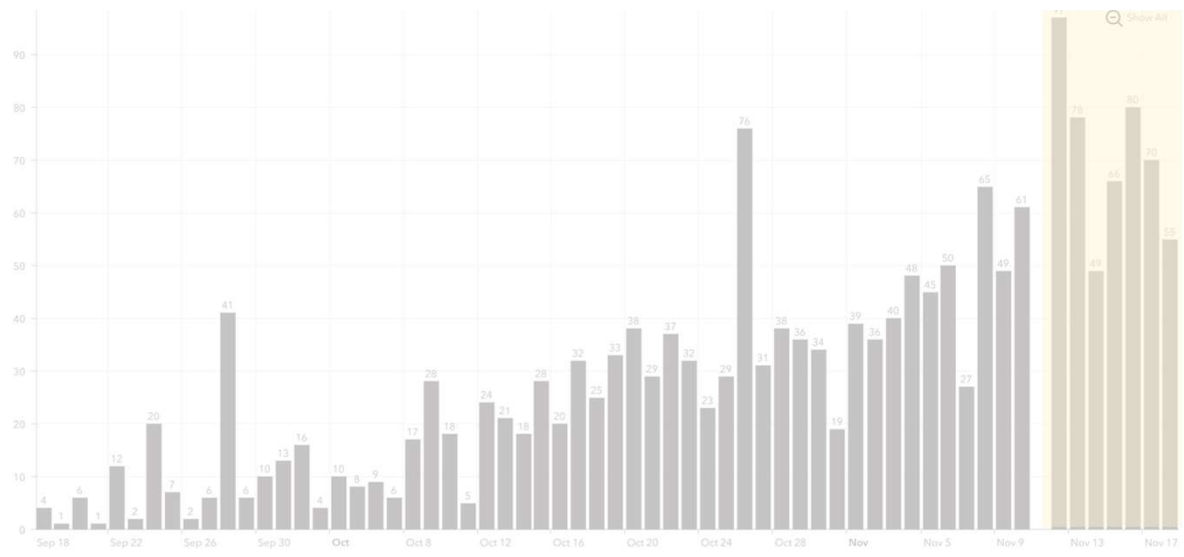




Weekly Report: Monitored Health Indicators
 November 20, 2020: (11/13 to 11/19)



Note: Data run on a Friday to Thursday cycle. Composite data is reported on Friday but reflects totals from the seven previous days. Positive cases reported on a given day reflect testing results compiled from the previous day.

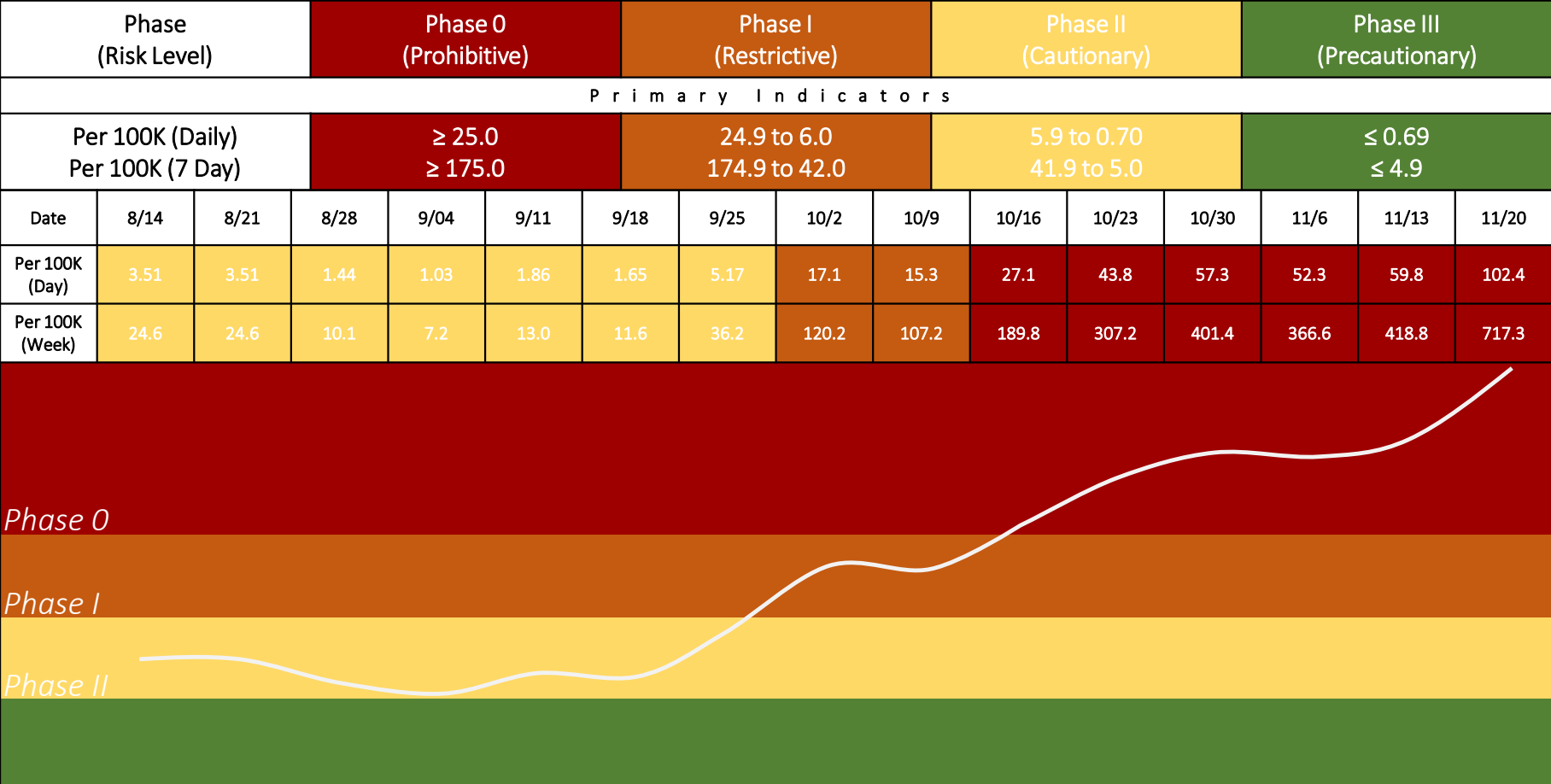
Local Health Indicators: Weekly Data

	8/14	8/21	8/28	9/04	9/11	9/18	9/25	10/2	10/9	10/16	10/23	10/30	11/06	11/13	11/20
Positive county cases per day	2.4 (avg)	2.4 (avg)	1.0 (avg)	0.7 (avg)	1.2 (avg)	1.1 (avg)	3.5 (avg)	11.8 (avg)	10.5 (avg)	18.7 (avg)	30.2 (avg)	39.5 (avg)	36.1 (avg)	41.2 (avg)	70.7 (avg)
Positive county cases per day (per 100,000)	3.51	3.51	1.44	1.03	1.86	1.65	5.17	17.1	15.3	27.1	43.8	57.3	52.3	59.8	102.4
Positive county cases per week	17	17	7	5	9	8	25	83	74	131	212	277	253	289	495
Positive county cases per week (per 100,000)	24.6	24.6	10.1	7.2	13.0	11.6	36.2	120.2	107.2	189.8	307.2	401.4	366.6	418.8	717.3
Positivity rate for week*	1.5%	1.6%	1.2%	0.9%	2.3%	3.6%	4.2%	7.5%	8.3%	19.0%	25.2%	22.9%	23.3%	22.9%	TBD
Two-week trend in positive county cases	↓ (49)	↓ (34)	↓ (24)	↓ (12)	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)	↑ (542)	↑ (784)
Active county cases	55	44	40	14	10	17	41	124	152	276	483	743	960	1244	826
Active county case ratio	1:1254	1:1568	1:1725	1:4928	1:6900	1:4058	1:1682	1:556	1:453	1:250	1:142	1:92	1:71	1:55	1:83
County Infection Rate	0.77	0.77	0.83	0.95	1.15	1.40	1.40	1.20	1.18	1.25	1.26	1.09	1.11	1.18	TBD

- Trending Negatively
- Trending Positively
- No Distinguishable Trend

*Note: Data is derived from weekly data updated provided by [Lewis & Clark Public Health](#)
Data recorded Friday to Thursday, capturing positive cases from the day prior.*

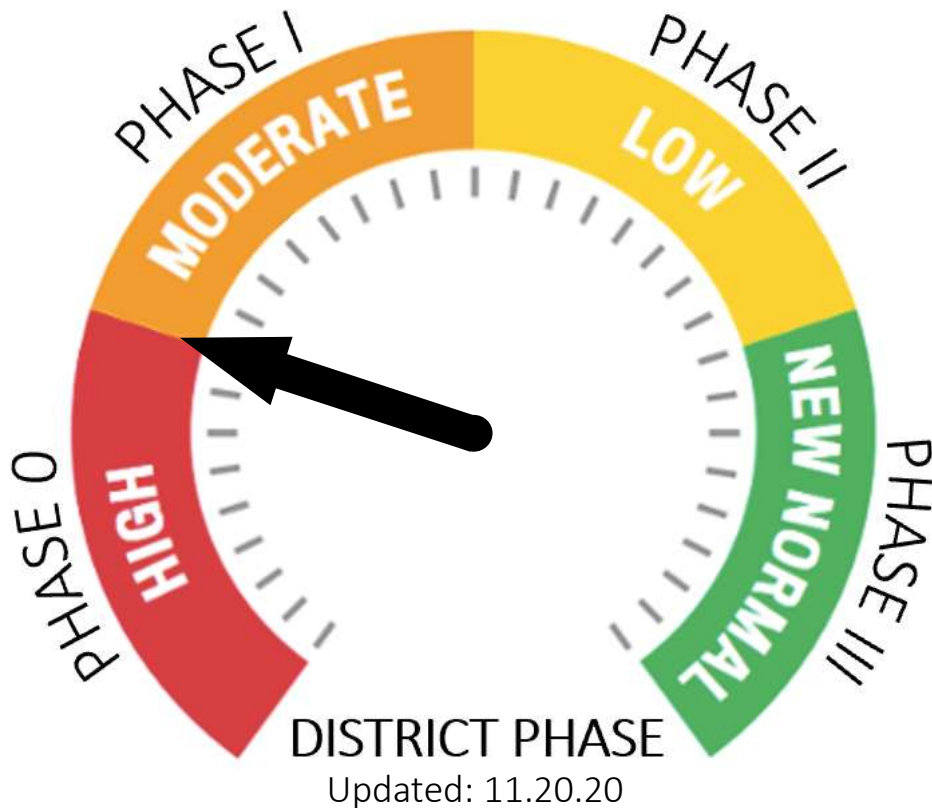
Primary Indicators



Secondary Indicators

Phase (Risk Level)	Phase 0 (Prohibitive)	Phase I (Restrictive)	Phase II (Cautionary)	Phase III (Precautionary)
S e c o n d a r y I n d i c a t o r s				
Active Case Ratio Thresholds	1:350 or less	1:351 to 1:2000	1:2001 to 1:4000	1:4001 or more
Actual (10/30)	The active case ratio is currently 1:83			
Positivity Rates (7 Day)	≥ 10.0%	9.9% to 6%	5.9% to 2.0%	≤ 1.9
Actual (10/20)	The most recently reported positivity rate for Lewis & Clark County was most recently measured at 22.9%			
Local Hospital Capacity*	at/above 100% utilization	99% to 90% utilization	89% to 70% utilization	at/below 69% utilization
Actual (10/29)	St. Peters Health was most recently listed as being “at/over 100% utilization” as of the 11/19 DPHHS report			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (10/30)	Active cases declined this week with 826 listed as of 11/19. This decrease is largely due to previous cases that are now considered “recovered.”			
School Associated Cases (7 Day)	How active are school-associated cases? Are school associated cases increasing or decreasing?			
Actual (10/30)	School associated cases increased significantly this week with 46 new student and employee cases reported since Friday, 11/20. This represents a single week high in reported/confirmed student and employee cases.			

*Based on DPHHS Report: COVID-19 Hospital Capacity Status Report ([link](#))



STATUS: The Helena Public Schools remain in Phase I but have made the decision to move both Helena High and Capital High to a remote learning environment (Phase 0) for two weeks beginning on Monday, November 23rd through Friday, December 4th. This decision was necessary due to not being able to minimally staff classrooms as a result of COVID-related impacts within/across our community.



Data-Informed Decisions

County cases increased dramatically this week with 495 new cases identified over the past seven days. This one-week case count far exceeds the previous high, established last week, of 289 new cases. Case counts included a one-day high of 97 on 11/12 which was likely a two-day composite from 11/11 and 11/12. Nevertheless, daily case numbers across the past seven days were well above recent totals. Aligned with the county-wide surge was an increase of cases associated with HSD students and employees. A total of 46 were reported through Friday, 11/10, which represents an all-time high to date.



Professional Insights

While HSD schools continue to exhibit minimal virus transmission and relatively low per-case contacts, health partners were understanding of the need to temporarily move both high schools to a remote environment beginning 11/23 as the result of impacted staffing. Health partners continue to cite that schools provide one of the safest environments outside student/staff residences due to required and enforced protocols. Specifically, local health officials expressed concern about rising cases and the potential impact of the coming holidays. Impacts associated with Thanksgiving may become evident within the next three weeks and could further complicate school efforts.