Yellowstone County COVID-19 Information
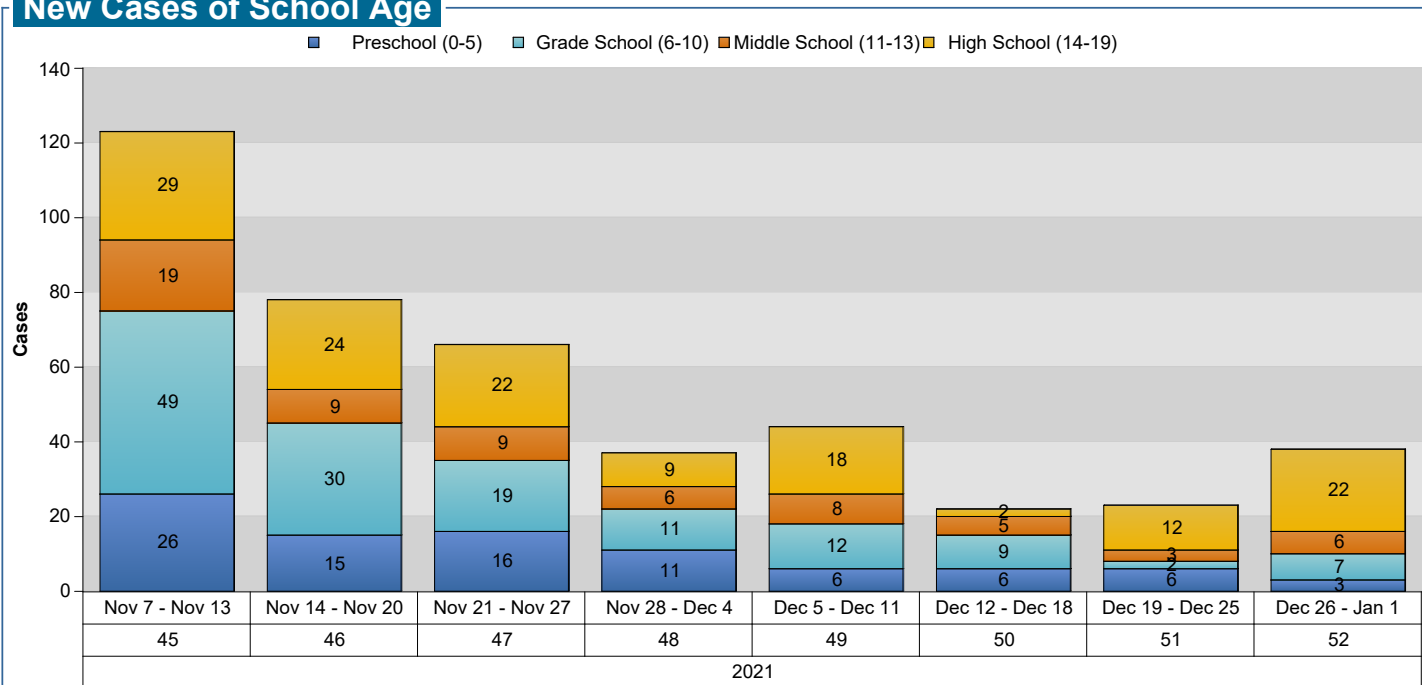## Updated through week ending January 1, 2022

New Cases by Age

Legend: ■ 0-19 ■ 20-39 ■ 40-59 ■ 60-69 ■ 70+ — % that are 0-19

	Nov 7 - Nov 13	Nov 14 - Nov 20	Nov 21 - Nov 27	Nov 28 - Dec 4	Dec 5 - Dec 11	Dec 12 - Dec 18	Dec 19 - Dec 25	Dec 26 - Jan 1
70+	68	44	31	36	23	12	12	28
60-69	83	84	48	30	20	18	11	46
40-59	180	160	91	95	52	48	41	86
20-39	221	172	91	98	68	43	53	146
0-19	123	78	66	37	44	22	23	38
% that are 0-19	18%	14%	20%	12%	21%	15%	16%	11%
Week	45	46	47	48	49	50	51	52
Year				2021				
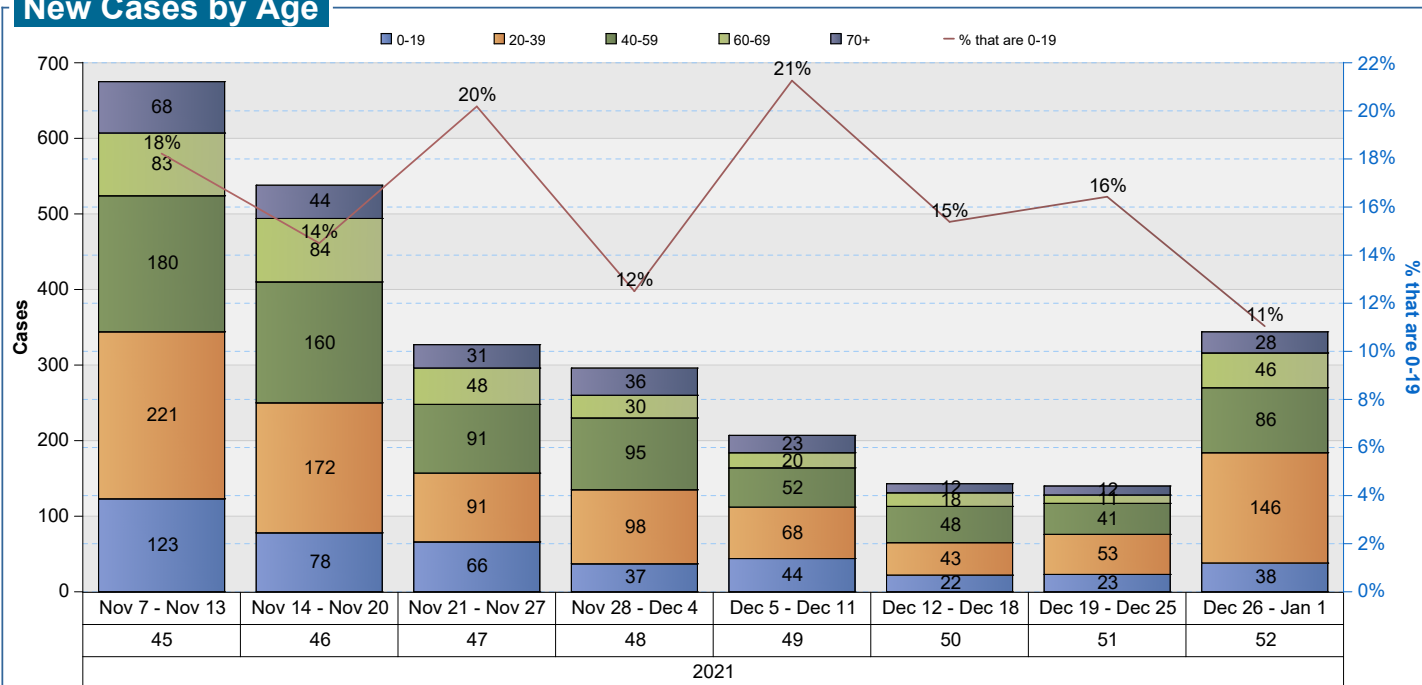
New COVID-19 cases in Yellowstone County are grouped into age ranges denoted by colors on this bar graph. The red line shows the percentage of new cases in newborns to school age children (ages 0-19) as a percentage of the total number of cases.

New Cases of School Age

Legend: ■ Preschool (0-5) ■ Grade School (6-10) ■ Middle School (11-13) ■ High School (14-19)

|	Nov 7 - Nov 13	Nov 14 - Nov 20	Nov 21 - Nov 27	Nov 28 - Dec 4	Dec 5 - Dec 11	Dec 12 - Dec 18	Dec 19 - Dec 25	Dec 26 - Jan 1
High School (14-19)	29	24	22	9	18	2	12	22
Middle School (11-13)	19	9	9	6	8	5	3	6
Grade School (6-10)	49	30	19	11	12	9	2	7
Preschool (0-5)	26	15	16	11	6	6	6	3
Week	45	46	47	48	49	50	51	52
Year				2021				

New cases among Yellowstone County school-age children are grouped into color-coded categories based on ages from preschool (0-5) through high school (14-19).

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New Cases per 100,000
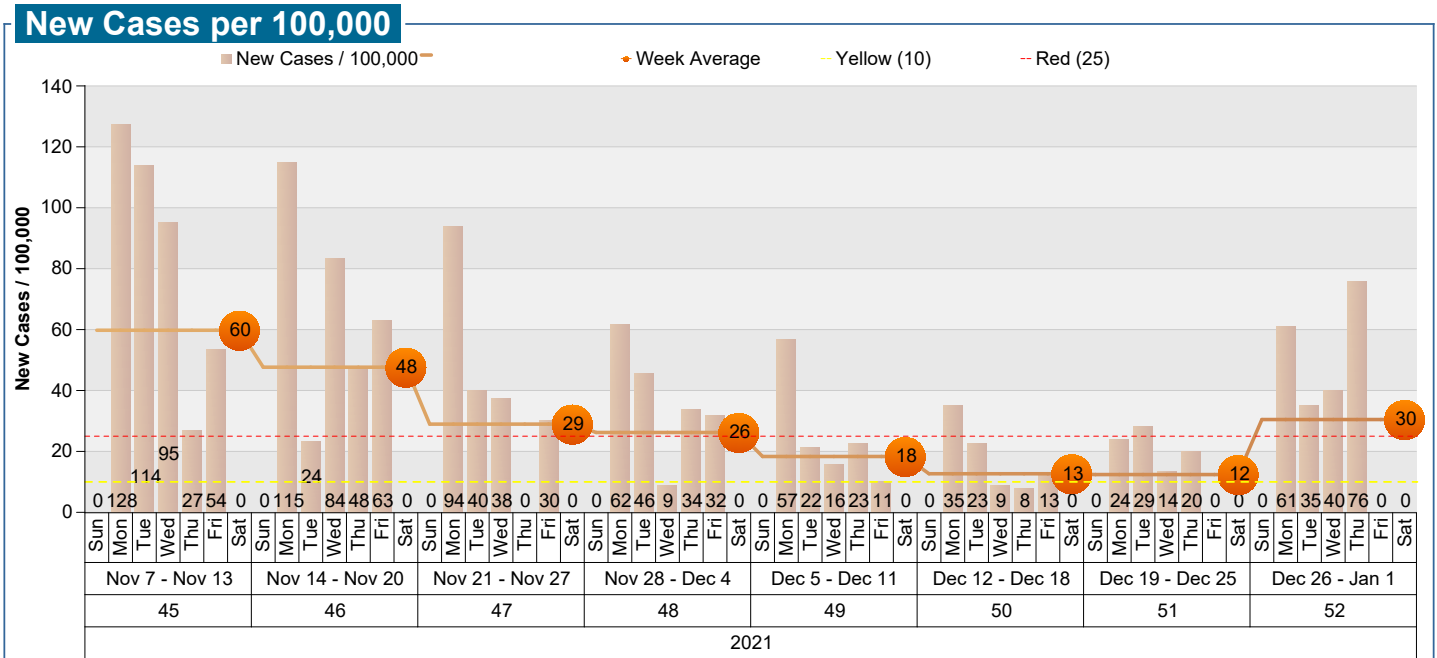
The number of new cases each day, per 100,000, is shown as a bar graph. The brown line represents the weekly average daily case count per 100,000. This figure comes from the number of cases per day, divided by 161,300 (population of Yellowstone County), multiplied by 100,000, averaged over a 7-day period. The yellow dotted line indicates 10 new cases per 100,000. The red dotted line indicates a threshold of 25 new cases per 100,000. The orange dot is the average of new cases per 100,000 for the previous 7-day period.
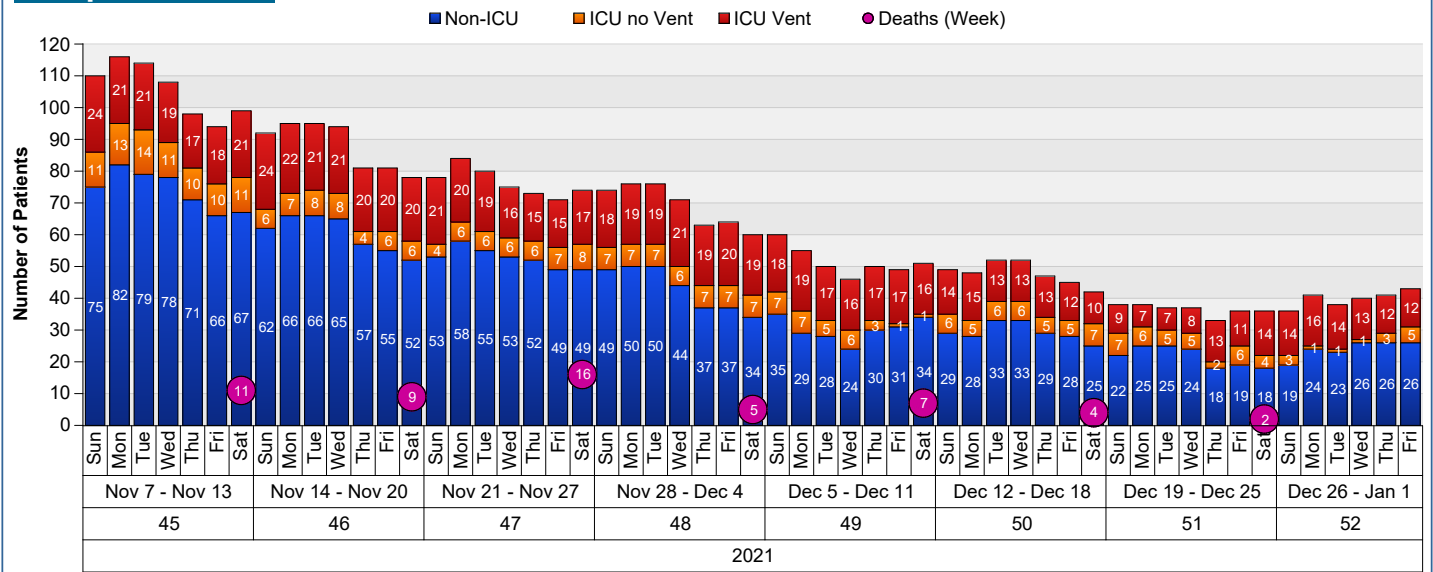
Positivity Rate
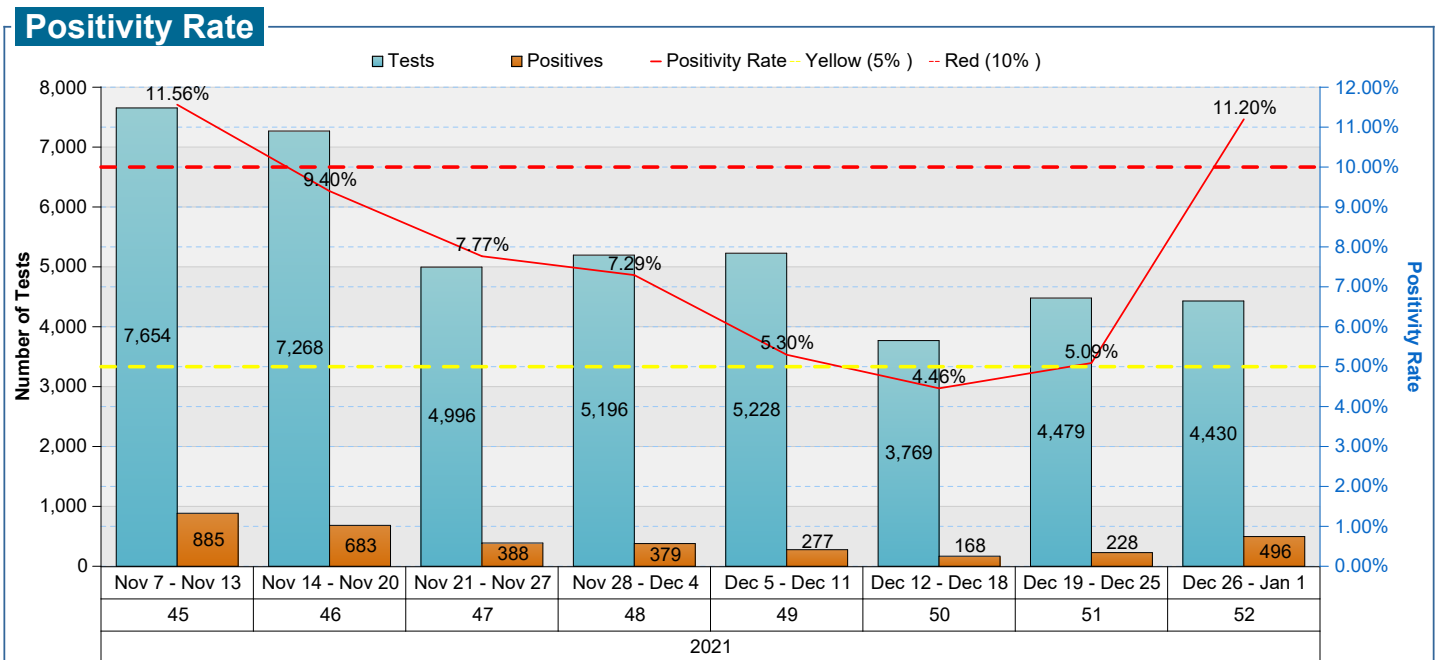
Testing numbers are supplied by the State of Montana. The blue bars represent the total number of positive and negative COVID-19 tests each week in Yellowstone County, while the orange bars represent the number of positive cases in Yellowstone County. The solid red line indicates the weekly positivity rate, which equals the number of weekly positive tests divided by the total number of positive and negative tests conducted that week. The yellow dotted line indicates a positivity rate of 5%. The red dotted line indicates a positivity rate of 10%.
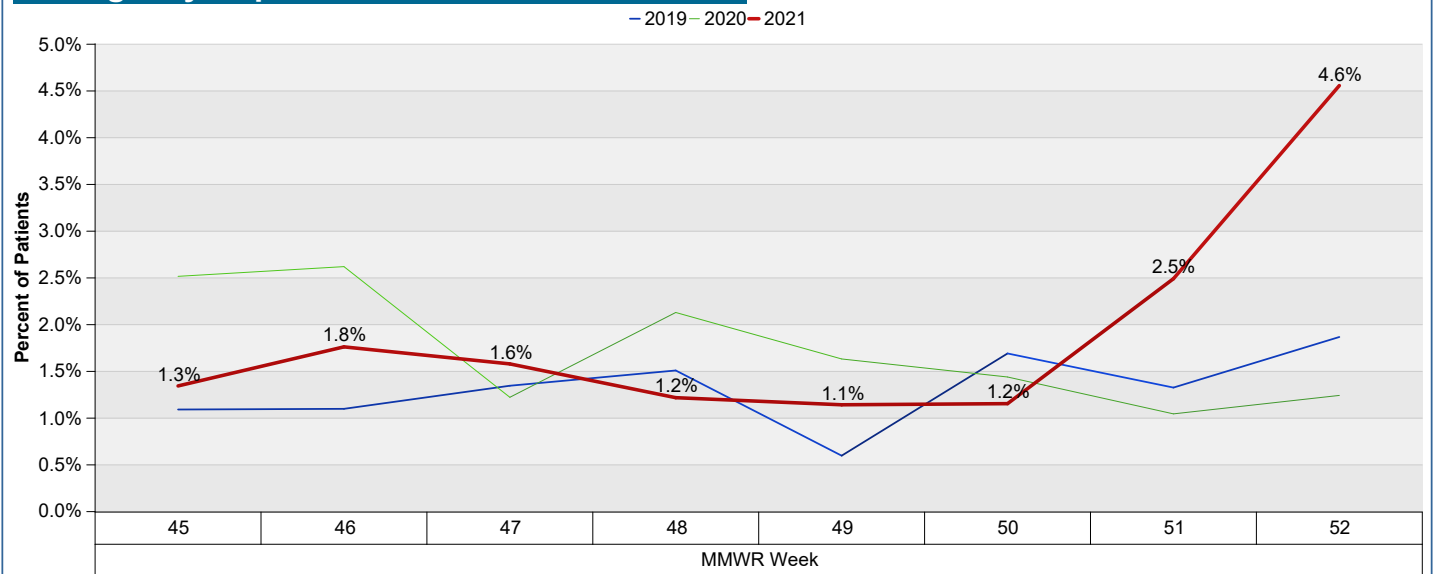
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Hospital Status

Legend: ■ Non-ICU ■ ICU no Vent ■ ICU Vent ● Deaths (Week)

Y-axis: Number of Patients (0–120)

2021 weekly data by day:

Nov 7 – Nov 13 (Week 45): Deaths 11
Nov 14 – Nov 20 (Week 46): Deaths 9
Nov 21 – Nov 27 (Week 47): Deaths 16
Nov 28 – Dec 4 (Week 48): Deaths 5
Dec 5 – Dec 11 (Week 49): Deaths 7
Dec 12 – Dec 18 (Week 50): Deaths 4
Dec 19 – Dec 25 (Week 51): Deaths 2
Dec 26 – Jan 1 (Week 52)

The total of each bar represents the total number of people hospitalized in Yellowstone County for COVID-19. Some of those patients may be from other counties or states. The blue represents the number of patients with COVID-19 who are hospitalized, but who are not in an Intensive Care Unit (ICU). The orange represents the number of patients in ICU with COVID-19, but not on a ventilator. The red represents the number of patients with COVID-19 who are on a ventilator. The purple circles indicate the number of Yellowstone County residents who have died due to COVID-19 each week, whether or not they were hospitalized at the time of death. Due to timing of notification, deaths may not be reflected immediately and are recorded as notification occurs.

Emergency Department Disease Surveillance

Legend: — 2019 — 2020 — 2021

Y-axis: Percent of Patients (0.0%–5.0%)
X-axis: MMWR Week (45–52)

2021 values: 1.3%, 1.8%, 1.6%, 1.2%, 1.1%, 1.2%, 2.5%, 4.6%

This chart shows the percentage of Yellowstone County Emergency Department (ED) visits where the chief complaint or symptom was fever or chills and at least one of these other symptoms: cough, difficulty breathing, shortness of breath. The blue line indicates ED visits each week for these symptoms in 2019. The green line represents ED visits for similar symptoms for the same time period in 2020. The thick red line indicates ED visits each week for these symptoms in 2021. Data supplied by the State of Montana collected from Yellowstone County hospitals.