



Knox
PUBLIC HEALTH
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Communicable Disease Report

April 2023

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Table 1: April 2023 Reportable Diseases

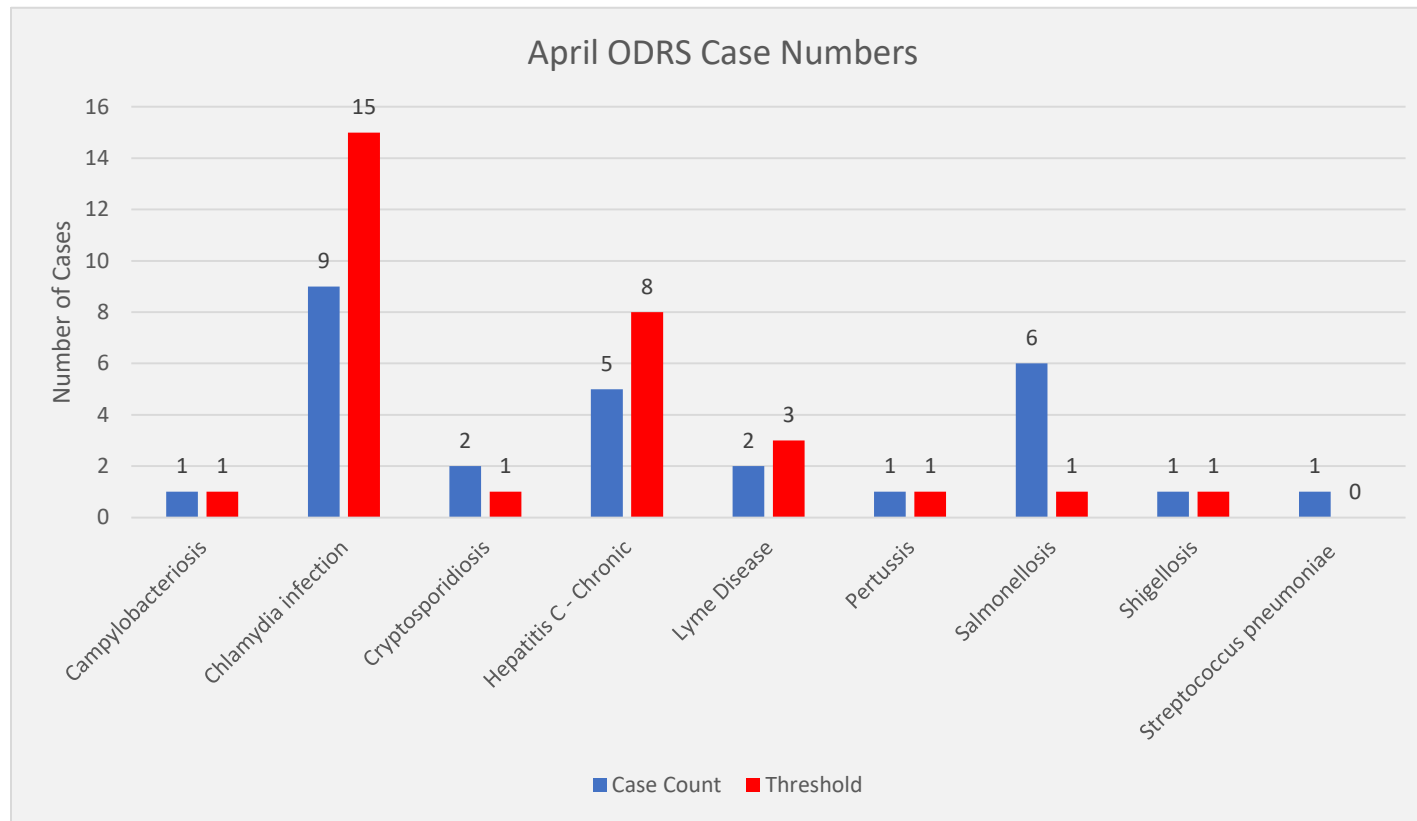
Ohio Disease Reporting System (ODRS)	Case Classification Status			Threshold	YTD
	REPORTABLE DISEASE	Probable	Confirmed	Total	April
Campylobacteriosis	0	1	1	1	4
Chlamydia infection	0	9	9	15	28
COVID-19	9	24	33	131	372
Cryptosporidiosis	0	2	2	1	3
Hepatitis C - Chronic	0	5	5	8	10
Lyme Disease	1	1	2	3	5
Pertussis	0	1	1	1	19
Salmonellosis	0	6	6	1	10
Shigellosis	0	1	1	1	1
Streptococcus pneumoniae	0	1	1	0	1

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: April 2023 Reportable Disease Comparison

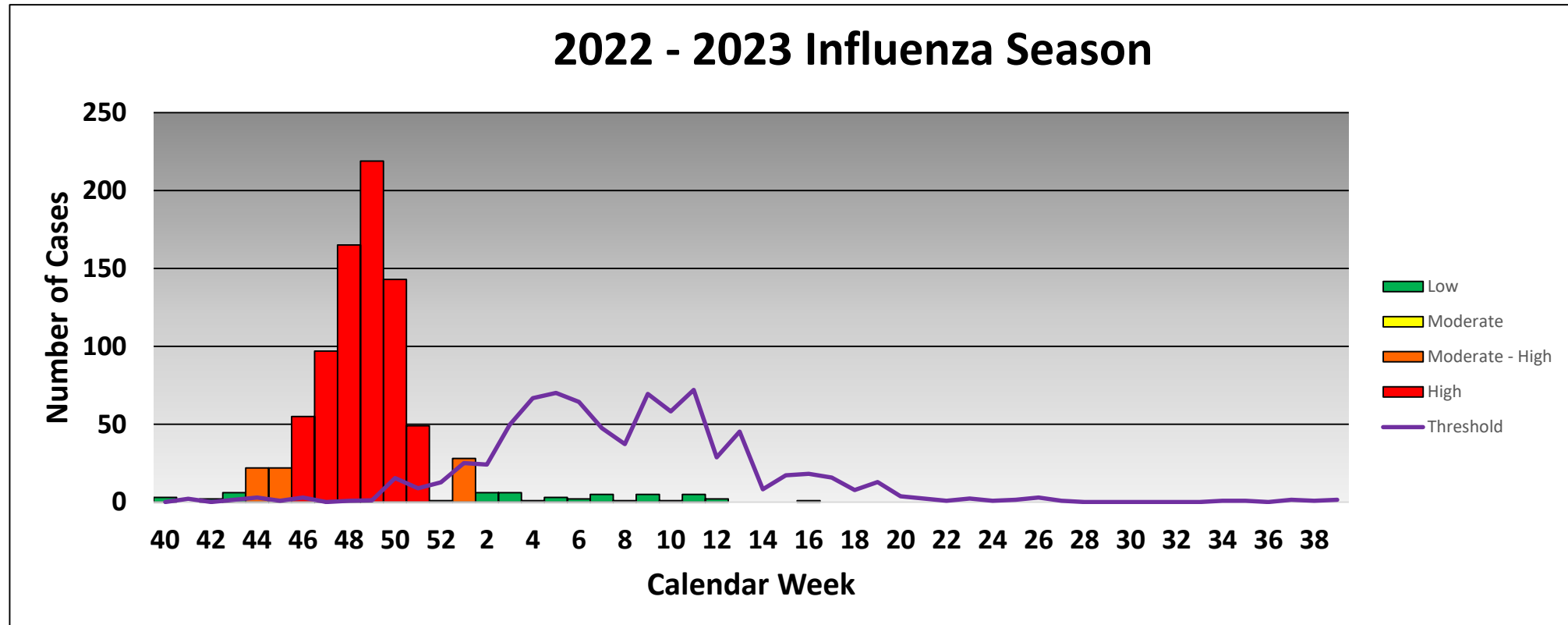
**COVID-19 excluded due to the number of cases for April exceeding the graphic scale for all other communicable diseases*



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.



Closing Thoughts

- For the month of April, Knox County had a high increase in cases of *Salmonella*.
 - Cases were around six times the threshold count. These cases were not epidemiologically connected and there were several different serotypes.
 - There were two different serotypes of *Salmonella* that occurred, three cases of *Salmonella* Enteritidis and one case of *Salmonella* Hartford with two cases being undetermined. In March there was a serotype of Agbeni.
 - The CDC tracks 32 different *Salmonella* serotypes for data and antibiotic resistance, among other reasons.
 - One of our cases of *Salmonella* matches a multistate investigation of *Salmonella* serotype Enteritidis associated with backyard poultry.
 - CDC plans to publish an investigation notice regarding this year's backyard poultry outbreaks in the next week or two.
- We are still reporting cases of Pertussis within the community, more specifically the Amish population or vaccine hesitant population. These are not connected to our outbreak earlier this year but should be a reminder of how vulnerable this portion of our community is.



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