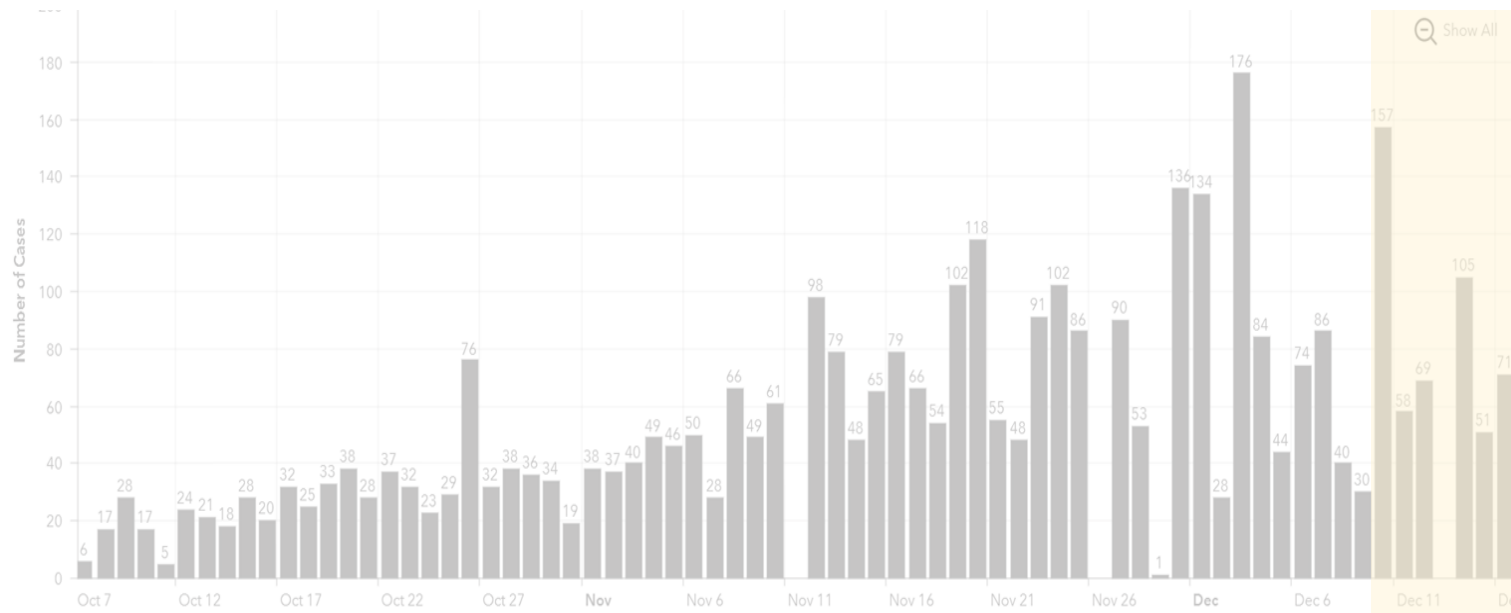




Weekly Report: Monitored Health Indicators  
 December 18, 2020: (12/11 to 12/17)



*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.*

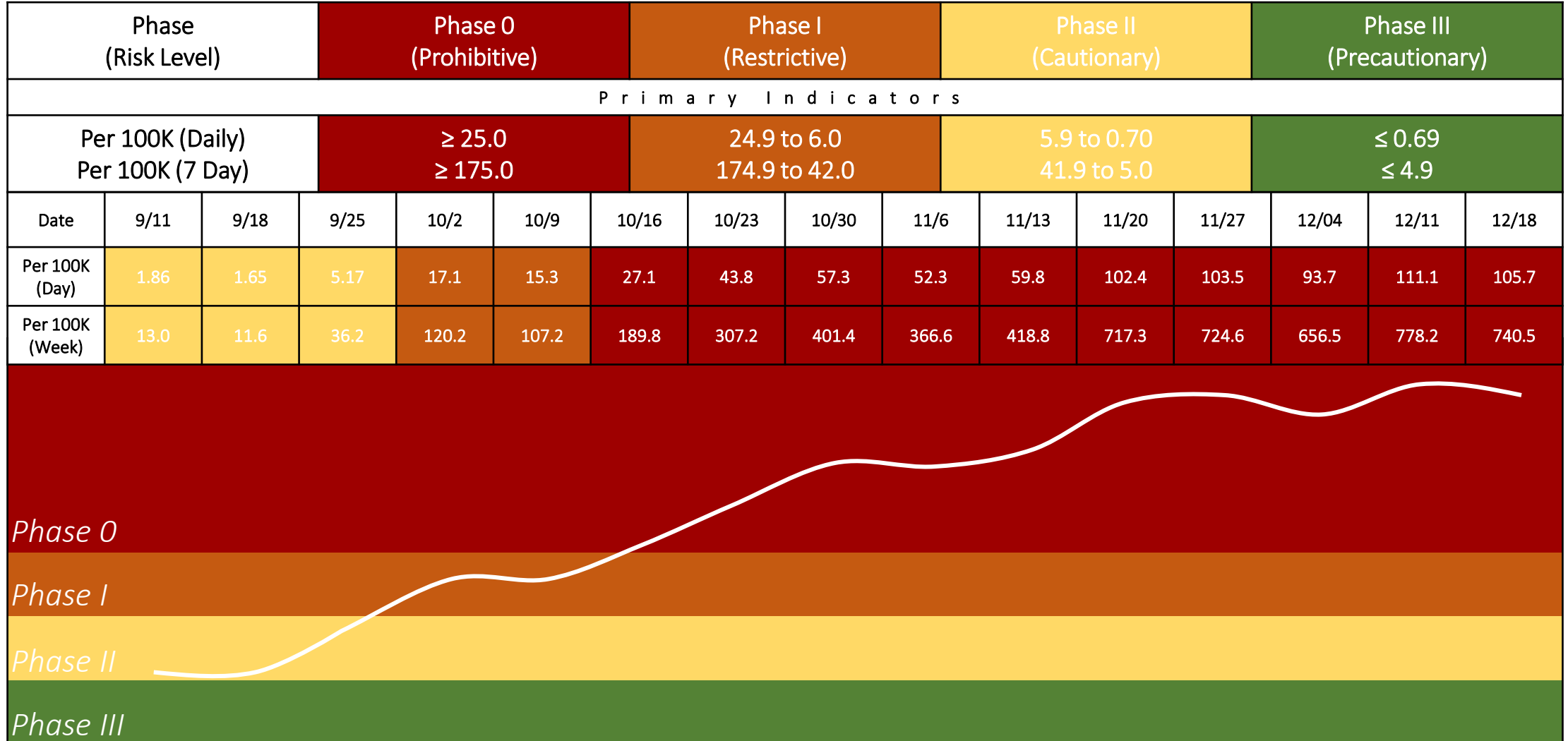
## Local Health Indicators: Weekly Data

	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	12/11	12/18
Positive county cases per day	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)	76.7 (avg)	73.0 (avg)
Positive county cases per day (per 100,000)	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	111.1	105.7
Positive county cases per week	9	8	25	83	74	131	212	277	253	289	495	500	453	537	511
Positive county cases per week (per 100,000)	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	778.2	740.5
Positivity rate for week*	2.3%	3.6%	4.2%	7.5%	8.3%	19.0%	25.2%	22.9%	23.3%	22.9%	25.5%	25.3%	25.9%	26.5%	TBD
Two-week trend in positive county cases	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)	↑ (542)	↑ (784)	↑ (995)	↓ (953)	↑ (990)	↑ (1048)
Active county cases	10	17	41	124	152	276	483	743	960	1244	826	1216	1463	1639	895
Active county case ratio	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	1:42	1:77
County Infection Rate	1.15	1.40	1.40	1.20	1.18	1.25	1.26	1.09	1.11	1.18	0.95	1.06	1.02	0.92	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.*

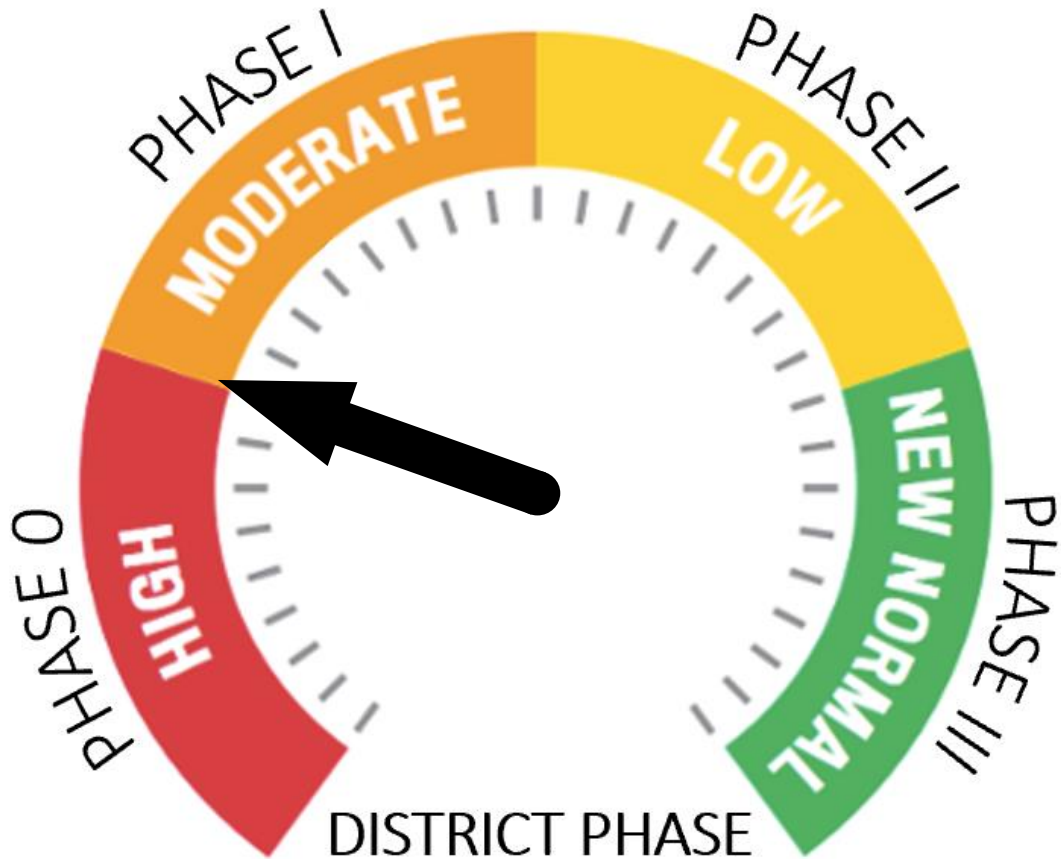
## Primary Indicators



## 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 (12/17)	The active case ratio is currently 1:77			
Positivity Rates (7 Day)	≥ 10.0%	9.9% to 6%	5.9% to 2.0%	≤ 1.9
Actual (12/09)	The most recently reported positivity rate for Lewis & Clark County was most recently measured at 26.5%			
Local Hospital Capacity*	at/above 100% utilization	99% to 90% utilization	89% to 70% utilization	at/below 69% utilization
Actual (12/17)	St. Peters Health was most recently listed as being “between 70% and 90% utilization” as of the 12/17 DPHHS report.			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (12/17)	Active cases again topped 500 this week. With 511 cases in the last seven days, this marks the second highest weekly total to date. As a result, the 14-day trend increased to 1,048 marking the first time the trend has moved into quadruple digits. Overall, Lewis & Clark County has averaged nearly 500 cases per week for the past five weeks (499.2).			
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 (12/18)	Cases associated with HSD students and employees increased this week to 52. This seven-day number represents the highest total to date and is +10 more than the average number of cases from the average from the previous month (41.7). Case totals associated with students/employee continue to mirror totals within/across Lewis & Clark County.			

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



**DISTRICT PHASE**  
Updated: 12.18.20

STATUS UPDATE: The Helena Public Schools will be closed for two weeks due to the Winter Break. With the forthcoming holidays, testing/reporting may be inconsistent and therefore, the reported number of cases may vary from day to day. As a result, communication with local health officials will remain a priority as we seek to prepare for schools to reopen after the break.



### *Data-Informed Decisions*

County cases increased this week and remain consistent with the average number of local cases across the past five weeks (avg. 499). With a seven-day total of 511 cases this week and 537 from the previous week, Lewis & Clark County topped 1,000 for the first time in terms of our 14-day average/trend. While some counties across our state are experiencing some relief in terms of COVID infections, cases in Lewis & Clark County remain high. Lewis & Clark County currently has the seventh-highest daily case incidence number in the State of Montana. Cases associated with HSD students and employees increased this week to a seven-day total of 52. This represents our highest single week total for student/employee cases.



### *Professional Insights*

State and local health officials continue to cite schools as being one of the safest environments, aside from healthcare settings and home isolation. By comparison, cases associated with the Helena Public Schools remain lower than average with contacts-per-case remaining well below other like-size districts. However, as noted above, cases within Lewis & Clark County and cases associated with our HSD students and employees have increased in recent weeks while other counties/districts have experienced declines. These metrics will continue to be monitored across the forthcoming Winter Break. Discussions with local health officials will also remain active as we prepare to reopen schools in January.