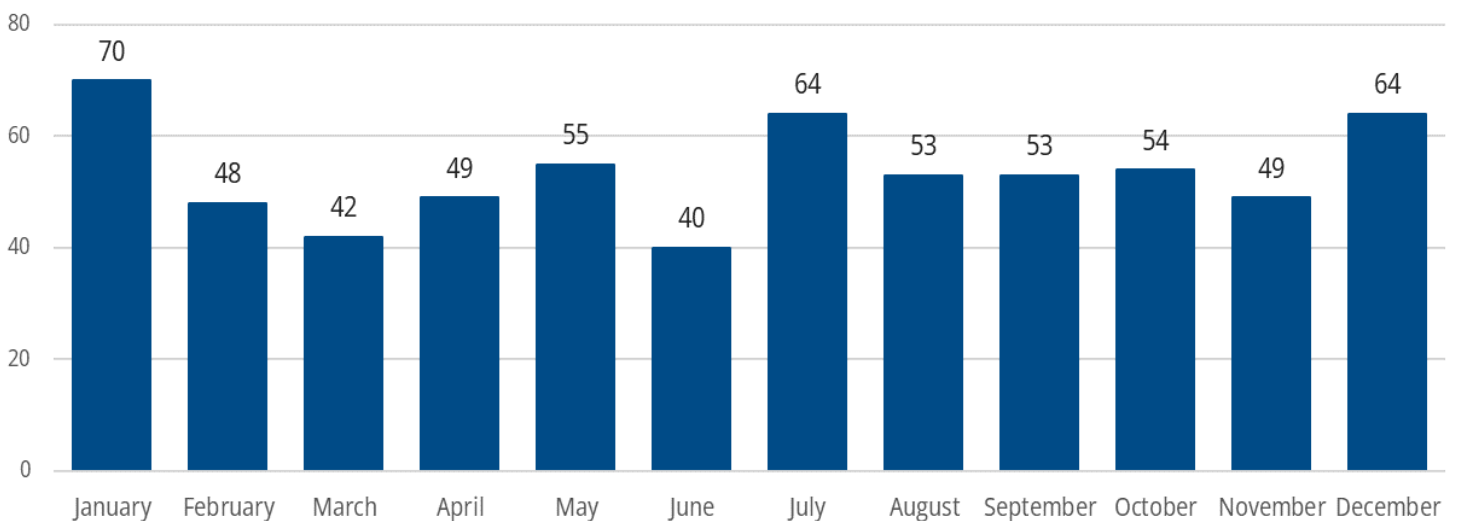


Key Findings

- In 2023, there were a total of 641 cases of reportable infectious diseases (excluding COVID-19) in Medina County, which is **below** the 2018-2022 average of 780 cases per year.
 - There were 5,066 reported COVID-19 cases and 200 hospitalizations in 2023 (Appendix A).
- The top 5 reportable infectious diseases were chlamydia, influenza-associated hospitalization, campylobacteriosis, gonococcal infection, and chronic hepatitis C.
 - There were 270 chlamydia cases, which is **below** the 2018-2022 average of 330 cases per year.
 - There were 61 influenza-associated hospitalizations, which is **below** the 2018-2022 average of 117 hospitalizations per year.
 - There were 50 campylobacteriosis cases, which is **above** the 2018-2022 average of 39 cases per year.
 - There were 47 gonococcal infection cases, which is **below** the 2018-2022 average of 76 cases per year.
 - There were 43 chronic hepatitis C cases which is **below** the 2018-2022 average of 67 cases per year.

January had the highest number of reportable infectious disease cases.

Figure 1. Number of Reportable Infectious Disease Cases among Medina County Residents by Month, 2023



January and December are among the months with the highest number of reportable infectious disease cases, in part due to influenza-associated hospitalizations that normally occur in the winter months. July also had a notably high number of cases, in part due to a spike in Lyme disease cases.

Overall Infectious Disease Summary

Table 1. Number of Reportable Infectious Disease Cases by Disease among Medina County Residents, 2023

Reportable Disease	2023 Cases	Historic 5-Year Average (2018-2022)	Difference
Chlamydia	270	330	-60
Influenza-associated hospitalization	61	117	-56
Campylobacteriosis	50	39	11
Gonococcal infection	47	76	-29
Hepatitis C - chronic	43	67	-24
Salmonellosis	30	23	7
Legionellosis	14	14	0
Lyme disease	14	4	10
Cryptosporidiosis	12	5	7
E. coli, Shiga toxin-producing	12	11	1
CPO (carbapenemase-producing organism)	11	5	6
Streptococcal - group A - invasive	11	8	3
Hepatitis B - chronic	10	8	2
Syphilis (early, primary, secondary, unknown duration or late)	10	7	3
Pertussis	6	6	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown/non-resistant	5	9	-4
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	5	2	3
Giardiasis	4	7	-3
Haemophilus influenzae (invasive disease)	4	2	2
HIV (human immunodeficiency virus)	4	3	1
Cyclosporiasis	3	1	2
Meningitis - aseptic/viral	3	5	-2
Shigellosis	3	3	0
Varicella	2	4	-2
Yersiniosis	2	3	-1
Hepatitis B - acute	1	2	-1
Hepatitis C - perinatal infection	1	0	1
Meningitis - bacterial	1	2	-1
Streptococcal - group B - in newborn	1	0	1
West Nile virus disease	1	0	1
Total	641	780*	-139
COVID-19	5,066		

There were 5 diseases that had a noteworthy decrease in the number of reported cases. There were 11 diseases that had a noteworthy increase in the number of reported cases.

The five most reported diseases in 2023 were Chlamydia (270 cases), Influenza-associated Hospitalization (61 cases), Campylobacteriosis (50 cases), Gonococcal Infection (47 cases), and Chronic Hepatitis C (43 cases). The top 5 diseases accounted for 74% of all cases in 2023.

Notes:

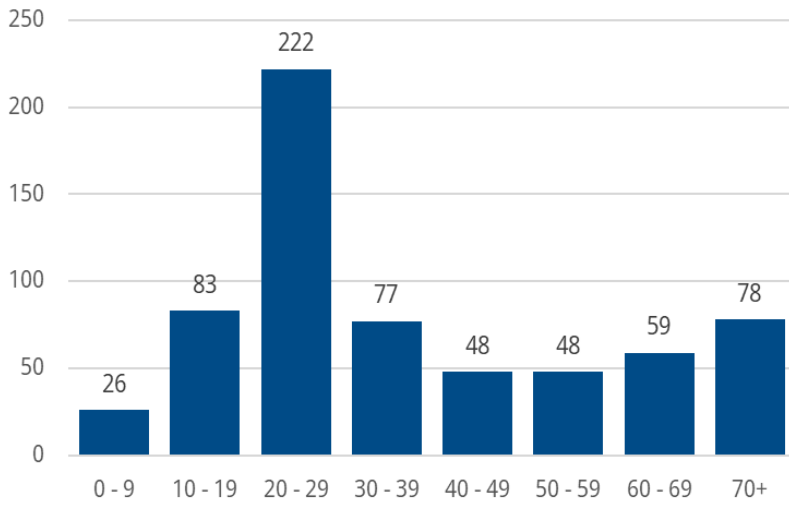
Counts in **red** denote a noteworthy increase (based on 1 standard deviation) from the historical average.

Counts in **green** denote a noteworthy decrease (based on 1 standard deviation) from the historical average.

*Total count for historic 5-year average includes reportable diseases not listed in table, that did not occur in 2023. All reportable diseases not included in Table 1 had 0 reported confirmed or probable cases in 2023. Please see the Ohio Administrative Code Chapter 3701-3 for a complete list of reportable diseases.

The age group **20-29 years** had the highest number of reportable infectious disease cases.

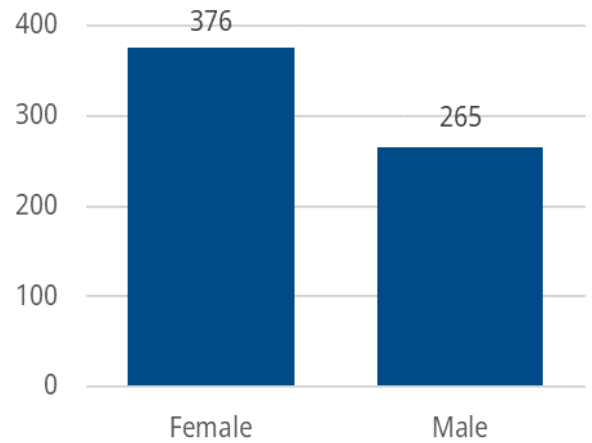
Figure 2. Number of Reportable Infectious Disease Cases among Medina County Residents by Age Group, 2023



The age group 20 - 29 years had the highest number of reportable infectious disease cases, in part due to a high number of chlamydia cases that occurred in this age group. The 60-69 and 70+ years age groups had a high number of influenza-associated hospitalizations.

Females had a higher number of reportable infectious disease cases.

Figure 3. Number of Reportable Infectious Disease Cases among Medina County Residents by Sex, 2023



Females had a higher number of infectious disease cases than males in 2023. Females accounted for 59% of all reportable infectious disease cases. For the overall county population, the number of females and males is approximately equal.³

Black and **Hispanic** individuals had the **highest rate** of reportable infectious disease cases.

Table 2. Number and Rate of Reportable Infectious Disease Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
Black	53	2,261
White	499	299
Other Race	41	314
Ethnicity		
Hispanic	18	392
Non-Hispanic	523	294

While White individuals had the highest number of infectious disease cases, Black individuals had the highest rate of cases based on population size. Similarly, non-Hispanic individuals had the highest number of cases but Hispanic individuals had a higher rate of infectious disease cases compared to non-Hispanic individuals.

Note: 48 cases had an unknown race and 100 cases had an unknown ethnicity. Rate calculated using 2020 Decennial Census population.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>
 3 - 2022 American Community Survey.

Zip code **44215 (Chippewa Lake)** had the highest rate of reportable infectious disease cases.

Table 3. Number and Rate of Reportable Infectious Disease Cases among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	<5	*
44090	Wellington	0	0
44203	Barberton	<5	*
44212	Brunswick	173	378
44214	Burbank	<5	*
44215	Chippewa Lake	14	612
44217	Creston	<5	*
44230	Doylestown	0	0
44233	Hinckley	19	237
44235	Homer	8	*
44251	Westfield Center	<5	*
44253	Litchfield	18	587
44254	Lodi	12	251
44256	Medina	210	324
44270	Rittman	<5	*
44273	Seville	22	322
44274	Sharon Center	0	0
44275	Spencer	12	381
44276	Sterling	0	0
44280	Valley City	20	380
44281	Wadsworth	122	369
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	639	349

The overall rate of reportable infectious disease cases in 2023 for Medina County was 349 per 100,000 population (excluding COVID-19).

The zip codes with the highest number of infectious disease cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

44215 (Chippewa Lake) had the highest rate of infectious disease cases based on population size, followed by 44253 (Litchfield).

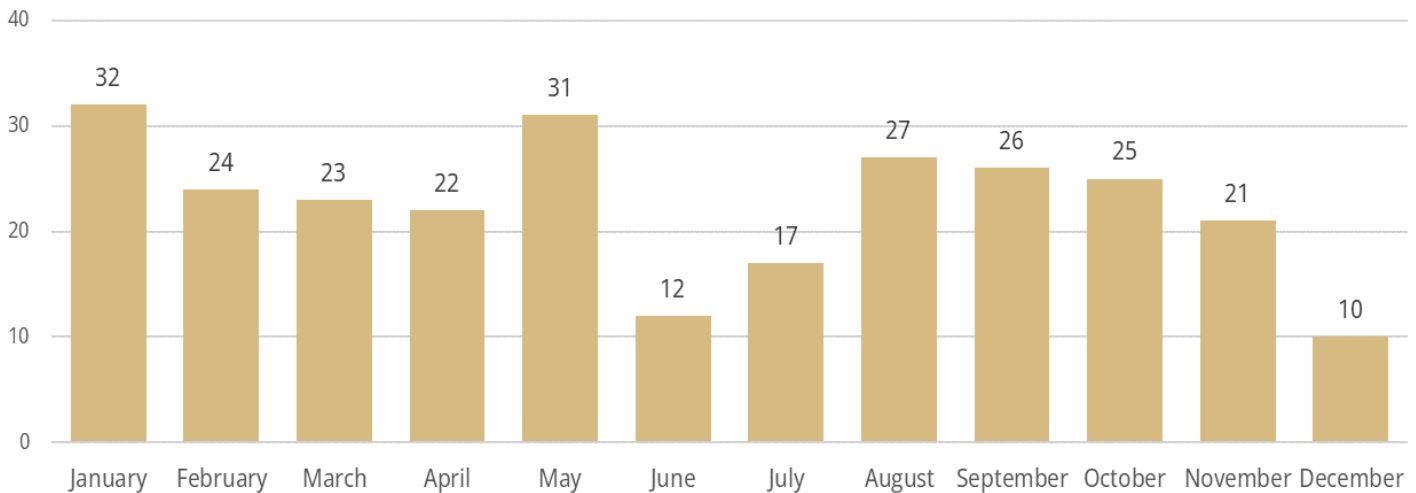
Note. 1 case had an unknown zip code. Rate calculated using 2020 Decennial Census partial population for the portion of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

Chlamydia Summary

- In 2023, there were a total of 270 chlamydia cases in Medina County.
- The rate of chlamydia cases in Medina County was 147 per 100,000 population in 2023. The Medina County rate is lower than the Ohio rate of 463 per 100,000 population in 2022.⁴

January had the highest number of chlamydia cases.

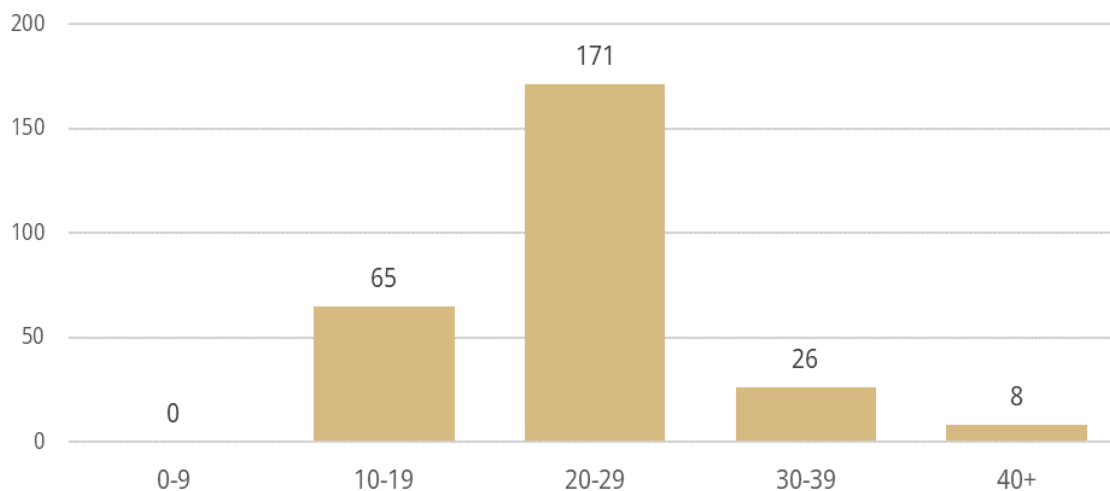
Figure 4. Number of Reported Chlamydia Cases among Medina County Residents by Month, 2023



Chlamydia cases were highest in the month of January in 2023, followed closely by May. Chlamydia cases were lowest in the months of June and December.

The age group 20-29 years had the highest number of chlamydia cases.

Figure 5. Number of Reported Chlamydia Cases among Medina County Residents by Age Group, 2023



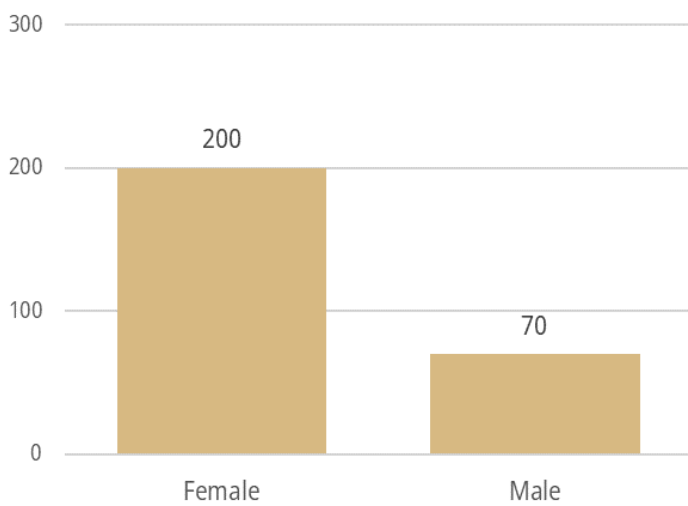
Chlamydia cases were highest in the 20-29 years age group, followed by the 10-19 years age group. The 0-9 years age group had 0 chlamydia cases.

1 - Ohio Disease Reporting System (ODRS).

4 - Centers for Disease Control and Prevention. Sexually Transmitted Infections Surveillance, 2022.

Females had the highest number of chlamydia cases.

Figure 6. Number of Reported Chlamydia Cases among Medina County Residents by Sex, 2023



Females had a higher number of chlamydia cases than males in 2023, accounting for 74% of all chlamydia cases.

Black and **Hispanic** individuals had the **highest rate** of chlamydia cases.

Table 4. Number and Rate of Reportable Infectious Disease Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
Black	38	1,621
White	175	105
Other Race	27	207
Ethnicity		
Hispanic	12	261
Non-Hispanic	206	116

White individuals had the highest number of chlamydia cases. However, Black individuals had the highest rate of cases based on population size. Similarly, non-Hispanic individuals had the highest number of cases but Hispanic individuals had a higher rate of chlamydia cases compared to non-Hispanic individuals.

Note: 30 cases had an unknown race and 52 cases had an unknown ethnicity. Rate calculated using 2020 Decennial Census population.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>

Zip code **44212 (Brunswick)** had the highest rate of chlamydia cases.

Table 5. Number and Rate of Reported Chlamydia Cases among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	0	0
44090	Wellington	0	0
44203	Barberton	0	0
44212	Brunswick	86	188
44214	Burbank	0	0
44215	Chippewa Lake	5	*
44217	Creston	0	0
44230	Doylestown	0	0
44233	Hinckley	5	*
44235	Homer	<5	*
44251	Westfield Center	<5	*
44253	Litchfield	8	*
44254	Lodi	<5	*
44256	Medina	92	142
44270	Rittman	0	0
44273	Seville	5	*
44274	Sharon Center	0	0
44275	Spencer	<5	*
44276	Sterling	0	0
44280	Valley City	5	*
44281	Wadsworth	54	164
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	270	147

The total rate of chlamydia cases in 2023 for Medina County was 147 per 100,000 population.

The zip codes with the highest number of chlamydia cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

44212 (Brunswick) had the highest rate of chlamydia cases of the three zip codes with the largest number of cases.

Note. 1 case had an unknown zip code. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

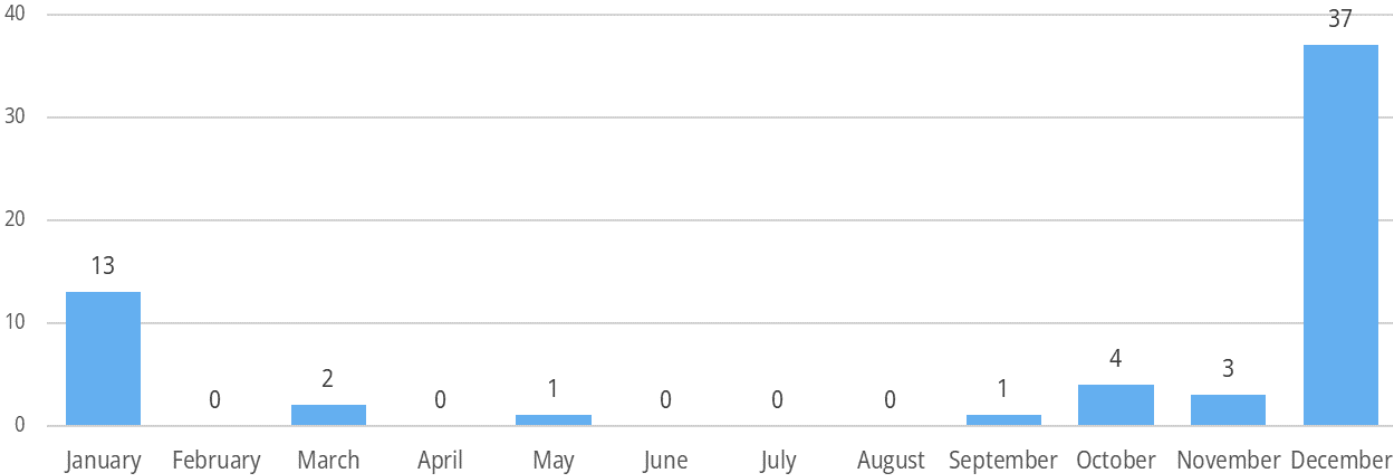
1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>
 3 - 2022 American Community Survey. <https://data.census.gov/>

Influenza-Associated Hospitalizations Summary

- In 2023, there were 61 influenza-associated hospitalizations in Medina County.
- The rate of influenza-associated hospitalization in Medina County was 33.2 per 100,000 population in 2023. The Medina County rate is slightly lower than the Ohio rate of 34.0 per 100,000 population in 2023.⁵

December had the highest number of influenza-associated hospitalizations.

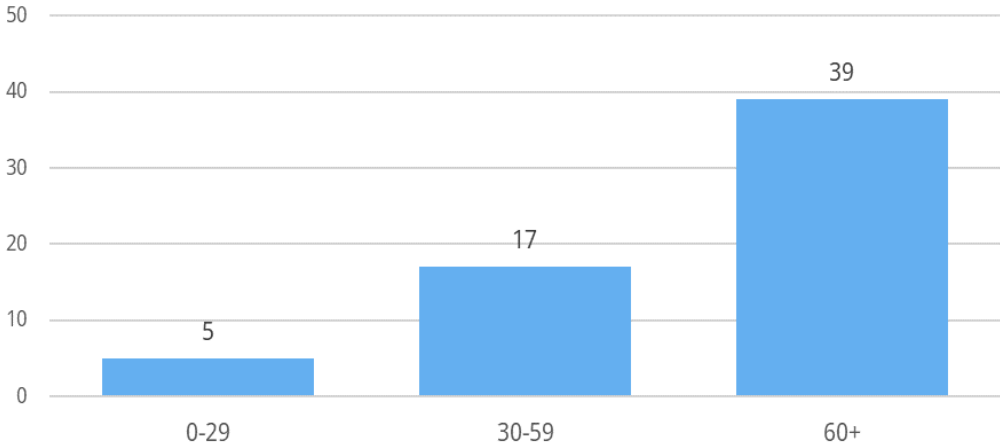
Figure 7. Number of Reported Influenza-Associated Hospitalizations among Medina County Residents by Month, 2023



The winter months of January and December had the highest number of influenza-associated hospitalizations with 13 cases in January and 37 cases in December. Between February and September there were a total of 4 influenza-associated hospitalizations.

The age group **60+ years** had the highest number of influenza-associated hospitalizations.

Figure 8. Number of Reported Influenza-Associated Hospitalizations among Medina County Residents by Age Group, 2023

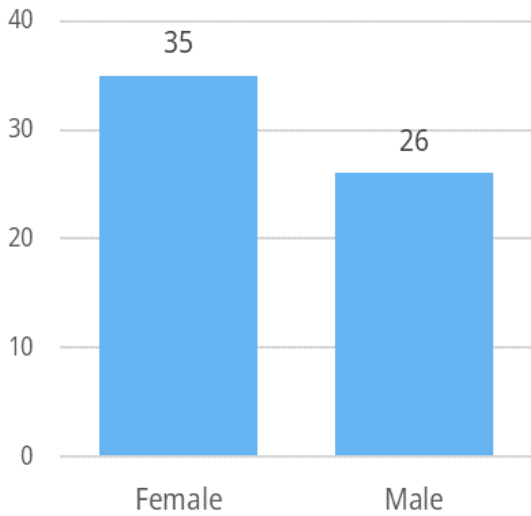


Generally, influenza-associated hospitalizations increased as age group increased. The 60+ years age group had the highest number of influenza-associated hospitalizations. The 0-29 years age group had 5 influenza-associated hospitalizations.

1 - Ohio Disease Reporting System (ODRS).
5 - EpiCenter. Operated by Health Monitoring.

Females had the highest number of influenza-associated hospitalizations.

Figure 9. Number of Reported Influenza-Associated Hospitalizations among Medina County Residents by Sex, 2023



Females had a higher number of influenza-associated hospitalizations than males in 2023. Males accounted for 43% of influenza-associated hospitalizations and females accounted for 57% of influenza-associated hospitalizations.

White and **Non-Hispanic** individuals had the highest number of influenza-associated hospitalizations.

Table 6. Number and Rate of Reported Influenza-Associated Hospitalizations among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
White	59	35.3
Other Race	<5	*
Ethnicity		
Hispanic	<5	*
Non-Hispanic	48	27.0

White individuals had the highest number of influenza-associated hospitalizations with a rate of 35.3 per 100,000 population. Less than 5 individuals of a race other than White were reported to be hospitalized for influenza. Non-Hispanic individuals had the highest number of cases with a rate of 27.0 per 100,000 cases. Less than 5 Hispanic individuals were reported to be hospitalized for influenza.

Note: 12 cases had an unknown ethnicity. Rates calculated using 2020 Decennial Census population. *Rates may be unstable when case counts <10 and were not calculated.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>

Zip code **44256 (Medina)** had the highest rate of influenza-associated hospitalizations.

Table 7. Number and Rate of Influenza-associated Hospitalizations among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	0	0
44090	Wellington	0	0
44203	Barberton	0	0
44212	Brunswick	11	24.0
44214	Burbank	0	0
44215	Chippewa Lake	<5	*
44217	Creston	<5	*
44230	Doylestown	0	0
44233	Hinckley	<5	*
44235	Homer	<5	*
44251	Westfield Center	0	0
44253	Litchfield	0	0
44254	Lodi	<5	*
44256	Medina	22	34.0
44270	Rittman	0	0
44273	Seville	5	*
44274	Sharon Center	0	0
44275	Spencer	<5	*
44276	Sterling	0	0
44280	Valley City	<5	*
44281	Wadsworth	10	30.3
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	61	33.2

The total rate of influenza-associated hospitalization cases in 2023 for Medina County was 33.2 per 100,000 population.

The zip codes with the highest number of influenza-associated hospitalizations were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

Of the zip codes with the highest number of cases, 44256 (Medina) had the highest rate of influenza-associated hospitalizations.

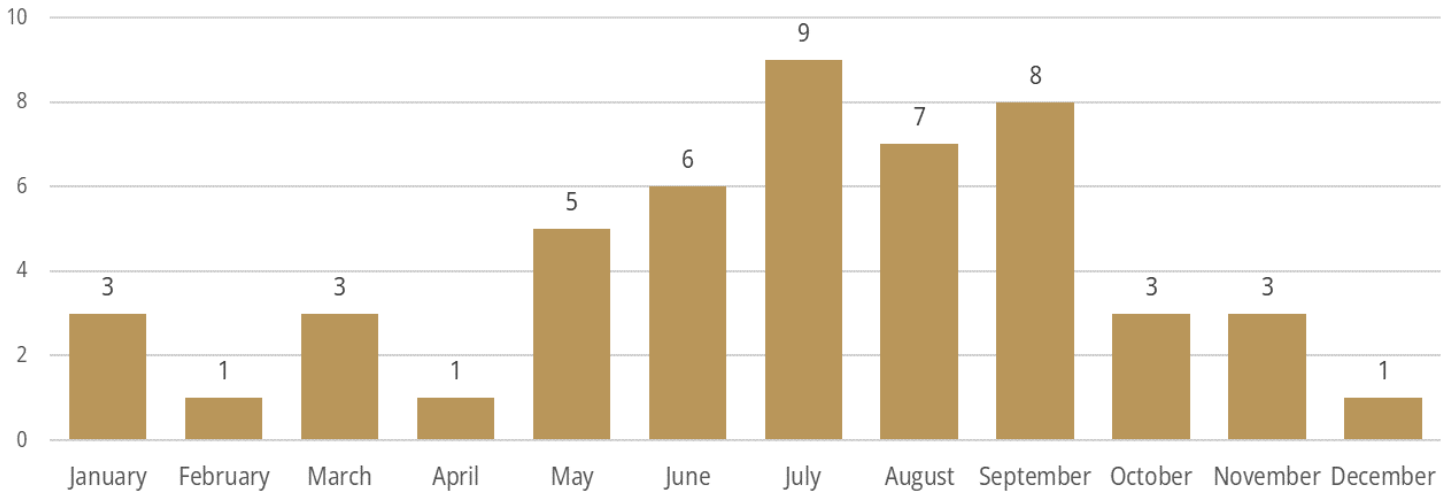
Note. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

Campylobacteriosis Summary

- In 2023, there were 50 reported cases of campylobacteriosis in Medina County.
- The rate of campylobacteriosis cases in Medina County was 27.2 per 100,000 population in 2023. The Medina County rate is higher than the Ohio rate of 21.8 per 100,000 population in 2023.⁶

The majority of campylobacteriosis cases occurred between **May and September**.

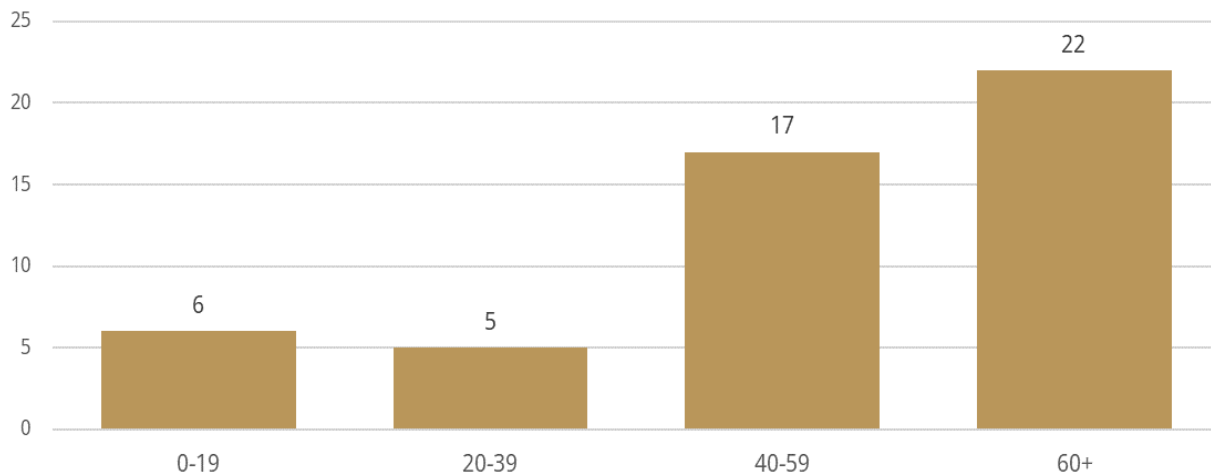
Figure 10. Number of Reported Campylobacteriosis Cases among Medina County Residents by Month, 2023



May through September had the highest number of Campylobacteriosis cases with July as the month with the highest number of cases in 2023. February, April, and December each had 1 case of Campylobacteriosis.

The age group **60+ years** had the highest number of campylobacteriosis cases.

Figure 11. Number of Reported Campylobacteriosis Cases among Medina County Residents by Age Group, 2023



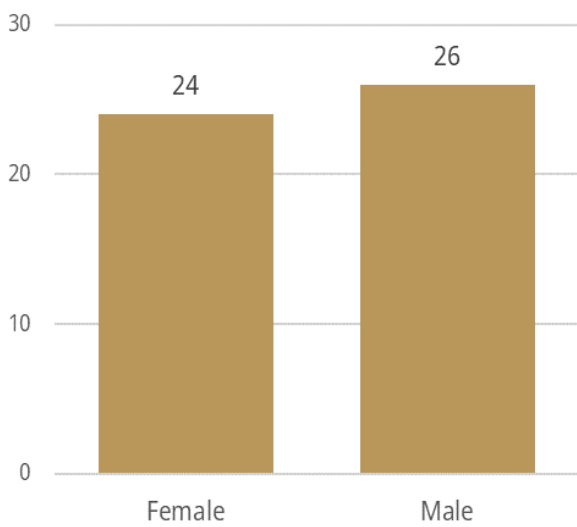
The highest number of campylobacteriosis cases were in the 60+ years age group, followed by the 40-59 years age group. The 0-19 and 20-39 years age groups both had less than 10 cases.

1 - Ohio Disease Reporting System (ODRS).

6 - Ohio Summary of Infectious Diseases. <https://data.ohio.gov/>

Males had the highest number of campylobacteriosis cases.

Figure 12. Number of Reported Campylobacteriosis Cases among Medina County Residents by Sex, 2023



Males had a higher number of campylobacteriosis cases than females in 2023. Females accounted for 48% of campylobacteriosis cases.

White and **Non-Hispanic** individuals had the highest number of campylobacteriosis cases.

Table 8. Number and Rate of Reported Campylobacteriosis Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
White	45	26.9
Other Race	5	*
Ethnicity		
Hispanic	<5	*
Non-Hispanic	45	25.3

White individuals had the highest number of campylobacteriosis cases in 2023 with a rate of 26.9 per 100,000 population. Individuals of another race had 5 cases of campylobacteriosis. Non-Hispanic individuals had the highest number of campylobacteriosis cases with a rate of 25.3 per 100,000 population. There were less than 5 cases of reported campylobacteriosis among Hispanic individuals.

Note: 2 cases had an unknown ethnicity. Rates calculated using 2020 Decennial Census population. *Rates may be unstable when case counts <10 and were not calculated.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>

Zip code **44212 (Brunswick)** had the highest rate of campylobacteriosis cases.

Table 9. Number and Rate of Reported Campylobacteriosis Cases among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	0	0
44090	Wellington	0	0
44203	Barberton	0	0
44212	Brunswick	13	28.4
44214	Burbank	0	0
44215	Chippewa Lake	<5	*
44217	Creston	<5	*
44230	Doylestown	0	0
44233	Hinckley	7	*
44235	Homer	0	0
44251	Westfield Center	0	0
44253	Litchfield	0	0
44254	Lodi	<5	*
44256	Medina	10	15.4
44270	Rittman	<5	*
44273	Seville	<5	*
44274	Sharon Center	0	0
44275	Spencer	<5	*
44276	Sterling	0	0
44280	Valley City	<5	*
44281	Wadsworth	7	*
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	50	27.2

The total rate of campylobacteriosis cases in 2023 for Medina County was 27.2 per 100,000 population.

The zip codes with the highest number of campylobacteriosis cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

Of the zip codes with 10 or more cases, 44212 (Brunswick) had the highest rate of campylobacteriosis cases.

Note. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

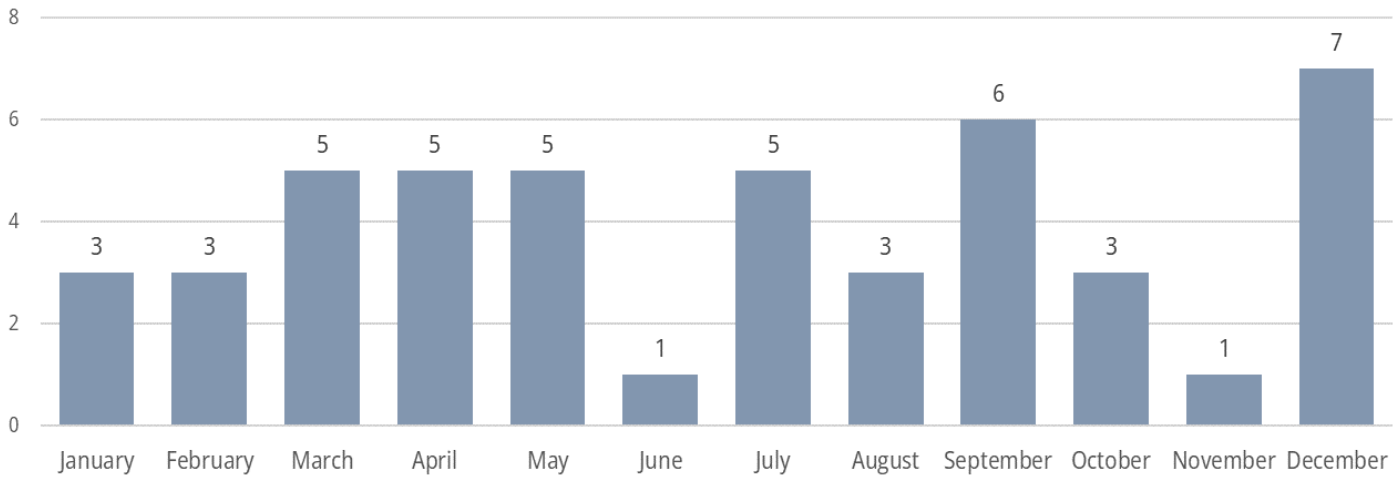
1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>
 3 - 2022 American Community Survey. <https://data.census.gov/>

Gonococcal Infection Summary

- In 2023, there were 47 reported cases of gonococcal infection in Medina County.
- The rate of gonococcal infection cases in Medina County was 25.6 per 100,000 population in 2023. The Medina County rate is lower than the 2022 Ohio rate of 195 per 100,000 population.⁴

December had the highest number of gonococcal infection cases.

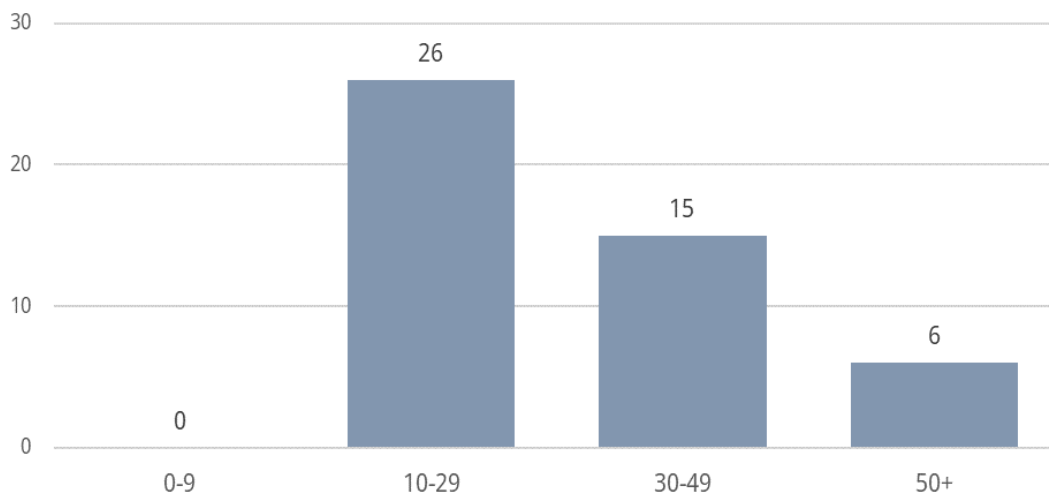
Figure 13. Number of Reported Gonococcal Infection Cases among Medina County Residents by Month, 2023



The month with the highest number of gonococcal infection cases was December with 7 cases. June and November had the lowest number of cases with 1 case each.

The age group **10-29 years** had the highest number of gonococcal infection cases.

Figure 14. Number of Reported Gonococcal Infection Cases among Medina County Residents by Age Group, 2023



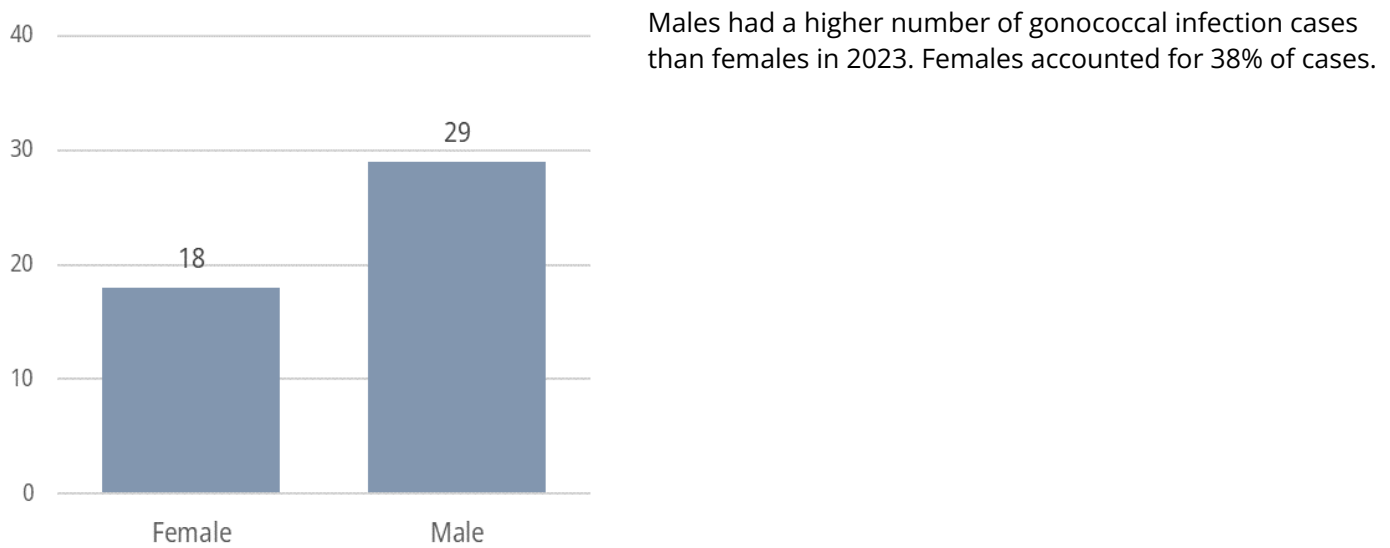
The majority of gonococcal infection cases were in the 10-29 years age group. Within the 10-29 years age group, the majority of cases were between 20-29 years of age.

1 - Ohio Disease Reporting System (ODRS).

4 - Centers for Disease Control and Prevention. Sexually Transmitted Infections Surveillance, 2022.

Males had the highest number of gonococcal infection cases.

Figure 15. Number of Reported Gonococcal Infection Cases among Medina County Residents by Sex, 2023



White and **Non-Hispanic** individuals had the highest number of gonococcal infection cases.

Table 10. Number of Reported Gonococcal Infection Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
White	32	19.3
Other Race	6	*
Ethnicity		
Hispanic	0	0
Non-Hispanic	34	19.1

White individuals had the highest number of gonococcal infection cases and a rate of 19.3 cases per 100,000 population. Non-Hispanic individuals had 34 cases with a rate of 19.1 per 100,000 population. Hispanic individuals had 0 reported cases of gonococcal infection.

Note: 9 cases missing race information. 13 cases missing ethnicity information. Rates calculated using 2020 Decennial Census population. *Rates may be unstable when case counts <10 and were not calculated.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>

Zip code **44212 (Brunswick)** had the highest rate of gonococcal infection cases.

Table 11. Number and Rate of Reported Gonococcal Infection Cases among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	0	0
44090	Wellington	0	0
44203	Barberton	0	0
44212	Brunswick	15	32.8
44214	Burbank	0	0
44215	Chippewa Lake	0	0
44217	Creston	0	0
44230	Doylestown	0	0
44233	Hinckley	0	0
44235	Homer	0	0
44251	Westfield Center	0	0
44253	Litchfield	0	0
44254	Lodi	<5	*
44256	Medina	19	29.3
44270	Rittman	0	0
44273	Seville	<5	*
44274	Sharon Center	0	0
44275	Spencer	<5	*
44276	Sterling	0	0
44280	Valley City	0	0
44281	Wadsworth	9	*
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	47	25.6

The total rate of gonococcal infection cases in 2023 for Medina County was 25.6 per 100,000 population.

The zip codes with the highest number of gonococcal infection cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

Of the zip codes with case counts above 10, 44212 (Brunswick) had the highest rate of gonococcal infection cases.

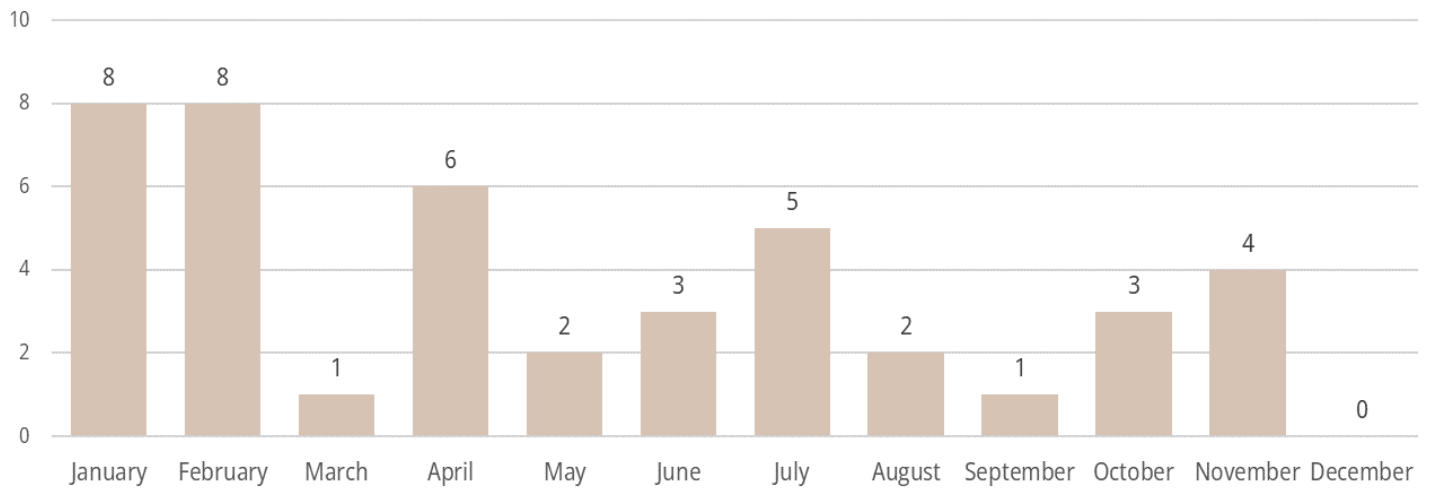
Note. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

Chronic Hepatitis C Summary

- In 2023, there were 43 reported cases of chronic hepatitis C in Medina County.
- The rate of chronic hepatitis C cases in Medina County was 23.4 per 100,000 population in 2023. The Medina County rate is lower than the 2021 Ohio rate of 56.5 per 100,000 population.⁷

January and **February** had the highest number of chronic hepatitis C cases.

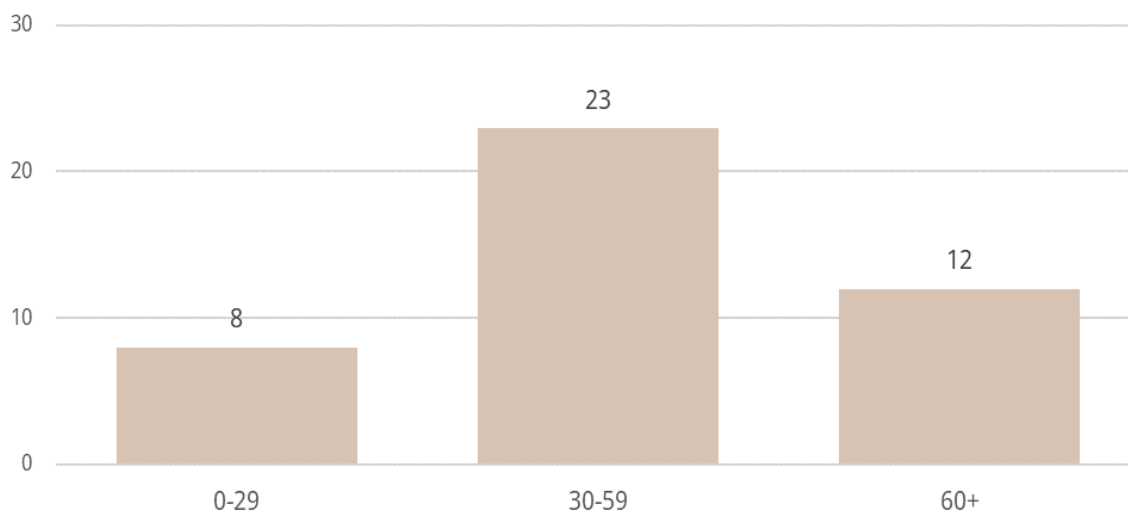
Figure 16. Number of Reported Chronic Hepatitis C Cases among Medina County Residents by Month, 2023



The months with the highest number of chronic hepatitis C cases were January and February with 8 cases each. December was the lowest month with 0 reported cases.

The age group **30-59 years** had the highest number of chronic hepatitis C cases.

Figure 17. Number of Reported Chronic Hepatitis C Cases among Medina County Residents by Age Group, 2023



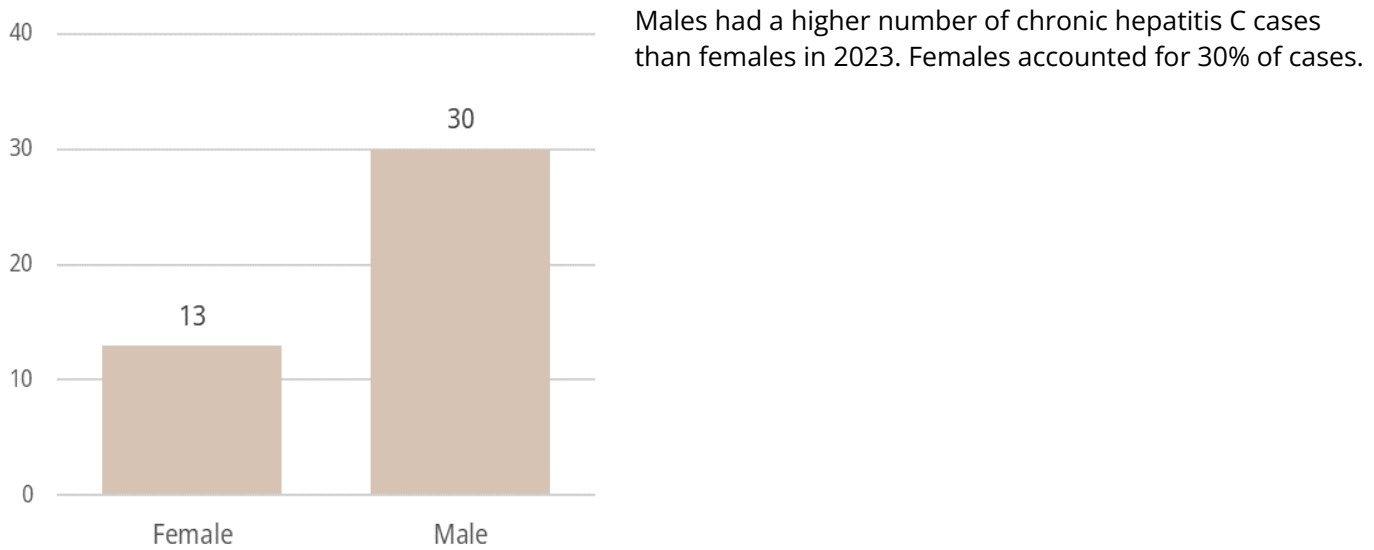
The majority of chronic hepatitis C cases were in the 30-59 years age group. The age group 0-29 years had the lowest number of cases.

1 - Ohio Disease Reporting System (ODRS).

7 - Centers for Disease Control and Prevention. Viral Hepatitis Surveillance - United States, 2021.

Males had the highest number of chronic hepatitis C cases.

Figure 18. Number of Reported Chronic Hepatitis C Cases among Medina County Residents by Sex, 2023



White and **Non-Hispanic** individuals had the highest number of chronic hepatitis C cases.

Table 12. Number of Reported Chronic Hepatitis C Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Rate per 100,000 Population
White	33	19.9
Other Race	5	*
Ethnicity		
Hispanic	0	0
Non-Hispanic	33	18.6

White individuals had the highest number of chronic hepatitis C cases and a rate of 19.9 cases per 100,000 population. Non-Hispanic individuals had 33 cases with a rate of 18.6 per 100,000 population and Hispanic individuals had 0 reported cases of chronic hepatitis C.

Note: 5 cases had an unknown race. 10 cases with an unknown ethnicity. Rates calculated using 2020 Decennial Census. *Rates may be unstable when case counts <10 and were not calculated.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>

Zip code **44281 (Wadsworth)** had the highest rate of chronic hepatitis C cases.

Table 13. Number and Rate of Reported Chronic Hepatitis C Cases among Medina County Residents by Zip Code, 2023

Zip Code	Description	Cases	Rate per 100,000 Population
44028	Columbia Station	0	0
44090	Wellington	0	0
44203	Barberton	<5	*
44212	Brunswick	12	26.2
44214	Burbank	0	0
44215	Chippewa Lake	<5	*
44217	Creston	0	0
44230	Doylestown	0	0
44233	Hinckley	0	0
44235	Homer	0	0
44251	Westfield Center	0	0
44253	Litchfield	<5	*
44254	Lodi	<5	*
44256	Medina	16	24.7
44270	Rittman	0	0
44273	Seville	<5	*
44274	Sharon Center	0	0
44275	Spencer	0	0
44276	Sterling	0	0
44280	Valley City	0	0
44281	Wadsworth	10	30.3
44287	West Salem	0	0
44321	Copley	0	0
44333	Fairlawn	0	0
44880	Sullivan	0	0
Total	Medina County	43	23.4

The total rate of chronic hepatitis C cases in 2023 for Medina County was 23.4 per 100,000 population.

The zip codes with the highest number of chronic hepatitis C cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

Of the zip codes with the highest number of cases, 44281 (Wadsworth) had the highest rate of Chronic Hepatitis C cases.

Note. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

1 - Ohio Disease Reporting System (ODRS).
 2 - 2020 Decennial Census. <https://data.census.gov/>
 3 - 2022 American Community Survey. <https://data.census.gov/>

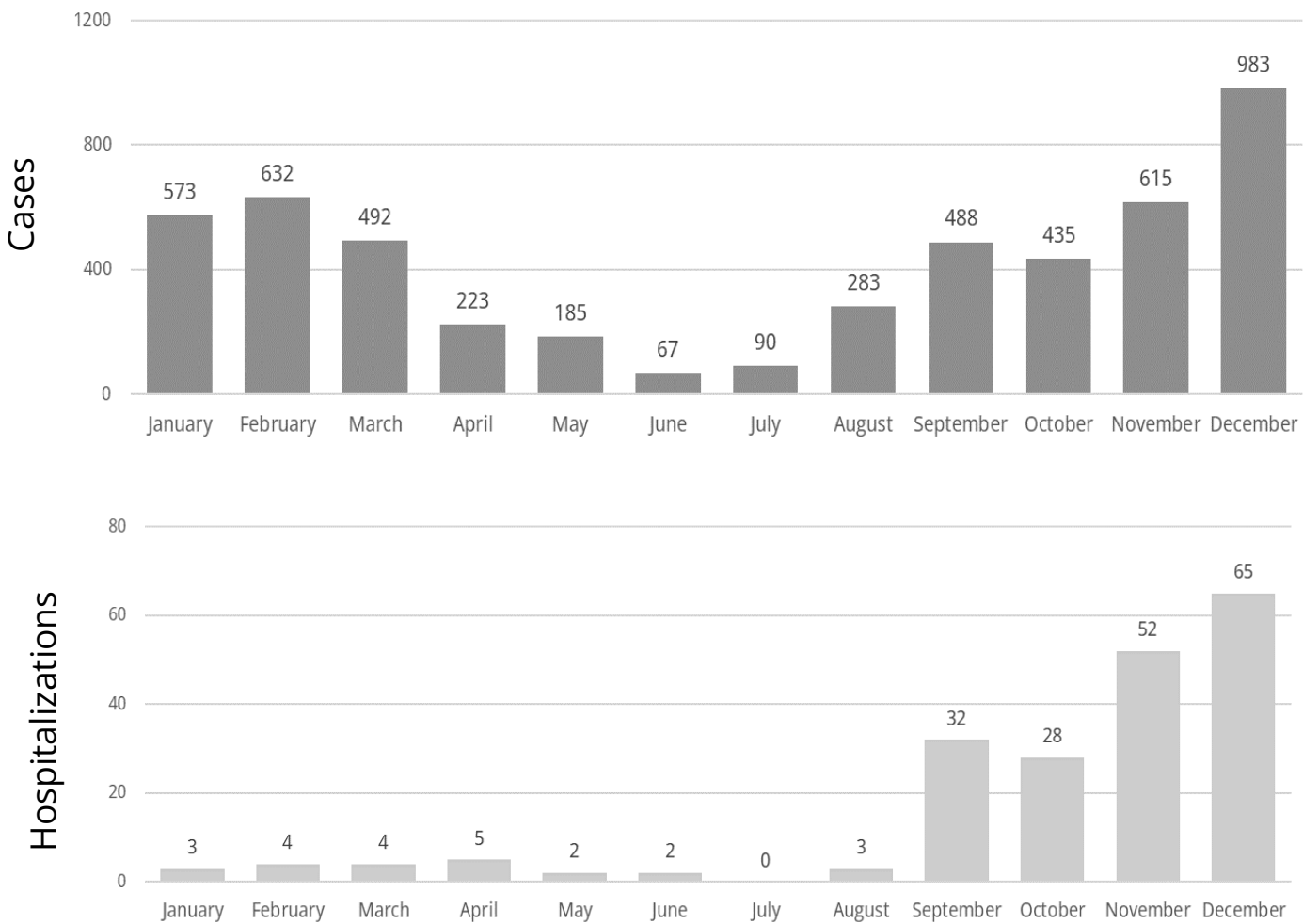
Appendix A: COVID-19 Summary

Key Findings

- In 2023, there were a total of 5,066 reported COVID-19 (Coronavirus Disease 2019) cases of which 200 were hospitalized.
- There were 23 deaths with COVID-19 as a primary cause of death in 2023.⁸
- December had the highest number of COVID-19 cases (983) and hospitalizations (65).
- Individuals in the 60+ years age group accounted for the majority of cases (2,087) and hospitalizations (182).
- Black individuals had the highest rate of COVID-19 cases (4,096 per 100,000 population) while White individuals had the highest number of cases (3,962).

December had the highest number of COVID-19 cases and hospitalizations.

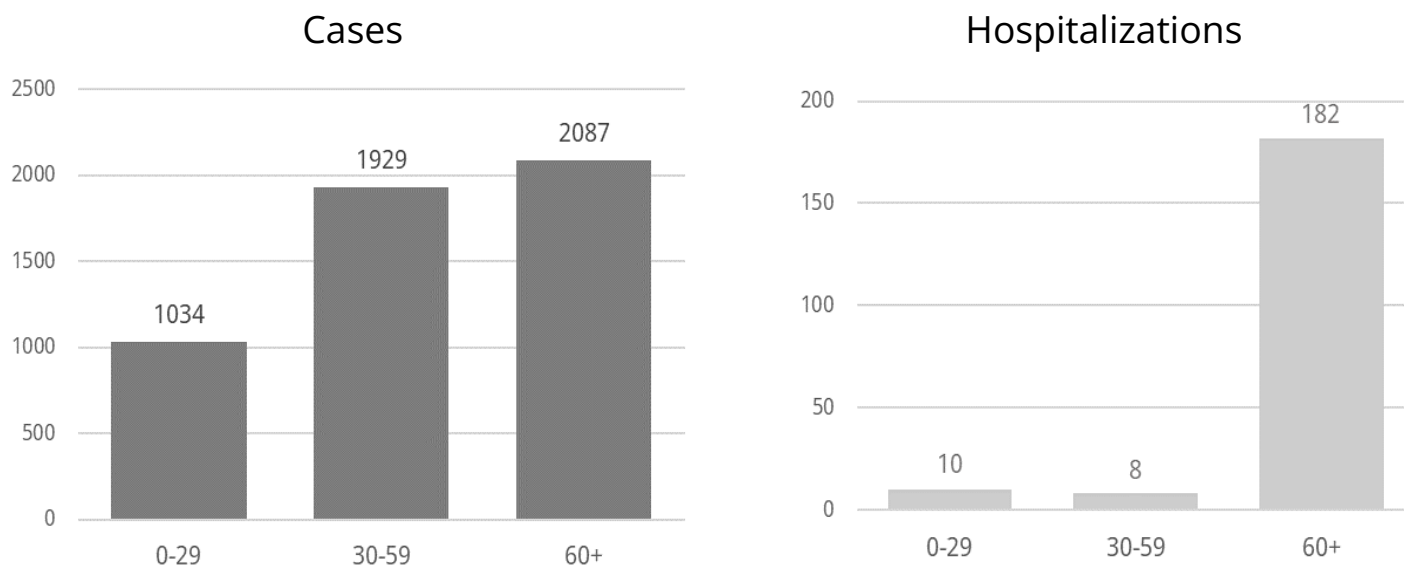
Figure 1A. Number of Reported COVID-19 Cases and Hospitalizations among Medina County Residents by Month, 2023



December had the highest number of COVID-19 cases. Of the 983 cases in December, 65 were reported to be hospitalized for COVID-19. The summer months of June and July had the lowest number of COVID-19 cases.

The age group **60+ years** had the highest number of reported COVID-19 cases and hospitalizations.

Figure 2A. Number of Reported COVID-19 Cases and Hospitalizations among Medina County Residents by Age Group, 2023

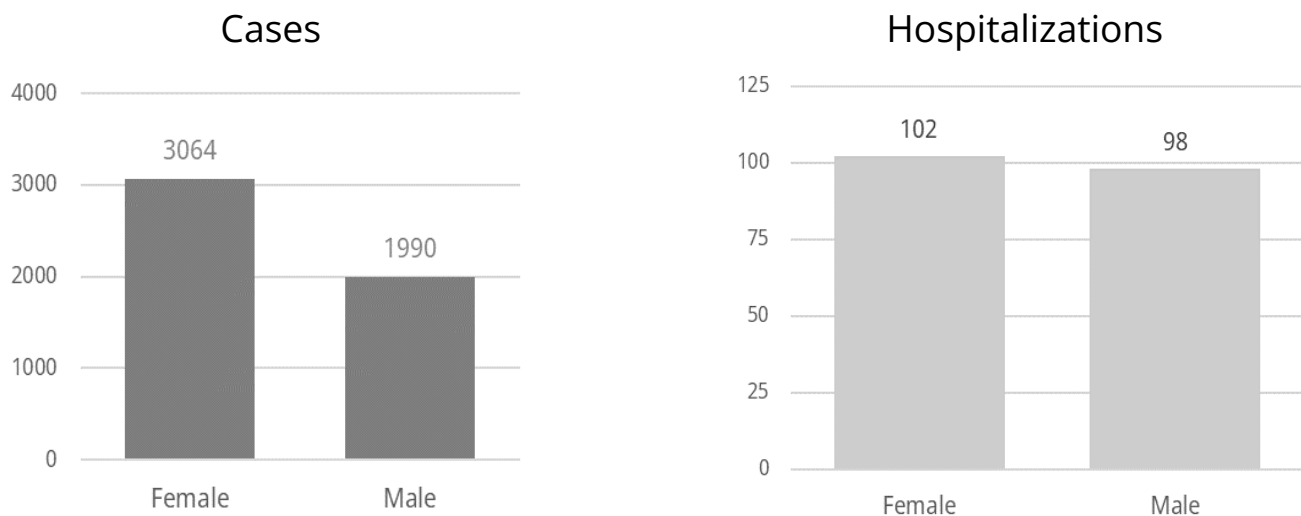


The majority of COVID-19 cases and hospitalizations were in the 60+ years age group. The age group 0-29 years had the lowest number of reported COVID-19 cases. The age group 0-29 years and 30-59 years both had 10 or less hospitalizations.

Note: 16 cases had an unknown age.

Females had the highest number of COVID-19 cases. However, females and males had a similar number of COVID-19 hospitalizations.

Figure 3A. Number of Reported COVID-19 Cases and Hospitalizations among Medina County Residents by Sex, 2023



Females had 3,064 reported COVID-19 cases of which 102 were reported to be hospitalized for COVID-19. Males had 1,990 reported COVID-19 cases of which 98 were reported to be hospitalized for COVID-19.

Note: 12 cases had an unknown sex.

Black and Non-Hispanic individuals had the highest rate of COVID-19 cases.

Table 1A. Number and Rate of COVID-19 Cases among Medina County Residents by Race and Ethnicity, 2023

Race	Number of Cases	Case Rate per 100,000 Population	Number of Hospitalizations	Hospitalization Rate per 100,000 Population
Black	96	4,096	<5	*
Asian	51	2,306	0	0
White	3,962	2,371	196	117
Other Race(s)	205	1,893	<5	*
Ethnicity				
Hispanic	69	1,503	0	0
Non-Hispanic	3,987	2,241	193	109

While White individuals had the highest number of COVID-19 cases, Black individuals had the highest rate of cases based on population size. Non-Hispanic individuals had the highest number and the highest rate of COVID-19 cases. The majority of reported COVID-19 hospitalizations were White and non-Hispanic.

Note: 752 cases had an unknown race and 1,010 cases had an unknown ethnicity. 7 hospitalized individuals had an unknown ethnicity. Rates calculated using 2020 Decennial Census. *Rates may be unstable when case counts <10 and were not calculated.

Zip code **44230 (Doylestown)** had the highest rate of COVID-19 cases.

Table 2A. Number and Rate of COVID-19 Cases and Hospitalizations among Medina County Residents by Zip Code, 2023

Zip Code	Description	Number of Cases	Case Rate per 100,000 Population	Number of Hospitalizations	Hospitalization Rate per 100,000 Population
44028	Columbia Station	0	0	0	0
44090	Wellington	<5	*	0	0
44203	Barberton	5	*	0	0
44212	Brunswick	1,511	3,300	51	111
44214	Burbank	5	*	0	0
44215	Chippewa Lake	50	2,180	5	*
44217	Creston	<5	*	0	0
44230	Doylestown	13	3,380	0	0
44233	Hinckley	219	2,730	7	*
44235	Homer	18	938	<5	*
44251	Westfield Center	27	2,900	0	0
44253	Litchfield	68	2,220	<5	*
44254	Lodi	119	2,490	<5	*
44256	Medina	1,742	2,690	79	122
44270	Rittman	8	*	0	0
44273	Seville	141	2,060	7	*
44274	Sharon Center	<5	*	0	0
44275	Spencer	59	1,870	<5	0
44276	Sterling	0	0	0	0
44280	Valley City	147	2,800	8	*
44281	Wadsworth	848	2,570	29	87.8
44287	West Salem	5	*	<5	*
44321	Copley	0	0	0	0
44333	Fairlawn	5	*	0	0
44880	Sullivan	<5	*	0	0
Total	Medina County	5,066	2,761	200	109

The total rate of reported COVID-19 cases in 2023 for Medina County was 2,761 per 100,000 population. The total rate of hospitalizations was 109 per 100,000 population.

The zip codes with the highest number of COVID-19 cases were 44256 (Medina), 44212 (Brunswick), and 44281 (Wadsworth). These zip codes also have the largest populations in Medina County.

A small portion of zip code 44230 (Doylestown) falls within Medina County and had the highest rate of COVID-19 cases. 44212 (Brunswick) had the second highest rate of COVID-19 cases.

Zip code 44256 (Medina) had the highest number of hospitalizations and the highest rate of hospitalizations for the zip codes whose rate could be calculated.

Note. 66 cases had an unknown zip code. Rate calculated using 2020 Decennial Census partial population for the part of the zip code that falls within Medina County. 2022 American Community Survey population estimate used for total county rate calculation. *Rates may be unstable when case counts <10 and were not calculated.

Methods

Communicable Disease data was obtained on 4/15/2024 from the Ohio Disease Reporting System (ODRS). Date of case was determined based on the event date field. Cases included in this report were classified as confirmed or probable, were a resident of Medina County, and were reported to the Medina County Health Department. An update was made to the Lyme disease cases on 7/29/2024 due to late reports of 2 cases with an illness onset in 2023.

This report lists the number of cases by month of event date, sex, race, ethnicity, age, and zip code for all notifiable diseases and the top 5 reported notifiable diseases. This report also provides rates per 100,000. For rates calculated by zip code, a partial population including only Medina County residents was used from the 2020 Decennial Census. Overall county rates were calculated using the 2022 American Community Survey population estimate.

COVID-19 was excluded from the main report and is included as an appendix. COVID-19 data extracted from ODRS on 4/24/2024.

Ohio rate for influenza-associated hospitalizations was calculated by querying the number of influenza-associated hospitalizations for Ohio in EpiCenter. Rate calculated using 2022 American Community Survey population estimate for Ohio. Ohio rate for campylobacteriosis was calculated by querying the number of campylobacteriosis cases in 2023 from the Ohio Summary of Infectious Diseases dashboard. Rate calculated using 2022 American Community Survey population estimate for Ohio.

All data is subject to change.

ODRS is a secure online database housed by the Ohio Department of Health. Ohio Administrative Code 3701-3 requires health care providers to report communicable diseases. Local health departments are mandated by Ohio Revised Code to conduct communicable disease investigation.

Data Sources

- 1 - Ohio Disease Reporting System (ODRS).
- 2 - 2020 Decennial Census. <https://data.census.gov/>
- 3 - 2022 American Community Survey. <https://data.census.gov/>
- 4 - Centers for Disease Control and Prevention. Sexually Transmitted Infections Surveillance, 2022. <https://www.cdc.gov/std/statistics/2022/tables/2.htm>
- 5 - Epicenter. Operated by Health Monitoring.
- 6 - Ohio Summary of Infectious Diseases. <https://data.ohio.gov/wps/portal/gov/data/view/summary-of-infectious-diseases-in-ohio>
- 7 - Centers for Disease Control and Prevention. Viral Hepatitis Surveillance - United States, 2021. <https://www.cdc.gov/hepatitis/statistics/2021surveillance/hepatitis-c/table-3.5.htm>
- 8 - Ohio Department of Health, Vital Statistics. Mortality File.

Questions about this report can be directed to the Medina County Health Department Epidemiologist, by calling 330-723-9688 option 2, or via email at tplackowski@medinahealth.org.

Services are partially supported by your local health levy. This institution is an equal opportunity provider.

