



COVID-19 Vaccination Report – Two Rivers Health District : Dec 15, 2020 – Jun 21, 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)¹. 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 21, 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 proportion of persons who are fully vaccinated in TRPHD described by age groups since December 15, 2020. Data is described as a running variable to give a better sense of the progress over time. We have described the population age categories in 10-year intervals for a more granular analysis of trends.

Key Takeaways

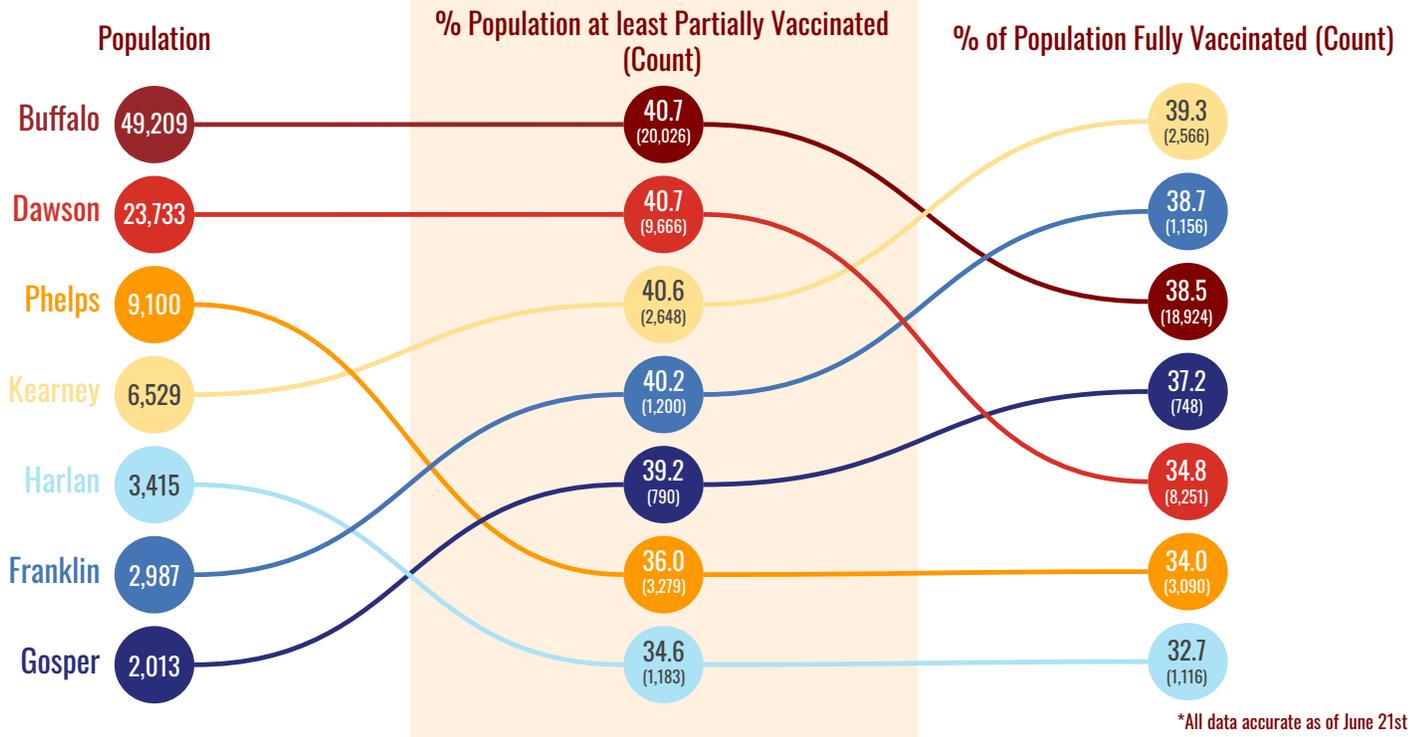
1. *As of Jun 21, 2021, 36.1% of TRPHD's total population has been fully vaccinated. Vaccination rates for the district closely track vaccination rates for 30-49 year olds. 38% of 30-49 year olds in TRPHD are fully vaccinated.*
2. *The proportion of persons vaccinated by age category reveals an increasing trend by rising age categories. Among adults, 18-29 year olds and 30-39 year olds have the lowest proportion of fully vaccinated persons.*
3. *Of almost 1900 persons who have received their first dose of vaccine, but not the second even after 2 weeks following the scheduled date, almost 60% are residents of Dawson county. Vaccine 'truancy' of this kind may result in lowered efficacy and reduced rates of protection. TRPHD strongly urges all residents to avail of the full vaccination schedule (1 or 2 doses as indicated) through the health department or their clinic service .*
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 and book their appointments.*

¹ 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 21, 2021. All residents of the seven counties years are included.
- **Overall, 36.6% of the total population in Two Rivers Health District is now fully vaccinated.**

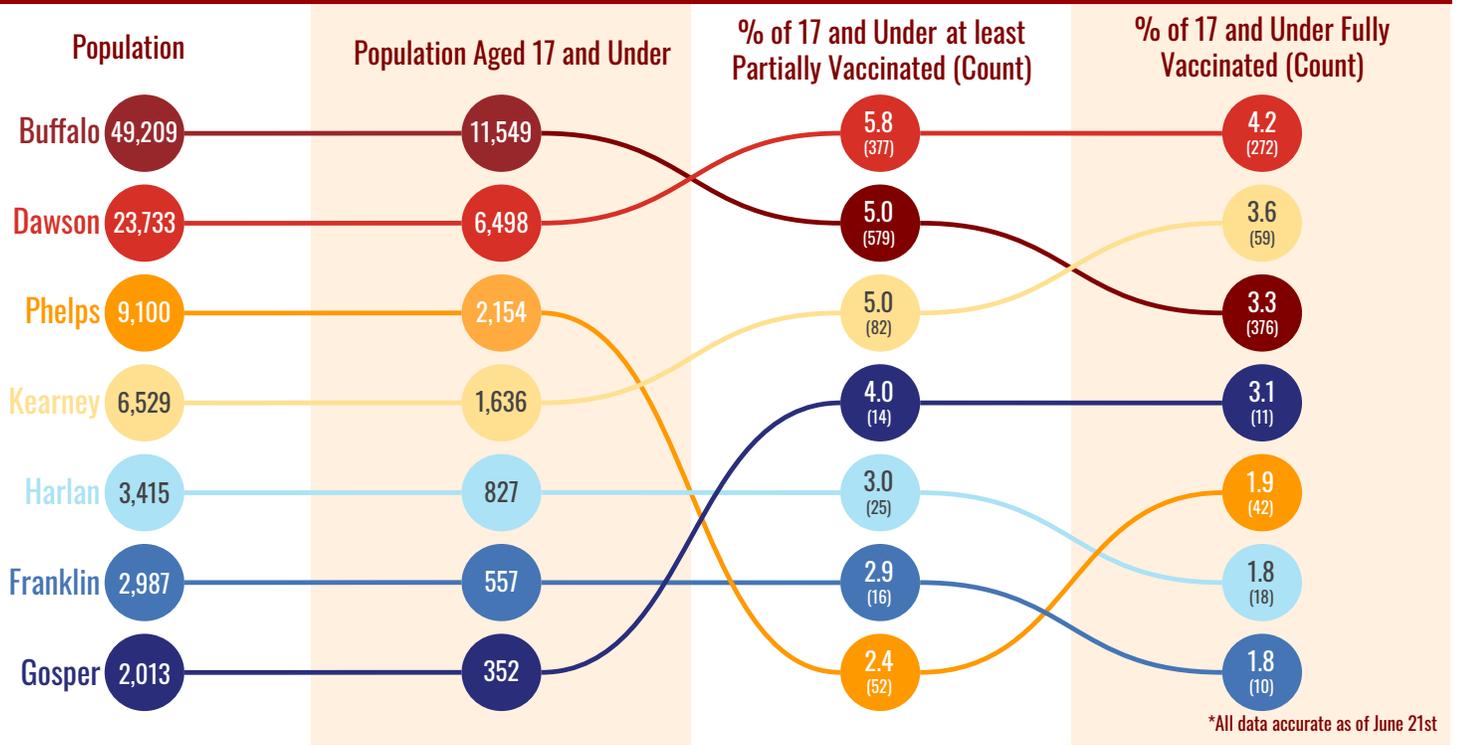
Vaccinations of Total Population in TRPHD





- 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 21, 2021. All residents of the seven counties aged 0-17 years are included.
- **Overall, 3.4% of those aged 0-17 years in Two Rivers Health District are now fully vaccinated.**

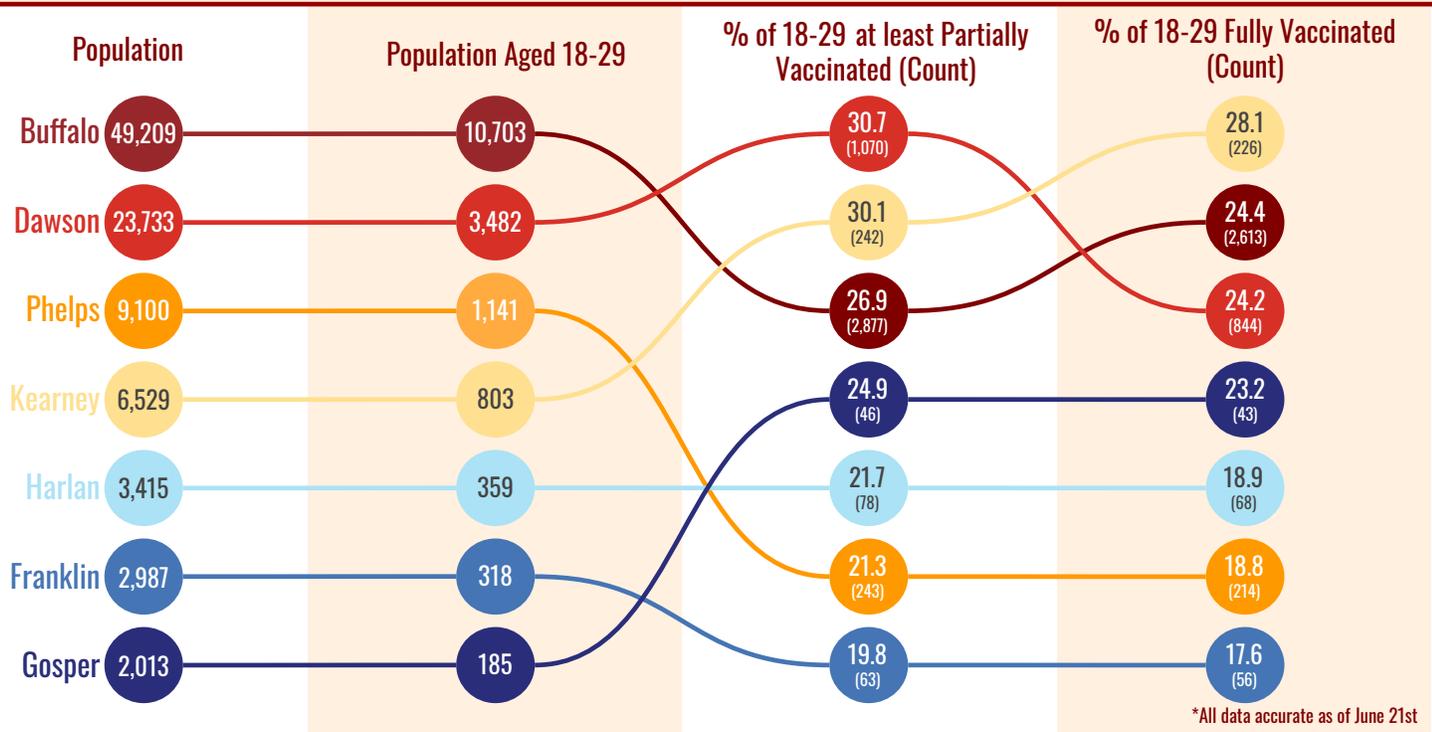
Vaccinations of 17 and Under in TRPHD





- 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 21, 2021. All residents of the seven counties aged 18-29 years are included.
- **Overall, 23.9% of those aged 18-29 years in Two Rivers Health District are now fully vaccinated.**

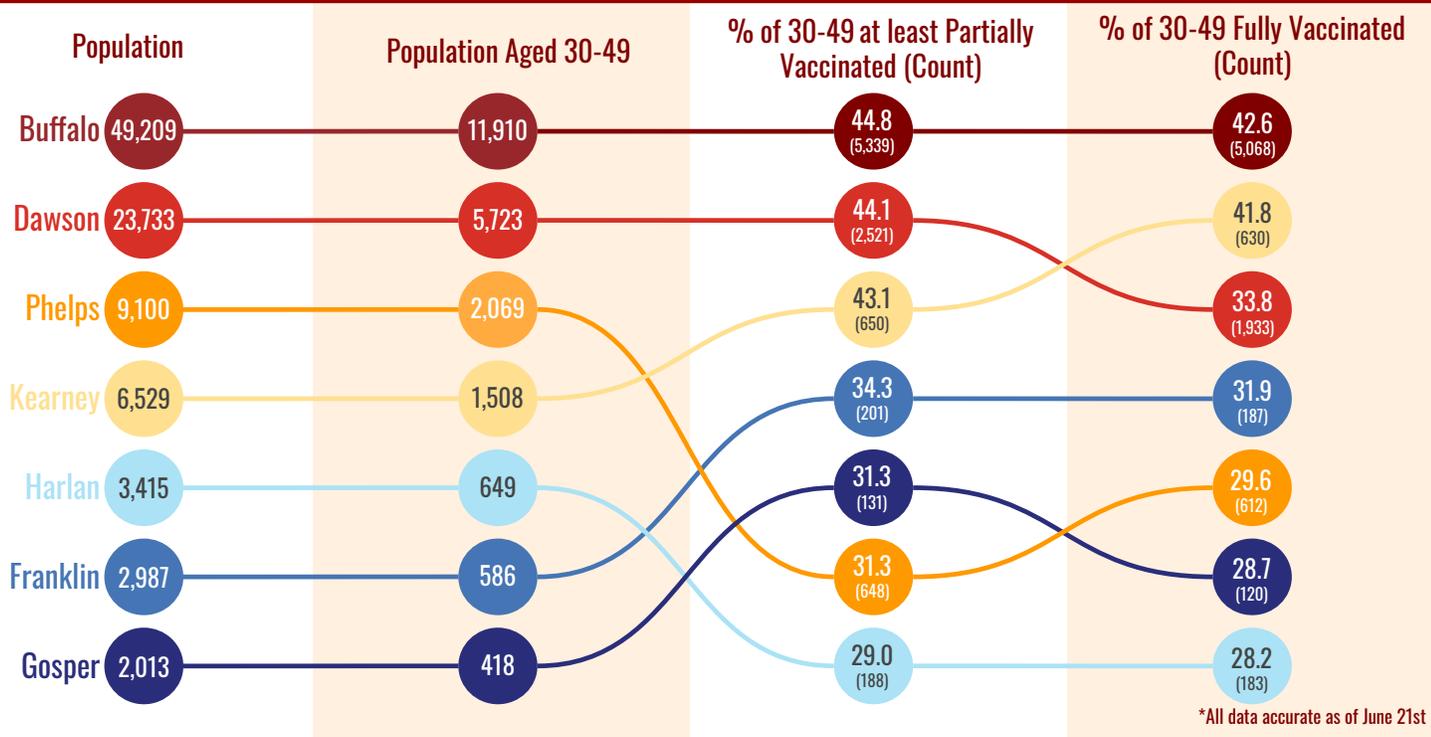
Vaccinations of 18-29 in TRPHD





- 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 21, 2021. All residents of the seven counties aged 30-49 years are included.
- **Overall, 38.0% of those aged 30-49 years in Two Rivers Health District are now fully vaccinated.**

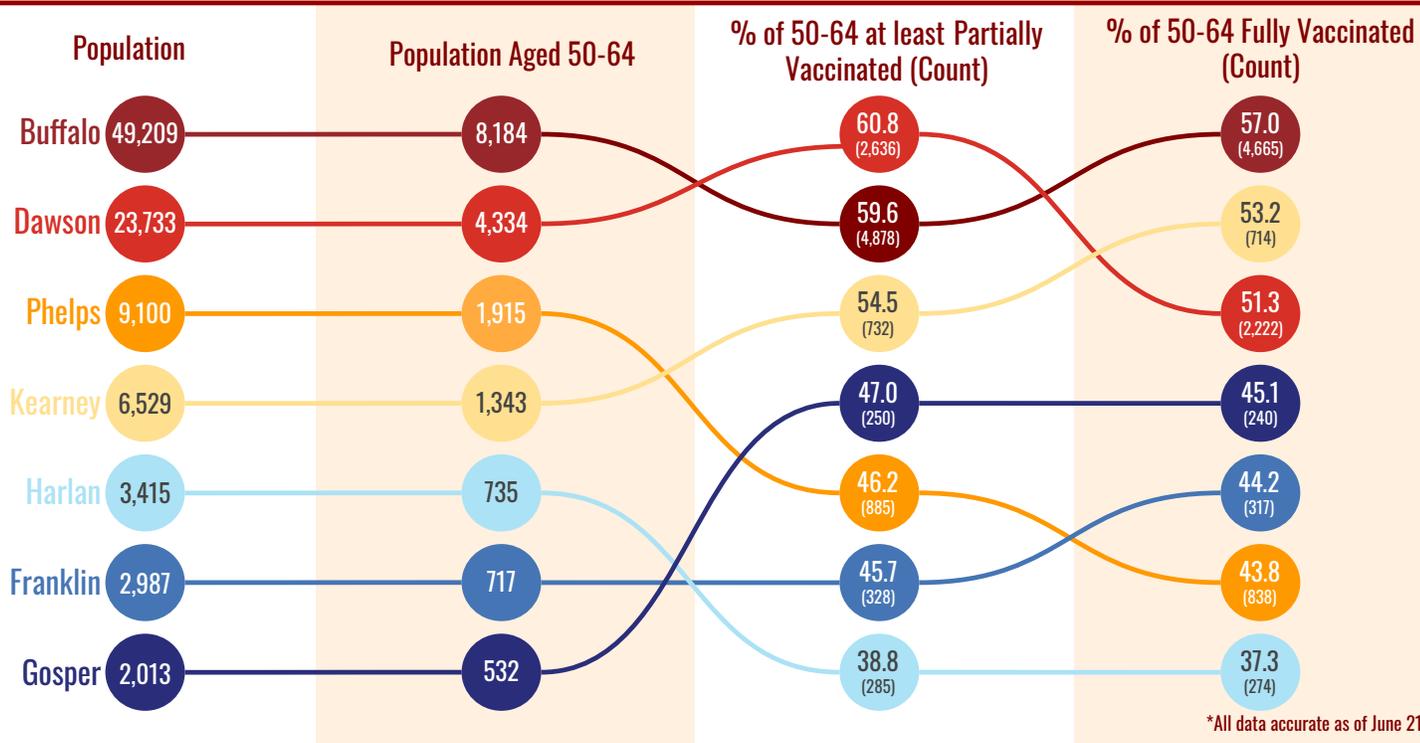
Vaccinations of 30-49 in TRPHD





- 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 21, 2021. All residents of the seven counties aged 50-64 years are included.
- **Overall, 51.8% of those aged 50-64 years in Two Rivers Health District are now fully vaccinated.**

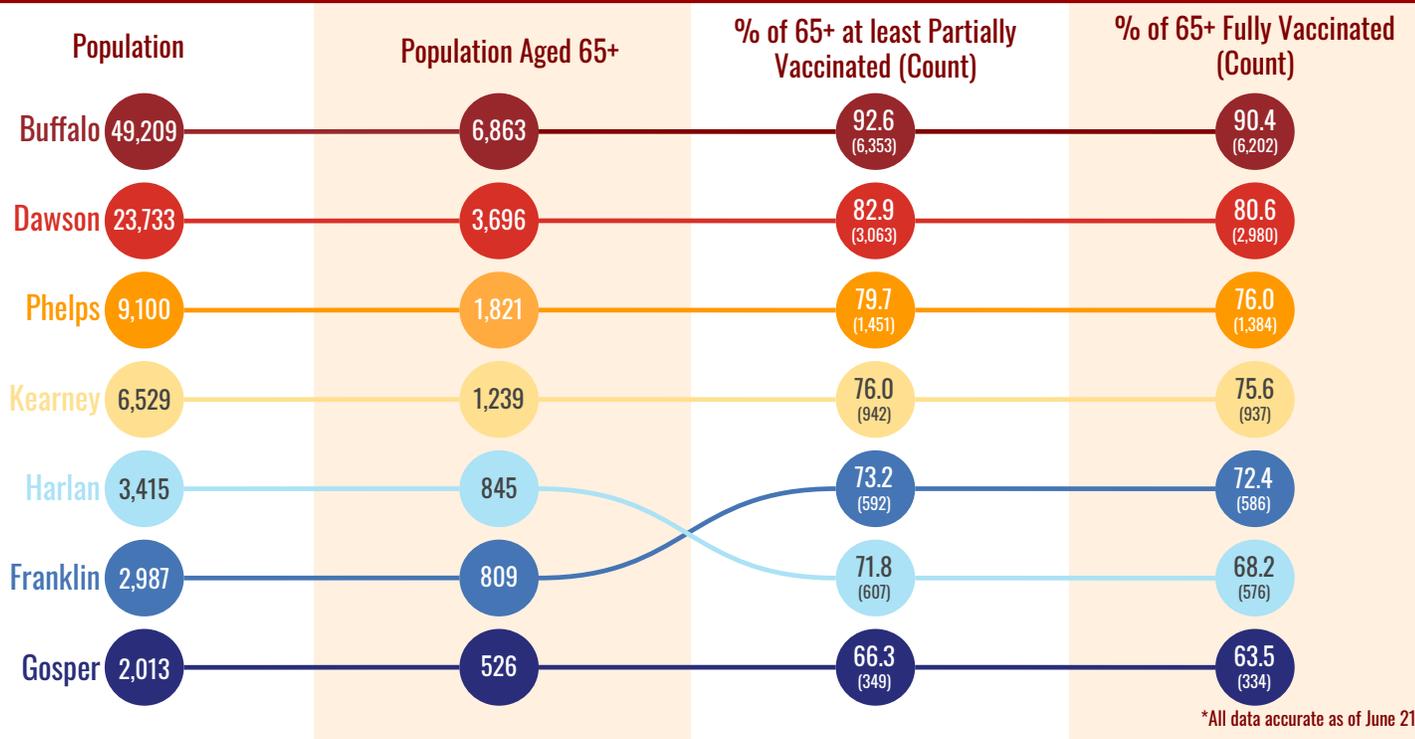
Vaccinations of 50-64 in TRPHD





- 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.**

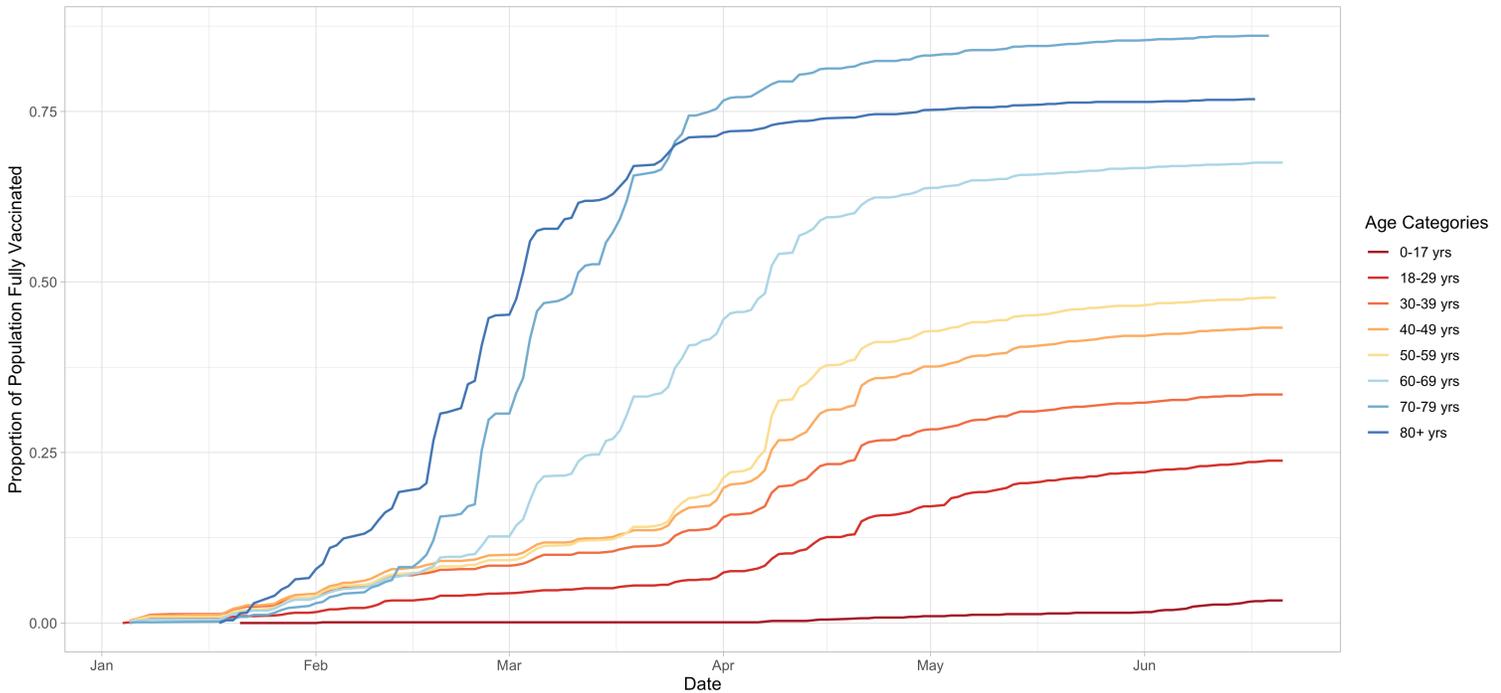
Vaccinations of 65+ in TRPHD





- The graph describes **the proportion of fully vaccinated residents** in Two Rivers Health District by age category from January 4, 2021 – June 21, 2021. Numbers shown describe the **proportion of population in that age group** that is fully vaccinated as of that date.
- The first person recorded as 'fully vaccinated' was on January 4, 2021. Over the next 24 weeks, over 35,500 people joined her to be fully vaccinated.
- The percentages shown are the daily proportion of all persons who are fully vaccinated on that day by age group. Age categories in 10-year intervals are presented for detailed analysis (see legend)

Proportion of Population Fully Vaccinated by Age



Information Updated as of 6/21 at 8 p.m.



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
TRPHD total	97,132
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)
TRPHD	24794	22863	17760	15799	81216
BUFFALO	14,314	11910	8184	6863	41,271
DAWSON	5,750	5723	4334	3696	19,503
FRANKLIN	515	586	717	809	2,627
GOSPER	333	418	532	526	1,809
HARLAN	625	649	735	845	2,854
KEARNEY	1,385	1508	1343	1239	5,475
PHELPS	1,872	2069	1915	1821	7,677