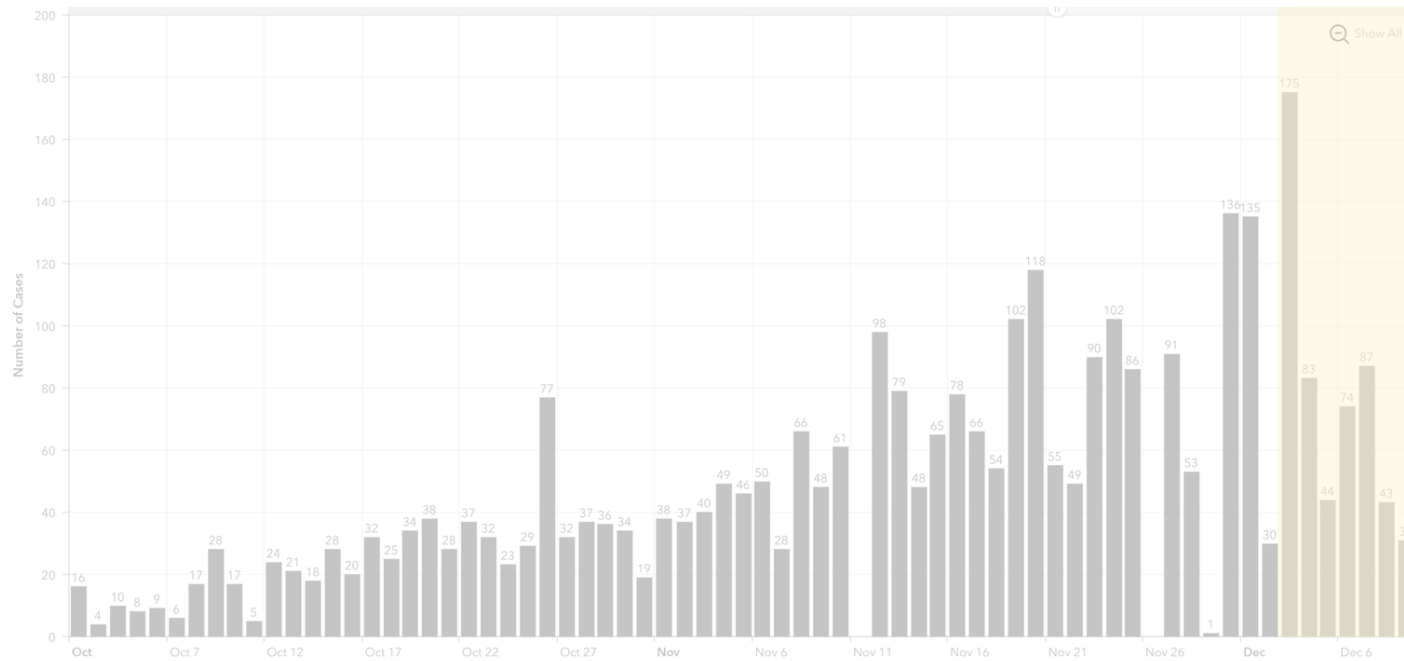




Weekly Report: Monitored Health Indicators December 11, 2020: (12/4 to 12/10)



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.

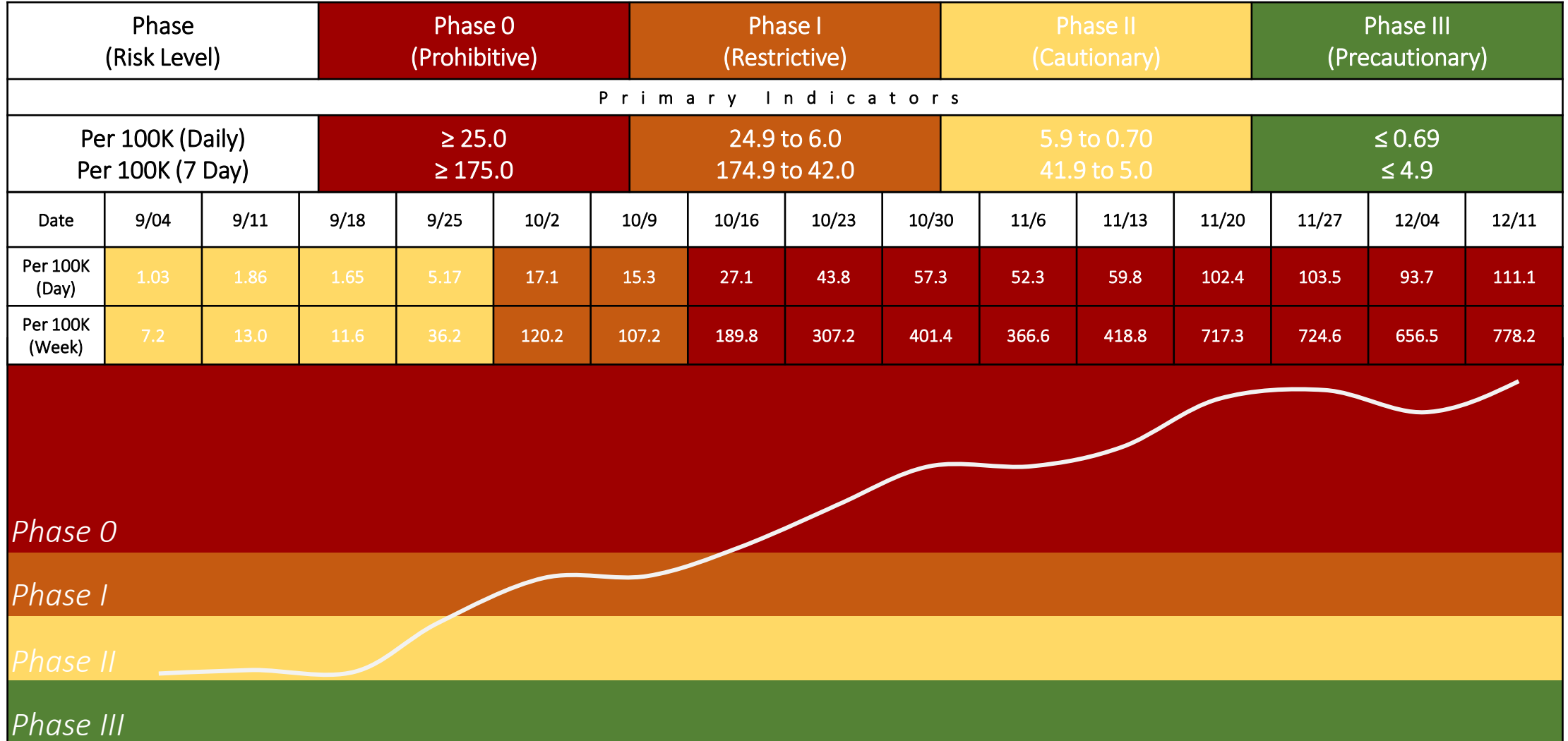
Local Health Indicators: Weekly Data

	9/04	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	12/11
Positive county cases per day	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)	76.7 (avg)
Positive county cases per day (per 100,000)	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	111.1
Positive county cases per week	5	9	8	25	83	74	131	212	277	253	289	495	500	453	537
Positive county cases per week (per 100,000)	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	778.2
Positivity rate for week*	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%	25.9%	TBD
Two-week trend in positive county cases	↓ (12)	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)	↑ (489)	↑ (530)	↑ (542)	↑ (784)	↑ (995)	↓ (953)	↑ (990)
Active county cases	14	10	17	41	124	152	276	483	743	960	1244	826	1216	1463	1639
Active county case ratio	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	1:42
County Infection Rate	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	1.02	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.*

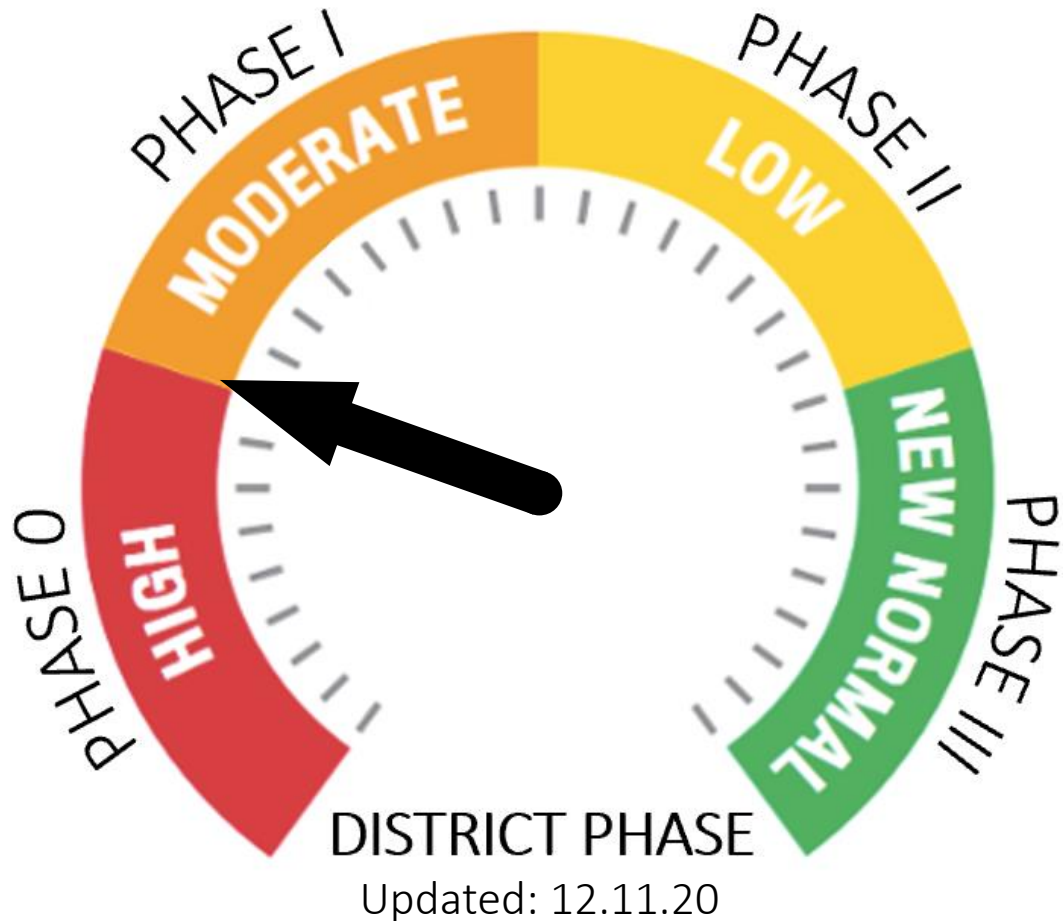
Primary Indicators



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 (12/11)	The active case ratio is currently 1:42			
Positivity Rates (7 Day)	≥ 10.0%	9.9% to 6%	5.9% to 2.0%	≤ 1.9
Actual (12/01)	The most recently reported positivity rate for Lewis & Clark County was most recently measured at 25.9%			
Local Hospital Capacity*	at/above 100% utilization	99% to 90% utilization	89% to 70% utilization	at/below 69% utilization
Actual (12/10)	St. Peters Health was most recently listed as being “between 70% and 90% utilization” as of the 12/10 DPHHS report.			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (12/11)	Active cases increased across the past seven days to an all-time high 537 in a seven-day period (Wednesday to Thursday cycle). Daily case counts continue to fluctuate in a significant manner due to processing and data-entry challenges posed by volume/demand. In terms of trends, Lewis & Clark County has averaged nearly 500 cases per week for the past four weeks (496.2).			
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 (12/11)	Cases associated with HSD students and employees increased this week with 42 cases reported. As noted last week, reporting of cases over the two previous weeks was inconsistent due to the five-day break associated with Thanksgiving. Case reporting this week remained inconsistent but aligned with the fluctuations of numbers at the county-level.			

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



STATUS UPDATE: The Helena Public Schools remain in Phase I with no phase changes planned for the coming week. All schools will remain in Phase I through next week and into the forthcoming Winter Break. During the two-week break, we will continue to monitor cases associated with our students and employees as well as local case counts and trends. As experienced during the recent Thanksgiving break, case reporting is expected to be varied and potentially, inconsistent. For this reason, we will continue to analyze overall case trends and will work closely with local health officials in considering school decisions related to our return to school in early January.



Data-Informed Decisions

County cases increased this week and remain consistent with the average number of local cases across the past four weeks. Day-to-day fluctuations in reported cases continue with daily case counts this week ranging from 175 to 31. Cases associated with HSD students and employees increase slightly this week (42) but likewise, numbers remain consistent with averages from the four previous weeks. As noted below, this consistency does not guarantee a cresting of case counts as the true impact of the holidays remains largely forthcoming and unknown. Hospitalization rates remain high with capacity stretched locally and across our state. Warnings have been raised regarding the near-term potential of overwhelming hospital capacity.



Professional Insights

Cases and contacts related to the Helena Public Schools remain comparably low and health professional continue to cite that our schools/classrooms are rarely associated with instances of virus transmission. Physical distancing continues to be stressed as a necessary protective measure. These specific factors continue to point to Phase I as the most appropriate setting for our students/employees in relation to their schools. Health officials did note that case prevalence by age group is more evenly distributed across 20- to 70-year-olds than previously experienced. In the later half of November/early December, cases were highest amongst the 50- to 59-year-olds age range.