

# Weekly Disease Surveillance Report



2024 Reporting Week 03: January 14 — January 20

This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

## Updates and Recommendations for the 2023-2024 Flu Season

- According to the CDC, three flu vaccines are preferentially recommended for people 65 years and older: **Fluzone High-Dose Quadrivalent vaccine, Flublok Quadrivalent recombinant flu vaccine, and Flud Quadrivalent adjuvanted flu vaccine.** Based on a review of available studies, these vaccines are potentially more effective than standard dose unadjuvanted flu vaccines for this age group. There is no preferential recommendation for people younger than 65 years.
- **The composition of flu vaccines has been updated.** Please visit [Information for the 2023-2024 Flu Season](#) to view the make-up of the egg-based and cell- or recombinant-based flu vaccines.
- **People with egg allergy may get any vaccine (egg-based or non-egg-based) that is otherwise appropriate for their age and health status.** All vaccines should be given in settings where allergic reactions can be recognized and treated quickly.
- Please visit [Summary: 'Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices \(ACIP\)—United States, 2023-24'](#) for a complete resource regarding the 2023-2024 Influenza Season and Vaccination Recommendations.

### ILI Trends

Influenza-like illness (ILI) in Okaloosa decreased again during Week 03, yet continues to remain above the previous year's level (current level: 4.24%; last year: 2.83%). Please stay vigilant, promote vaccination, and visit the weekly [Florida FLU REVIEW](#).

### COVID-19 Trends

COVID-19 hospital admission levels for Okaloosa County decreased to LOW for Week 03. For more information on the recommended actions based on the current levels, please visit the [CDC COVID-19 by County](#) webpage.

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## COVID-19 Corner

### Week 03 Hospital Admission Level

| COVID-19 Hospital Admissions Level | New Hospital Admissions per 100K Population per Week |
|------------------------------------|--|
| <b>LOW</b>                         | <b>9.8</b>   |

### PREVIOUS WEEK LEVEL: MEDIUM

The Community Level has been retired with the end of the federal COVID-19 Public Health Emergency (PHE).

As a replacement, COVID-19 Hospital Admission Level will be used as an indicator for recommended interventions in the community based on each level and individual or community focus.

For more information on the levels and recommended actions based on the current level, please visit the [CDC COVID-19 by County](#) webpage.

|               |             |
|---------------|-------------|
| <b>HIGH</b>   | ≥ 20.0      |
| <b>MEDIUM</b> | 10.0 - 19.9 |
| <b>LOW</b>    | <10.0       |

## In the Know: Respiratory Illness Elevated But Slowing

The Centers for Disease Control and Prevention (CDC) provides a summary of key viral respiratory illness findings for COVID-19, influenza, and RSV from the past week and access to additional information and figures on their [Respiratory Virus Data Channel Weekly Snapshot](#).

Currently, seasonal influenza, COVID-19, and RSV are elevated nationally and Florida is experiencing high overall respiratory illness trends as well. Fortunately, the rapid increases in influenza and COVID-19 activity appear to be slowing. Please visit the CDC [Respiratory Illness Activity Levels](#) website to view current activity at the state level.

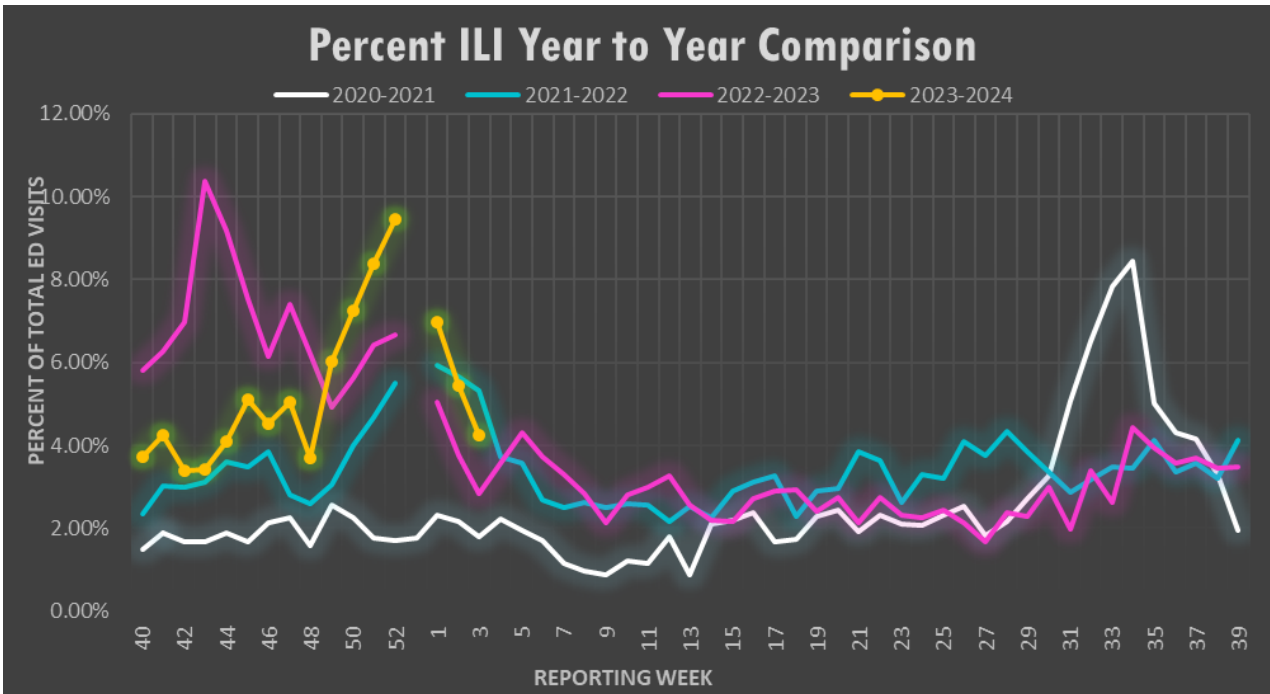
For more information and recommendations on respiratory illness activity in your local county area, please visit the [CDC Respiratory Illnesses website](#).



# Influenza-Like Illness

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**Influenza-like Illness (ILI)** is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

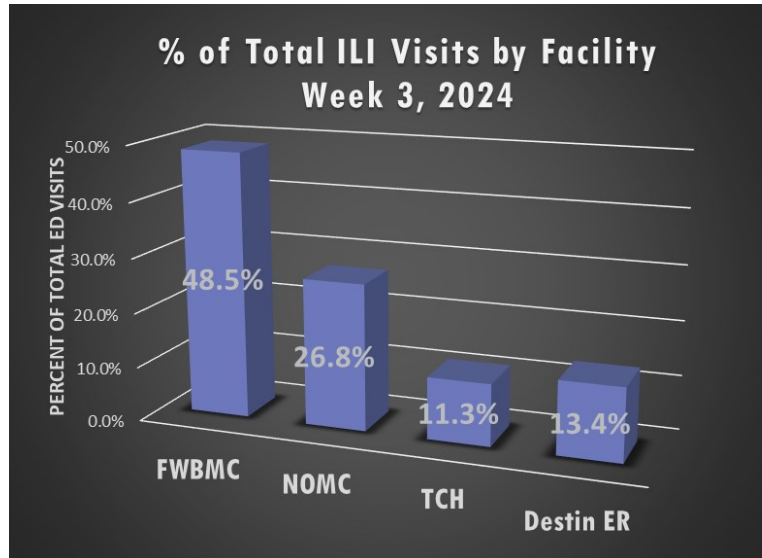


**Figure 2:** Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2020-21, 2021-22, 2022-23 and 2023-2024 influenza seasons by week. Data source: ESSENCE

**ANALYSIS:** During Week 03, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a decrease in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased this week (5.43% during Week 02 to 4.24% during Week 03). Flu partners reported 53 positive rapid flu tests this week (25 Influenza A and 28 Influenza B). Over the past three weeks, two influenza specimens submitted to the state lab were positive (2 influenza A H1N1). There were no ILI admissions or deaths reported by flu partners this week. One outbreak has been reported in the past 3 weeks. The percentage of total ILI ED visits for Week 03 is higher than that of Week 03 last year. *Note:* Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

| % ILI by Age Group<br>Week 03, 2024 |            |                 |                    |
|-------------------------------------|------------|-----------------|--------------------|
| Age Range                           | ILI Visits | Total ED Visits | % Total ILI Visits |
| 0-4                                 | 20         | 143             | 13.99%             |
| 5-19                                | 26         | 257             | 10.12%             |
| 20-34                               | 25         | 494             | 5.06%              |
| 35-54                               | 12         | 534             | 2.25%              |
| 55-74                               | 11         | 522             | 2.11%              |
| 75+                                 | 3          | 335             | 0.90%              |

Data Source: ESSENCE



**Figure 3:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=97). Data source: ESSENCE



# Syndromic Surveillance

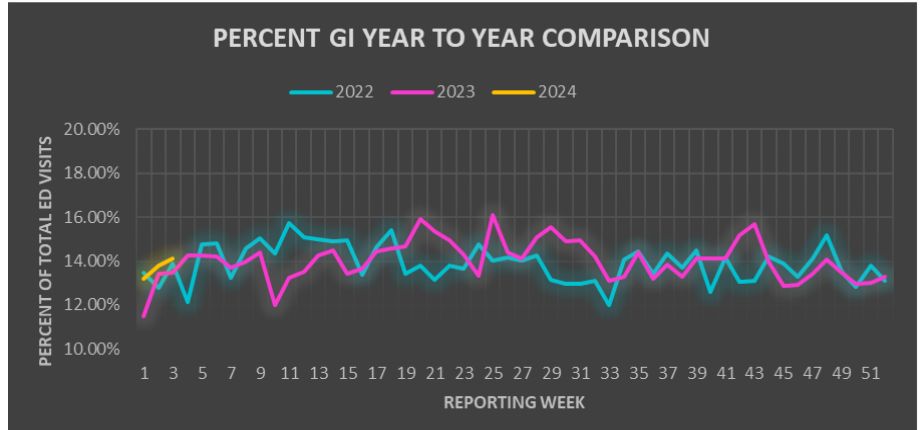
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## Gastro-intestinal Illness (GI)

**Figure 4:**

Annual comparison for the percent of GI for all Okaloosa County hospital ED visits week to week for 2022, 2023, and 2024.

Data Source: ESSENCE

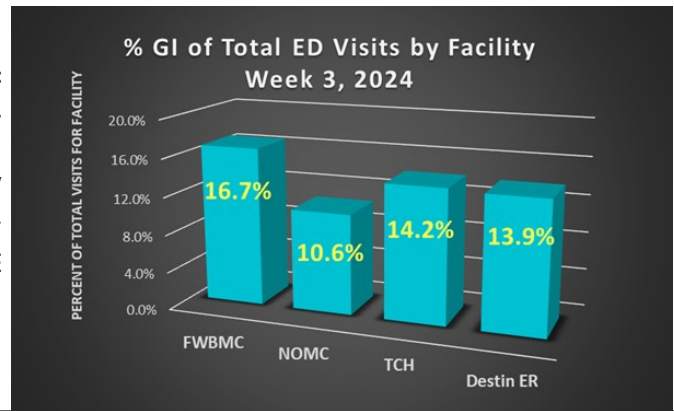


| % GI by Age Group<br>Week 03, 2024 |           |                 |                   |
|------------------------------------|-----------|-----------------|-------------------|
| Age Range                          | GI Visits | Total ED Visits | % Total GI Visits |
| 0-4                                | 21        | 143             | 14.69%            |
| 5-19                               | 42        | 257             | 16.34%            |
| 20-34                              | 80        | 494             | 16.19%            |
| 35-54                              | 90        | 534             | 16.85%            |
| 55-74                              | 60        | 522             | 11.49%            |
| 75+                                | 30        | 335             | 8.96%             |

**Figure 5:**

Hospital emergency room visits due to GI illness stratified by facility.

Data source: ESSENCE

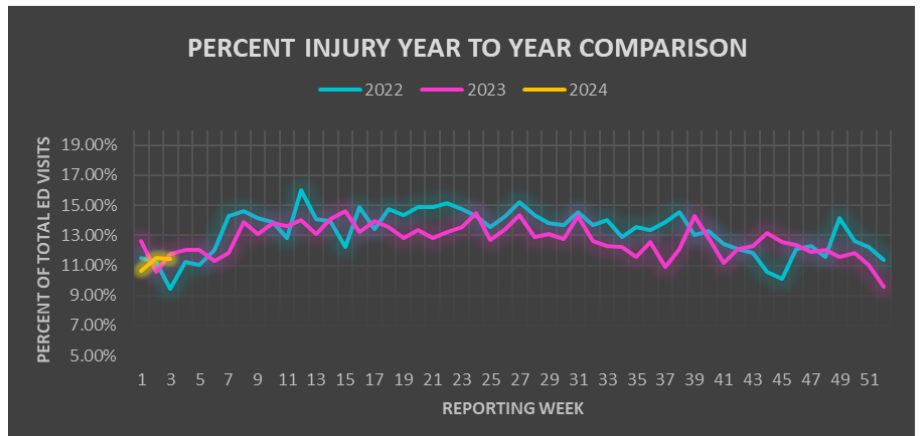


## Injury

**Figure 6:**

Annual comparison for the percent of Injury for all Okaloosa County hospital ED visits week to week for 2021, 2022, and 2023.

Data Source: ESSENCE

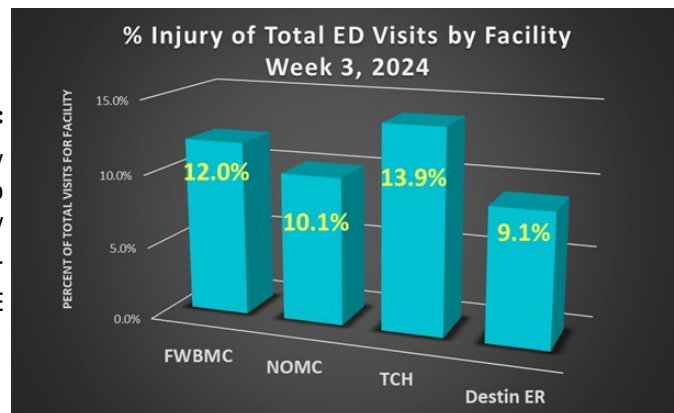


| % Injury by Age Group<br>Week 03, 2024 |               |                 |                       |
|--|---------------|-----------------|-----------------------|
| Age Range                              | Injury Visits | Total ED Visits | % Total Injury Visits |
| 0-4                                    | 9             | 143             | 6.29%                 |
| 5-19                                   | 32            | 257             | 12.45%                |
| 20-34                                  | 39            | 494             | 7.89%                 |
| 35-54                                  | 58            | 534             | 10.86%                |
| 55-74                                  | 59            | 522             | 11.30%                |
| 75+                                    | 65            | 335             | 19.40%                |

**Figure 7:**

Hospital emergency room visits due to Injury stratified by facility.

Data source: ESSENCE

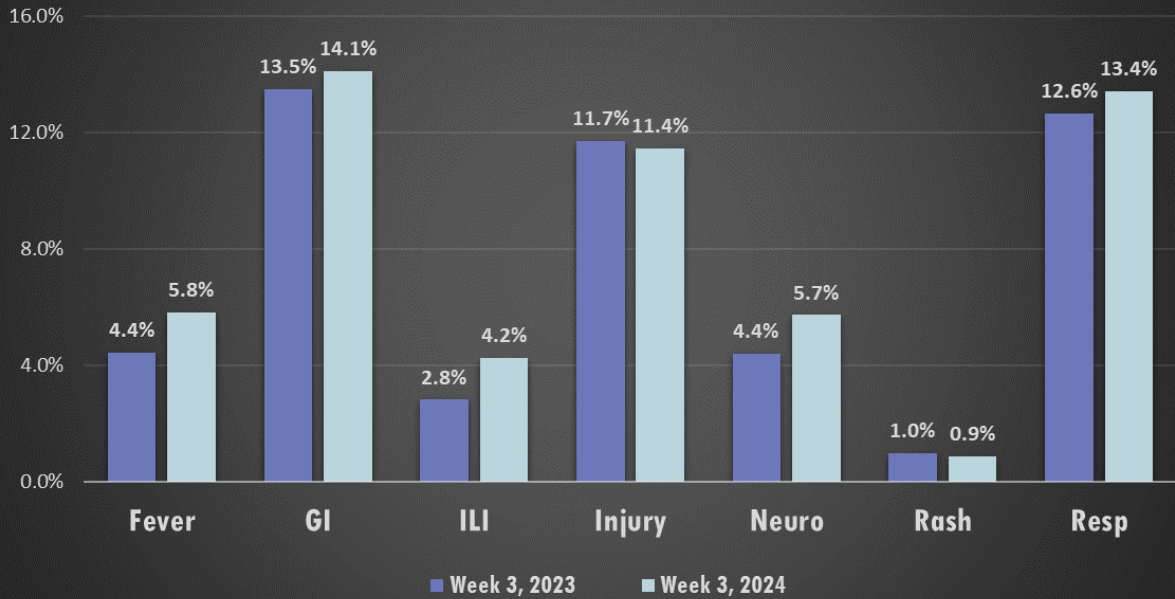




# Syndromic Surveillance

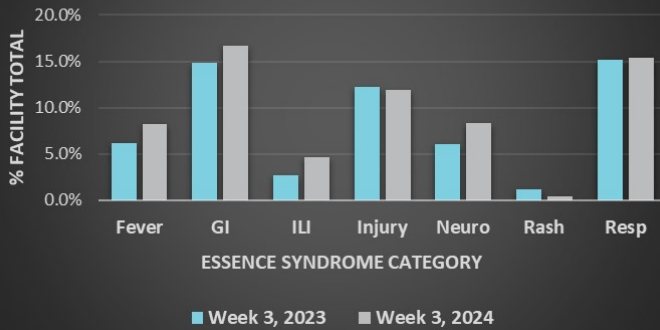
Week 03: January 14 - January 20

## Total ED Visits by Syndrome



**Figure 8:** Hospital Emergency Department (ED) visits from 2024 Week 03 by select syndrome category. Percentages calculated based on total number of ED visits (n=2289). Some syndrome categories are not represented; therefore, represented percentages will not total 100%. Data source: ESSENCE

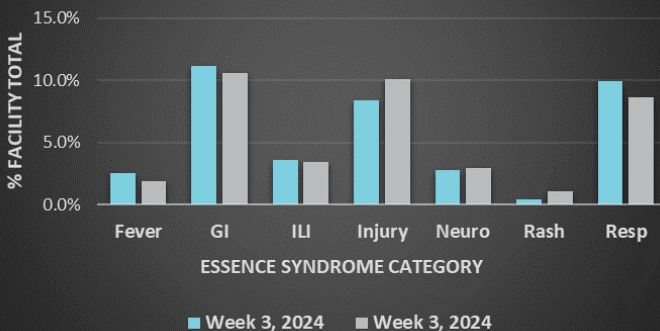
## Fort Walton Beach Medical Center ED Presentations



## Week 03 - Fort Walton Beach Medical Center

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4       | FEVER        | 25                           |
| 5-19      | FEVER        | 23                           |
| 20-34     | GI           | 44                           |
| 35-54     | GI           | 48                           |
| 55-74     | INJURY       | 27                           |
| 75+       | INJURY       | 35                           |

## North Okaloosa Medical Center ED Presentations



## Week 03 - North Okaloosa Medical Center

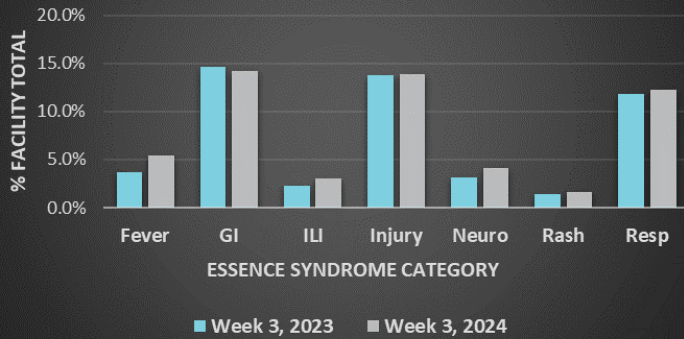
| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4       | FEVER, RESP  | 9, 9                         |
| 5-19      | INJURY       | 14                           |
| 20-34     | GI           | 18                           |
| 35-54     | GI           | 21                           |
| 55-74     | RESP         | 26                           |
| 75+       | INJURY       | 15                           |



# Syndromic Surveillance

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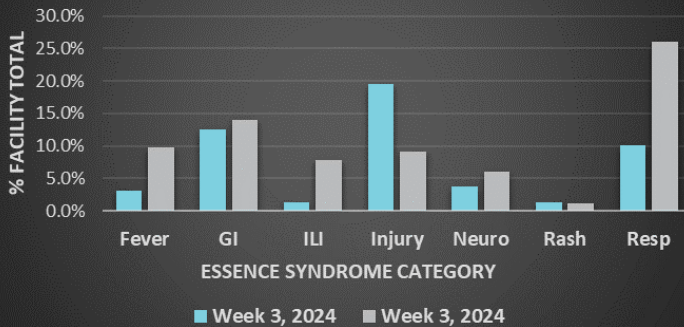
## Twin Cities Hospital ED Presentations



## Week 03 - Twin Cities Hospital

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4       | RESP         | 5                            |
| 5-19      | GI           | 11                           |
| 20-34     | GI           | 17                           |
| 35-54     | GI, INJURY   | 10, 10                       |
| 55-74     | INJURY       | 16                           |
| 75+       | INJURY       | 12                           |

## Destin ER ED Presentations



## Week 03 - Destin ER

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4       | RESP         | 6                            |
| 5-19      | RESP         | 12                           |
| 20-34     | RESP         | 5                            |
| 35-54     | GI           | 11                           |
| 55-74     | RESP         | 6                            |
| 75+       | RESP         | 8                            |

## Week 03 - Okaloosa County

| Age Group | Top Syndrome |
|-----------|--------------|
| 0-4       | RESP         |
| 5-19      | RESP         |
| 20-34     | GI           |
| 35-54     | GI           |
| 55-74     | RESP         |
| 75+       | INJURY       |



Data Source: ESSENCE