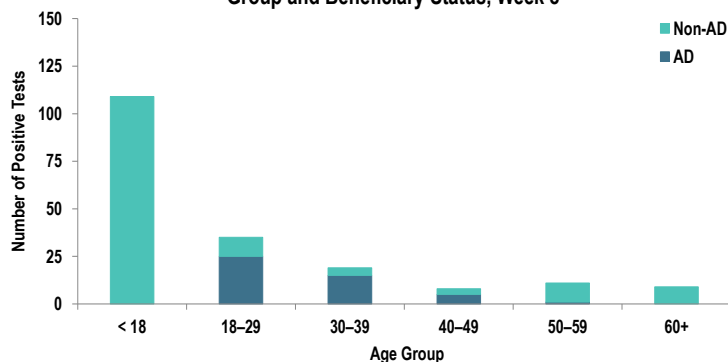


SUMMARY

Influenza A activity is stable in the Army population. Sixty-eight positive influenza A and twenty-five influenza B specimens were reported during surveillance Week 8. No influenza-associated hospitalizations were reported in Week 8; the season total thus far is 153 hospitalizations compared to an average of 157 influenza-associated hospitalizations during the same time period during 2017–2020. Nationwide, influenza activity remains stable, with 1.0% 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 8



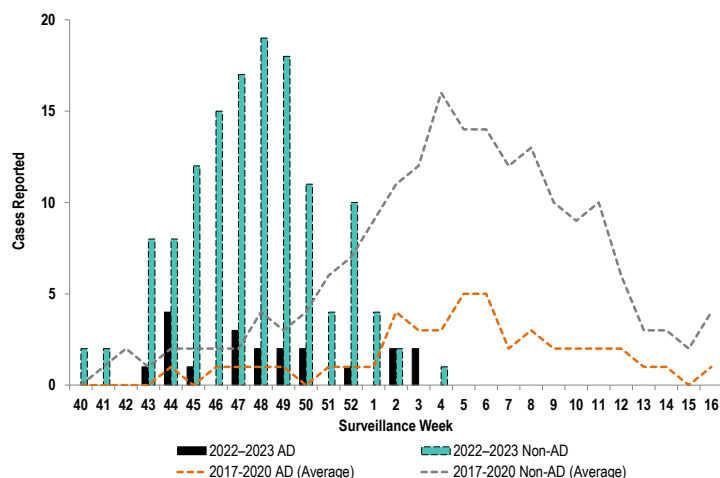
AD: Forty-six positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 8; 54.3% (n=25) of the positive specimens were collected from SMs 18 – 29 years of age.

Non-AD: One hundred and forty-five positive respiratory specimens were collected from non-AD individuals during Week 8; 75.2% (n=109) of the positive specimens were collected from individuals under 18 years of age.

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



No influenza-associated hospitalizations with an onset date in Week 8 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 153 hospitalizations. The Week 8 average during the 2017–2020 seasons was 11 hospitalizations (with an average of 157 hospitalizations reported from the start of the season through Week 8).

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

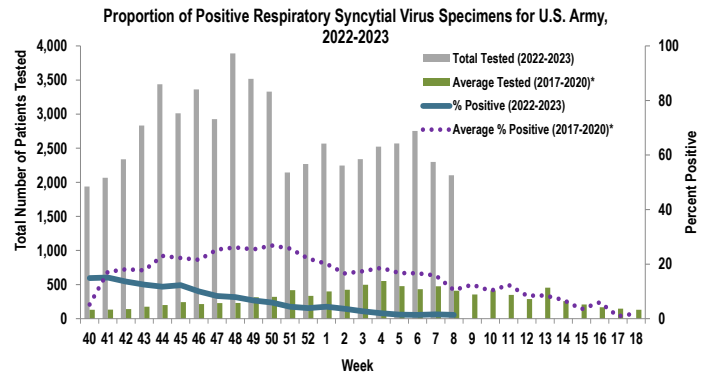
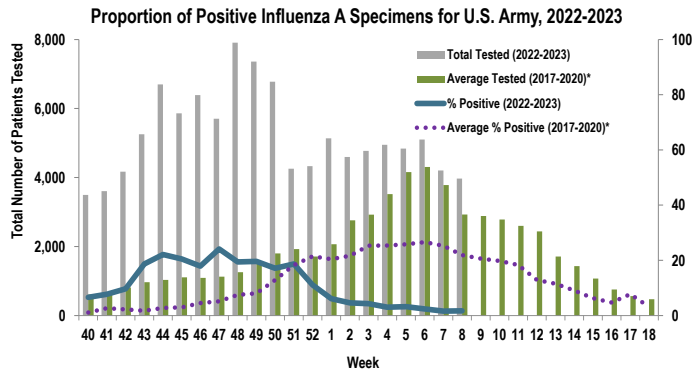
Data are preliminary and subject to change.

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



Of the 3,970 specimens tested for influenza A during Week 8, 1.7% (n=68) were positive. This is a slight increase from Week 7 (1.6%).

Of the 2,104 specimens tested for RSV during Week 8, 1.4% (n=30) were positive. This is a decrease from Week 7 (1.6%).

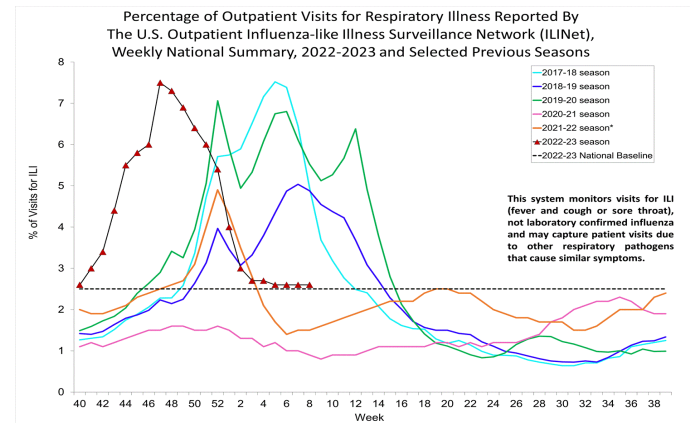
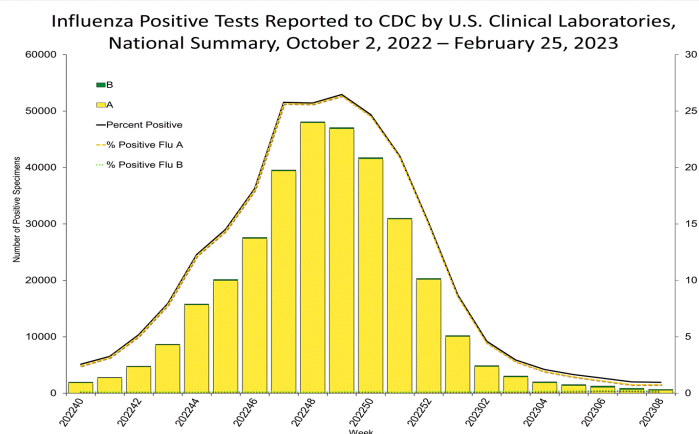
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

| | | Week 5 | Week 6 | Week 7 | Week 8 | Season Total |
|---|---------------|--------------|--------------|--------------|--------------|----------------|
| Army MTF Laboratory Results, 2022-23 | Adenovirus | 21 | 29 | 26 | 27 | 416 |
| | Enterovirus | 46 | 29 | 34 | 27 | 521 |
| | Influenza A | 153 | 121 | 66 | 68 | 13,790 |
| | Influenza B | 29 | 28 | 28 | 25 | 668 |
| | Parainfluenza | 17 | 22 | 21 | 14 | 503 |
| | RSV | 39 | 39 | 37 | 30 | 3,998 |
| | Negative | 4,649 | 4,921 | 4,105 | 3,863 | 90,997 |
| | Total | 4,954 | 5,189 | 4,317 | 4,054 | 110,893 |

Of the 4,054 specimens tested during Week 8, 4.7% (n=191) were positive for any type of respiratory illness. Influenza A accounted for 35.6% (n=68), RSV accounted for 15.7% (n=30), adenovirus (n=27) and enterovirus (n=27) both accounted for 14.1%, influenza B accounted for 13.1% (n=25), and parainfluenza accounted for 7.3% (n=14). Additionally, the reported number of specimens tested decreased by 6.1% from Week 7 to Week 8.

Significantly more tests for influenza have been conducted this season compared to past seasons; 109,365 specimens have been tested for influenza A so far this season compared to the average of 42,111 specimens during the same time period in 2017-2020.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES



Nationwide in Week 8, incident ILI activity was 2.6%; this is above the national baseline of 2.5%. Additionally, a total of 70,339 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 682 (1.0%) were positive. Influenza A accounted for 78.9% (n=538) of the total positive specimens.

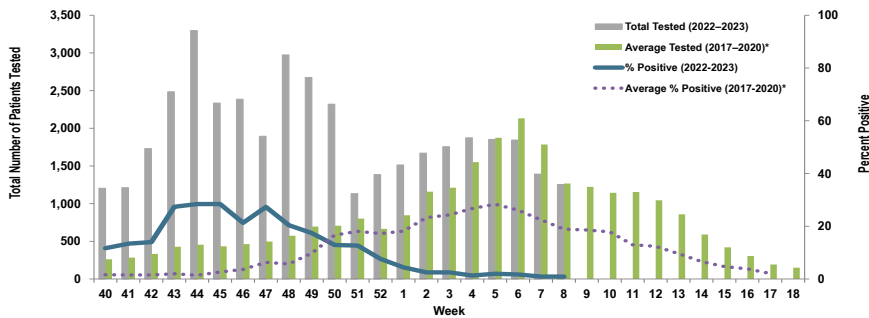
Locations providing Week 8 laboratory data as of 1 March 2023: Carlisle Barracks, Ft. Belvoir, Ft. Benning, Ft. Bliss, Ft. Bragg, Ft. Campbell, Camp Zama, Ft. Carson, Ft. Drum, Ft. Eustis, Ft. Gordon, Ft. Hood, Ft. Huachuca, Ft. Jackson, Ft. Knox, Ft. Leavenworth, Ft. Lee, Ft. Leonard Wood, Ft. Lewis, Ft. Meade, Ft. Polk, Ft. Riley, Ft. Rucker, 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, and Walter Reed National Military Medical Center.

Army Influenza Activity Report

Week ending 25 February 2023 (Week 8)

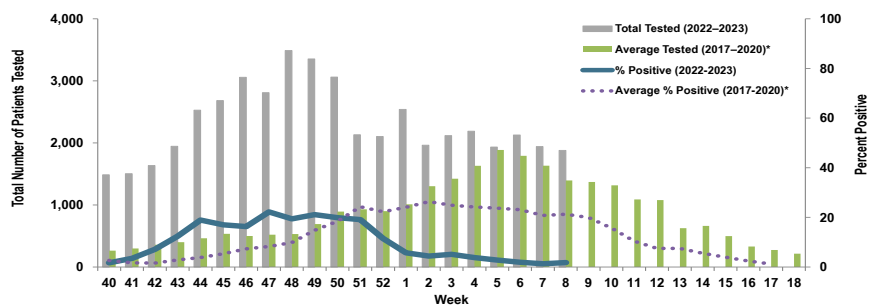
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020*

Regional Health Command - Atlantic (RHC-A)



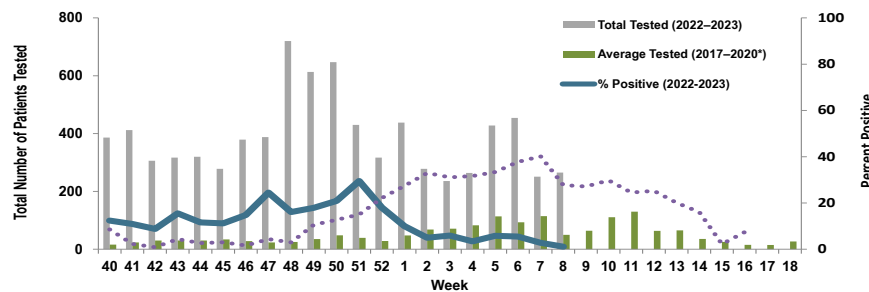
| Week 8 | | | |
|--------------|----------|----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 5 | 2,903 |
| 18–29 | 1 | 2 | 1,237 |
| 30–39 | 1 | 0 | 728 |
| 40–49 | 0 | 0 | 356 |
| 50–59 | 0 | 2 | 240 |
| 60+ | 0 | 0 | 248 |
| Total | 2 | 9 | 5,712 |

Regional Health Command - Central (RHC-C)



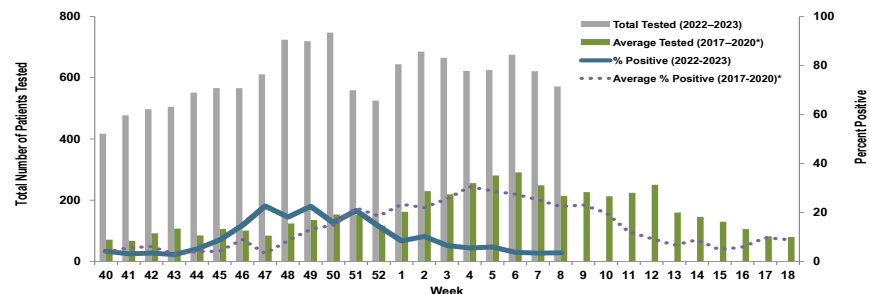
| Week 8 | | | |
|--------------|-----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 10 | 2,778 |
| 18–29 | 7 | 1 | 1,302 |
| 30–39 | 3 | 1 | 708 |
| 40–49 | 2 | 1 | 353 |
| 50–59 | 0 | 4 | 210 |
| 60+ | 0 | 5 | 356 |
| Total | 12 | 22 | 5,707 |

Regional Health Command - Europe (RHC-E)



| Week 8 | | | |
|--------------|----------|----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 2 | 595 |
| 18–29 | 0 | 0 | 202 |
| 30–39 | 0 | 0 | 153 |
| 40–49 | 0 | 0 | 76 |
| 50–59 | 0 | 1 | 24 |
| 60+ | 0 | 0 | 24 |
| Total | 0 | 3 | 1,074 |

Regional Health Command - Pacific (RHC-P)



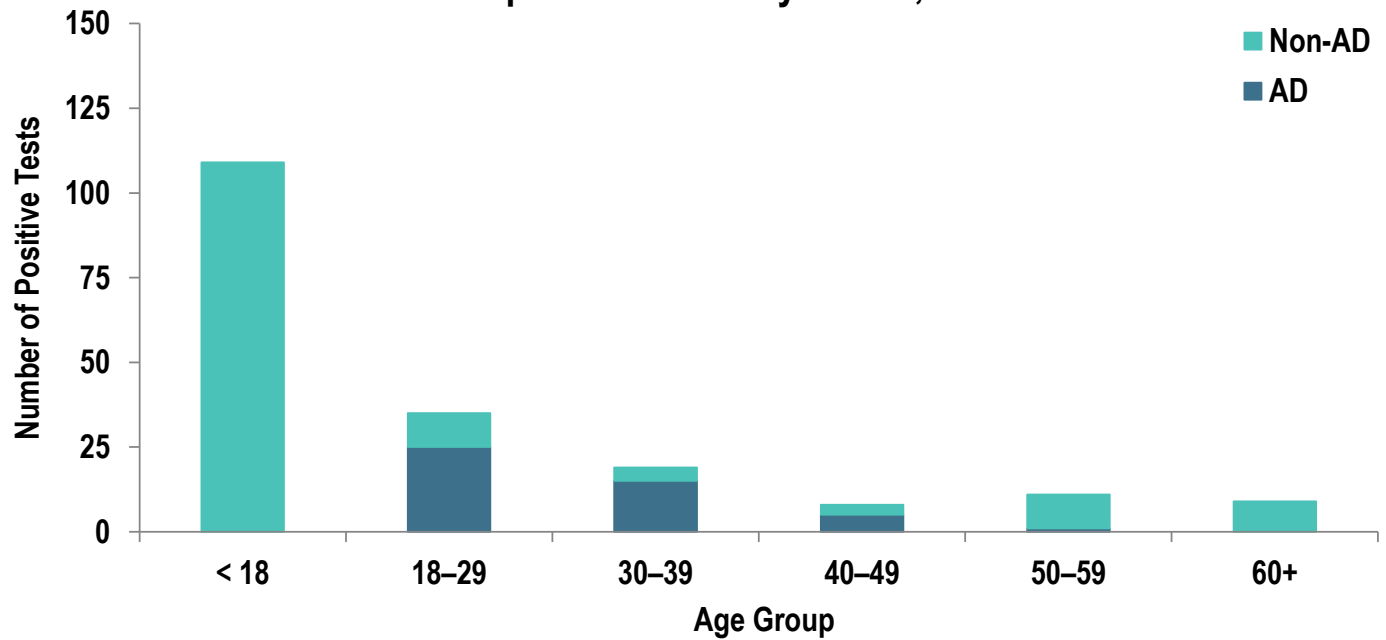
| Week 8 | | | |
|--------------|----------|-----------|--------------|
| Age Group | AD | Non-AD | Season Total |
| < 18 | 0 | 10 | 512 |
| 18–29 | 2 | 0 | 325 |
| 30–39 | 2 | 2 | 213 |
| 40–49 | 2 | 2 | 84 |
| 50–59 | 0 | 0 | 41 |
| 60+ | 0 | 0 | 91 |
| Total | 6 | 14 | 1,266 |

*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

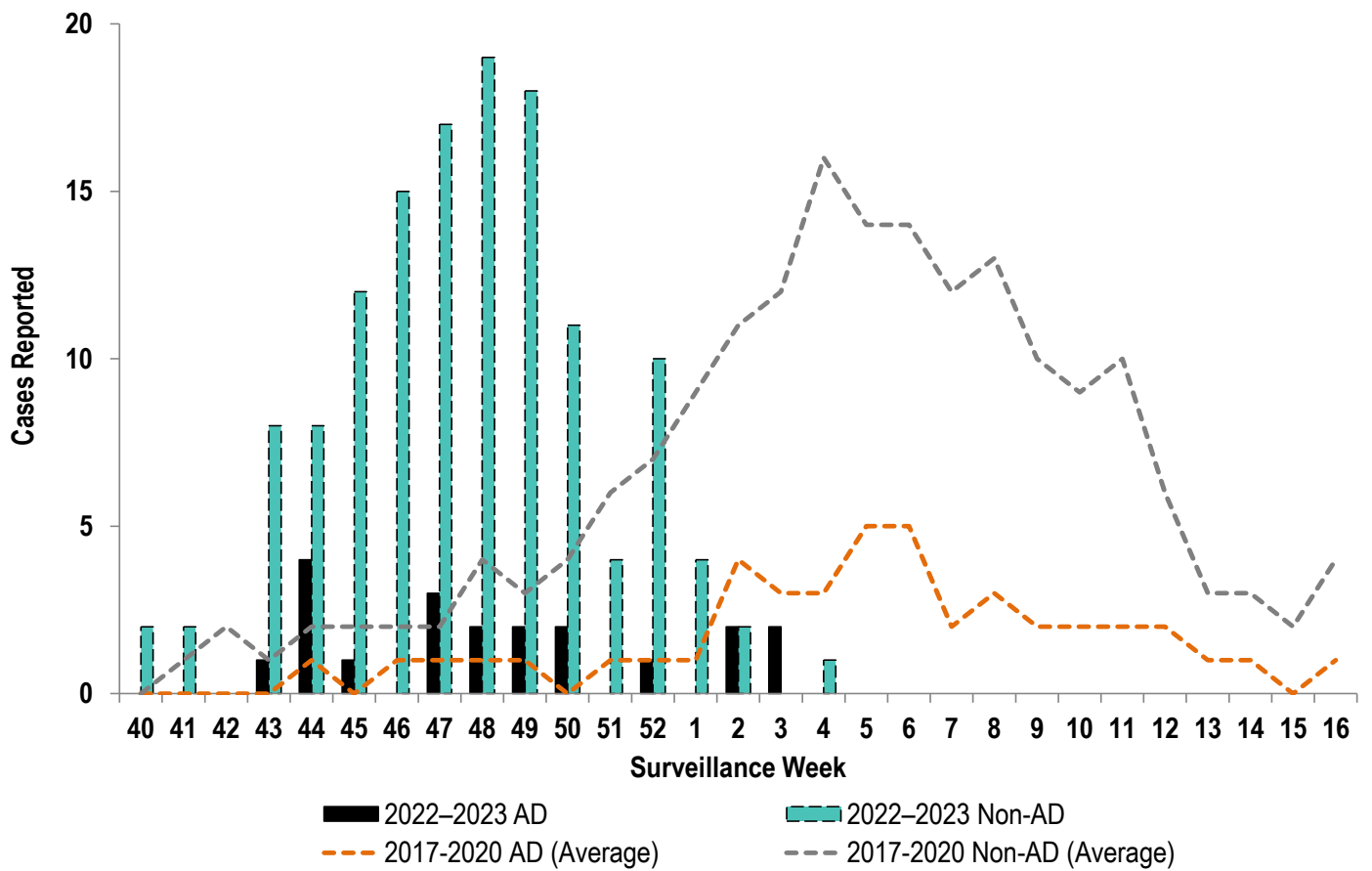
Number of Positive Influenza A Specimens by Region and Duty Status

| Region | Week 5 | | Week 6 | | Week 7 | | Week 8 | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | AD | Non-AD | AD | Non-AD | AD | Non-AD | AD | Non-AD |
| RHC-A | 21 | 16 | 11 | 20 | 2 | 11 | 2 | 9 |
| RHC-C | 19 | 35 | 16 | 24 | 8 | 17 | 12 | 22 |
| RHC-E | 9 | 16 | 9 | 16 | 1 | 6 | 0 | 3 |
| RHC-P | 18 | 19 | 8 | 17 | 11 | 10 | 6 | 14 |

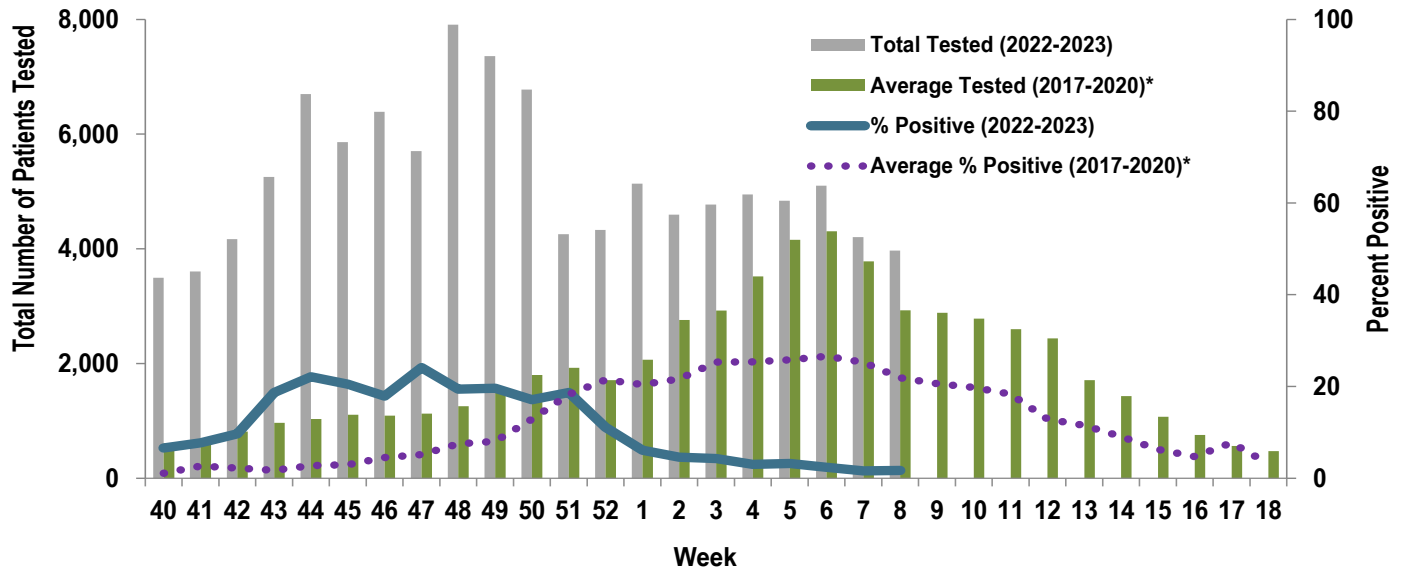
Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 8



Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

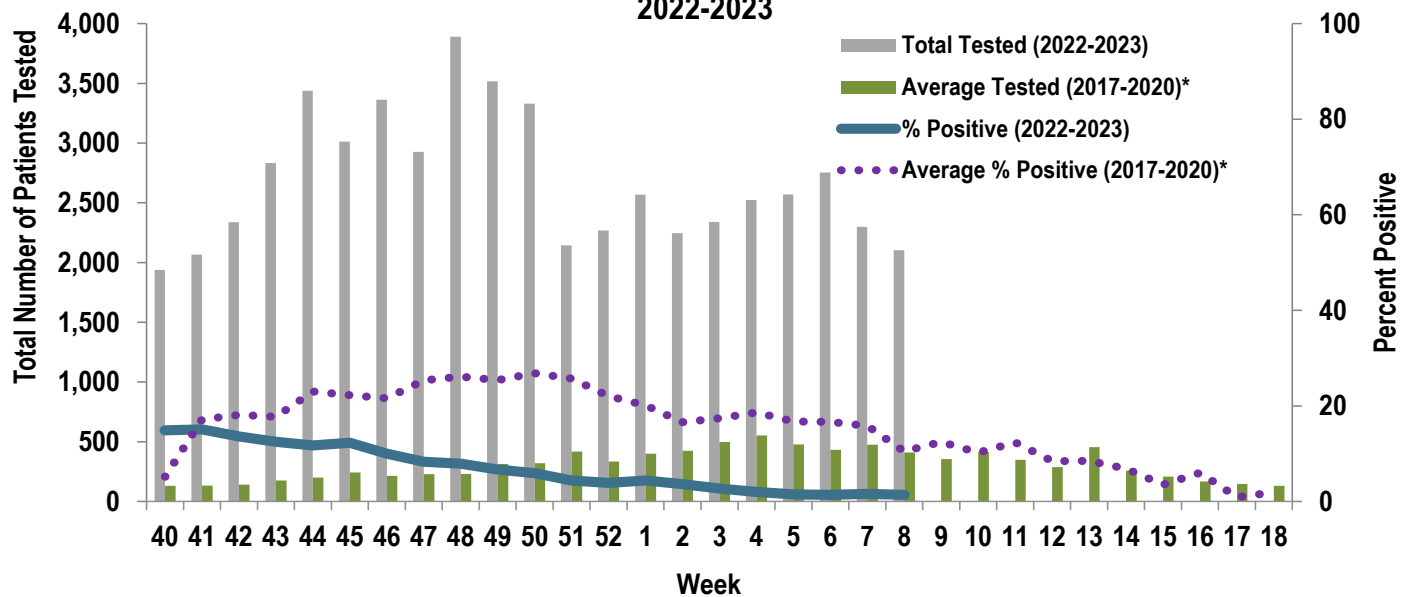


Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



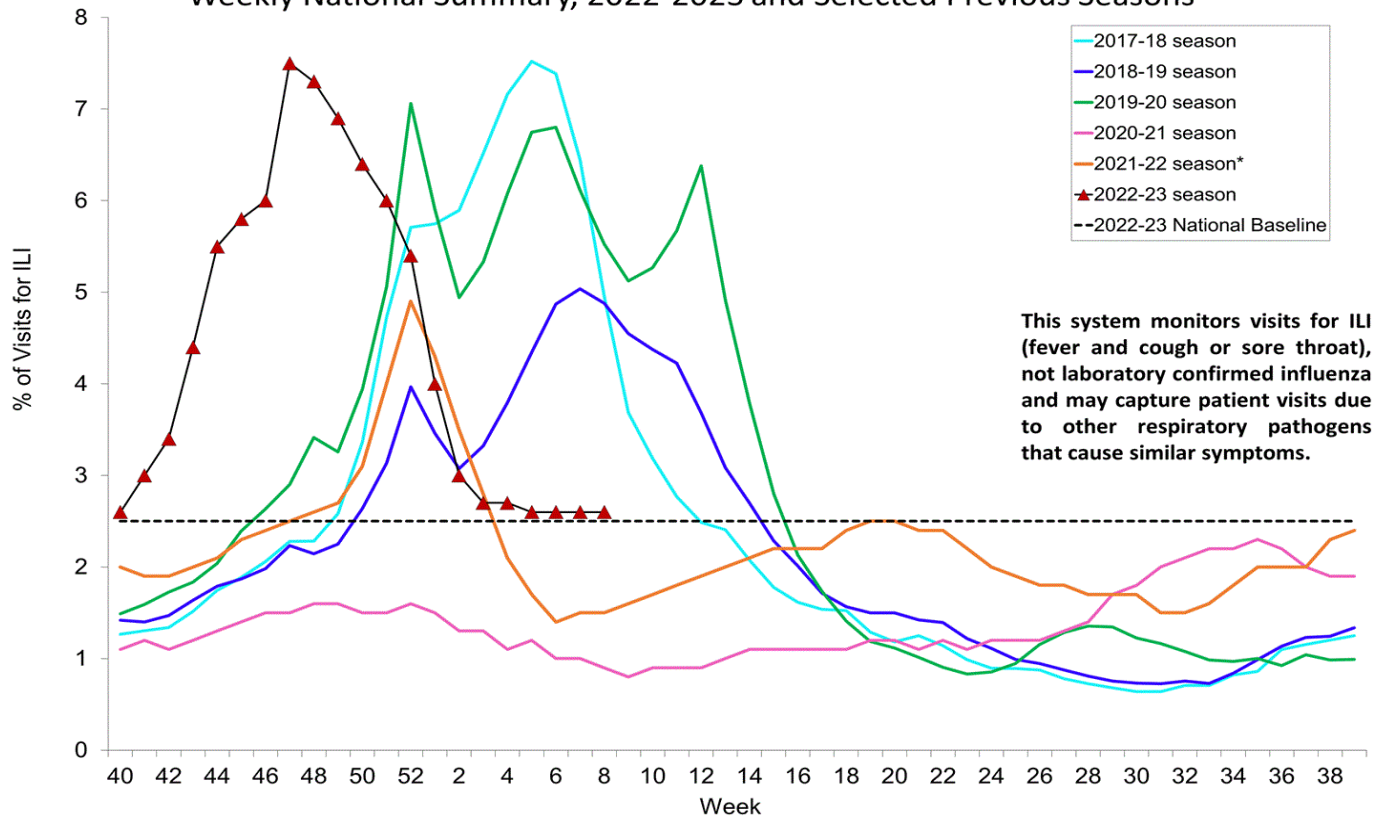
*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

Proportion of Positive Respiratory Syncytial Virus Specimens for U.S. Army, 2022-2023



*2017–2018 influenza season - 2019–2020 influenza season. 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, 2022-2023 and Selected Previous Seasons



Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 2, 2022 – February 25, 2023

