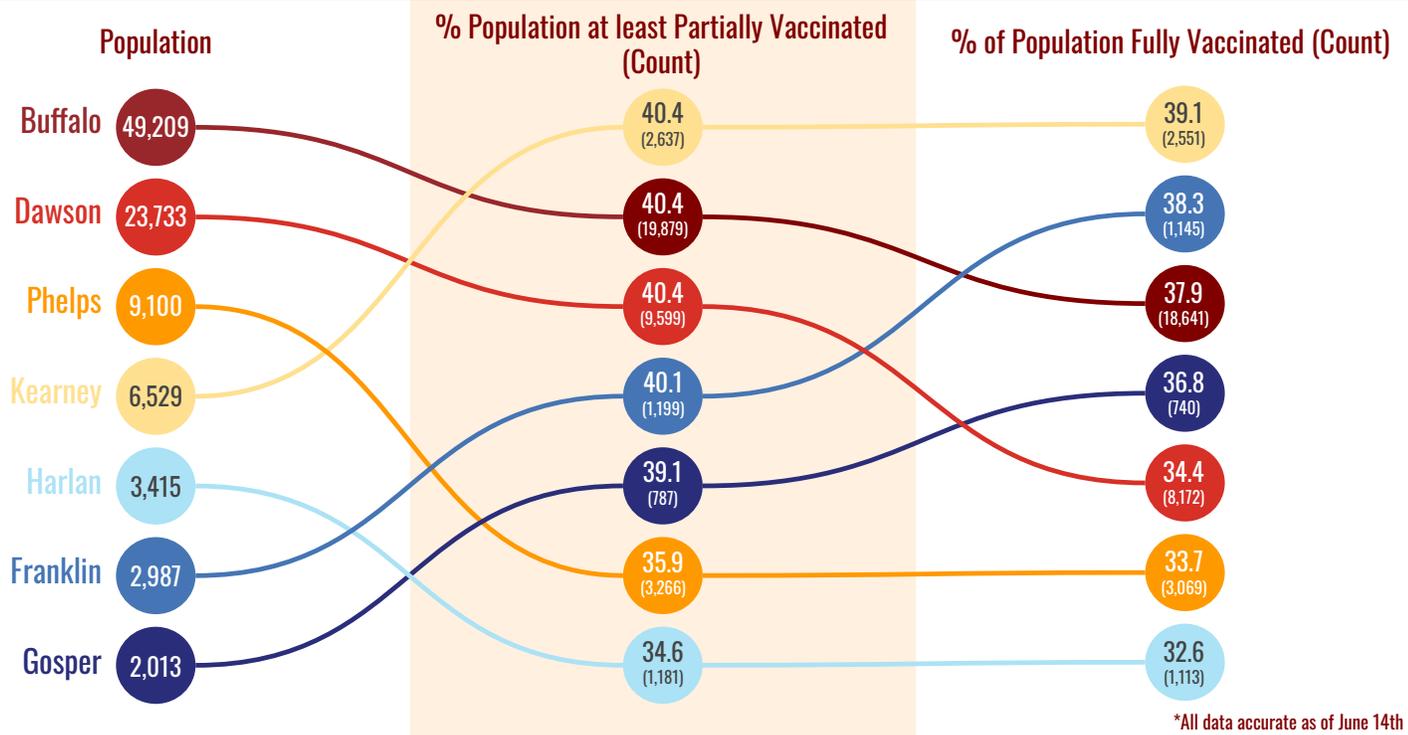
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<sup>1</sup> For details on eligible persons by county, see appendix 1



- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data described from Dec 15, 2020 – Jun 14, 2021. All residents of the seven counties years are included.
- **Overall, 36.1% of the total population in Two Rivers Health District is now fully vaccinated.**

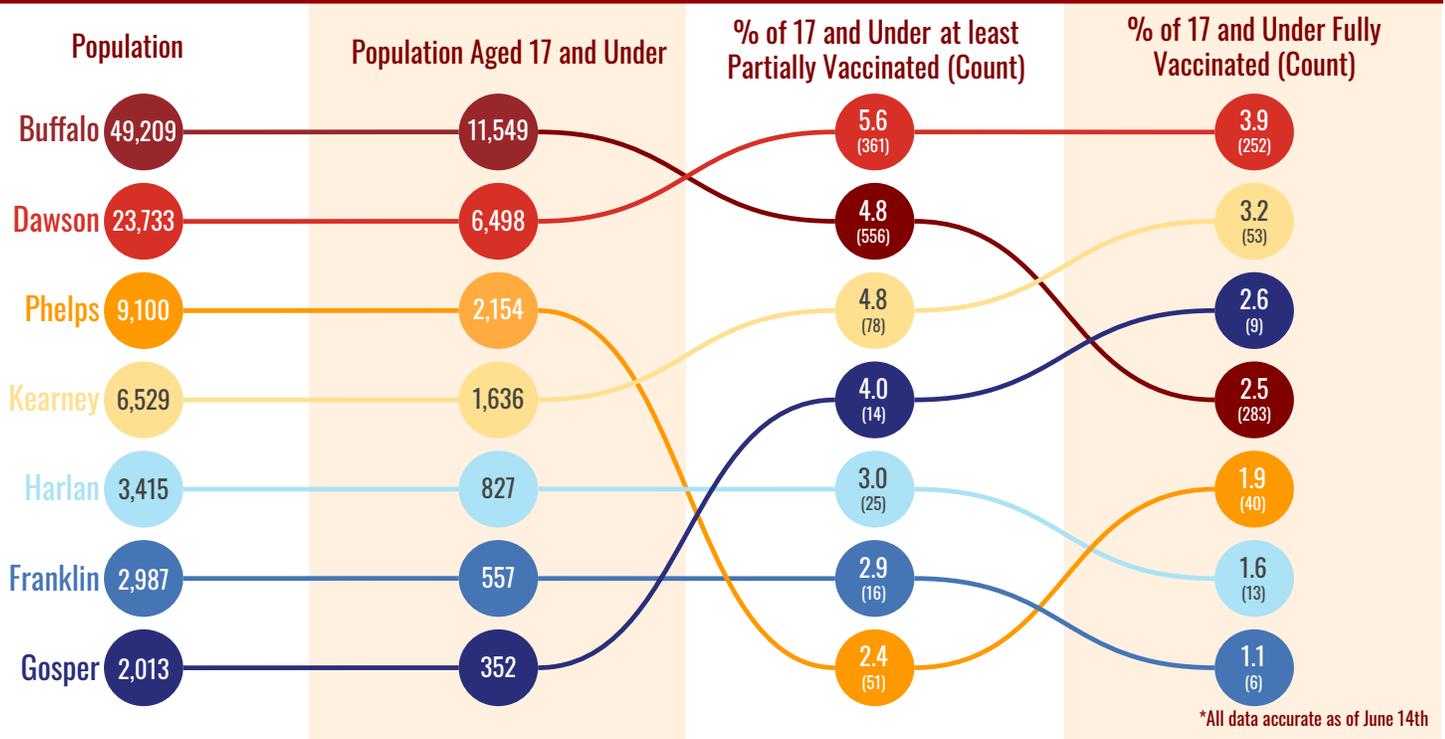
## Vaccinations of Total Population in TRPHD





- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data is described from Dec 15, 2020 - Jun 14, 2021. All residents of the seven counties aged 0-17 years are included.
- **Overall, 2.9% of those aged 0-17 years in Two Rivers Health District are now fully vaccinated.**

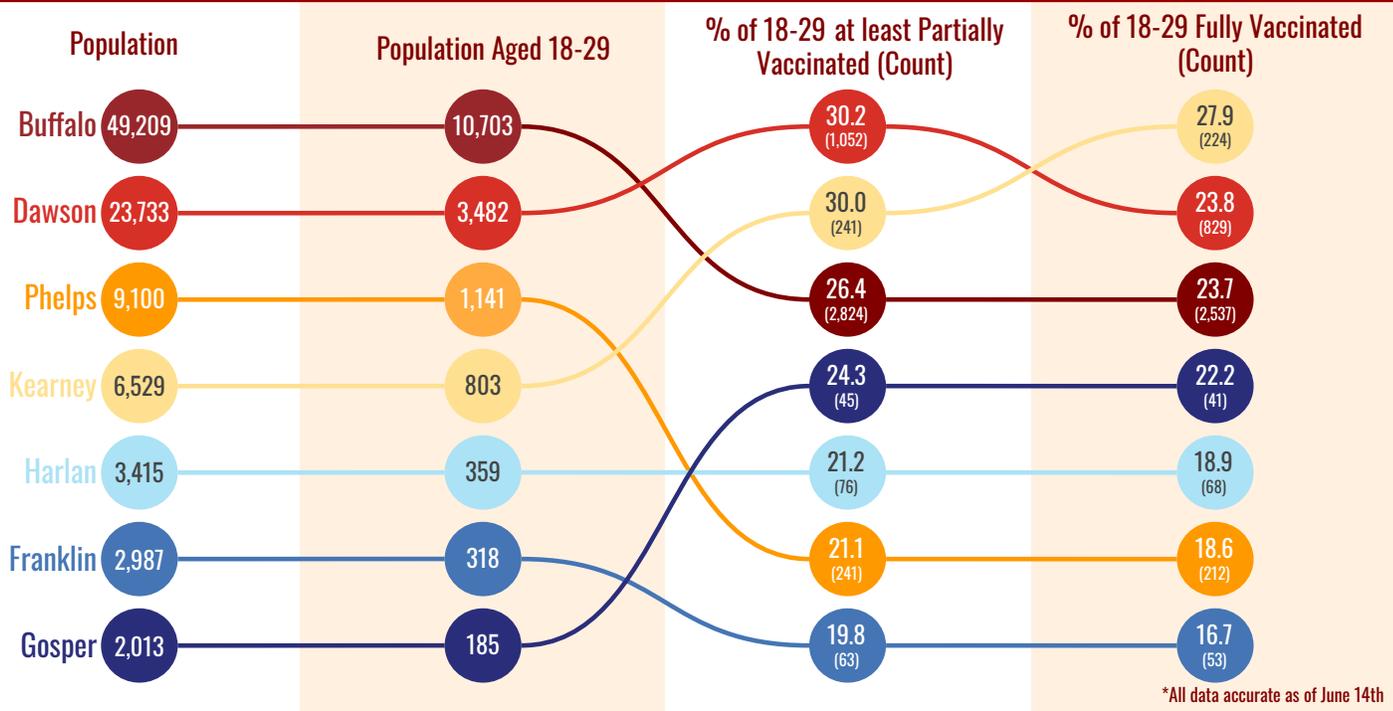
## Vaccinations of 17 and Under in TRPHD





- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data is described from Dec 15, 2020 - Jun 14, 2021. All residents of the seven counties aged 18-29 years are included.
- **Overall, 23.3% of those aged 18-29 years in Two Rivers Health District are now fully vaccinated.**

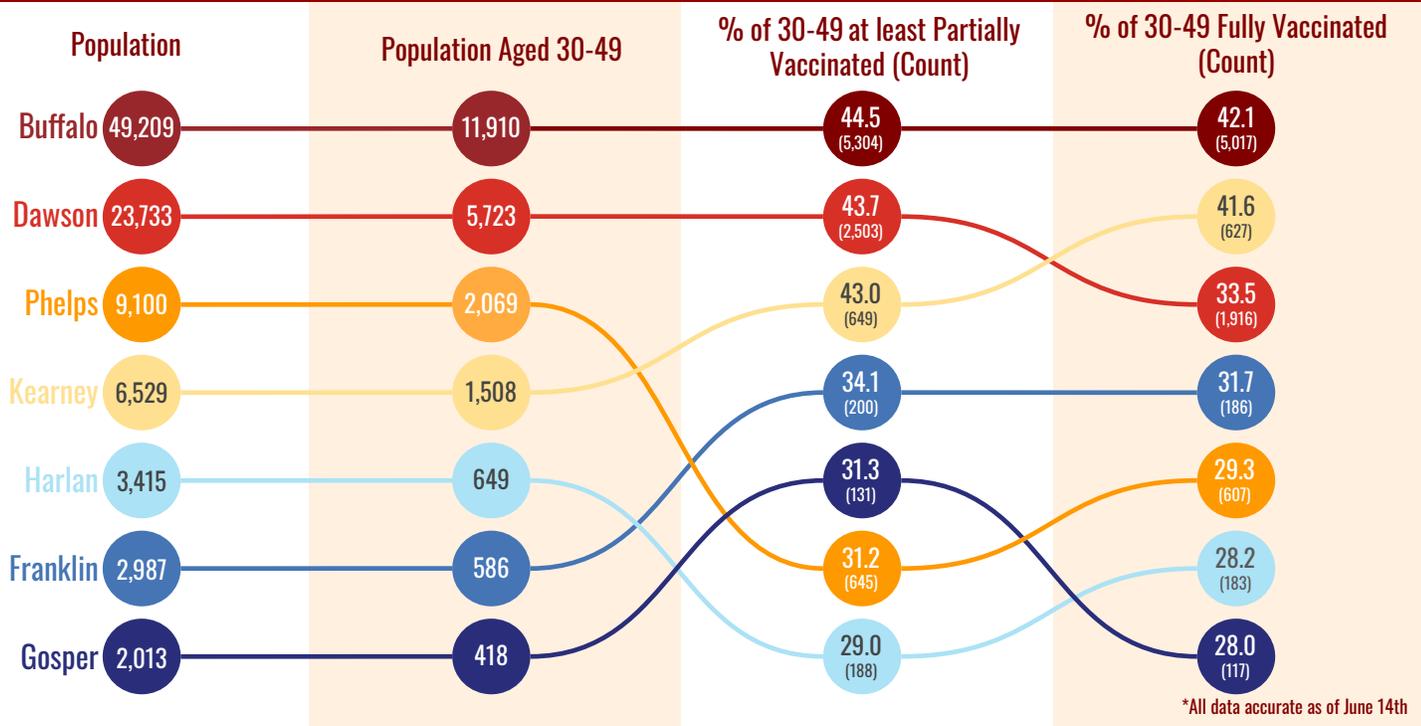
## Vaccinations of 18-29 in TRPHD





- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data is described from Dec 15, 2020 - Jun 14, 2021. All residents of the seven counties aged 30-49 years are included.
- Overall, 37.6% of those aged 30-49 years in Two Rivers Health District are now fully vaccinated.

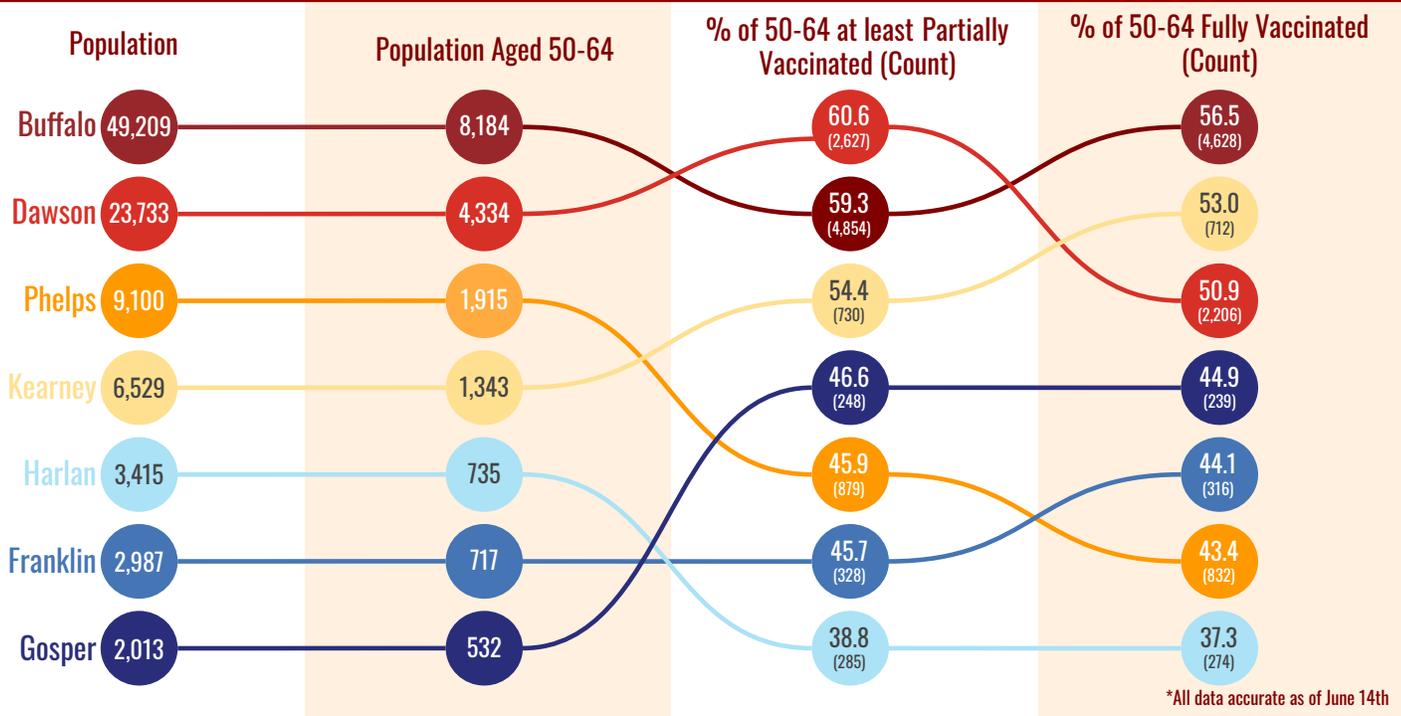
## Vaccinations of 30-49 in TRPHD





- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data is described from Dec 15, 2020 - Jun 14, 2021. All residents of the seven counties aged 50-64 years are included.
- **Overall, 51.4% of those aged 50-64 years in Two Rivers Health District are now fully vaccinated.**

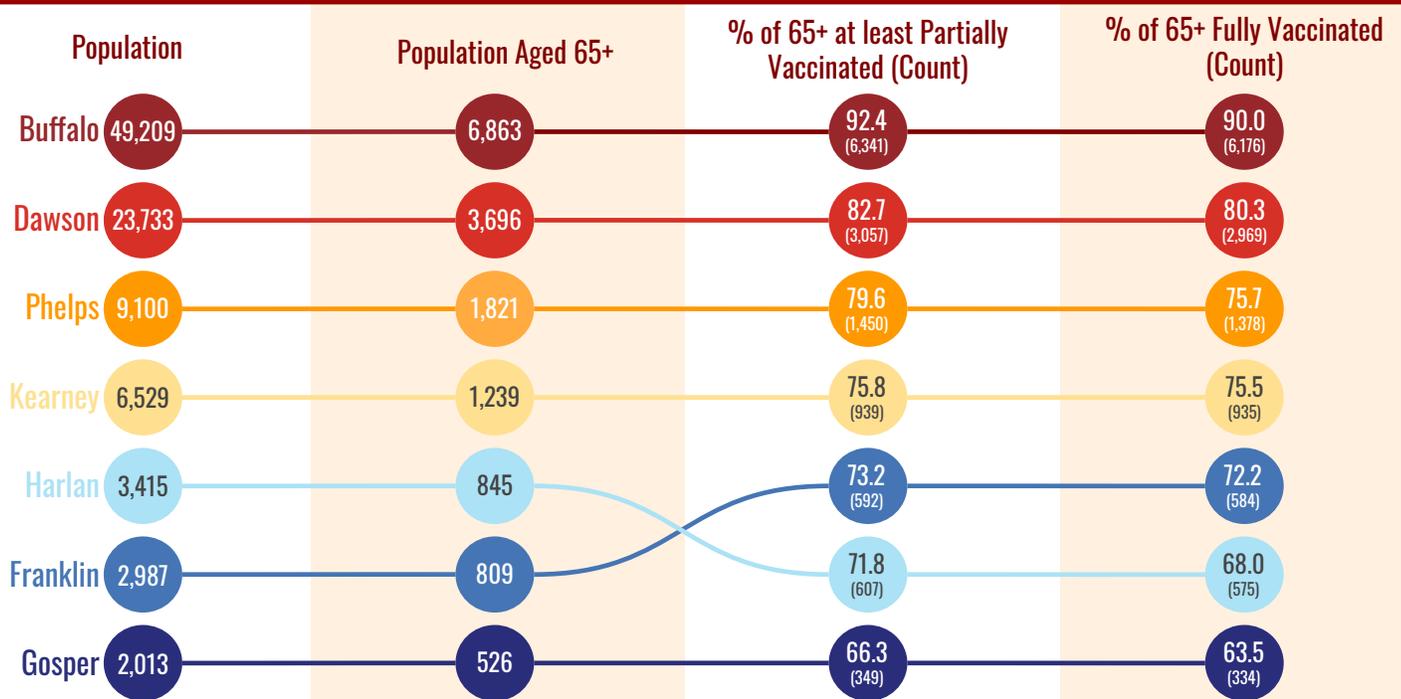
## Vaccinations of 50-64 in TRPHD





- Vaccine formulations by Pfizer and Moderna (2 doses) and Johnson & Johnson (single dose) are calculated accordingly
- Each county is depicted by a colored circle, and the relative position of each corresponds to the proportion vaccinated. Actual numbers (count) are included in parenthesis.
- Data is described from Dec 15, 2020 - Jun 14, 2021. All residents of the seven counties aged 65 years and over are included.
- **Overall, 81.2% of those aged 65+ years in Two Rivers Health District are now fully vaccinated.**

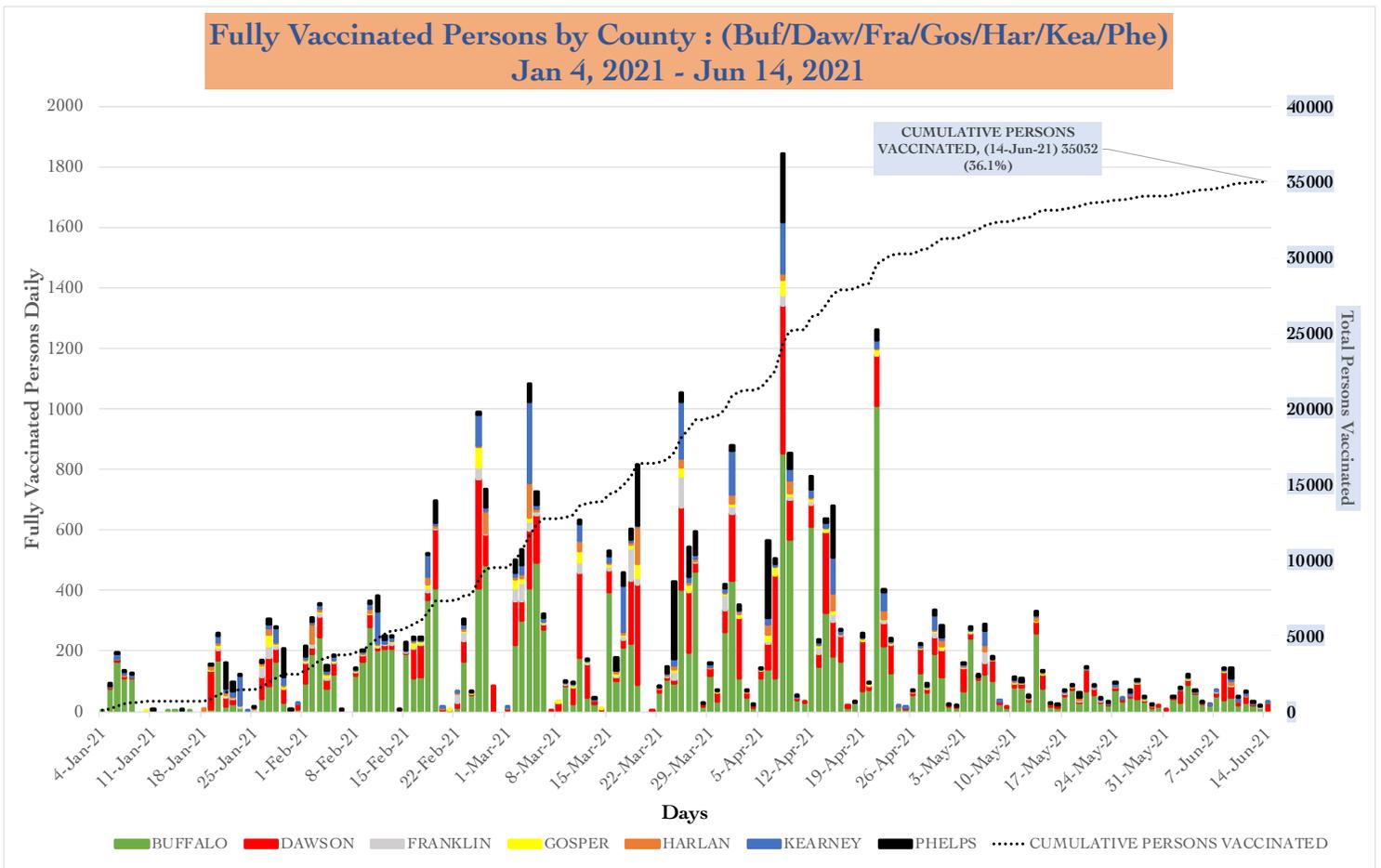
## Vaccinations of 65+ in TRPHD



\*All data accurate as of June 14th



- The graph describes **all fully vaccinated residents** of Two Rivers Health District by county from January 4, 2021 – June 14, 2021 Also described are the **total (cumulative) persons vaccinated** in TRPHD.
- The first person recorded as ‘fully vaccinated’ was on January 4, 2021. Over the next 23 weeks, over 35,000 people joined her to be fully vaccinated.
- The percentages shown are the daily proportion of all persons who are fully vaccinated on that day in that age group. The different colors correspond to the county of residence (see legend)
- The running line depicts the cumulative number of residents who are fully vaccinated in the district.





## APPENDIX 1

### Background

The Two Rivers Public Health Department (TRPHD) covers 7 counties in central Nebraska, reaching 97,132 people who live and work in the health district spread across roughly 4663 square miles. Over three quarters of residents live in Buffalo and Dawson county, a tenth live in Phelps county, and the remaining 15% is spread somewhat comparably among the four counties of Kearney, Harlan, Franklin and Gosper in decreasing order of population. The largest cities are Holdrege (pop. 5408), Lexington (pop. 10115) and Kearney (pop. 33867) meaning that well over half the residents of TRPHD live in three cities, and over a third are in Kearney alone. The population of all 7 counties in TRPHD are shown below.

County	Population
Buffalo	49,659
Dawson	23,595
Franklin	2,979
Gosper	1,990
Harlan	3,380
Kearney	6,495
Phelps	9,034
<b>TRPHD total</b>	<b>97,132</b>
Nebraska state	1,934,408
United States	328,239,523

### Vaccine-eligible population

The total COVID-19 vaccine-eligible population of Two Rivers Health District is currently about 81,216. This includes all residents over the age of 12 years living in the seven counties that make up the district. The table below describes the eligible population in each of the seven counties divided by age category.

	12-29 YRS	30-49 YRS	50-64 YRS	65+ YRS	TOTAL(12+ YRS)
<b>TRPHD</b>	<b>24794</b>	<b>22863</b>	<b>17760</b>	<b>15799</b>	<b>81216</b>
<b>BUFFALO</b>	14,314	11910	8184	6863	41,271
<b>DAWSON</b>	5,750	5723	4334	3696	19,503
<b>FRANKLIN</b>	515	586	717	809	2,627
<b>GOSPER</b>	333	418	532	526	1,809
<b>HARLAN</b>	625	649	735	845	2,854
<b>KEARNEY</b>	1,385	1508	1343	1239	5,475
<b>PHELPS</b>	1,872	2069	1915	1821	7,677