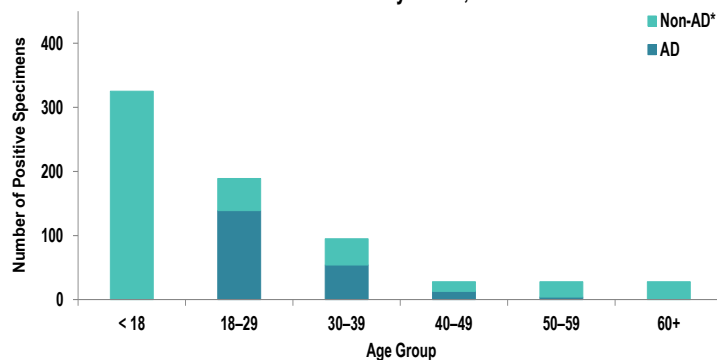


SUMMARY

Influenza activity in the Army population decreased slightly from Week 8 to Week 9. In addition, RSV activity has also continued to decrease. Seven influenza-associated hospitalizations were reported during surveillance Week 9. Nationwide, influenza activity remains elevated, with 15.4% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). Remember to clean and disinfect frequently touched surfaces at home, work, and public spaces to help decrease further spread of influenza.

DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 9



AD: Two hundred and ten positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 9; 66.2% (n=139) of the positive specimens were collected from SMs 18 – 29 years of age.

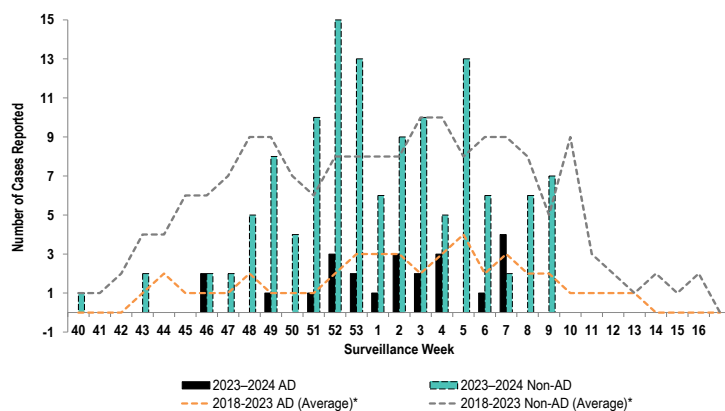
Non-AD: Four hundred and eighty-three positive respiratory specimens were collected from non-AD individuals during Week 9; 67.3% (n=325) of the positive specimens were collected from individuals under 18 years of age and 10.4% (n=50) from individuals who are 18 – 29 years old.

*Non-AD=All individuals that are not active duty service members.

The age and beneficiary status of some cases were not available. Therefore, all calculations involving these variables were conducted using only available data. Differences in total results, and age- and beneficiary status-specific results may be noted throughout the report.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



Seven influenza-associated hospitalizations with an onset date in Week 9 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 150 hospitalizations. The Week 9 average during the 2018 – 2023 seasons was 6 hospitalizations (with an average of 175 hospitalizations reported from the start of the season through Week 9).

The DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

Data are preliminary and subject to change.

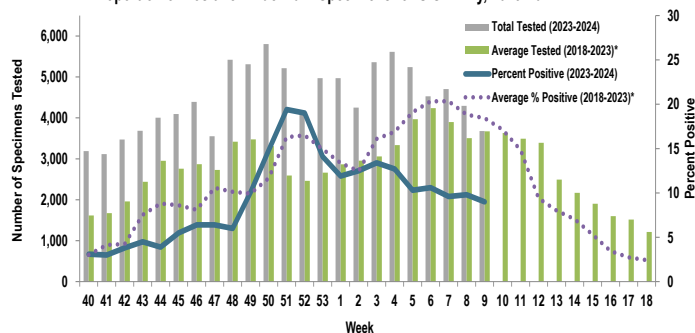
Disclaimer: The mention of any non-federal entity and/or its products is for informational purposes only, and not to be construed or interpreted, in any manner, as federal endorsement of that non-federal entity or its products.

Questions?
Email DCPH-A-DEP

INFLUENZA A ACTIVITY - ARMY

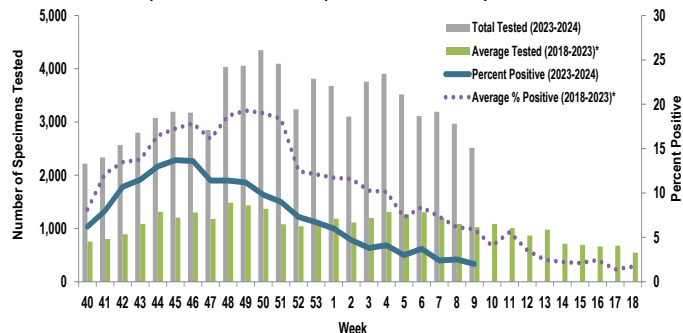
RSV ACTIVITY - ARMY

Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



Of the 3,679 specimens tested for influenza A during Week 9, 9.0% (n=330) were positive. Influenza A activity slightly decreased.

Proportion of Positive RSV Specimens for U.S. Army, 2023-2024



Of the 2,516 specimens tested for RSV during Week 9, 2.0% (n=51) were positive. RSV activity continues to decrease.

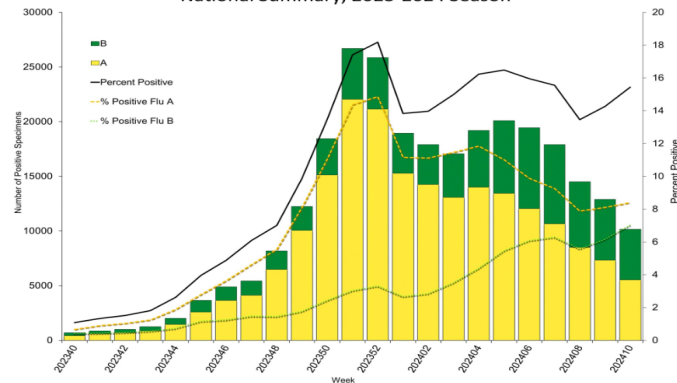
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

| | Week 6 | Week 7 | Week 8 | Week 9 | Season Total | |
|--------------------------------------|---------------|--------------|--------------|--------------|--------------|----------------|
| Army MTF Laboratory Results, 2023-24 | Adenovirus | 16 | 14 | 12 | 12 | 288 |
| | Enterovirus | 55 | 39 | 39 | 40 | 1,028 |
| | Influenza A | 479 | 452 | 419 | 330 | 10,374 |
| | Influenza B | 326 | 304 | 271 | 241 | 4,285 |
| | Parainfluenza | 21 | 16 | 16 | 19 | 281 |
| | RSV | 115 | 76 | 74 | 51 | 5,805 |
| | Negative | 3,584 | 3,866 | 3,520 | 3,043 | 82,290 |
| | Total | 4,596 | 4,767 | 4,351 | 3,736 | 104,351 |

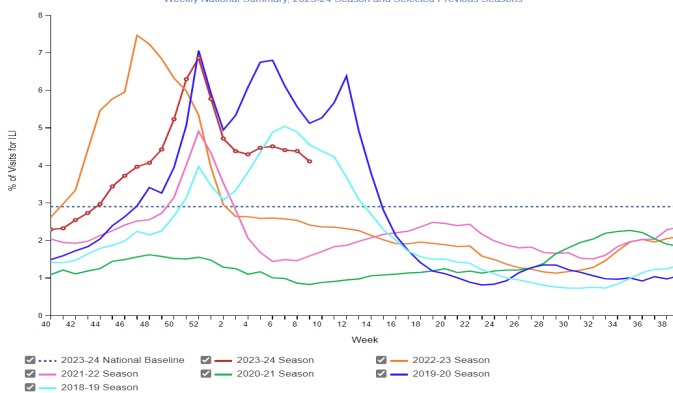
Of the 3,736 specimens tested during Week 9, 18.5% (n=693) were positive for any type of respiratory illness. Influenza A accounted for 47.6% (n=330) of the positive results, influenza B accounted for 34.8% (n=241), RSV accounted for 7.4% (n=51), enterovirus accounted for 5.8% (n=40), parainfluenza accounted for 2.7% (n=19) and adenovirus accounted for 1.7% (n=12). Additionally, the reported number of specimens tested decreased 14.1% from Week 8 to Week 9. Significantly more tests for influenza have been conducted this season compared to past seasons; 102,999 specimens have been tested for influenza A so far this season compared to the average of 68,412 specimens during the same time period in 2018-2023*.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2023-2024 Season



Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season and Selected Previous Seasons

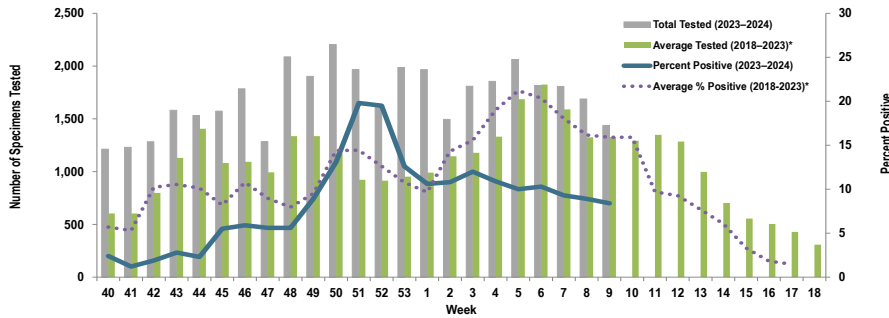


Nationwide in Week 9 (CDC's Week 10), incident ILI activity was 3.7%; this is above the national baseline of 2.9%. Additionally, a total of 65,809 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 10,161 (15.4%) were positive. Influenza A accounted for 55.4% (n=5,532) of the total positive specimens.

Locations providing Week 9 laboratory data as of 14 February 2024: Camp Zama, Carlisle Barracks, Ft. Belvoir, Ft. Bliss, Ft. Campbell, Ft. Cavazos, Ft. Carson, Ft. Drum, Ft. Eisenhower, Ft. Eustis, Ft. Gregg-Adams, Ft. Huachuca, Ft. Irwin, Ft. Jackson, Ft. Johnson, Ft. Knox, Ft. Leavenworth, Ft. Leonard Wood, Ft. Lewis, Ft. Liberty, Ft. Meade, Ft. Moore, Ft. Novosel, Ft. Riley, Ft. Sam Houston, Ft. Sill, Ft. Stewart, Ft. Wainwright, Korea, Landstuhl Regional Medical Center, Redstone Arsenal, Tripler Army Medical Center, the U.S. Military Academy at West Point, and Walter Reed National Military Medical Center.

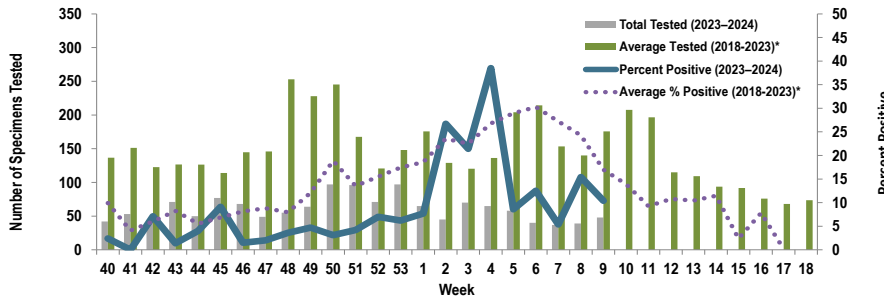
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



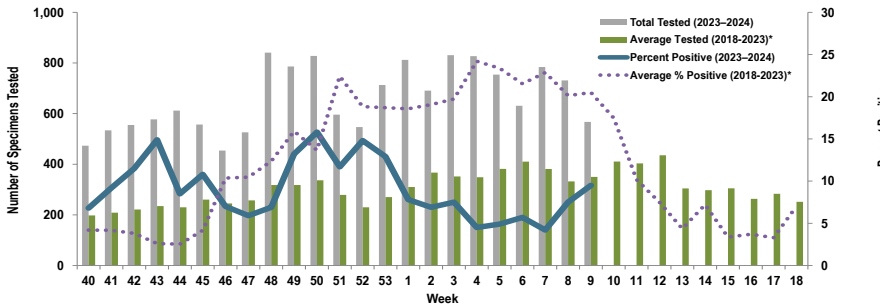
| Week 9 | | | |
|--------------|-----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 38 | 1,224 |
| 18–29 | 29 | 11 | 790 |
| 30–39 | 12 | 6 | 565 |
| 40–49 | 5 | 3 | 378 |
| 50–59 | 2 | 6 | 292 |
| 60+ | 0 | 9 | 318 |
| Total | 48 | 73 | 3,567 |

Medical Readiness Command - Europe (Landstuhl Regional Medical Center)



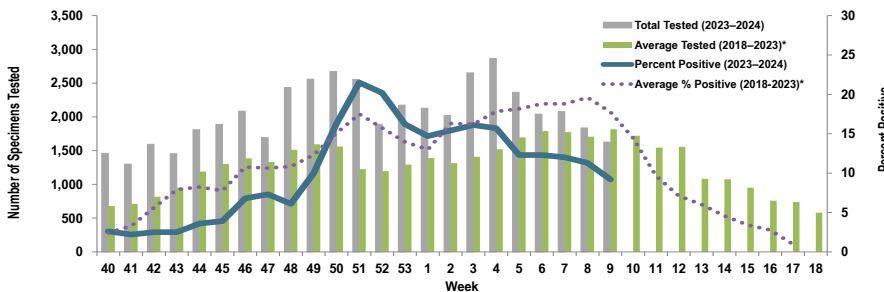
| Week 9 | | | |
|--------------|----------|----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 0 | 43 |
| 18–29 | 1 | 0 | 24 |
| 30–39 | 0 | 3 | 21 |
| 40–49 | 0 | 0 | 17 |
| 50–59 | 0 | 1 | 9 |
| 60+ | 0 | 0 | 5 |
| Total | 1 | 4 | 119 |

Medical Readiness Command - Pacific



| Week 9 | | | |
|--------------|-----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 8 | 360 |
| 18–29 | 30 | 5 | 482 |
| 30–39 | 3 | 0 | 256 |
| 40–49 | 0 | 1 | 103 |
| 50–59 | 0 | 2 | 58 |
| 60+ | 0 | 5 | 107 |
| Total | 33 | 21 | 1,366 |

Medical Readiness Command - West



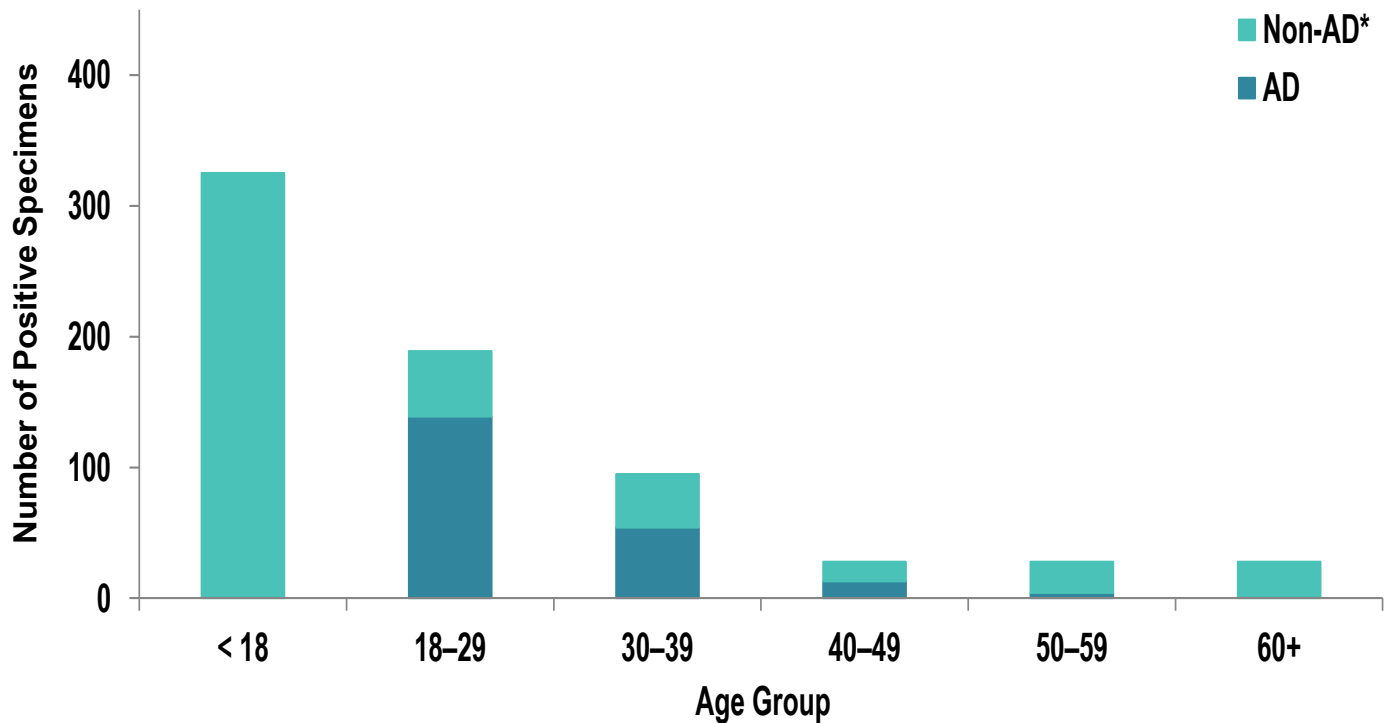
| Week 9 | | | |
|--------------|-----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 45 | 1,852 |
| 18–29 | 37 | 13 | 1,359 |
| 30–39 | 18 | 14 | 852 |
| 40–49 | 2 | 4 | 477 |
| 50–59 | 1 | 9 | 361 |
| 60+ | 0 | 7 | 416 |
| Total | 58 | 92 | 5,317 |

*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

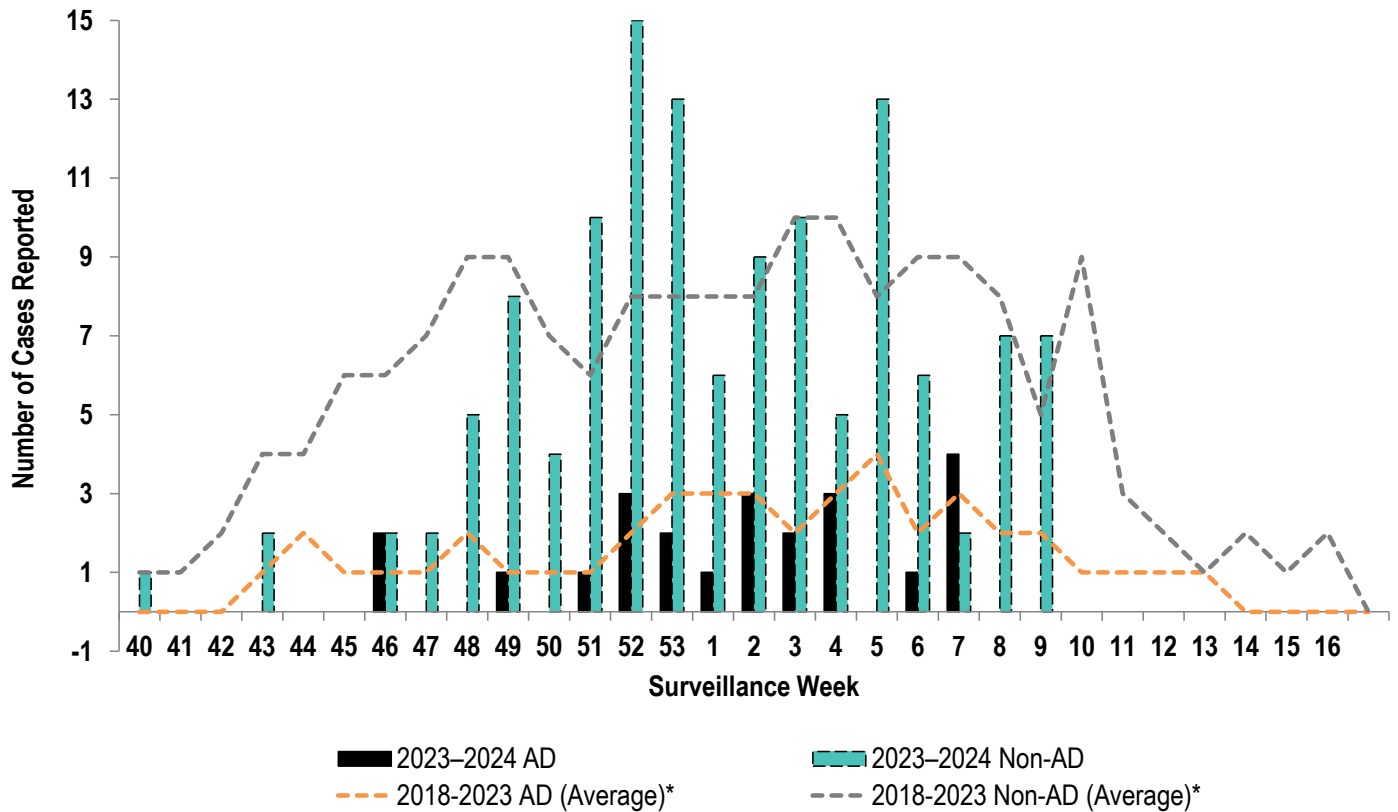
Number of Positive Influenza A Specimens by Region and Duty Status

| Region | Week 6 | | Week 7 | | Week 8 | | Week 9 | |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | AD | Non-AD | AD | Non-AD | AD | Non-AD | AD | Non-AD |
| MRC-East | 63 | 125 | 71 | 97 | 66 | 84 | 48 | 73 |
| MRC-Europe | 2 | 3 | 0 | 2 | 1 | 5 | 1 | 4 |
| MRC-Pacific | 15 | 21 | 13 | 20 | 33 | 22 | 33 | 21 |
| MRC-West | 52 | 198 | 77 | 172 | 79 | 129 | 58 | 92 |

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 9

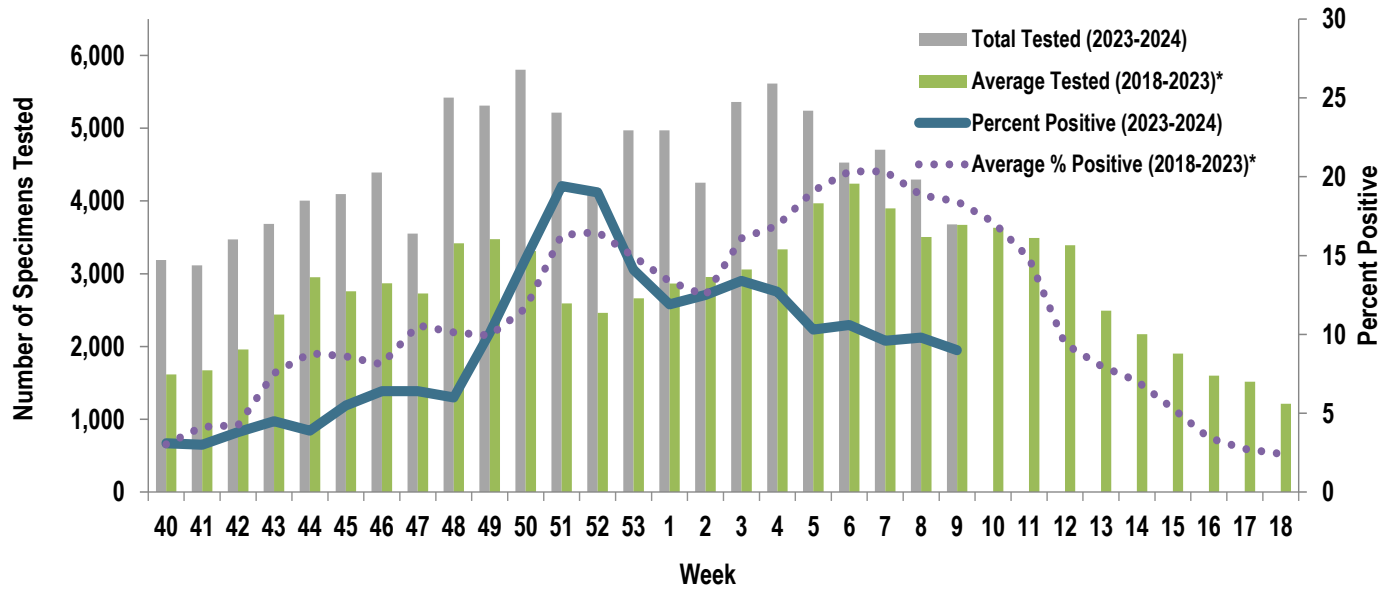


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



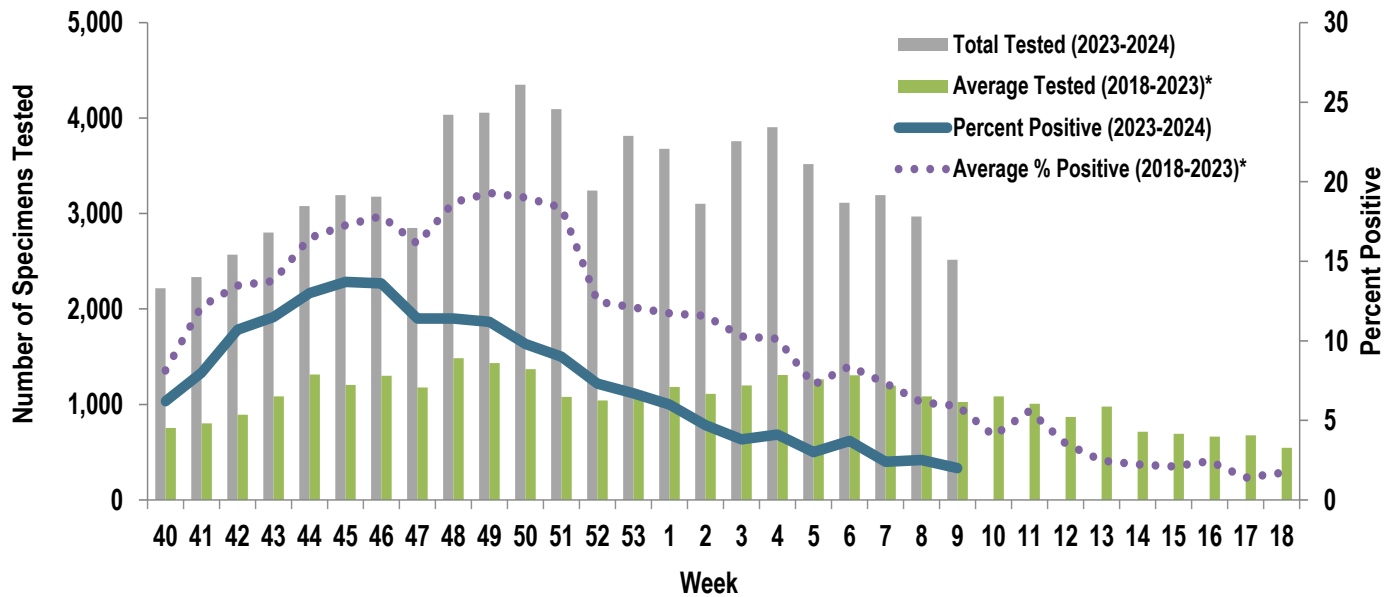
*2018-2019, 2019-2020, and 2022-2023 influenza seasons. Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



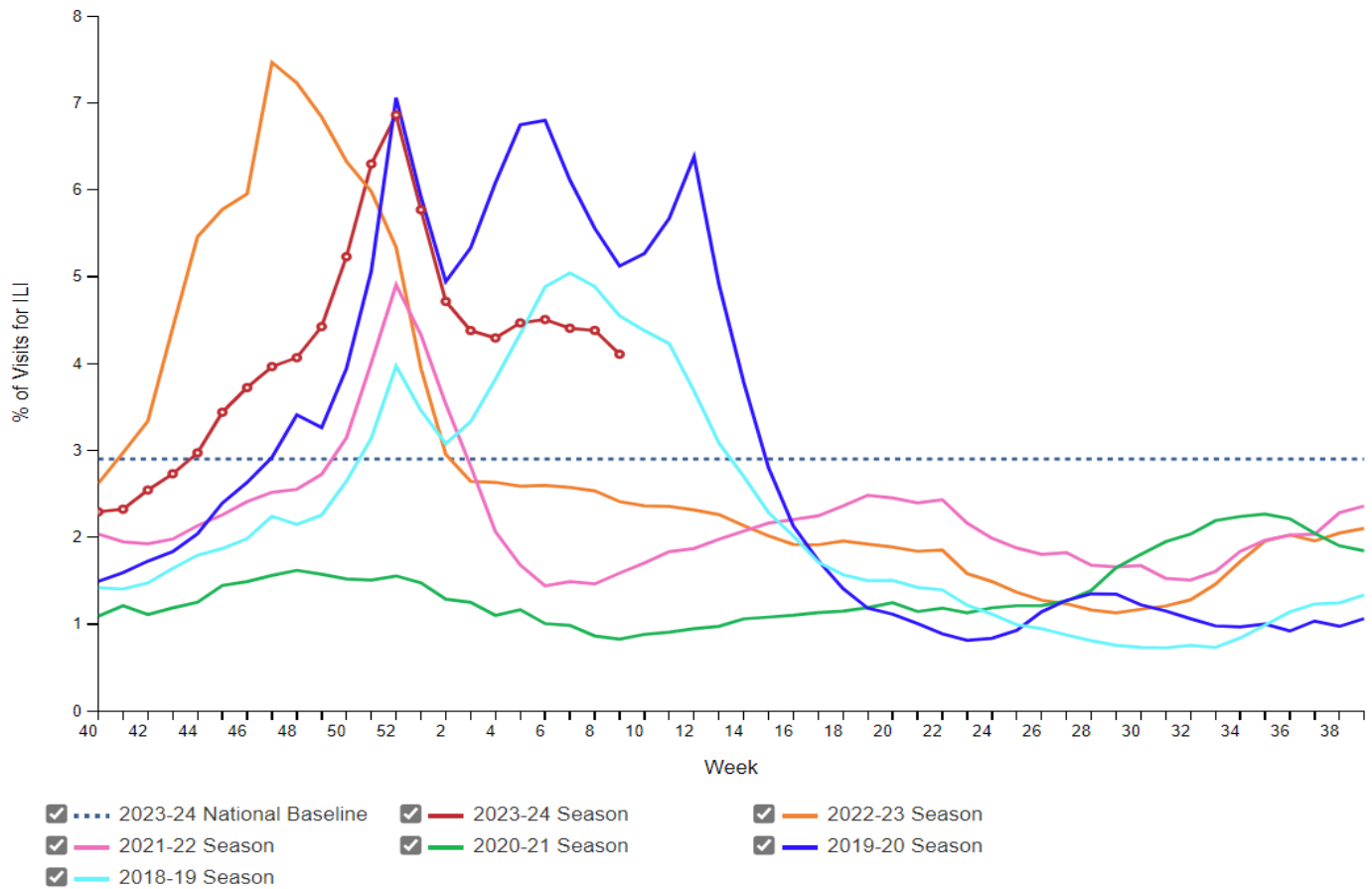
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

Proportion of Positive RSV Specimens for U.S. Army, 2023-2024



*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season and Selected Previous Seasons



Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2023-2024 Season

