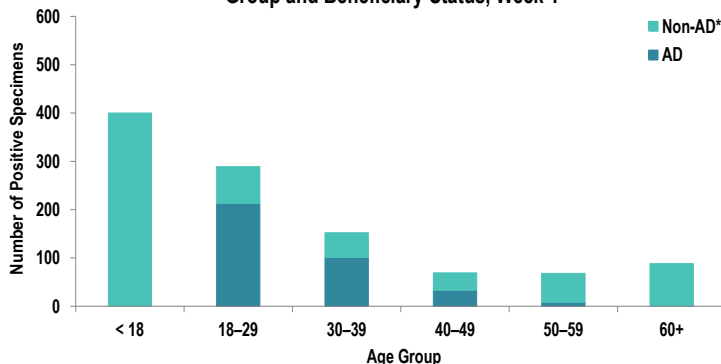


SUMMARY

Although influenza activity in the Army population is elevated, a downward trend in activity has been occurring since Week 51—a 16% reduction in influenza A activity (measured as percent positivity) from Week 53 to Week 1 was noted. Five hundred and ninety positive influenza A specimens and one hundred and eighty-four influenza B specimens were reported during Week 1. Five influenza-associated hospitalizations were reported during surveillance week 1, which is half of the average number of hospitalizations reported in Week 1 during 2018-2023. Nationwide, influenza activity is decreasing, with 13.7% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC).

DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 1



AD: Three hundred and fifty-five positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 1; 60.0% (n=213) of the positive specimens were collected from SMs 18 – 29 years of age.

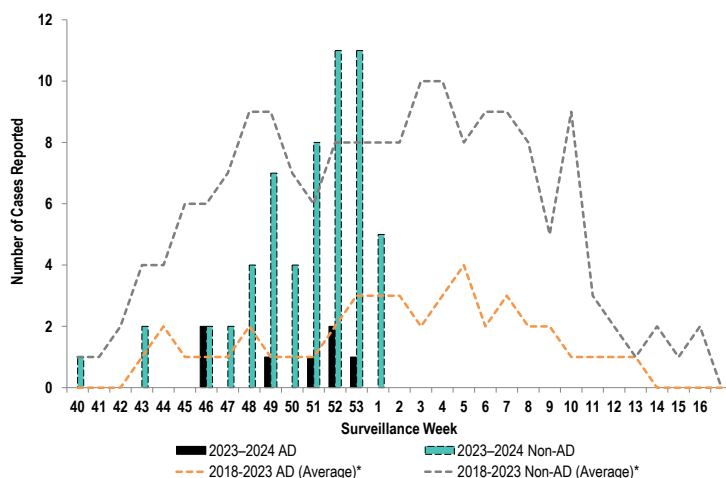
Non-AD: Seven hundred and eleven positive respiratory specimens were collected from non-AD individuals during Week 1; 56.3% (n=400) of the positive specimens were collected from individuals under 18 years of age and 12.4% from those 60 and older.

*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



Five influenza-associated hospitalizations with an onset date in Week 1 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 64 hospitalizations. The Week 1 average during the 2018 – 2023 seasons was 10 hospitalizations (with an average of 93 hospitalizations reported from the start of the season through Week 1).

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.

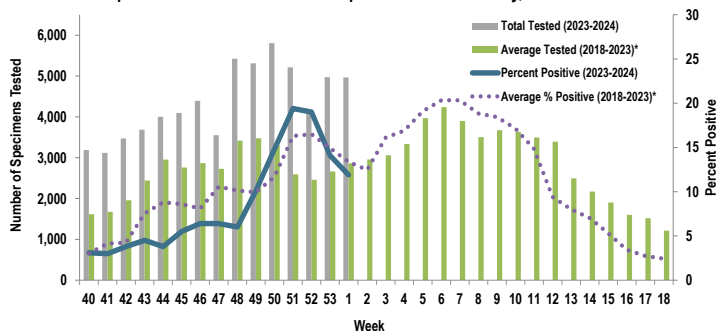
Disclaimer: The mention of any non-federal entity and/or its products is for informational purposes only, and not to be construed or interpreted, in any manner, as federal endorsement of that non-federal entity or its products.

Questions?
Email DCPH-A DEP

INFLUENZA A ACTIVITY - ARMY

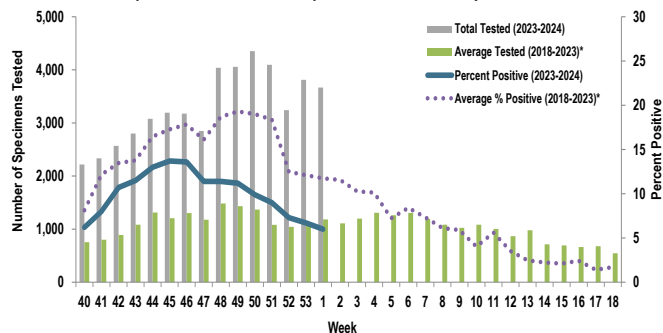
RSV ACTIVITY - ARMY

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



Of the 4,964 specimens tested for influenza A during Week 1, 11.9% (n=590) were positive. This was a 2 percentage-point decrease from Week 53.

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



Of the 3,668 specimens tested for RSV during Week 1, 6.0% (n=221) were positive. This was a decrease of less than 1 percentage-point since Week 53.

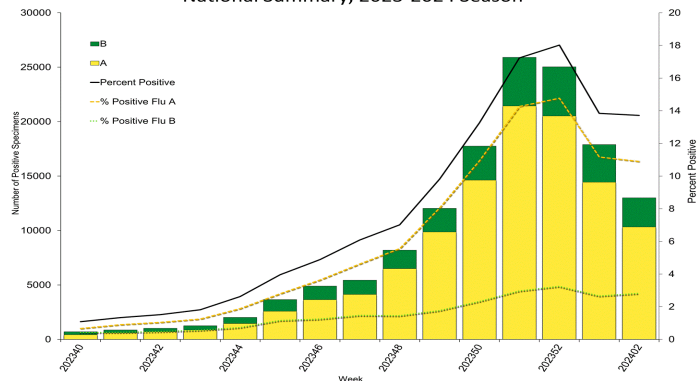
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

| | | Week 51 | Week 52 | Week 53 | Week 1 | Season Total |
|---|---------------|--------------|--------------|--------------|--------------|---------------|
| Army MTF Laboratory Results, 2023-24 | Adenovirus | 17 | 6 | 9 | 17 | 191 |
| | Enterovirus | 36 | 30 | 34 | 38 | 707 |
| | Influenza A | 1,013 | 785 | 701 | 590 | 6,189 |
| | Influenza B | 241 | 209 | 215 | 184 | 1,901 |
| | Parainfluenza | 13 | 6 | 4 | 16 | 174 |
| | RSV | 370 | 236 | 254 | 221 | 4,938 |
| | Negative | 3,642 | 2,909 | 3,790 | 3,947 | 52,111 |
| | Total | 5,332 | 4,181 | 5,007 | 5,013 | 66,211 |

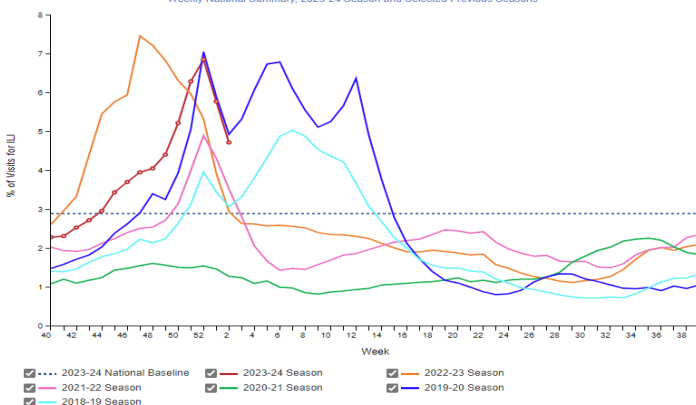
Of the 5,013 specimens tested during Week 1, 21.3% (n=1,066) were positive for any type of respiratory illness. Influenza A accounted for 55.3% (n=590) of the positive results, RSV accounted for 20.7% (n=221), influenza B accounted for 17.3% (n=184), enterovirus accounted for 3.6% (n=38), adenovirus accounted for 1.6% (n=17) and parainfluenza accounted for 1.5% (n=16). Additionally, the reported number of specimens tested increased by less than 1.0% from Week 53 to Week 1. Significantly more tests for influenza have been conducted this season compared to past seasons; 65,321 specimens have been tested for influenza A so far this season compared to the average of 39,782 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

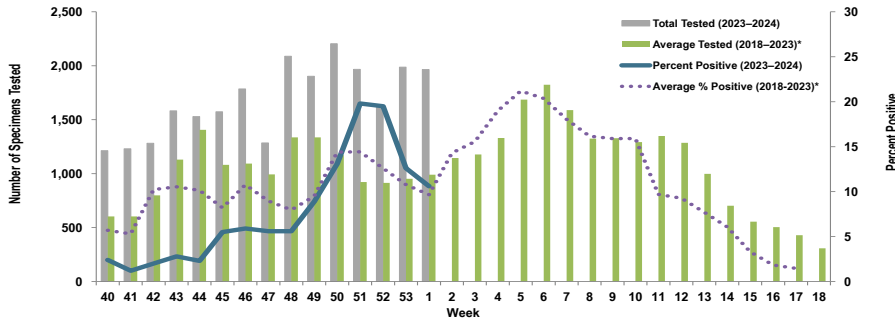


Nationwide in Week 1, incident ILI activity was 4.7%; this is above the national baseline of 2.9%. Additionally, a total of 94,815 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 13,006 (13.7%) were positive. Influenza A accounted for 79.4% (n=10,330) of the total positive specimens.

Locations providing Week 1 laboratory data as of 17 January 2024: Camp Zama, 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.

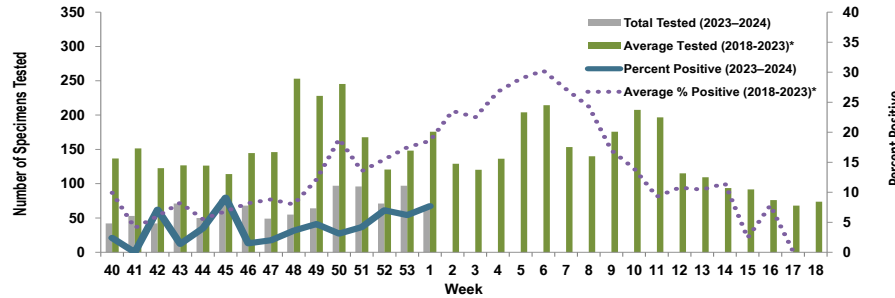
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



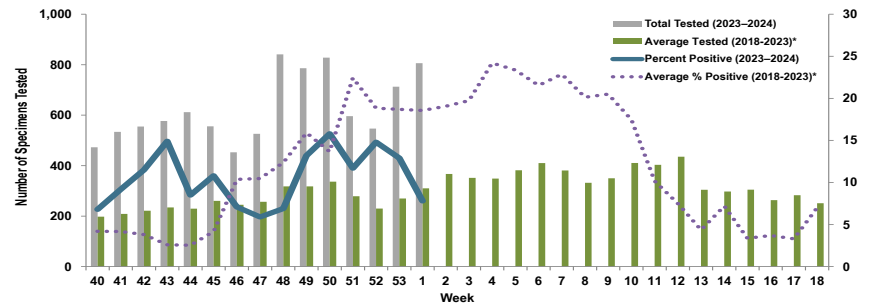
| Week 1 | | | |
|--------------|-----------|------------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 69 | 806 |
| 18–29 | 36 | 24 | 348 |
| 30–39 | 15 | 13 | 335 |
| 40–49 | 10 | 6 | 263 |
| 50–59 | 3 | 16 | 185 |
| 60+ | 0 | 17 | 216 |
| Total | 64 | 145 | 2,153 |

Medical Readiness Command - Europe



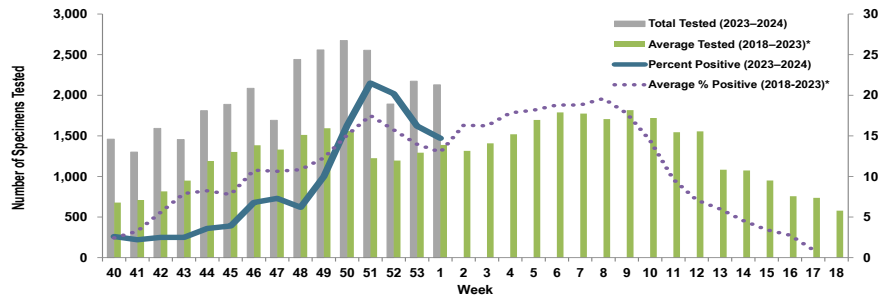
| Week 1 | | | |
|--------------|----------|----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 4 | 13 |
| 18–29 | 1 | 0 | 11 |
| 30–39 | 0 | 0 | 7 |
| 40–49 | 0 | 0 | 9 |
| 50–59 | 0 | 0 | 3 |
| 60+ | 0 | 0 | 1 |
| Total | 1 | 4 | 44 |

Medical Readiness Command - Pacific



| Week 1 | | | |
|--------------|-----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 14 | 273 |
| 18–29 | 15 | 3 | 352 |
| 30–39 | 13 | 4 | 193 |
| 40–49 | 4 | 3 | 80 |
| 50–59 | 0 | 1 | 34 |
| 60+ | 0 | 6 | 72 |
| Total | 32 | 31 | 1,004 |

Medical Readiness Command - West



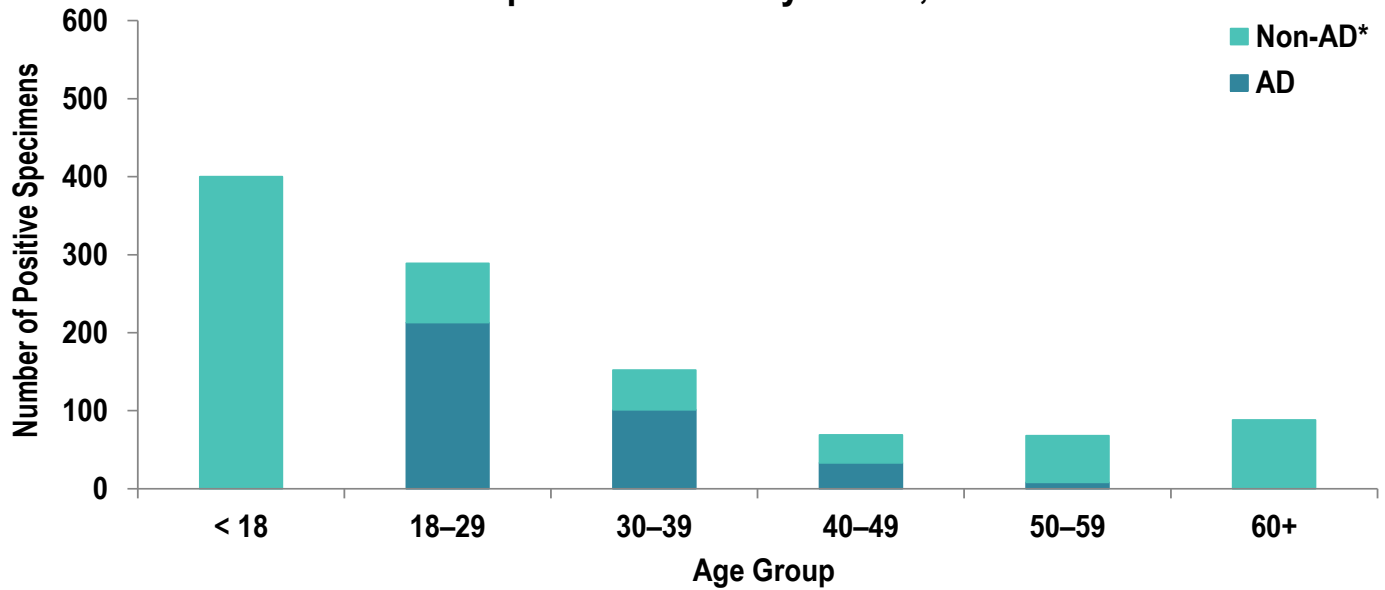
| Week 1 | | | |
|--------------|------------|------------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 82 | 1,192 |
| 18–29 | 78 | 26 | 561 |
| 30–39 | 34 | 12 | 442 |
| 40–49 | 9 | 17 | 310 |
| 50–59 | 2 | 26 | 218 |
| 60+ | 0 | 27 | 262 |
| Total | 123 | 190 | 2,985 |

*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.

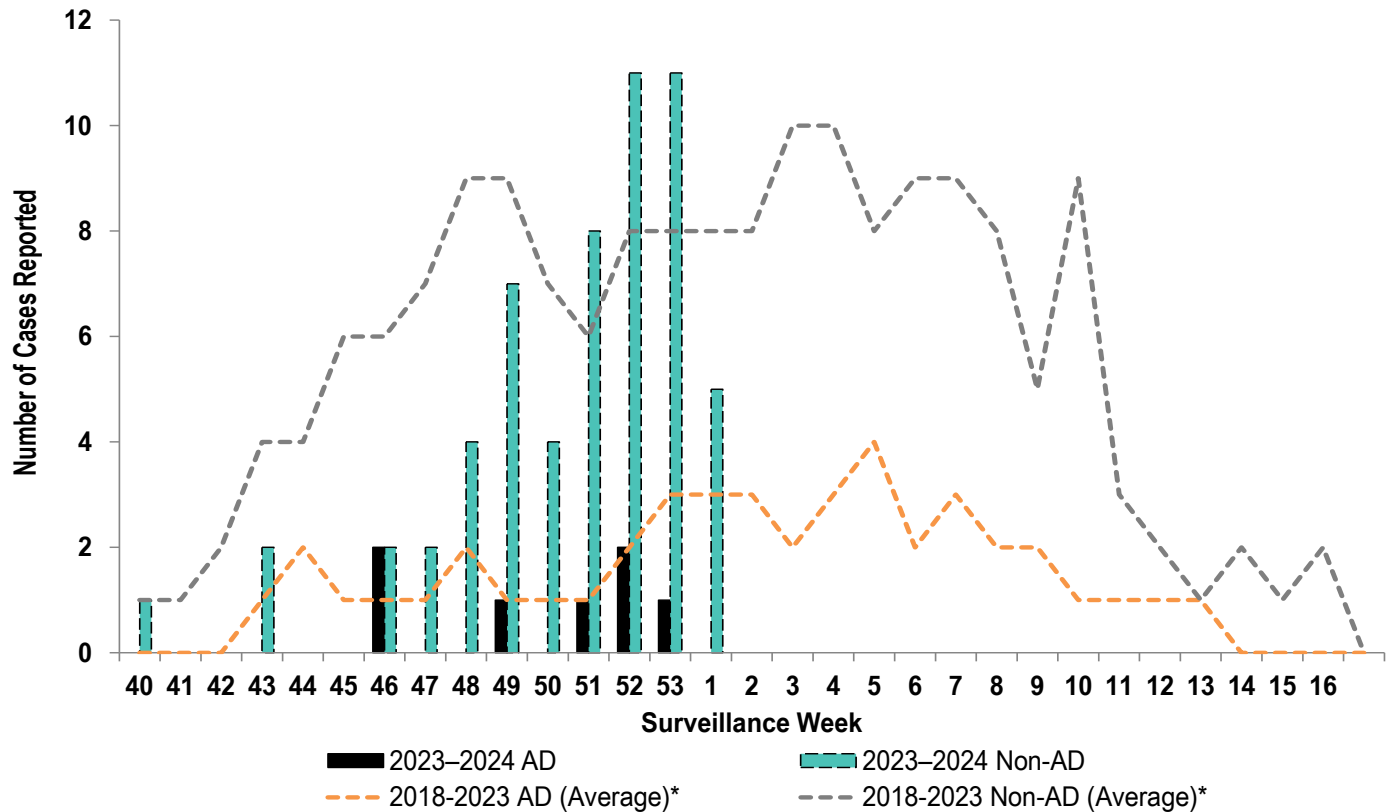
Number of Positive Influenza A Specimens by Region and Duty Status

| Region | Week 51 | | Week 52 | | Week 53 | | Week 1 | |
|-------------|---------|--------|---------|--------|---------|--------|--------|--------|
| | AD | Non-AD | AD | Non-AD | AD | Non-AD | AD | Non-AD |
| MRC-East | 74 | 315 | 64 | 253 | 82 | 168 | 64 | 145 |
| MRC-Europe | 1 | 3 | 3 | 2 | 2 | 4 | 1 | 4 |
| MRC-Pacific | 33 | 37 | 41 | 40 | 57 | 35 | 32 | 31 |
| MRC-West | 75 | 475 | 54 | 328 | 87 | 266 | 123 | 190 |

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 1

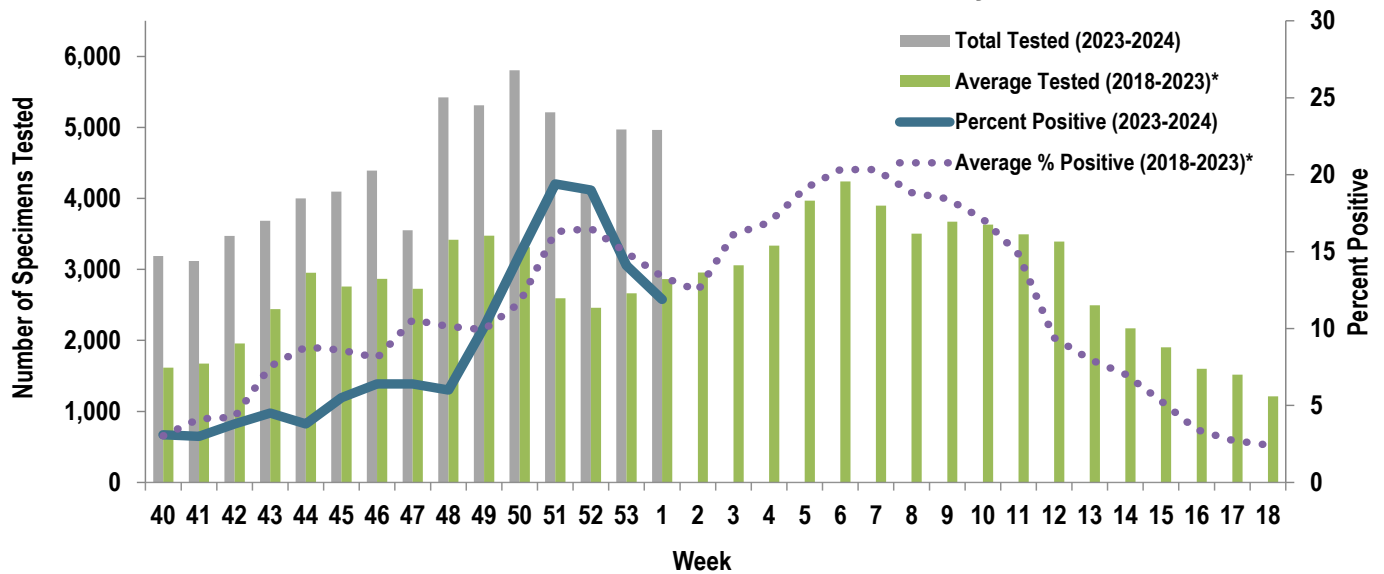


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



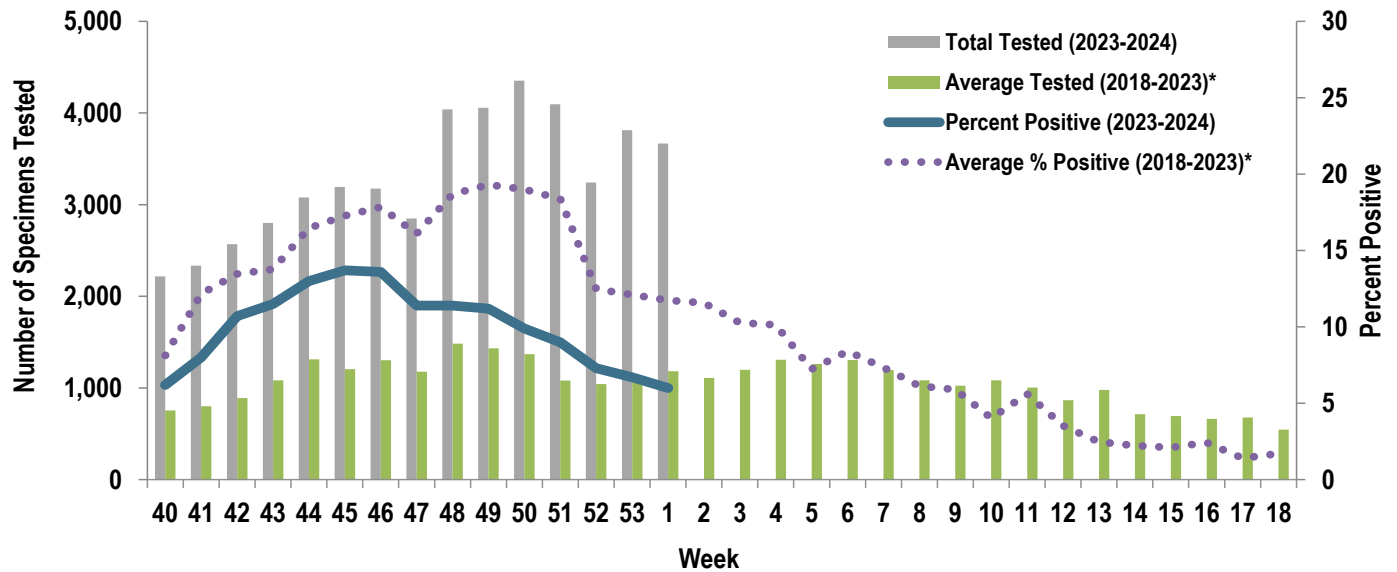
*2018-2019, 2019-2020, and 2022-2023 influenza seasons. Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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



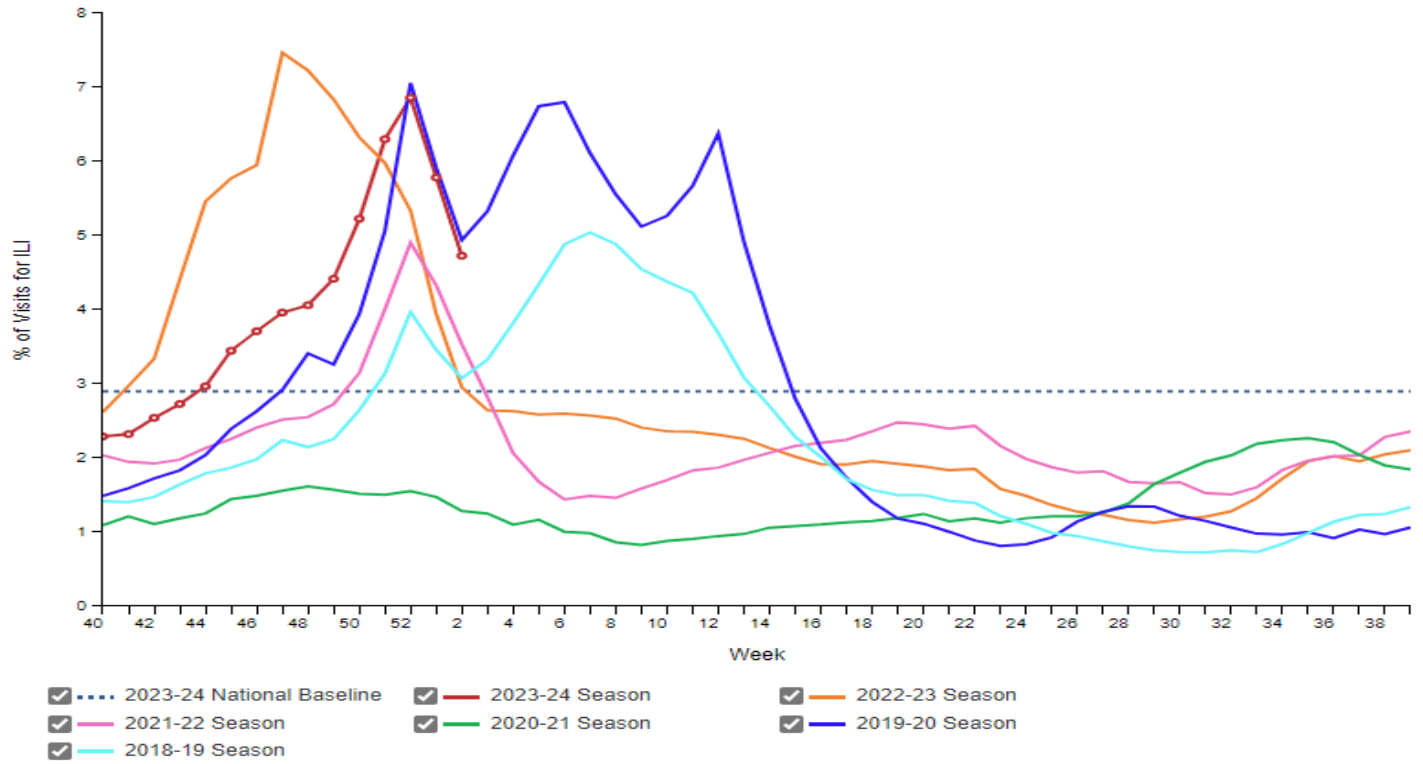
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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

