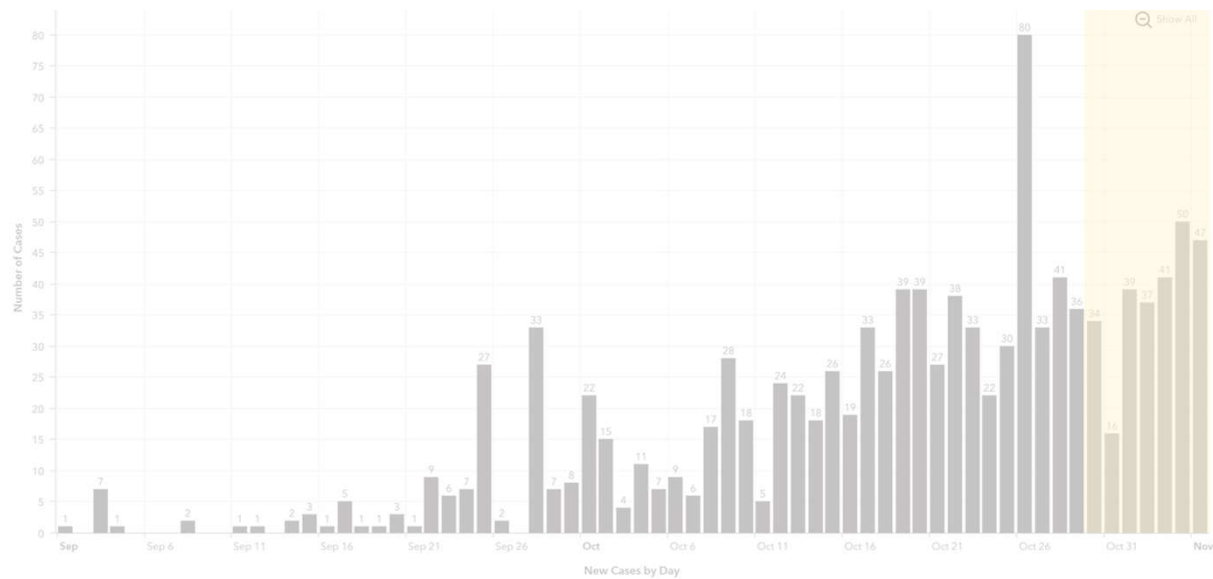




Weekly Report: Monitored Health Indicators
 November 6, 2020: (10/23 to 11/5)



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.

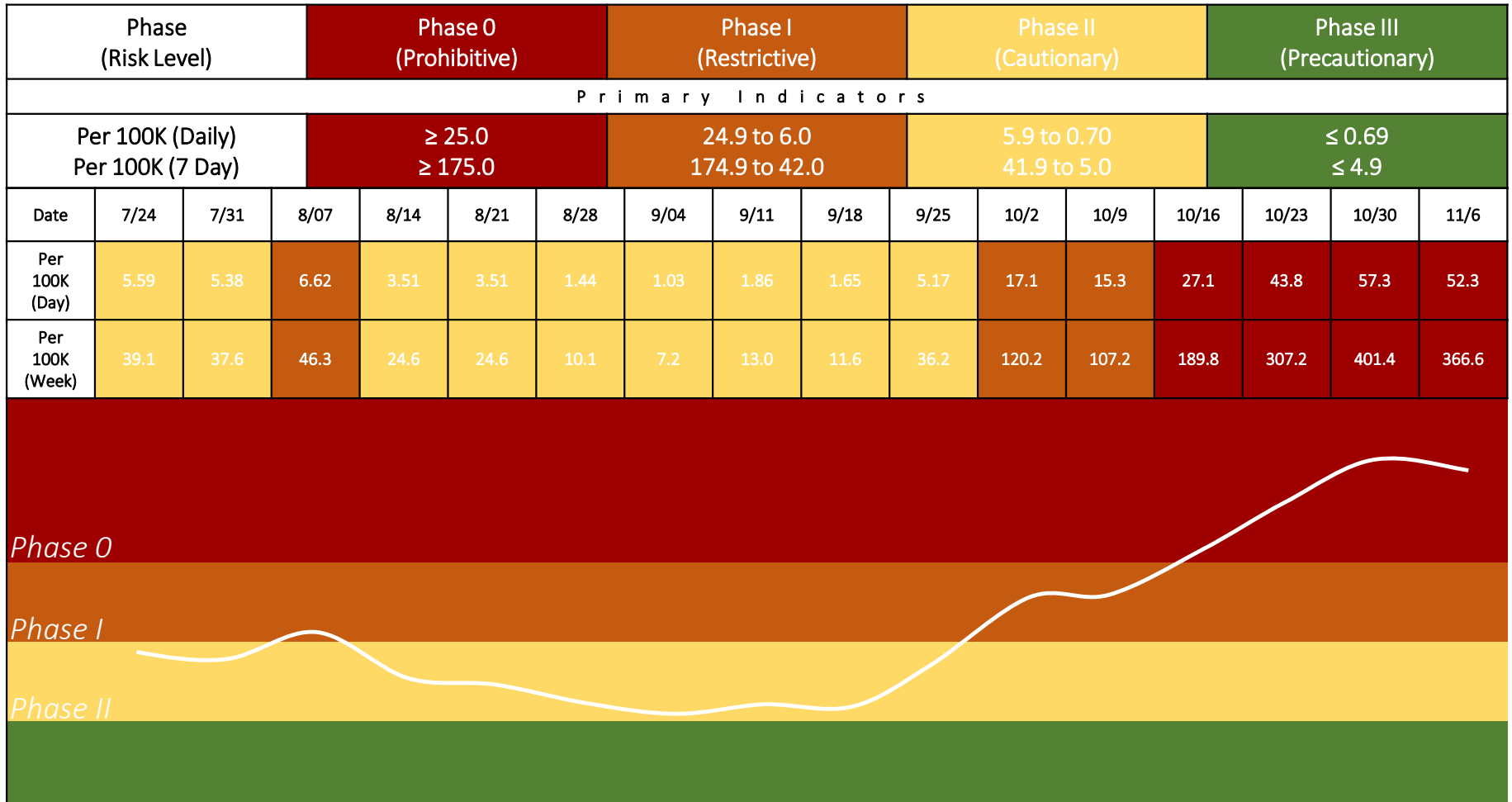
Local Health Indicators: Weekly Data

	7/31	8/07	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
Positive county cases per day	3.7 (avg)	4.5 (avg)	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)
Positive county cases per day (per 100,000)	5.38	6.62	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
Positive county cases per week	26	32	17	17	7	5	9	8	25	83	74	131	212	277	253
Positive county cases per week (per 100,000)	37.6	46.3	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
Positivity rate for week*	2.6%	1.7%	1.5%	1.6%	1.2%	0.9%	2.3%	3.6%	4.2%	7.5%	8.3%	19.0%	25.2%	22.9%	TBD
Two-week trend in positive county cases	↑ (53)	↑ (58)	↓ (49)	↓ (34)	↓ (24)	↓ (12)	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)
Active county cases	53	53	55	44	40	14	10	17	41	124	152	276	483	743	960
Active county case ratio	1:1302	1:1302	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
County Infection Rate	0.90	0.82	0.77	0.77	0.83	0.95	1.15	1.40	1.40	1.20	1.18	1.25	1.26	1.09	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.*

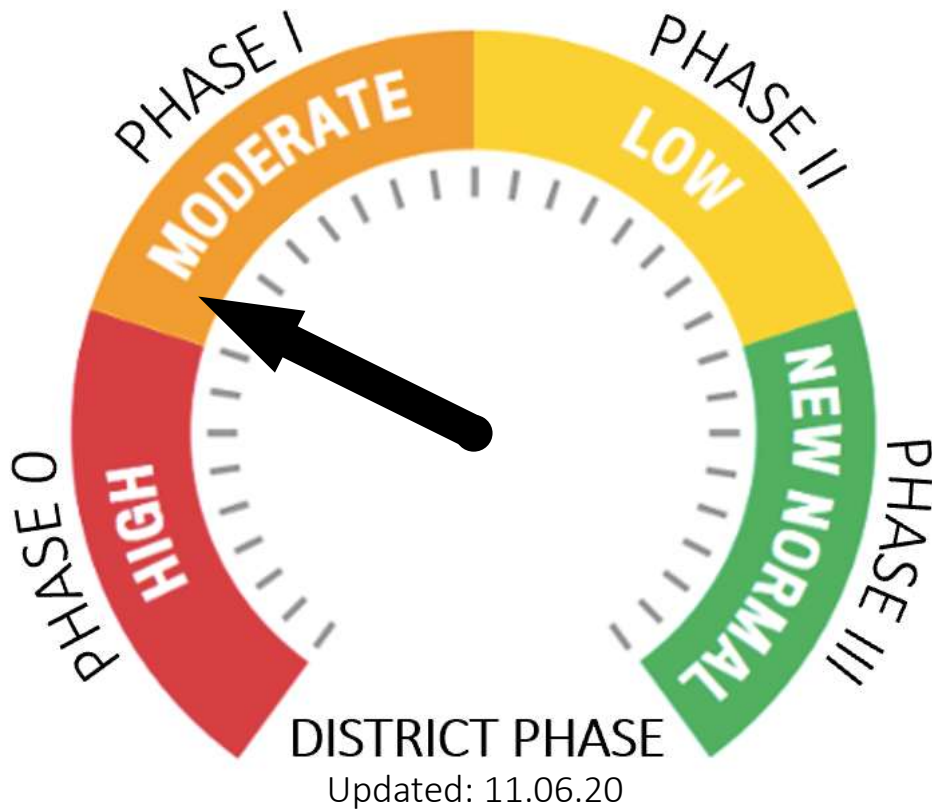
Primary Indicators



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 1:71			
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/above 90% utilization” as of the 11/4 DPHHS report			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (10/30)	With 960 active cases as of 11/6, Lewis & Clark County has experienced a fivefold increase in the last month.			
School Associated Cases (7 Day)	How active are school-associated cases? Are school associated cases increasing or decreasing?			
Actual (10/30)	School associated cases decreased this week with 22 new cases reported since Friday, 10/30. However, this single-week number of 22 represents the second-highest seven-day total to date.			

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



STATUS: The Helena Public Schools remain in Phase I for the time-being. No anticipated changes are being recommended for next week. However, staffing challenges due to quarantines may soon necessitate the intermittent closure of specific schools.



Data-Informed Decisions

While the numbers of daily and weekly cases declined across the last seven days, the one-week total of 253 represents the second highest number of identified cases in a single week. The county’s positivity rate declined slightly but at 22.9%, the current rate is more than twice the threshold for being considered high/prohibitive. School-associated cases declined across the past seven days with 22 being reported since Friday, 10/30.



Professional Insights

Our health partners continue to report that HSD schools are not an identified source of virus transmission within our community. Apart from a few specific situations, school-related contacts remain low, typically less than one per identified case. While several indicators remain solidly within the threshold for Phase 0, health professionals continue to agree with Phase I being a safe, sustainable option for remaining physically in school.