## COMMUNITY HEATLH DIVISION Board of Health July 2024

#### **COMMUNITY RESOURCE AND EQUITY**

| CRE program                    | Description  | # of Participants/Contacts |
|--------------------------------|--|----------------------------|
| Vision                         |  | 152                        |
| Hearing                        |  | 158                        |
| NARCAN Trainings               | Advocate Good Shepherd, Crystal Lake Montessori, New Employee Training   | 214                        |
| NARCAN Boxes Given Out         |  | 191                        |
| Fentanyl Test Strips Given Out |  | 92                         |
| Resource Requests              |  | 0                          |
| Medical Card Applications      | 1100   | 11                         |
| Pregnancy Tests                |  | 10                         |
| Community Events               | Farmers Market – Woodstock, McHenry County Fair, Narcan Pop-up<br>Advocate Good Shepherd, Narcan Pop-up Warp Corp, Narcan Pop-up Village<br>Market West, CHP, Mobile Rx-Harvard, wonder Lake-Farmers Market, I am! I<br>can! Daycare – Child Nutrition Class, Ladd Park – Summer Lunch Program,<br>Kids Club – Vierda Dierzen, BrownBear Daycare – Child Nutrition Class,<br>Community Picnic and Resource Fair – Crystal Lake |                            |

| Medical Reserve Corps           | Hours/Dollar Amount<br>Reported |
|---------------------------------|---------------------------------|
| Non-Medical MRC Volunteer Hours | 65                              |
| Medical MRC Volunteer Hours     | 3.5                             |
| TOTAL MRC Volunteer Hours       | 68.5                            |
| Non-Medical Economic Impact     | \$2,124.20                      |
| Medical Economic Impact         | \$134.65                        |
| TOTAL Economic Impact           | \$2,258.85                      |
| YTD Economic Impact Non-Medical | \$18,643.94                     |
| YTD Economic Impact Medical     | \$4,424.06                      |
| Total YTD Economic Impact       | \$23,068.00                     |

#### **EMERGENCY PREPAREDNESS AND RESPONSE,**

| ER                  | Description  | # of Participants/Contacts |
|---------------------|--|----------------------------|
| Trainings/Drills    | IEMA Radio Drill<br>LHD Radio Drill  | 14                         |
| Presentations       | Prepare with Pedro<br>Lunch and Learn  | 22                         |
| Community<br>Events | McHenry County Fair<br>Dole Farmer's Market, Crystal Lake<br>Pillowcase Project, LADD Park | 72                         |
| Other               |  |                            |

# COMMUNITY HEATLH DIVISION Board of Health July 2024

#### **CHRONIC DISEASE**

| Chronic Disease    |   |                   |               |
|--------------------|---|-------------------|---------------|
| Date               | Description                                 | # of Participants | # Completed   |
| July - Aug         | DSMP in Person Class Cary Public<br>Library | 11                |               |
| Ongoing            | DPP: 2/Class/Week                           | 28                |               |
| Community Outreach | Location                                    | Date              | Contacts Made |
| TFC Coalition met  | Virtual                                     | 7/8/2024          | 2             |
|                    |   | 3110440           |               |
|                    |   |                   |               |

| Screenings – Cultivating Health Ministries | Elevated Normal      |                | Total Screened                    | % Elevated |  |
|--|----------------------|----------------|-----------------------------------|------------|--|
| NO CHM in JULY                             |                      |                |                                   |            |  |
| A1C  |                      |                |                                   |            |  |
| Cholesterol                                |                      |                |                                   |            |  |
| Blood Pressure                             |                      |                |                                   |            |  |
| Food Insecurity (FI)                       | Positive for FI      | Total Screened | Percent Positive FI               |            |  |
|  | Total Screened 2024: |                | 256 individuals at CHM screenings |            |  |

| CDP Wellness Screenings       | Normal | Elevated | Total Screens | % Elevated              |
|-------------------------------|--------|----------|---------------|-------------------------|
| June 5 <sup>th</sup> and 24th |        |          |               | A STATE OF THE STATE OF |
| A1C                           | 1      | 3        | 4             | 75%                     |
| Blood Glucose                 | 2      | 2        | 4             | 50%                     |
| Cholesterol                   | 3      | 1        | 4             | 25%                     |
| Blood Pressure                | 0      | 5        | 5             | 100%                    |
| вмі                           | 1      | 4        | 5             | 80%                     |
| Avg Age                       | 64     |          |               |                         |
| YTD Totals                    | Normal | Elevated | Total Screens | % Elevated              |
| A1C                           | 44     | 73       | 117           | 62%                     |
| Blood Glucose                 | 102    | 12       | 116           | 10%                     |
| Cholesterol                   | 69     | 51       | 119           | 43%                     |
| Blood Pressure                | 27     | 101      | 128           | 79%                     |
| BMI                           | 40     | 68       | 108           | 63%                     |
| Average Age – 57.5            | 60     |          |               |                         |

### COMMUNITY HEATLH DIVISION Board of Health

July 2024

#### WIC

| WIC 2024- Y  | 'early            |                        |  |  |  |  |  |
|--------------|-------------------|------------------------|--|--|--|--|--|
| 88.49%       | Achieved Caseload | SFY24 Participants YTD | 2,413  |  |  |  |  |
| Participants | Seen per Site:    |                        | NAME OF THE PROPERTY OF THE PR |  |  |  |  |
|              | Crystal Lake YTD  | Woodstock YT           | D  |  |  |  |  |
|              | 610               | 558                    |  |  |  |  |  |
| Show Rate 9  | % per Site:       |                        |  |  |  |  |  |
|              | Crystal Lake      | Woodstock              |  |  |  |  |  |
|              | 84.8%             | 87.6%                  |  |  |  |  |  |
|              |                   |                        |  |  |  |  |  |

| WIC 20  | 24 - MONTHLY                |         |                                |
|---------|-----------------------------|---------|--------------------------------|
| 2,413   | Estimated Participation – J | uly (88 | .49% of 2,727 Target Caseload) |
| 1160    | Darticipants Coon           | 558     | Woodstock – June               |
| 1168    | Participants Seen           | 610     | Crystal Lake – June            |
| Breastf | eeding                      |         |                                |
| 936     | Initiation Rate (81%)       |         |                                |
| 292     | 6 Month Duration (31.6%)    |         |                                |



#### McHenry County Department of Health Reportable Conditions Report July 2024

Last Updated: 8/2/2024

#### TABLE OF CONTENTS

| INTRODUCTION                    | 1 |
|---------------------------------|---|
| DEFINITION OF TERMS             |   |
| ARBOVIRAL INFECTIONS            |   |
| GASTROINTESTINAL ILLNESS        |   |
| SEXUALLY TRANSMITTED INFECTIONS |   |
| SEASONAL RESPIRATORY ILLNESS    | 6 |
| TICK BORNE INFECTIONS           |   |
| VACCINE PREVENTABLE DISEASES    | 8 |
| OTHER DISEASES                  |   |

#### INTRODUCTION

The McHenry County Department of Health (MCDH) collects monthly report data on all Illinois Reportable Diseases as defined by the Illinois Department of Public Health (IDPH). This report summarizes the incident cases of all IDPH reportable conditions during the current year. The frequency of incident cases are reported for each month. Incident cases include both probable and confirmed cases (note: 2024 data is provisional). Summary statistics for each reportable condition are reported and include: annual year-to-date total, annual year-to-date rate, and annual year-to-date reference. The definition (and calculation) of these summary statistics can be found below. Reportable conditions are separated by disease category: arboviral infections, gastrointestinal illnesses, sexually transmitted infections, tick borne diseases, vaccine preventable diseases, and other diseases.

#### **DEFINITION OF TERMS**

Incident Case

Incident cases are all newly diagnosed cases in a given timeframe. The frequency of incident cases for each month for the current year are presented in the tables below.

Annual Year-to-Date Total

The annual year-to-date total (YTD Total) represents the frequency of new cases that occurred during 2024. It is calculated for each condition as the sum of the frequency of incident cases for all months. The annual total for each disease category are also reported.

Annual Year-to-Date Rate

The annual year-to-date rate (YTD Rate) is reported for each condition (and disease category) as the annual year-to-date rate of disease per 100,000 population. It can be interpreted as the number of incident cases per 100,000 residents of McHenry County. It is calculated as the annual year-to-date total divided by the current population of McHenry County (based on the US Census Bureau, 2019-2022 ACS 5-year Estimates for McHenry County: 311,133 people) multiplied by 100,000; this is represented mathematically as:

Annual Rate = 
$$\frac{\text{YTD Total}}{311,133} * 100,000$$

#### Year-to-Date Reference

Year-to-date reference (YTD Ref) serves as a historical reference to detect reportable conditions that are higher than average for the year based on historical data. When the annual total is greater than the annual reference (i.e. YTD Total > YTD Ref), this indicates that a condition is tracking higher than average (note: a condition that is tracking higher than average does not necessarily indicate the occurrence of an outbreak; the MCDH Epidemiology and CD programs use this data in conjunction with other investigative methods to monitor the spread of illness in the county and identify outbreaks). The past 5-year year-to-date median was used for the calculation of reference values in all cases except where data was unavailable for the past 5 years (median calculated based on available years in these cases).

#### ARBOVIRAL INFECTIONS

Zero arboviral infections were reported in July 2024. The annual year-to-date total of all arboviral infections is 0 cases. The annual year-to-date rate of all arboviral infections is 0 cases per 100,000 residents of McHenry County. Table 1 summarizes the frequency of incident cases of arboviral infections for the current year (if a reportable arboviral infection is not shown in Table 1, then it has had no cases from January 2019 to December 2024).

**Table 1. Arboviral Infections** 

| Condition                        | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------------|------------|
| Dengue Fever                     | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| West Nile,<br>neuroinvasive      | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| West Nile, non-<br>neuroinvasive | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Zika virus,<br>congenital        | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Zika virus, non-<br>congenital   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Total                            | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | -          |

#### **GASTROINTESTINAL ILLNESSES**

Ten gastrointestinal illnesses were reported in July 2024. This includes 6 cases of campylobacteriosis, 3 cases of salmonellosis, and 1 case of shigellosis. The annual year-to-date total of all gastrointestinal illnesses is 81 cases. The annual year-to-date rate of all gastrointestinal illnesses is 26.0 cases per 100,000 residents of McHenry County. Table 2 summarizes the frequency of incident cases of all gastrointestinal illnesses for 2024.

**Table 2. Gastrointestinal Illnesses** 

| Condition                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov                  | Dec                                     | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|---|--------------|-------------|------------|
| Campylo-<br>bacteriosis             | 6   | 2   | 6   | 3   | 6   | 6   | 6   |     |     |     |                      |   | 35           | 11.2        | 17         |
| Cholera                             | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |                      |   | 0            | 0.0         | 0          |
| Escherichia coli<br>Infections      | 0   | 0   | 1   | 2   | 0   | 1   | 0   |     |     |     | Branco action (see a | 100000000000000000000000000000000000000 | 4            | 1.3         | 4          |
| Salmonellosis                       | 4   | 2   | 4   | 5   | 13  | 2   | 3   |     |     |     |                      |   | 33           | 10.6        | 25         |
| Shigellosis                         | 0   | 0   | 0   | 4   | 1   | 1   | 1   |     |     |     |                      |   | 7            | 2.2         | 2          |
| Typhoid fever and paratyphoid fever | 0   | 0   | 0   | 1   | 0   | 0   | 0   |     |     |     |                      |   | 1            | 0.3         | 0          |
| Vibriosis <sup>2</sup>              | 0   | 0   | 0   | 1   | 0   | 0   | 0   |     |     |     |                      |   | 1            | 0.3         | 1          |
| Total                               | 10  | 4   | 11  | 16  | 20  | 10  | 10  |     |     |     |                      |   | 81           | 26.0        |            |

<sup>&</sup>lt;sup>1</sup>Other than typhoid or paratyphoid

<sup>&</sup>lt;sup>2</sup> Other than toxigenic *Vibrio cholerae* O1 or O139

#### SEXUALLY TRANSMITTED INFECTIONS (STIs)

Eighteen STIs were reported in July 2024. This includes 15 cases of chlamydia, 2 cases of gonorrhea, and 1 case of syphilis. The annual year-to-date total of all STIs is 321 cases. The annual year-to-date rate of all STIs is 103.2 cases per 100,000 residents of McHenry County. Table 3 summarizes the frequency of incident cases of all STIs for 2024 (AIDS/HIV is also a reportable condition but is excluded from the table to protect patient privacy in line with guidelines from the Office of Heath Protection).

Table 3. Sexually Transmitted Infections (STIs)

| Condition | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------------|------------|
| Chancroid | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Chlamydia | 55  | 49  | 49  | 40  | 31  | 38  | 15  |     |     |     |     |     | 277          | 89.0        | 373        |
| Gonorrhea | 10  | 9   | 5   | 5   | 3   | 6   | 2   |     |     |     |     |     | 40           | 12.9        | 50         |
| Syphilis  | 0   | 0   | 0   | 1   | 0   | 2   | 1   |     |     |     |     |     | 4            | 1.3         | 16         |
| Total     | 65  | 58  | 54  | 46  | 34  | 46  | 18  |     |     |     |     |     | 321          | 103.2       | 1          |

#### SEASONAL RESPIRATORY ILLNESS

One seasonal respiratory illness was reported in July 2024. The annual year-to-date total of all seasonal respiratory illnesses is 21 cases. The annual year-to-date-rate of all seasonal respiratory illnesses is 6.7 cases per 100,000 residents of McHenry County. Table 4 summarized the frequency of incident cases of seasonal respiratory illnesses for 2024.

**Table 4. Seasonal Respiratory Illness** 

| Condition   | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------------|------------|
| COVID-19 deaths in those aged < 18 years <sup>1</sup> |     |     |     |     | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         |            |
| COVID-19 ICU admission <sup>1</sup>                   |     |     |     |     | 1   | 1   | 1   |     |     |     |     |     | 3            | 1.0         |            |
| Influenza A, novel or variant virus                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Influenza deaths in those aged < 18 years             | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Influenza ICU admission                               | 4   | 7   | 5   | 2   | 0   | 0   | 0   |     |     |     |     |     | 18           | 5.8         | 7          |
| RSV with ICU admission <sup>1</sup>                   |     |     |     |     | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         |            |
| RSV, deaths among those aged < 5 years <sup>1</sup>   |     |     |     |     | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         |            |
| Total   | 4   | 7   | 5   | 2   | 1   | 1   | 1   |     |     |     |     |     | 21           | 6.7         | 1          |

<sup>&</sup>lt;sup>1</sup>Newly added reportable conditions as of February 27, 2024; these conditions were added to the Illinois electronic disease reporting system in May 2024.

#### TICK BORNE INFECTIONS

Zero tick borne infections were reported in July 2024. The annual year-to-date total of all tick borne infections is 23 cases. The annual year-to-date rate of all tick borne infections is 7.4 cases per 100,000 residents of McHenry County. Table 5 summarizes the frequency of incident cases of tick borne infections for 2024 (only tick borne infections that have had a case reported from January 2019 to December 2024 are included in Table 5).

**Table 5. Tick Borne Infections** 

| Condition                      | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------------|------------|
| Anaplasmosis                   | 1   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 1            | 0.3         | 0          |
| Ehrlichiosis                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Lyme Disease                   | 1   | 1   | 0   | 1   | 8   | 11  | 0   |     |     |     |     |     | 22           | 7.1         | 17         |
| Spotted Fever<br>Rickettsioses | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Typhus Murine                  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Total                          | 2   | 1   | 0   | 1   | 8   | 11  | 0   |     |     |     |     |     | 23           | 7.4         | -          |

#### VACCINE PREVENTABLE DISEASES

One vaccine preventable disease was reported in July 2024. This includes 1 case of pertussis. The annual year-to-date total of all vaccine preventable diseases is 27 cases. The annual year-to-date rate of all vaccine preventable diseases is 8.7 cases per 100,000 residents of McHenry County. Table 6 summarizes the frequency of incident cases of all vaccine preventable diseases for 2024.

**Table 6. Vaccine Preventable Diseases** 

| Condition                              | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | YTD<br>Total | YTD<br>Rate | YTD<br>Ref |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------------|------------|
| Chickenpox                             | 0   | 1   | 1   | 0   | 0   | 0   | 0   |     |     |     |     |     | 2            | 0.6         | 9          |
| Diphtheria                             | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Haemophilus<br>influenzae <sup>1</sup> | 0   | 0   | 3   | 1   | 0   | 3   | 0   |     |     |     |     |     | 7            | 2.2         | 1          |
| Hepatitis A                            | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 1          |
| Hepatitis B                            | 1   | 1   | 2   | 0   | 0   | 0   | 0   |     |     |     |     |     | 4            | 1.3         | 5          |
| Measles                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Mumps                                  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Neisseria<br>meningitidis <sup>2</sup> | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Pertussis                              | 1   | 0   | 1   | 2   | 5   | 4   | 1   |     |     |     |     |     | 14           | 4.5         | 1          |
| Rubella                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Smallpox                               | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Tetanus                                | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0            | 0.0         | 0          |
| Total                                  | 2   | 2   | 7   | 3   | 5   | 7   | 1   |     |     |     |     |     | 27           | 8.7         | -          |

<sup>&</sup>lt;sup>1</sup> Haemophilus influenzae, invasive disease

<sup>&</sup>lt;sup>2</sup> Neisseria meningitidis, invasive disease and purpura fulminans

# OTHER DISEASES

per 100,000 residents of McHenry County. Table 7 summarizes the frequency of incident cases of all other diseases for 2024 (only other diseases that Twelve other diseases were reported in July 2024. This includes 1 case of cryptosporidiosis, 9 cases of rabies, potential human exposure, and 1 case of tuberculosis. The annual year-to-date total of all other diseases is 81 cases. The annual year-to-date rate of all other diseases is 26.0 cases have had a case reported from January 2019 – December 2024 are included in Table 7).

Table 7. Other Diseases

|   |     |     |     |     |     |     |     |     |     |     |     |     |       | ALD  | TID |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|-----|
| Condition   | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total | Rate | Ref |
| Cryptosporidiosis   | 1   | 0   | 0   | 1   | 0   | 0   | 1   |     |     |     |     |     | 3     | 1.0  | 2   |
| Cyclosporiasis  | 0   | 0   | 0   | 0   | 0   | 5   | 0   |     |     |     |     |     | 5     | 1.6  | 3   |
| Group A streptococcal infections, invasive disease <sup>1</sup> |     |     | T   | 0   | 1   | 0   | 0   |     |     |     |     |     | 2     | 9.0  |     |
| Hemolytic Uremic Syndrome, Post-diarrheal                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 0   |
| Hepatitis C   | 4   | 1   | Ţ   | 3   | 5   | 2   | 0   |     |     |     |     |     | 16    | 5.1  | 26  |
| Histoplasmosis  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 1   |
| Legionellosis   | 0   | 0   | 0   | 1   | 3   | 2   |     |     |     |     |     |     | 7     | 2.2  | 3   |
| Listeriosis   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 0   |
| Malaria   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 0   |
| Mpox  | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 0   |
| Rabies, Potential Human Exposure <sup>2</sup>                   | 3   | 7   | 5   | 3   | 10  | 9   | 6   |     |     |     |     |     | 43    | 13.8 | 20  |
| Streptococcus Pneumoniae, Invasive Disease <sup>3</sup>         | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0     | 0.0  | 0   |
| Toxic Shock Syndrome (due to Staph aureus)                      | 0   | 0   | 0   | 1   | 0   | 0   | 0   |     |     |     |     |     | 1     | 0.3  | 0   |
| Tuberculosis  | 0   | ľ   | 0   | 0   | 2   | 0   | Τ   |     |     |     |     |     | 4     | 1.3  | 0   |
| Total   | 8   | 6   | 1   | 6   | 21  | 15  | 12  |     |     |     |     |     | 81    | 26.0 | -   |

<sup>&</sup>lt;sup>1</sup> I Updated as of February 27, 2024 to only include persons admitted to the hospital or residing in a residential facility
<sup>2</sup> As this includes individuals who may have received rabies post exposure prophylaxis (PEP) against public health recommendations, it may overestimate the number of humans exposed to rabies

<sup>&</sup>lt;sup>3</sup> In children less than 5 years

| Outbreaks                                     | Jan | Feb   | Mar | Apr | Мау | Jun | Jul | Aug            | Sep      | Oct   | Nov    | Dec | Annual Total<br>YTD | YTD<br>Reference † | Open<br>Outbreaks |
|---|-----|-------|-----|-----|-----|-----|-----|----------------|----------|-------|--------|-----|---------------------|--------------------|-------------------|
| # of Foodborne Outbreaks Closed               | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0              |          |       |        |     | 0                   | 0                  | 0                 |
| # of People III                               | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0              |          |       |        |     | 0                   | 0                  | 0                 |
| # of Suspect Foodborne Outbreaks Investigated | 0   | . 0   | . 0 | . 0 | 0   | 0   | 0   | . 0            |          |       |        |     | 0                   | 0                  | Ō                 |
| # of People III                               | . 0 | . 0   | 0   | 0   | 0   | . 0 | 0   | . 0            |          |       |        |     | 0                   | 0                  | 0                 |
| # of Waterborne Outbreaks Closed              | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0              |          |       |        |     | 0                   | 0                  | 0                 |
| # of People III                               | 0   | 0     | 0   | 0   | 0   | 0   | 0   | 0              |          |       |        |     | 0                   | 0                  | 0                 |
| # of Covid-19 Outbreaks Closed                | 22  | 10    | 5   | 1   | 1   | 0   | 2   | 1              |          |       |        |     | 42                  | 38                 | 2                 |
| # of People III                               | 184 | 98    | 74  | 4   | 16  | . 0 | 16  | 29             |          |       |        |     | 421                 | 746                |                   |
| # of Community Covid-19 Outbreaks Closed      | . 0 | . 0   | 0   | · 0 | 0   | . 0 | 0   | : : 0          |          | 15.50 |        |     | 0                   | 0                  | 0                 |
| # of People III                               | 0   | : 0   | . 0 | 0   | 0   | 0   | 0   | . 0            |          |       |        |     | 0                   | Ω                  | 0                 |
| # of School/Daycare Covid-19 Outbreaks Closed | . 0 | · . 0 | 0   | 0   | . 0 | . 0 | . 0 | 0              |          | 7.50  |        | 4.1 | 0                   | 0                  | 0                 |
| # of People III                               | . 0 | 0     | . 0 | . 0 | 0   | 0   | 0   | . 0            |          |       |        |     | 1.334.24.0          | 0                  | 0                 |
| # Congregate Care Covid-19 Outbreaks Closed   | 22  | . 10  | 5   | 501 | 1   | . 0 | 2   | 1              |          | 7.    |        |     | 42                  | 38                 | 2                 |
| # of People III                               | 184 | 98    | 74  | 4   | 16  | 0   | 16  | 29             |          |       |        |     | 421                 | 746                |                   |
| # of Other Outbreaks Closed                   | 7   | 4     | 4   | 4   | 1   | 1   | 1   | 0              |          |       |        |     | 22                  | 21                 |                   |
| # of People III                               | 69  | 122   | 176 | 55  | 2   | 24  | 8   | 0              |          |       | -      |     | 456                 | 791                | 0                 |
| Total Outbreaks Closed                        | 29  | 14    | 9   | - 5 | 2   | 1   | 3   | 3870e <b>1</b> | 10014988 | 4843  | 153335 |     | 64                  |                    | 2                 |

† Past 1-year year-to-date (YTD) used as reference

|                               | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Total<br>YTD | Annual Rate<br>YTD † |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|----------------------|
| STI Clinic Clients Tested     | 29  | 28  | 16  | 37  | 24  | 27  | 28  |     |     |     |     |     | 189                 | 60.7                 |
| Clients Treated               | 8   | 11  | 3   | 5   | 6   | 4   | 6   |     |     |     |     |     | 43                  | 13.8                 |
| Partners of Positives Treated | 6   | 7   | 4   | 3   | 4   | 2   | 2   |     |     |     |     |     | 28                  | 9.0                  |
| Clients for Test of Cure      | 1   | 0   | 2   | 3   | 1   | 0   | 2   | -   |     |     |     |     | 9                   | 2.9                  |

†Annual Rate YTD represents the annual rate per 100,000 population based on the US Census Bureau, 2018-2022 ACS 5-year Estimates for McHenry County (311,133 people)

| CD and STI Investigation Activity     | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual Total<br>YTD | YTD<br>Reference † |
|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|--------------------|
| Not a Case (NAC)                      | 27  | 23  | 46  | 57  | 52  | 53  | 53  |     |     |     |     |     | 311                 | 317                |
| Out of Jurisdiction (OOJ)*            | 0   | 1   | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 1                   | 10                 |
| Transfers*                            | 7   | 8   | 4   | 6   | 5   | 11  | 21  |     |     |     |     |     | 62                  | 130                |
| CD Stool Specimens Collected          | 1   | 2   | 2   | 0   | 0   | 0   | 2   |     |     |     |     |     | 7                   | 36                 |
| Perinatal Hepatitis B Case Management | 0   | 0   | 0   | 2   | 1   | 1   | 0   |     |     |     |     |     | 4                   | 0                  |

<sup>†</sup> Past 1-year year-to-date (YTD) used as reference \*Statistics do not include COVID-19 cases

| CD Presentations/Outreach | Jan | Feb | Mar | Apr | Mav | Jun | Jul | Aun  | Sen | Oct | Nov  | Dec | Annual Total<br>YTD |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|---------------------|
| # of Presentations        | 3   | 3   | 4   | 6   | 0   | 2   | 2   | 7.03 | ООР |     | 1101 | 500 | 20                  |
| # of People Reached       | 236 | 23  | 52  | 879 | 0   | 3   | 233 |      |     |     |      |     | 1426                |

| Jan | Feb                | Mar   | Apr   | May   | Jun | Jul   | Aug | Sep | Oct | Nov | Dec | Annual Total<br>YTD                             | YTD<br>Reference † |
|-----|--------------------|---|---|---|-----|---|-----|-----|-----|-----|-----|---|--------------------|
| 0   | 0                  | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0   | 0                  |
| 1   | 1                  | 4   | 0   | 3   | 1   | 3   |     |     |     |     |     | 13  | 12                 |
| 0   | 0                  | 0   | 0   | 0   | 0   | 0   |     |     |     |     |     | 0   | 11                 |
| 0   | 0                  | 1   | 1   | 1   | 0   | 0   |     | ·   |     |     |     | 3   | 0                  |
|     | Jan<br>0<br>1<br>0 | Jan         Feb           0         0           1         1           0         0           0         0 | Jan         Feb         Mar           0         0         0           1         1         4           0         0         0           0         0         1 | Jan         Feb         Mar         Apr           0         0         0         0           1         1         4         0           0         0         0         0           0         0         1         1 |     | Jan         Feb         Mar         Apr         May         Jun           0         0         0         0         0           1         1         4         0         3         1           0         0         0         0         0         0           0         0         1         1         1         0 |     |     |     |     |     | Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec |                    |

<sup>†</sup> Past 1-year year-to-date (YTD) used as reference

#### 2024 McHenry County Department of Health Opioid Surveillance, Prevention, and Response Monthly Statistics

#### **Program Statistics**

Any metric below that contains a dash ("-") represents a metric that was not officially tracked during that month.

#### **Data Management**

| Metric               | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Total Data Sources   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |     |     |     |     |     | NA    |
| Total Alerts Managed | 23  | 23  | 23  | 23  | 23  | 23  | 23  |     |     |     |     |     | NA    |

#### Naloxone Management

| Metric                           | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Total Naloxone Distributed       | 423 | 175 | 178 | 188 | 293 | 257 | 191 |     |     |     |     |     | 1705  |
| Community Members                | 33  | 127 | 88  | 81  | 220 | 83  | 167 |     |     |     |     |     | 799   |
| First Responders/Law Enforcement | 117 | 2   | 3   | 28  | 8   | 85  | 0   |     |     |     |     |     | 243   |
| Organizations                    | 245 | 0   | 3   | 0   | 0   | 24  | 9   |     |     |     |     |     | 281   |
| Vending Machines <sup>1</sup>    | 28  | 46  | 84  | 79  | 65  | 65  | 15  |     |     |     |     |     | 382   |

#### Fentanyl Test Strip Management<sup>2</sup>

| T Gritaria, T Got Grisp Triania, Garage       |     |     |     |     |     |     |     |     |     |     |     |     |       |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| Metric  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
| Total Fentanyl Test Strips Distributed ,      | 94  | 44  | 135 | 185 | 90  | 448 | 112 |     |     |     |     |     | 1108  |
| Community Members                             | 42  | 4   | 30  | 39  | 18  | 23  | 3   |     |     |     |     |     | 159   |
| First Responders/Law Enforcement <sup>3</sup> | _   | -   | -   | -   | -   | 425 | 0   |     |     |     |     |     | 425   |
| Organizations                                 | 0   | 0   | 0   | 0   | 0   | 0   | 50  |     |     |     |     |     | 50    |
| Vending Machines <sup>1</sup>                 | 52  | 40  | 105 | 146 | 72  | 0   | 59  |     |     |     |     |     | 474   |

#### **Community Education**

| Metric  | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug    | Sep   | Oct       | Nov     | Dec  | Total |
|---|-----|-----|-----|-----|-----|-----|-----|--------|-------|-----------|---------|------|-------|
| Total Trained Response Team Members                 | 26  | 26  | 26  | 26  | 26  | 26  | 26  |        |       |           |         |      | NA    |
| Overdose Prevention Education Activities            | 29  | 87  | 12  | 7   | 14  | 37  | 15  |        |       |           |         |      | 201   |
| Community Events                                    | 3   | 1   | 1   | 1   | 6   | 2   | 5   | 450 M  |       |           | 1000 AV |      | 19    |
| Substance Use Prevention Presentations <sup>4</sup> | 3   | 4   | 8   | 2   | 7   | 1   | 2   | N. S.  | 1000  | NESS.     | (Maria) |      | 27    |
| Naloxone Trainings                                  | 23  | 82  | 3   | 4   | 1   | 34  | 8   |        |       |           |         |      | 155   |
| Community Members Engaged                           | 144 | 146 | 172 | 106 | 171 | 70  | 244 |        |       |           |         |      | 1053  |
| Community Events                                    | 31  | 22  | 30  | 48  | 104 | 31  | 214 |        |       |           |         |      | 480   |
| Substance Use Prevention Presentations <sup>4</sup> | 90  | 30  | 139 | 23  | 64  | 5   | 30  |        |       |           |         |      | 381   |
| Naloxone Trainings                                  | 23  | 94  | 3   | 35  | 3   | 34  | 0   |        |       |           |         |      | 192   |
| Organizations Engaged <sup>4</sup>                  | 13  | 18  | 9   | 13  | 19  | 4   | 5   |        |       |           |         |      | 81    |
| Community Events                                    | 9   | 1   | 5   | 7   | 10  | 2   | 2   | Na Ali | 12/11 | NEW STATE | V.33    | SWA  | 36    |
| Substance Use Prevention Presentations <sup>4</sup> | 3   | 6   | 3   | 2   | 8   | 2   | 3   | 74.75  | V3V)  | MANA      | 4334    |      | 27    |
| Naloxone Trainings                                  | 1   | 11  | 1   | 4   | 1   | 0   | 0   | 1945   | 1143  | State     |         | 2000 | 18    |

- 1. Vending machines are restocked by MCDH and our partners
- 2. Fields are new to 2024 metrics
- 3. A dash ("-") indicates that the metric was not officially tracked during that month
- 4. Field interpretation has changed and fields cannot be compared to metrics of previous years

#### 2024 McHenry County Department of Health Overdose Surveillance, Prevention, and Response Monthly Statistics

#### **Cluster Investigation Statistics**

The metrics below give information on the clusters McHenry County Department of Health (MCDH) and its partners in the Overdose Surveillance and Communication Workgroup identified and the Overdose Prevention and Response Team responded to in 2024. A cluster is defined as an unusual increase in overdoses in a specific time period. The statistics presented represent the number of clusters of that type identified and not the number of overdoses that are part of the cluster. To protect privacy, statistics on the number of overdoses that make up the cluster are <u>not</u> reported below. In some instances, an alert communication will be sent out to professionals or the community to provide information and not in relation to a specific cluster in McHenry County. The total number of alert communications may be higher than the number of clusters identified as a result. The cluster information is reported out based on the start date of the cluster and may not necessarily reflect the month the activity was performed.

| Metric  | Jan | Feb    | Mar    | Apr   | May | Jun | Jul | Aug      | Sep  | Oct   | Nov       | Dec   | Total |  |
|---|-----|--------|--------|-------|-----|-----|-----|----------|------|-------|-----------|-------|-------|--|
| Potential Clusters Investigated   | 0   | 2      | 0      | 1     | 4   | 1   | 0   |          |      |       |           |       | 8     |  |
| Clusters Identified   | 0   | 1      | 0      | 0     | 2   | 1   | 0   |          |      |       |           |       | 4     |  |
| Substance Classification Control of the Control of |     |        |        |       |     |     |     |          |      |       |           |       |       |  |
| Known Opioid Cluster  | 0   | 0      | 0      | 0     | 2   | 1   | 0   |          |      | 52.57 | 50.00     | 111   | 3     |  |
| Suspect Opioid Cluster  | 0   | 0      | 0 .    | 0     | 0   | 0   | . 0 | the site | 200  |       |           |       | 0     |  |
| Non-Opioid Cluster  | 0   | 0      | 0      | 0     | 0   | 0   | 0   |          | 1.11 |       | 4, 44.55  |       | 0     |  |
| Other Drug with Suspect Opioid Cluster <sup>1</sup>   | 0   | 0      | 0      | - 0   | 0   | 0   | 0   |          |      | 131   | 100       | . 1   | 0     |  |
| Unknown Cluster   | 0   | - 1    | . 0    | 0     | 0   | 0   | 0   |          |      |       |           |       | 1     |  |
|   | S   | everit | of Clu | uster |     |     |     |          |      |       |           |       |       |  |
| Fatal Cluster   | 0   | 0      | 0      | 0     | 0   | 0   | 0   |          |      |       |           |       | 0     |  |
| Non-Fatal Cluster   | 0   | 0      | 0      | 0     | 2   | 1   | 0   |          |      |       |           |       | 3     |  |
| Fatal and Non-Fatal Cluster   | 0   | 1      | 0      | 0     | 0   | 0   | 0   |          |      |       |           |       | 1     |  |
| Alert Communications  |     |        |        |       |     |     |     |          |      |       |           |       |       |  |
| Total: paragraphs.  | 0   | 6      | 0      | . 0   | 0   | 2   | 0.  | N 34     |      |       | *****     | 5.7   | 8     |  |
| Workgroup   | 0   | : 3    | 0      | 0     | 0   | 2 : | 0   | :350     | 154  | 100   | 11%       |       | 5     |  |
| Professional  | 0 : | : 1    | 0      | 0     | 0   | 0   | 0   |          |      |       | - 1, 1-1, | 43.74 | 1     |  |
| Community   | 0.  | 2      | 0      | 0     | 0   | 0   | 0   | N.O.     |      |       |           | 111   | 2     |  |

<sup>1.</sup> Denotes an overdose cluster related to a non-opioid drug where naloxone was found to be effective in reversing the overdose, indicating the drug contained an unknown opioid