



Knox
PUBLIC HEALTH
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Communicable Disease Report

May 2023

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Table 1: May 2023 Reportable Diseases

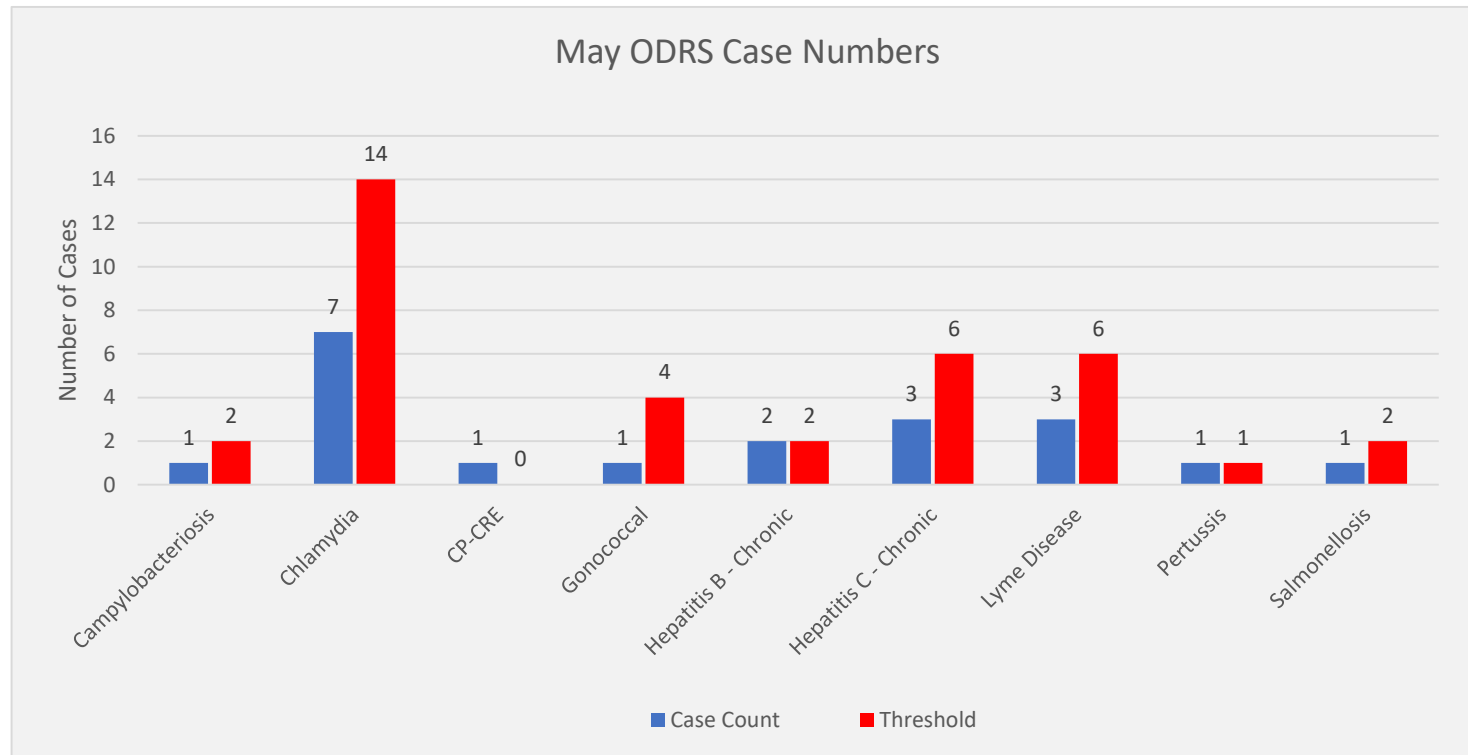
Ohio Disease Reporting System (ODRS)	Case Classification Status				Threshold	YTD
REPORTABLE DISEASE	Suspected	Probable	Confirmed	Total	May	Cases
Campylobacteriosis	0	0	1	1	2	5
Chlamydia infection	0	0	7	7	14	36
COVID-19	0	51	27	78	198	478
CP-CRE	0	0	1	1	0	1
Gonococcal Infection	0	0	1	1	4	4
Hepatitis B (including delta) - Chronic	0	2	0	2	2	3
Hepatitis C - Chronic	0	0	3	3	6	12
Lyme Disease	0	0	3	3	3	11
Pertussis	0	0	1	1	1	20
Salmonellosis	0	0	1	1	2	11

This report contains information regarding suspected, probable, and confirmed cases of the diseases listed and are subject to change

**Threshold calculated from the average and standard deviation of monthly disease reporting from 2017 to 2022*

Figure 1: May 2023 Reportable Disease Comparison

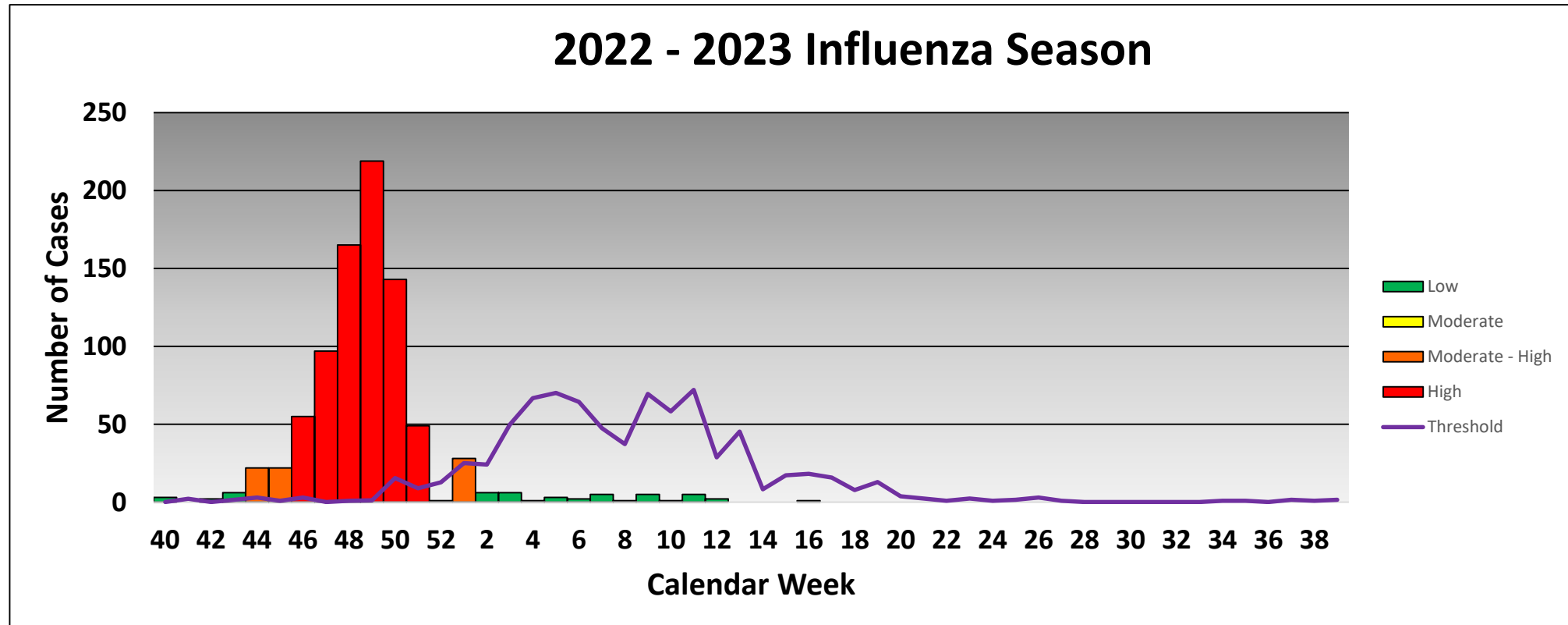
**COVID-19 excluded due to the number of cases for May exceeding the graphic scale for all other communicable diseases*



ODRS = Ohio Disease Reporting System

Figure 2: Knox County 2022 – 2023 Flu Season

Influenza cases have continued to decrease and have maintained well below the threshold value typically seen this time of year.



In Conclusion

- In summary, this report indicates varying levels of incidence for different conditions compared to their respective threshold values. Some conditions, such as Gonorrhea, Campylobacteriosis, Chlamydia, Hepatitis C, Lyme Disease, and Salmonella, have reported case counts below the established thresholds. On the other hand, Hepatitis B, and Pertussis are within the expected range. The reported case count of CP-CRE exceeding the threshold value of 0 indicates that at least one case has been identified. This is noteworthy because the threshold value of 0 suggests that no cases were expected.
- The identification of a case of CP-CRE, despite the threshold value of 0, highlights the importance of implementing stringent infection control measures, surveillance, and a prompt response to prevent further transmission. It is crucial to establish and follow appropriate protocols to effectively minimize the spread of CP-CRE within both healthcare settings and the community.
- Additionally, our declining influenza provider reporting together with 0 cases of hospitalization, suggests that the number of Influenza cases is lower than average.
- It's important to note that this analysis may be subject to change or further interpretation based on additional data and context.



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