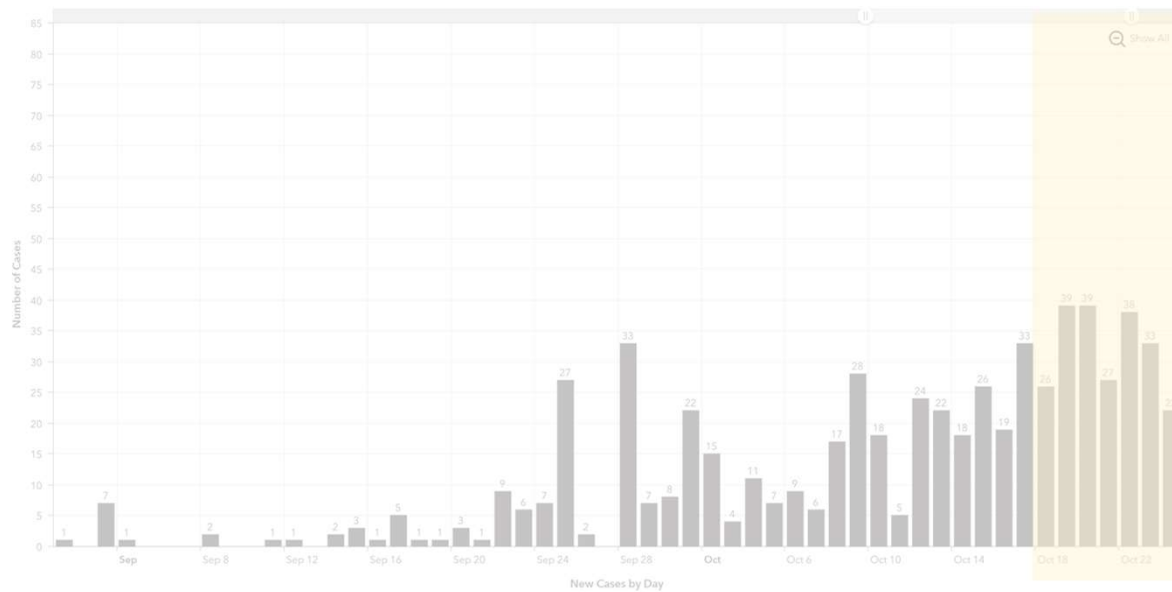




Weekly Report: Monitored Health Indicators  
 October 23, 2020: (10/17 to 10/23)



*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.*

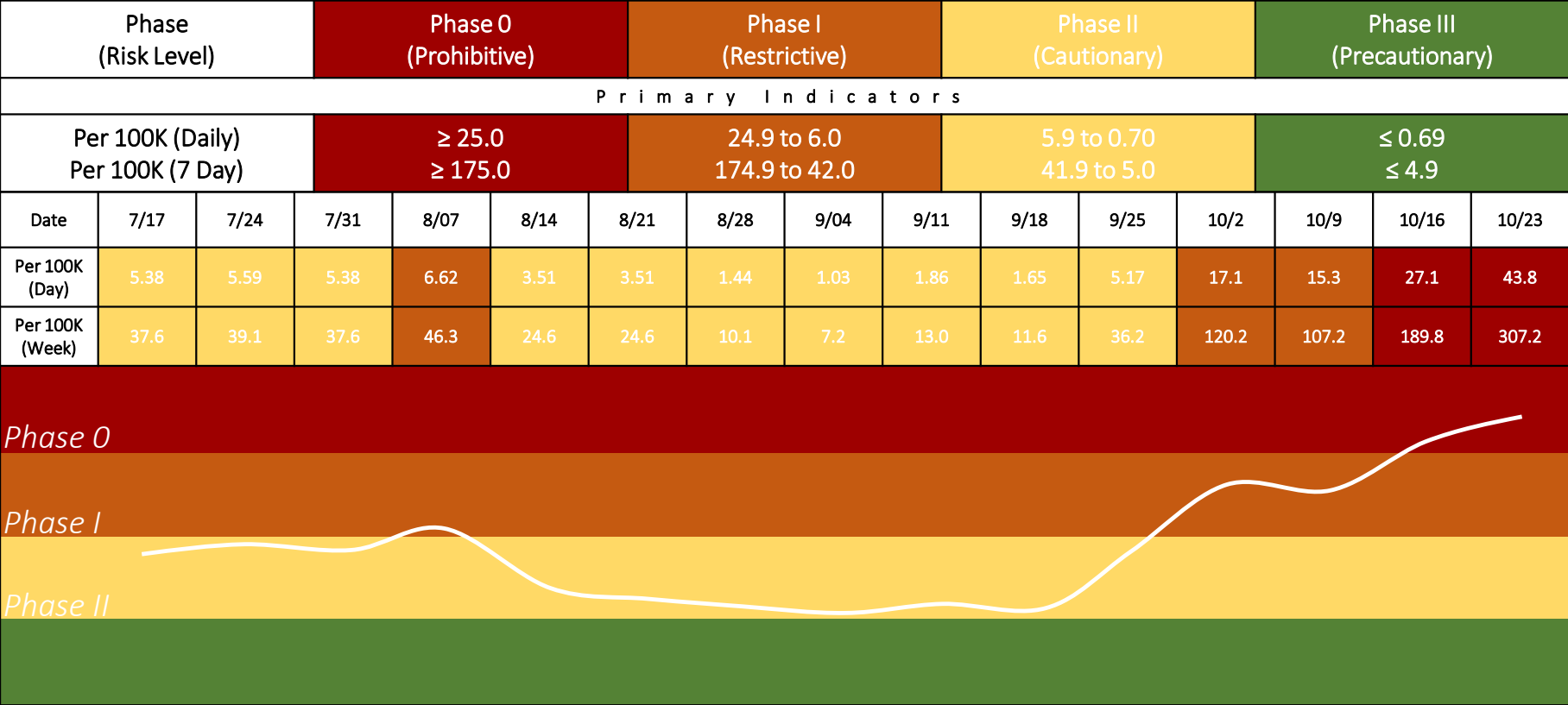
## Local Health Indicators: Weekly Data

	7/17	7/24	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
Positive county cases per day	3.7 (avg)	3.8 (avg)	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)
Positive county cases per day (per 100,000)	5.38	5.59	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
Positive county cases per week	26	27	26	32	17	17	7	5	9	8	25	83	74	131	212
Positive county cases per week (per 100,000)	37.6	39.1	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
Positivity rate for week*	2.4%	1.3%	2.6%	1.7%	1.5%	1.6%	1.2%	0.9%	2.3%	3.6%	4.2%	7.5%	8.3%	19.0%	TBD
Two-week trend in positive county cases	↑ (42)	↑ (53)	↑ (53)	↑ (58)	↓ (49)	↓ (34)	↓ (24)	↓ (12)	↑ (14)	↑ (17)	↑ (23)	↑ (108)	↑ (157)	↑ (205)	↑ (343)
Active county cases	66	93	53	53	55	44	40	14	10	17	41	124	152	276	483
Active county case ratio	1:1052	1:746	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
County Infection Rate	1.16	0.98	0.90	0.82	0.77	0.77	0.83	0.95	1.15	1.40	1.40	1.20	1.18	1.25	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.*

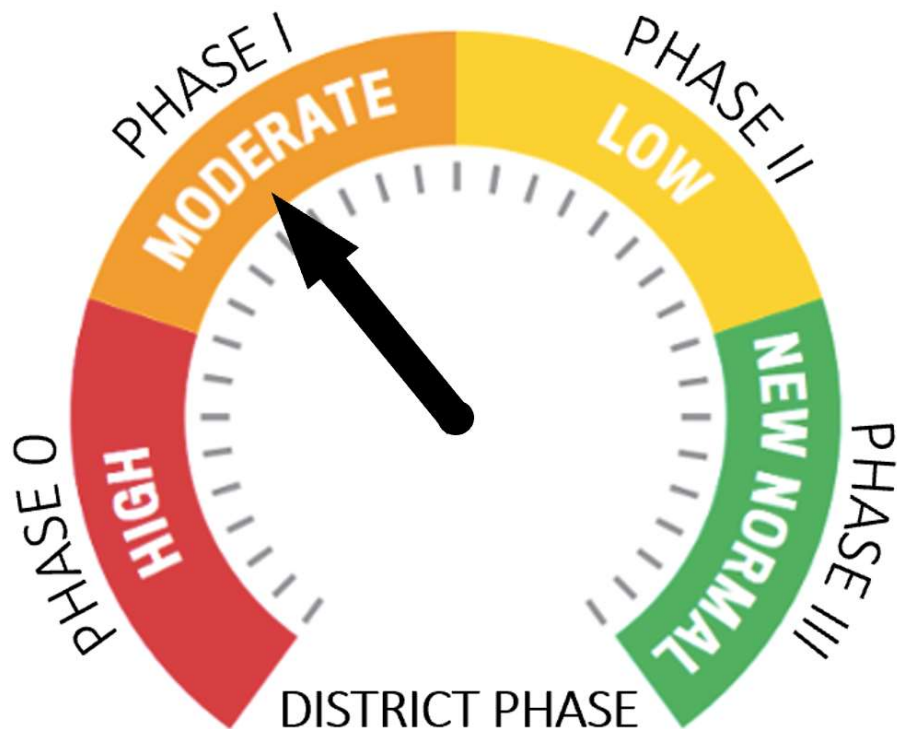
Primary Indicators



## 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 1:142			
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 19.0%			
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 10/21 DPHHS report			
Active Case Trend (14 Day)	Is the general active case trend increasing or decreasing?			
Actual (10/30)	With 483 active cases as of 10/23, Lewis & Clark County has nearly doubled our active cases in the last week (+207 from 10/16)			
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 five (5) new cases reported since Friday, 10/16			

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



Updated: 10.23.20

10/23/20: The Helena Public Schools remain in Phase I for the time-being. No anticipated changes are being recommended for next week.



### *Data-Informed Decisions*

Current health conditions indicate that the COVID-19 virus is continuing to spread rapidly across Lewis & Clark County. Our primary indicators are within the Phase 0 thresholds for the second consecutive week and for the first time since the onset of this pandemic, positivity rates are above 10% (19% as of 10/14). Reported cases for students and employees are down this week with five (5) reported since Friday, 10/16.



### *Professional Insights*

Health officials have expressed concern about the rapid escalation of positive cases in Lewis & Clark County. However, they are not finding cases associated with HSD schools. They continue to be encouraged by the impact of health/safety protocols within schools and the low number of school-related contacts.