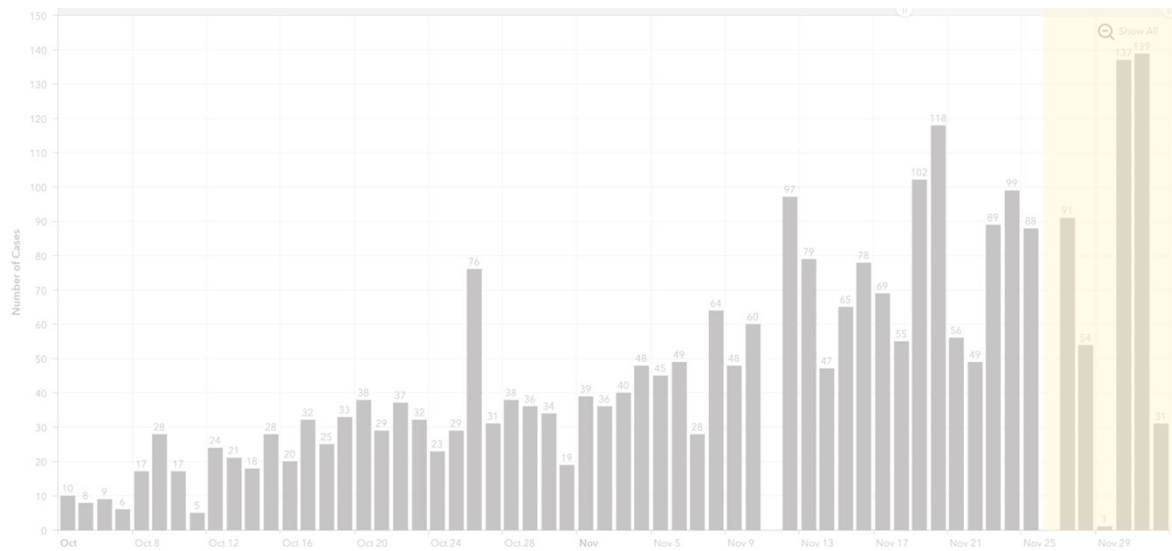




Weekly Report: Monitored Health Indicators
 December 4, 2020: (11/27 to 12/3)



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.

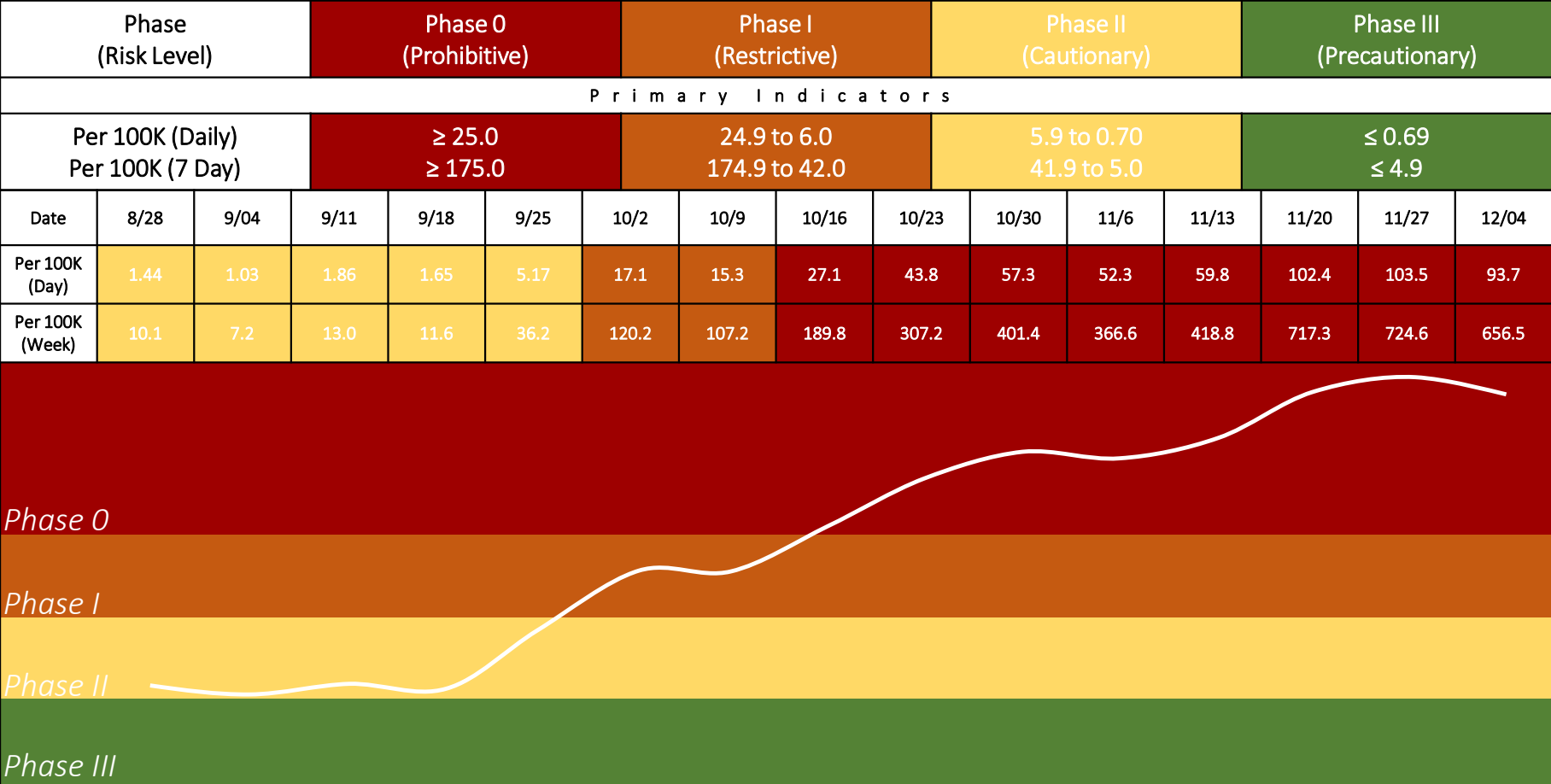
Local Health Indicators: Weekly Data

	8/28	9/04	9/11	9/18	9/25	10/2	10/9	10/16	10/23	10/30	11/06	11/13	11/20	11/27	12/4
Positive county cases per day	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)	71.4 (avg)	64.7 (avg)
Positive county cases per day (per 100,000)	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	103.5	93.7
Positive county cases per week	7	5	9	8	25	83	74	131	212	277	253	289	495	500	453
Positive county cases per week (per 100,000)	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	724.6	656.5
Positivity rate for week*	1.2%	0.9%	2.3%	3.6%	4.2%	7.5%	8.3%	19.0%	25.2%	22.9%	23.3%	22.9%	25.5%	25.3%	TBD
Two-week trend in positive county cases	↓ (24)	↓ (12)	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)	↑ (542)	↑ (784)	↑ (995)	↓ (953)
Active county cases	40	14	10	17	41	124	152	276	483	743	960	1244	826	1216	1463
Active county case ratio	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	1:56	1:47
County Infection Rate	0.83	0.95	1.15	1.40	1.40	1.20	1.18	1.25	1.26	1.09	1.11	1.18	0.95	1.06	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.*

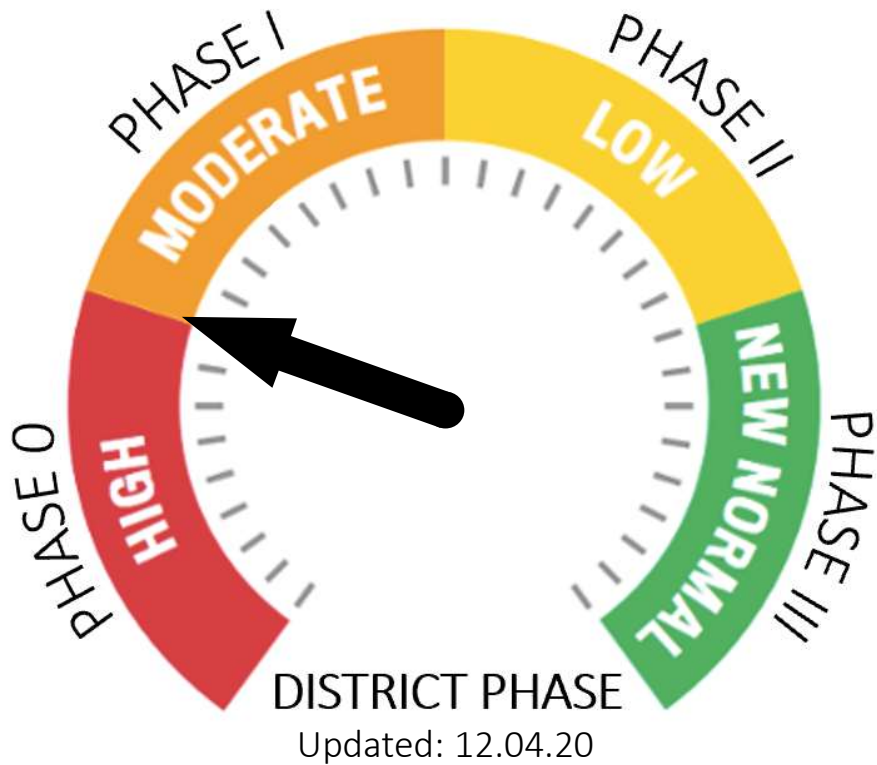
Primary Indicators



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 (12/3)	The active case ratio is currently 1:47			
Positivity Rates (7 Day)	≥ 10.0%	9.9% to 6%	5.9% to 2.0%	≤ 1.9
Actual (11/25)	The most recently reported positivity rate for Lewis & Clark County was most recently measured at 25.3%			
Local Hospital Capacity*	at/above 100% utilization	99% to 90% utilization	89% to 70% utilization	at/below 69% utilization
Actual (12/02)	St. Peters Health was most recently listed as being “between 70% and 90% utilization” as of the 12/02 DPHHS report.			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (12/03)	Active cases reported within a seven-day period decreased this week with 453 cases. The fourteen-day case trend is also down slightly from the previous fourteen-day trend. However, active cases as of 12/03 were listed at 1,463 which is an all-time high based on weekly reported indicators.			
School Associated Cases (7 Day)	How active are cases associated with our students and employees? Are cases related to in-school transmission or largely the result of exposure outside of school?			
Actual (12/04)	Cases associated with HSD students and employees were down this week by comparison to previous weeks. Total reported cases associated with students and employee for the past seven day are 39. However, this total may be lower due to last week’s holiday (shortened week).			

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



STATUS UPDATE: On 12/3, the Helena Public Schools announced that both Helena High and Capital High will return to the Phase I hybrid model as of Monday, 12/7. For the time being, this decision returns all HSD schools to Phase I. Maintaining adequate staffing levels remains an ongoing challenge. However, across the last ten days, the total number of reported absences has declined, especially pertaining to employees that are in quarantine. It remains unknown as to whether there will be forthcoming, virus-related impacts associated with the recent Thanksgiving holiday and weekend.



Data-Informed Decisions

County cases decreased slightly this week with 453 being reported across the past seven days. Totals for this week varied significantly and while unconfirmed, these variations were likely the result of reduced processing capacity and subsequent efforts to catch-up with COVID testing demands. Cases associated with HSD students and employees were down by comparison to recent weeks (39), but it remains unknown as to whether notification of cases associated with high school students kept pace or lagged due to both CHS and HHS being in Phase 0 across the past two weeks. In addition, the above-noted processing of tests may have artificially reduced the seven-day total.



Professional Insights

Health partners continue to cite schools/classrooms as being places of low virus transmission. Per-case contacts remain low with masking/distancing remaining contributing factors to keeping students/families free of school-related quarantines. Many positive student/employee cases generally knowing when/where/how they were exposed. Maintaining adequate staffing remains the district’s most pressing challenge. In the last week, the number of employees that are in quarantine has dropped and as of Monday, December 7, both Helena High and Capital High will reopen to Phase I, in-person instruction. While current and predicted absence levels appear manageable, staffing remains dynamic and, as a result, constantly monitored.