Marion County Influenza Situation Report
2023-2024 Seasonal Influenza Week 11
(March 10, 2024 – March 16, 2024)
Marion County Public Health Department, IN 2024-03-18

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Influenza-like Illness ED visits in Marion County decreased during week 11

- During week 11 (March 10 to March 16), **3.43% of Marion County ED visits had ILI symptoms.** The current rate is lower than last week (3.88%). The median percentage of ILI-related ED visits for week 11 over the last five years is 2.52%.
- In Marion County hospitals, 0-4 years old had the highest rate (8.58%) of ILI-related ED visits, followed by 5-17 years old (5.65%). Last week, 0-4 years old had the highest rate of ILI-related ED visits (8.23%). The median percentage of 0-4 years old ILI-related ED visits for week 11 over the last five years is 7.04%.
- **ED visits for Respiratory Syncytial Virus (RSV) for 0-4 years old decreased during the last week.** The percentage of RSV-related ED visits was 8.91% out of all 0-4 years old ED visits during week 11. This rate is lower than last week (9.24%).
  - RSV is a common respiratory virus that is the most common cause of bronchiolitis and pneumonia for children under one year of age in the U.S.
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**Percent of ILI related ED Visits by Age Group**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2024-09</th>
<th>2024-10</th>
<th>2024-11</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-04</td>
<td>8.0</td>
<td>6.5</td>
<td>4.0</td>
</tr>
<tr>
<td>05-17</td>
<td>6.0</td>
<td>4.5</td>
<td>2.5</td>
</tr>
<tr>
<td>18-44</td>
<td>4.0</td>
<td>3.0</td>
<td>1.0</td>
</tr>
<tr>
<td>45-64</td>
<td>2.0</td>
<td>1.5</td>
<td>0.5</td>
</tr>
<tr>
<td>65+</td>
<td>1.0</td>
<td>0.5</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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**Percentage of Visits with RSV Syndromes at Marion County EDs for 0-4 years old**

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(pg. 2)
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Marion County (Week 10, March 3, 2024 – March 9, 2024)

- The percentage of ILI-related ED visits was 3.88% out of all ED visits.
- In Marion County hospitals, 0-4 years old had the highest rate (8.23%) of ILI related ED Visits.

Indiana (Week 10, March 3, 2024 – March 9, 2024)
https://www.in.gov/health/idepd/influenza/influenza-dashboard/

- Indiana is experiencing MODERATE ILI activity for week 10.
- IDOH reported 3.31% ILI at sentinel provider sites and 3.30% ILI at ED and urgent care visits. Both rates have decreased during the last week.
- Five influenza-associated deaths have been reported during week 10. One hundred forty-one deaths have been reported since the beginning of the season.
- Eleven specimens were tested at the IDOH Laboratory during Week 10:
  - One specimen (9.1%) was detected with the following influenza virus:
    - "Influenza A/H1N1pdm"
  - Seven specimens (63.6%) were detected as “Negative”
  - Two specimens (18.2%) were considered “Unsatisfactory”
  - One specimen (9.1%) was considered “Inconclusive”

National (Week 10, March 3, 2024 – March 9, 2024)
https://www.cdc.gov/flu/weekly/index.htm
• Seasonal influenza activity remains elevated nationally with increases in some parts of the country.
• According to the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), 3.7% of outpatient visits to healthcare providers were related to ILI (influenza-like illness). This rate is lower than last week (4.1%) and is above the baseline of 2.9%.
• **Fifteen pediatric deaths** have been reported to CDC during week 10:
  ▪ Thirteen occurred during the 2023-2024 season
  ▪ Two occurred during the 2022-2023 season
  o The thirteen deaths that occurred during the 2023-2024 season happened during Week 52 of 2023 and between Week 4 and 9 of 2024:
    ▪ Nine were associated with influenza A viruses
      ▪ Six had subtyping performed
        o Five were A(H1N1) viruses
        o One was an A(H3) virus
    ▪ Three were associated with influenza B viruses, no lineage determined
    ▪ One was associated with a co-infection with influenza A(H1N1) and influenza B viruses
  o One hundred sixteen influenza-associated pediatric deaths have been reported to CDC since the beginning of the 2023-2024 season.
• During Week 10, **15.4% of clinical laboratory specimens** were positive for influenza. This rate is higher than last week (13.9%).
• During Week 10, 575 (24.9%) of specimens were positive at public health laboratories. This rate is higher than last week (24.2%).