

Grand Forks Health Officer's Dashboard

April 12, 2021

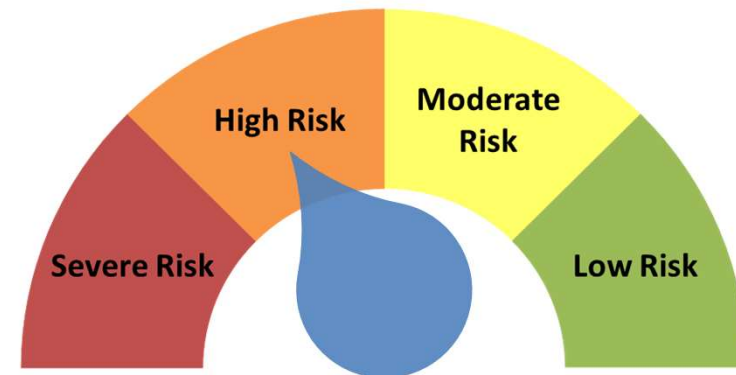


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| Factor | Value | 1 Day Change | Score | Weight | Weighted Score |
|---|-------|--------------|-------|--------|----------------|
| New Cases per 100,000 | 27.8 | ↑ | 3 | 40% | 1.2 |
| Tests Completed Last 7 days per 100,000 | 3,545 | ↑ | 0 | 10% | 0.0 |
| Average Percent Positivity Last 7 Days | 6.8% | ↓ | 2 | 20% | 0.4 |
| Percent Change – New COVID-19 Cases | 20.5% | ↑ | 3 | 10% | 0.3 |
| Hospital Capacity – Staffed Beds | Green | – | 0 | 20% | 0.0 |
| Overall Score | | | | | 1.9 |
| Overall Week-to-Week Score Trend | | | | | ↑ |
| Consecutive Days at Current Color Tier | | | | | 4 |

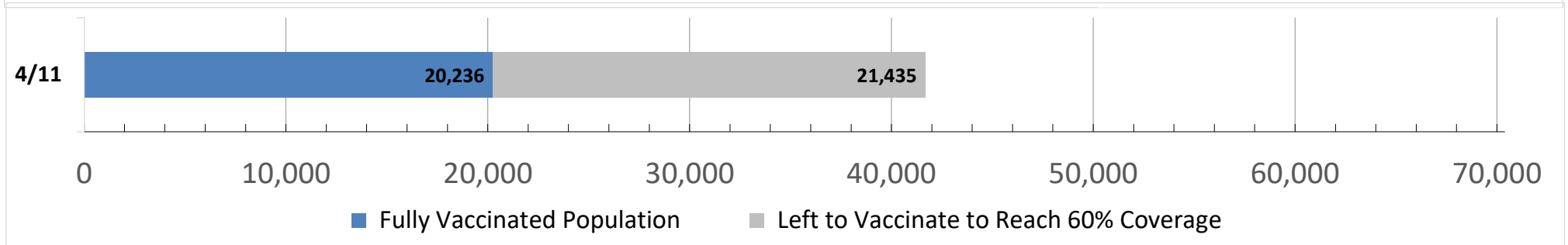
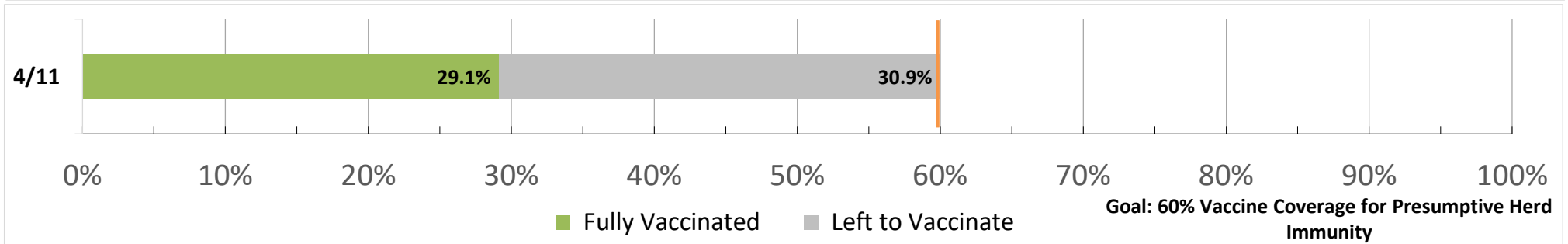
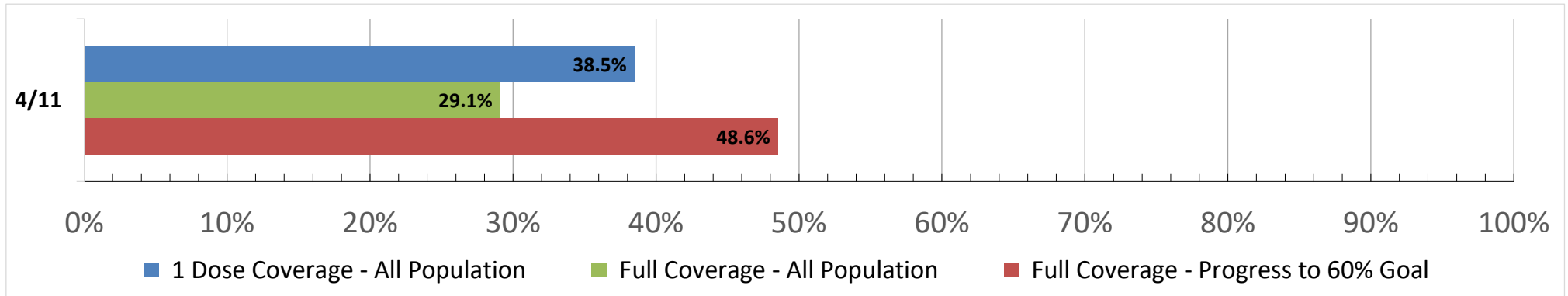
| Color | Value | Case Score | Tests | % Positivity | % Change | Staffed Beds | Overall Score |
|--------|-------|------------|-------------|--------------|----------|--------------|---------------|
| Green | 0 | <1/100k | >2k/100k | <3% | >20% ↓ | Normal | 0 – 0.75 |
| Yellow | 1 | 1-9/100k | 1k-2k/100k | 3-4.99% | 0-20% ↓ | Limited | 0.76 – 1.5 |
| Orange | 2 | 10-24/100k | 500-1k/100k | 5-10% | 0-20% ↑ | Sig. Limited | 1.51 – 2.25 |
| Red | 3 | >25/100k | <500/100k | >10% | >20% ↑ | No beds | 2.26 – 3 |



Quest to 60% Vaccination Rate

Grand Forks County Vaccination Dashboard

Data as of April 11, 2021*



Grand Forks County Population Estimate: 69,451
 Population Eligible to Receive Vaccine (16 years and older): 56,248
 Goal for 60% Population Coverage: 41,671

*May be updated less than daily based on available data, no updates on weekends
 Herd immunity estimation per: Omer, S., Yildirim, I. Forman, H. Herd immunity and implications for SARS-CoV-2 control. JAMA. Published online October 19, 2020. doi:10.1001/jama.2020.20892.








Quest to 60% Vaccination Rate Grand Forks County Vaccine Coverage Data as of April 11, 2021*

 = 500 Population

60%



| | | | | | |
|---|---------------------------------|---------------|---|--|---|
|  | Fully vaccinated population | Legend |  | Non-vaccinated, vaccine eligible population | |
|  | Partially vaccinated population | |  | Population needing vaccination to reach 60% vaccine coverage/herd immunity |  |

Grand Forks County

April 12, 2021



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| Factor | PCR | Antigen | All | |
|---|------|---------|------|---|
| New Cases | 7 | 1 | 8 | ↓ |
| Susceptible Testing Encounters¹ | 166 | 12 | 178 | ↑ |
| Tests (specimens) | 193 | 12 | 205 | ↑ |
| Unique Test Specimens | | | 21 | ↓ |
| Serial Test Specimens | | | 184 | ↑ |
| Percent Positivity (Susceptible Tests) | 4.2% | 8.3% | 3.9% | ↓ |
| All Test Positivity | | | 4.5% | ↓ |
| Active Cases | | | 167 | ↑ |

¹Susceptible tests are tests completed on individuals who have never tested positive. Susceptible tests are only counted once per individual, per day, even if they were tested multiple times.

Grand Forks Health Officer Risk Score

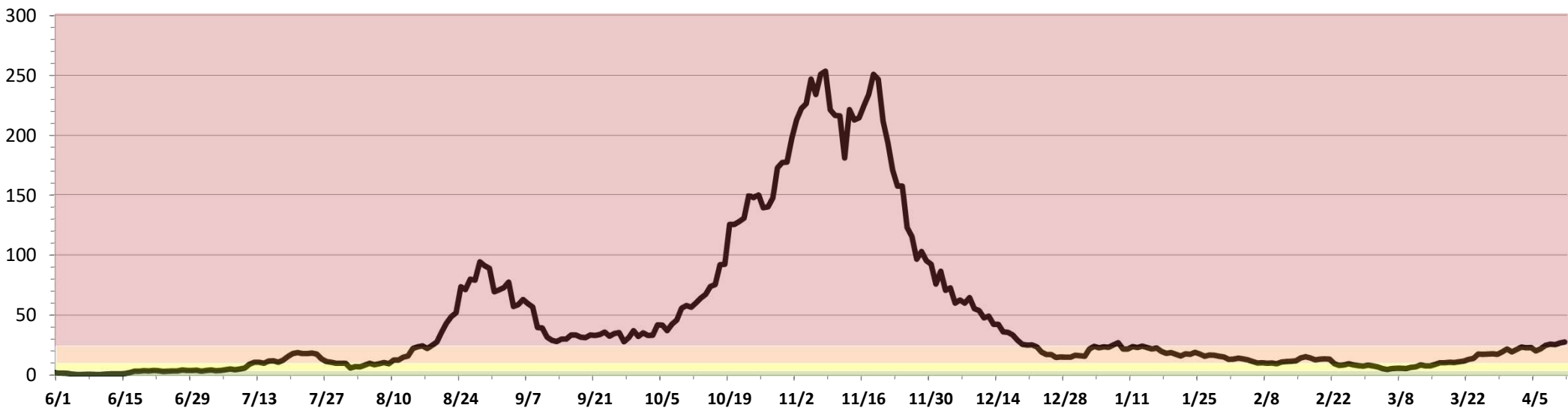
April 12, 2021



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7 Day Average of New COVID-19 Cases per Day per 100,000 Grand Forks County



7 Day Sum of COVID-19 Tests per 100,000 population Grand Forks County



Grand Forks Health Officer Risk Score

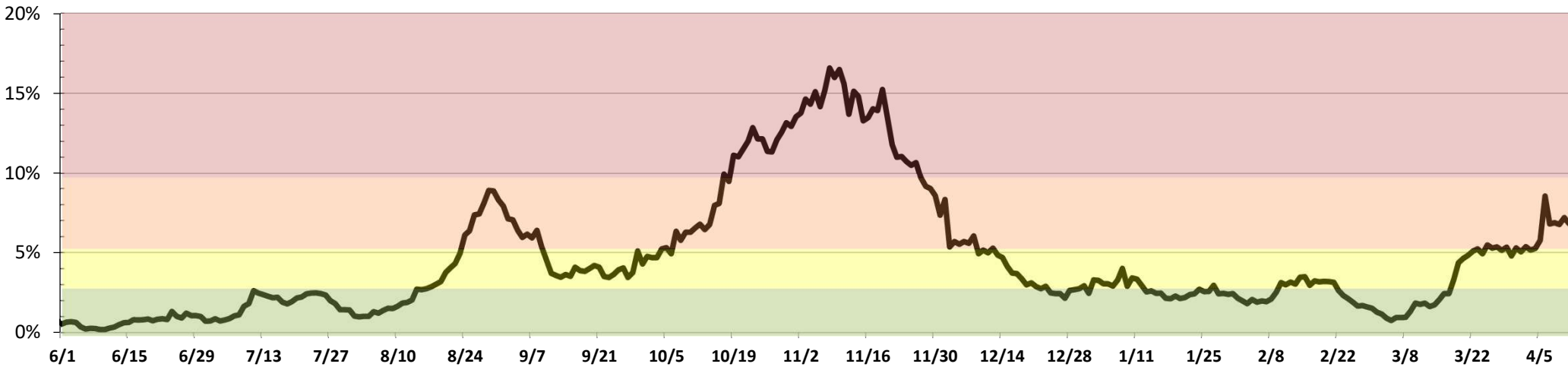
April 12, 2021



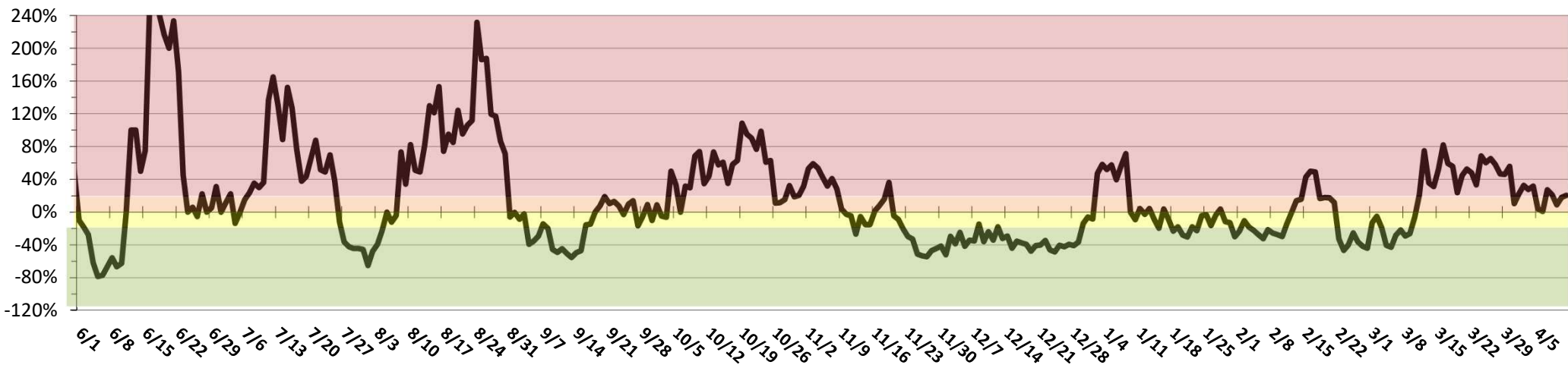
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7 Day Average of Percent of All Tests Administered that are Positive for COVID-19 Grand Forks County



Percent Change Between 7 Day Case Totals (14 Days Total) Grand Forks County



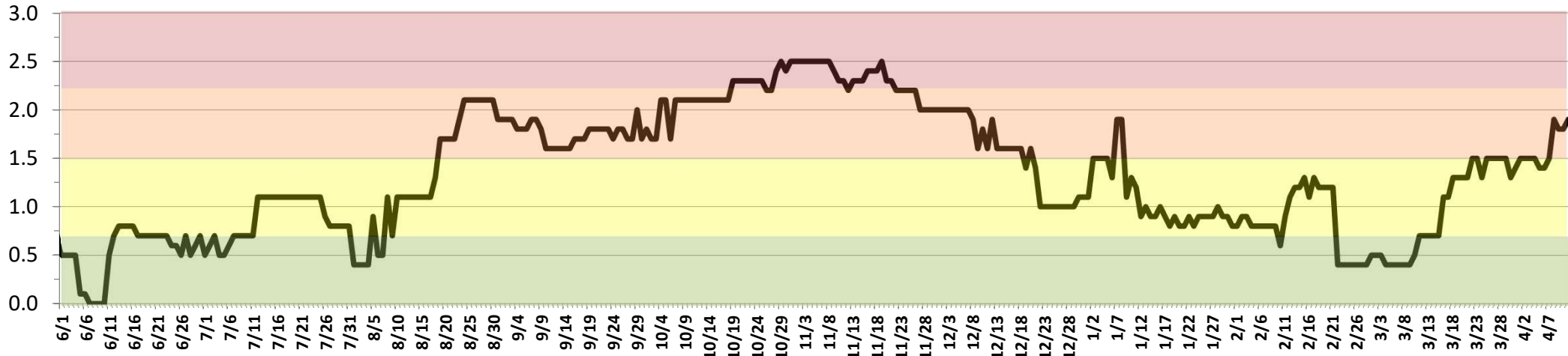
Grand Forks Health Officer Risk Score April 12, 2021



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Grand Forks Health Officer's Dashboard Overall Score Grand Forks County



Percent Change Between 7 Day Score Totals (14 Days Total) Grand Forks County



Yesterday's Dashboard

April 11, 2021

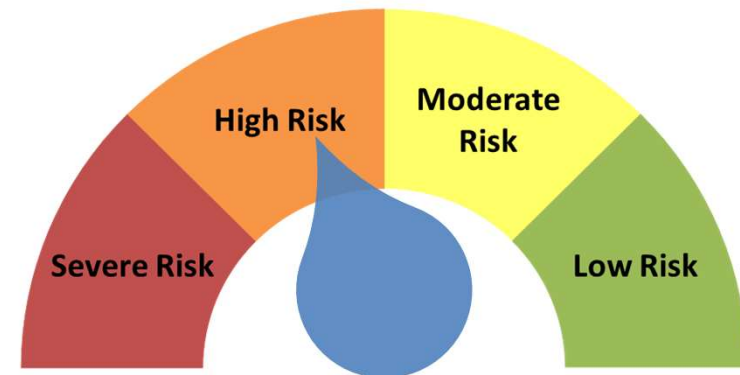


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| Factor | Value | 1 Day Change | Score | Weight | Weighted Score |
|---|-------|--------------|-------|--------|----------------|
| New Cases per 100,000 | 26.9 | ↑ | 3 | 40% | 1.2 |
| Tests Completed Last 7 days per 100,000 | 3,355 | ↑ | 0 | 10% | 0.0 |
| Average Percent Positivity Last 7 Days | 6.9% | ↑ | 2 | 20% | 0.4 |
| Percent Change – New COVID-19 Cases | 18.0% | ↑ | 2 | 10% | 0.2 |
| Hospital Capacity – Staffed Beds | Green | – | 0 | 20% | 0.0 |
| Overall Score | | | | | 1.8 |
| Overall Week-to-Week Score Trend | | | | | ↑ |
| Consecutive Days at Current Color Tier | | | | | 3 |

| Color | Value | Case Score | Tests | % Positivity | % Change | Staffed Beds | Overall Score |
|--------|-------|------------|-------------|--------------|----------|--------------|---------------|
| Green | 0 | <1/100k | >2k/100k | <3% | >20% ↓ | Normal | 0 – 0.75 |
| Yellow | 1 | 1-9/100k | 1k-2k/100k | 3-4.99% | 0-20% ↓ | Limited | 0.76 – 1.5 |
| Orange | 2 | 10-24/100k | 500-1k/100k | 5-10% | 0-20% ↑ | Sig. Limited | 1.51 – 2.25 |
| Red | 3 | >25/100k | <500/100k | >10% | >20% ↑ | No beds | 2.26 – 3 |



ND Department of Health/Governor's Office Dashboard

April 12, 2021



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| Factor | Value | Change | Level |
|---|-------|--------|--------|
| 14 Day Average of Active Cases Per Day (per 10,000 population) | 19.8 | ↑ | Green |
| 14 Day Average Daily Tests per 10,000 population* | 49 | ↑ | Blue |
| 14 Day Average COVID-19 Test Percent Positivity* | 5.1% | ↓ | Yellow |

Methodology per North Dakota Smart Restart Guidance provided by the North Dakota Department of Health (NDDoH) and North Dakota Governor's Office.

*Measure changed on 10/16 to use susceptible encounters instead of total tests to match NDDoH methodology
Measure changed on 1/9 to use antigen testing in calculation of percent positivity

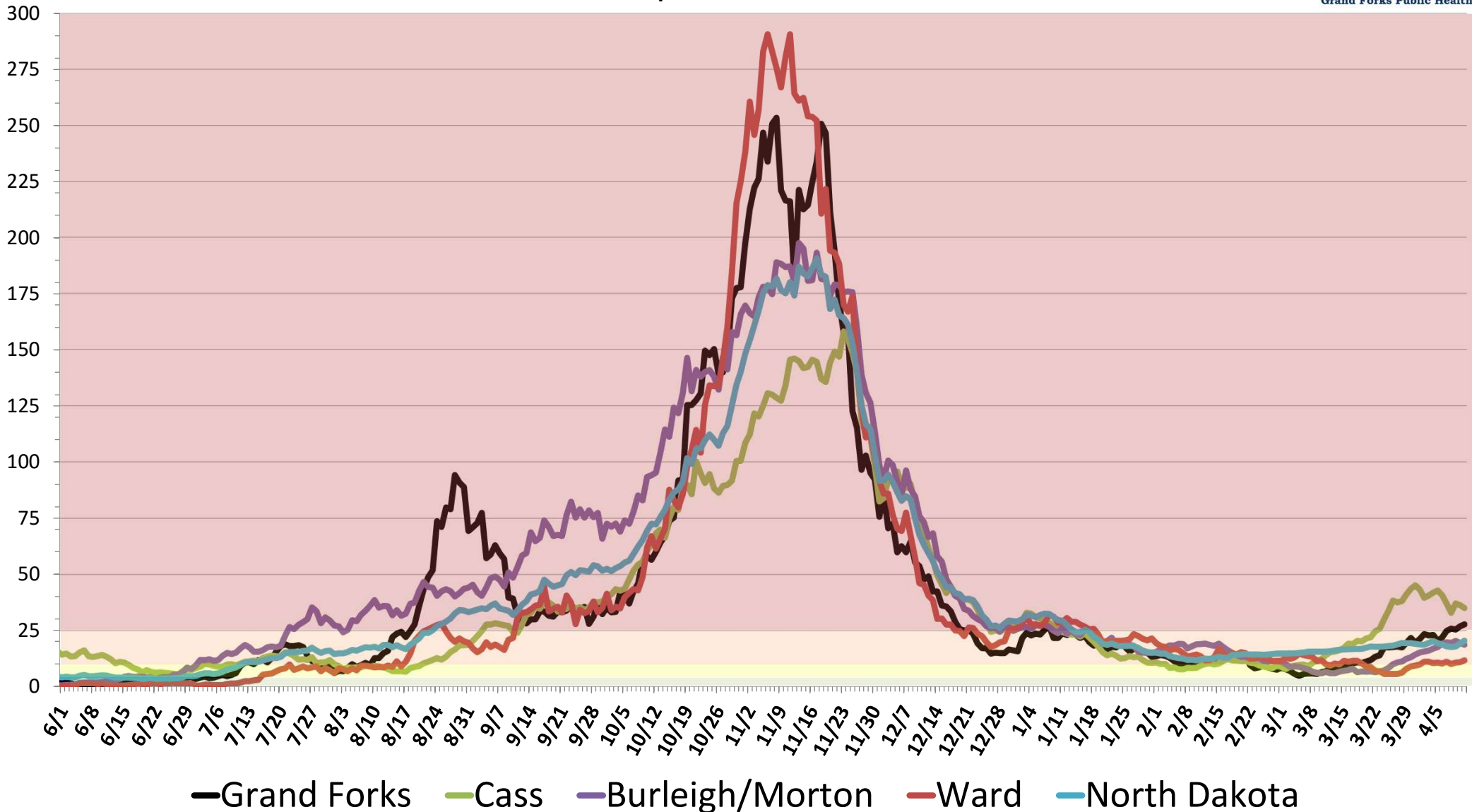
| Color | Case Score | Test | % Positivity |
|--------|--------------|--------------|--------------|
| Blue | <10/10,000 | >46/10,000 | <2% |
| Green | 10-19/10,000 | 41-45/10,000 | 2-4.99% |
| Yellow | 20-29/10,000 | 31-40/10,000 | 5-9.99% |
| Orange | 30-39/10,000 | 21-30/10,000 | 10-14.99% |
| Red | 40+/10,000 | <20/10,000 | >15% |

Grand Forks Health Officer Risk Score New Case Rate Comparison per 100,000 – Other North Dakota Counties April 12, 2021



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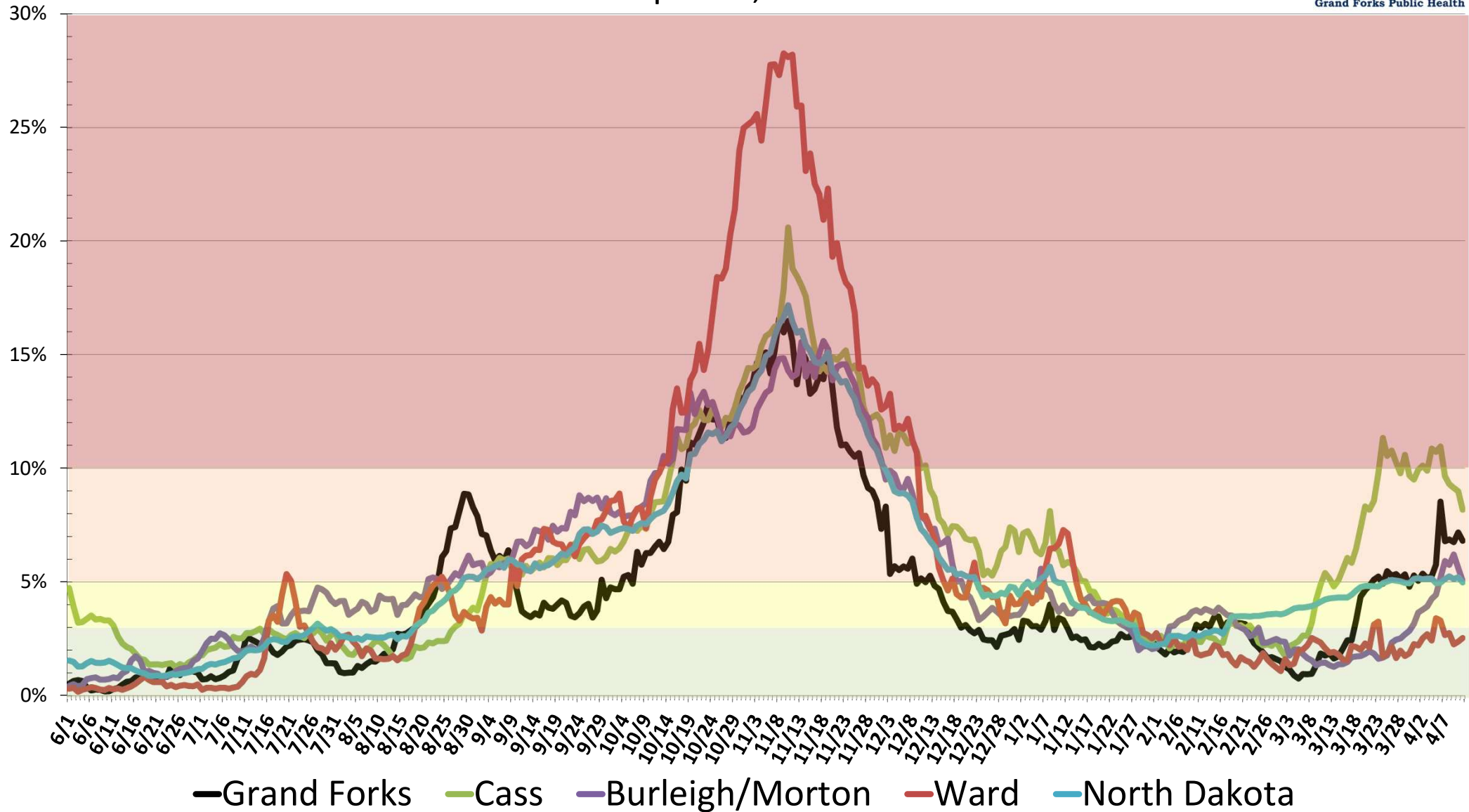


Grand Forks Health Officer Risk Score 7 Day Percent Positivity April 12, 2021



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Cumulative Deaths Grand Forks County



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