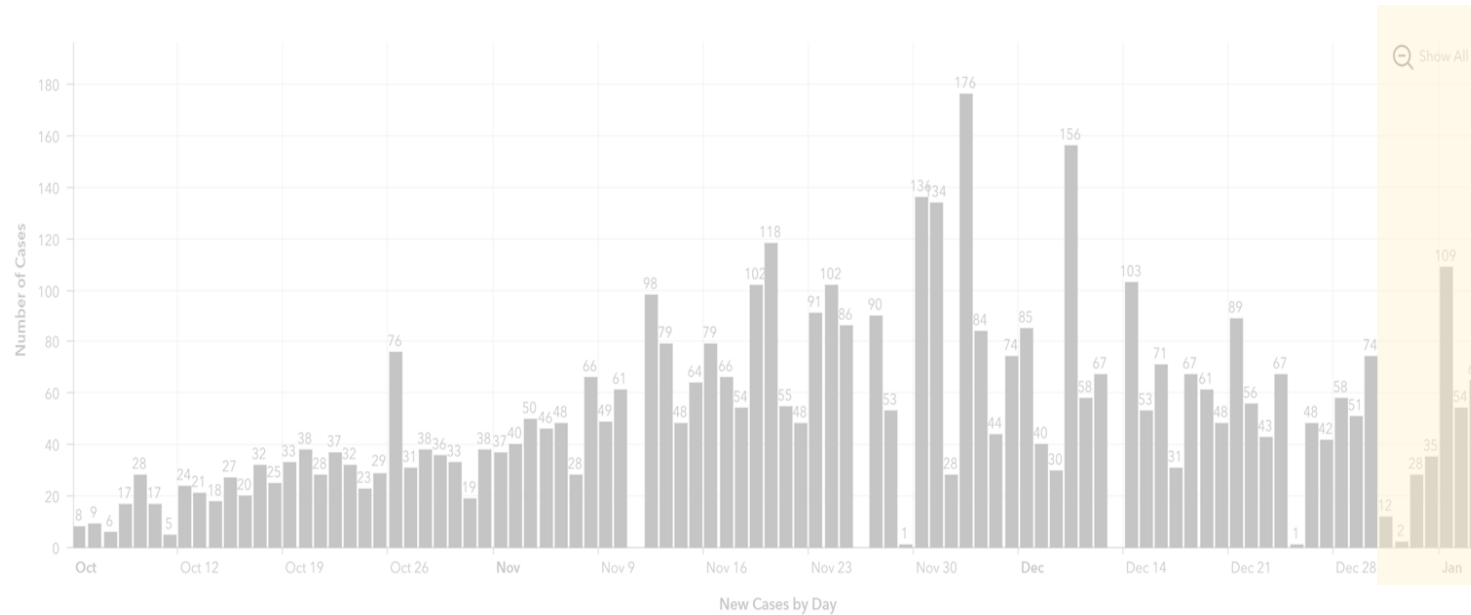




Weekly Report: Monitored Health Indicators January 8, 2021: (01/01 to 01/07)



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.

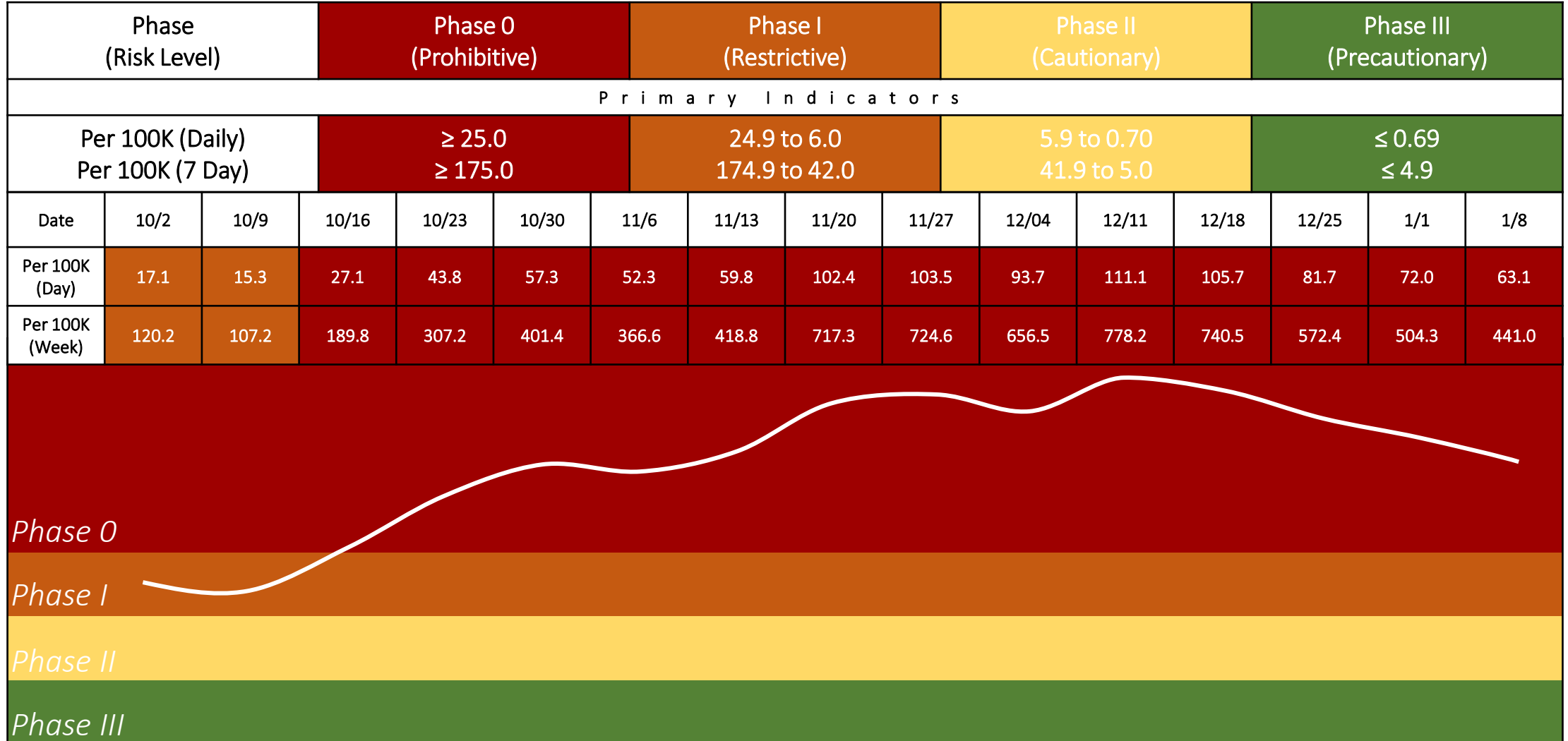
Local Health Indicators: Weekly Data

	10/2	10/9	10/16	10/23	10/30	11/06	11/13	11/20	11/27	12/4	12/11	12/18	12/25	1/1	1/8
Positive county cases per day	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)	56.4 (avg)	49.7 (avg)	43.57 (avg)
Positive county cases per day (per 100,000)	17.1	15.3	27.1	43.8	57.3	52.3	59.8	102.4	103.5	93.7	111.1	105.7	81.7	72.0	63.1
Positive county cases per week	83	74	131	212	277	253	289	495	500	453	537	511	395	348	305
Positive county cases per week (per 100,000)	120.2	107.2	189.8	307.2	401.4	366.6	418.8	717.3	724.6	656.5	778.2	740.5	572.4	504.3	441.0
Positivity rate for week*	7.5%	8.3%	19.0%	25.2%	22.9%	23.3%	22.9%	25.5%	25.3%	25.9%	26.5%	12.1%	15.4%	29.2%	TBD
Two-week trend in positive county cases	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)	↑ (542)	↑ (784)	↑ (995)	↓ (953)	↑ (990)	↑ (1048)	↓ (906)	↓ (743)	↓ (653)
Active county cases	124	152	276	483	743	960	1244	826	1216	1463	1639	895	859	611	560
Active county case ratio	1:556	1:453	1:250	1:142	1:92	1:71	1:55	1:83	1:56	1:47	1:42	1:77	1:80	1:112	1:123
County Infection Rate	1.20	1.17	1.24	1.19	1.12	1.14	1.18	1.13	1.05	0.97	0.91	0.89	0.91	0.95	TBD

- Trending Negatively
- Trending Positively
- No Distinguishable Trend

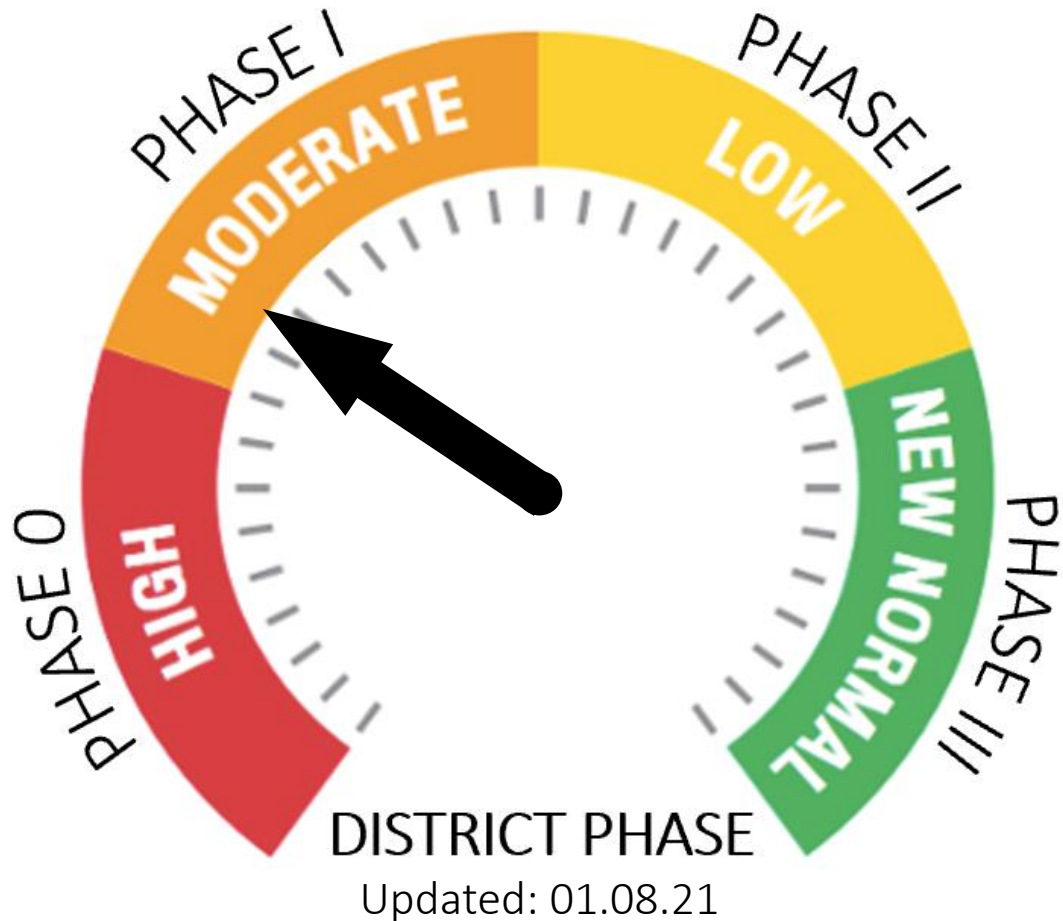
*Note: Data is derived from weekly data updated provided by [Lewis & Clark Public Health](#)
Data recorded Friday to Thursday, capturing positive cases from the day prior.*

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 (1/8)	The active case ratio is currently 1:123			
Positivity Rates (7 Day)	≥ 10.0%	9.9% to 6%	5.9% to 2.0%	≤ 1.9
Actual (1/1)	The most recently reported positivity rate for Lewis & Clark County was most recently measured at 29.2%			
Local Hospital Capacity*	at/above 100% utilization	99% to 90% utilization	89% to 70% utilization	at/below 69% utilization
Actual (1/7)	St. Peters Health was most recently listed as being “between 70% and 90% utilization” as of the 1/7 DPHHS report.			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (1/8)	Active cases in Lewis & Clark County have trended down for four consecutive weeks. As of 1/7, 560 cases have been confirmed within our county over the last fourteen-day period. This fourteen-day trend number has not been under 600 cases since late October. Overall, cases across Montana continue to trend downward from highs reached in mid-November. Health officials do not yet know whether an increase or surge of cases will result due to the recent holidays.			
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 (1/8)	Cases associated with our Helena Public Schools students and employee increased this week from the relatively low totals confirmed over the recent Winter Break. In total, 30 cases were confirmed this week across all schools/departments. This single week number represents an increase but is considerably lower that the 52 cases reported in the week leading up to the Winter Break.			



STATUS UPDATE: The Helena Public Schools will remain in Phase I with daily/weekly per-100,000 case numbers well into the Phase 0 (Prohibitive) range. Totals for employees that are unable to attend school/work physical remained relatively low this past week and subsequently, staffing and substitute fill-rates remained high.



Data-Informed Decisions

For the fourth consecutive week, confirmed COVID cases in Lewis & Clark County decreased with 305 cases reported across the past seven days. In terms of cases associated with our students/employees, 30 cases were reported this week. In terms of trends, cases associated with students/employees continue to trend in alignment with the overall case totals for Lewis & Clark Public Health. While the recent decreases in cases is an encouraging trend, Lewis & Clark County remains at/near the top of all counties in Montana for cases-per-day (adjusted for population). These rates indicate that the COVID outbreak within our community remains an active level requiring restrictive to prohibitive health/safety protocols.



Professional Insights

Regularly meetings with health professionals resumed this week including an opportunity with Lewis & Clark Public Health. Feedback from these professionals pertaining to our schools was limited as we are returning from the recent Winter Break. In terms of larger trends within our community and state, health officials (state level) continue to cite that it is too early to know whether a surge of COVID cases will result due to the recent holidays. If a surge is forthcoming, officials cite that evidence should begin to emerge by roughly mid-January.