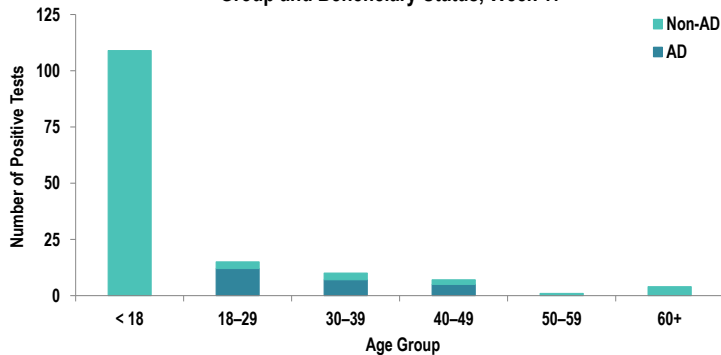


SUMMARY

Influenza A activity is stable in the Army population. Twenty-four positive influenza A and eighteen influenza B specimens were reported during surveillance Week 17. No influenza-associated hospitalizations were reported during week 17; the season total thus far is 159 hospitalizations compared to an average of 200 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 17



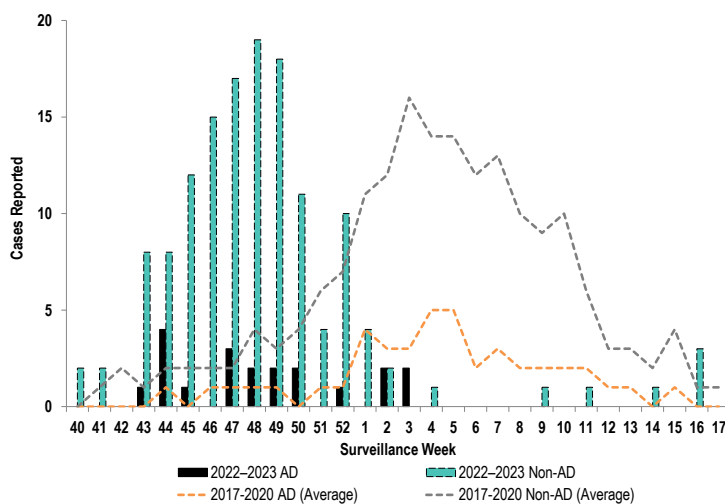
AD: Twenty-four positive respiratory specimens were collected from active duty (AD) Servicemembers (SMs) during Week 17; 50.0% (n=12) of the positive specimens were collected from SMs 18 – 29 years of age.

Non-AD: One hundred twenty-two respiratory specimens were collected from non-AD individuals during Week 17; 89.3% (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 17 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 159 hospitalizations. The Week 17 average during the 2017–2020 seasons was 0 hospitalizations (with an average of 200 hospitalizations reported from the start of the season through Week 17).

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

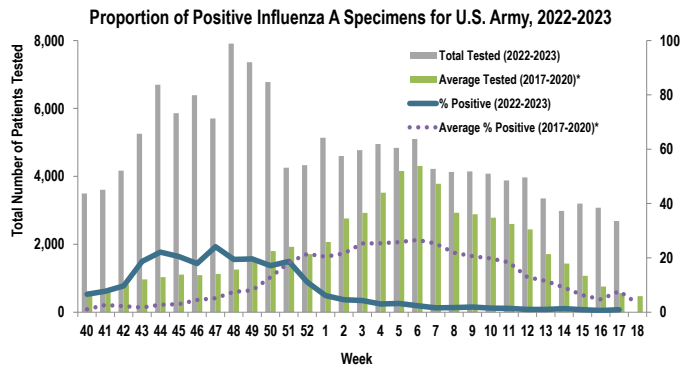
Data are preliminary and subject to change.

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.

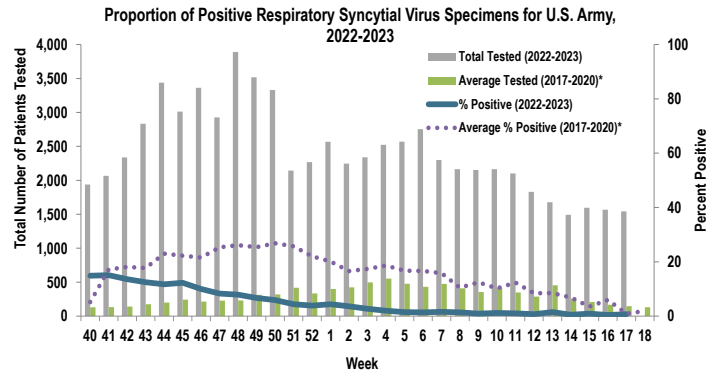
Questions?
[Email APHC DEP](mailto:APHC.DEP)

INFLUENZA A ACTIVITY - ARMY

RSV ACTIVITY - ARMY



Of the 2,684 specimens tested for influenza A during Week 17, 0.9% (n=24) were positive.



Of the 1,543 specimens tested for RSV during Week 17, 0.7% (n=11) were positive.

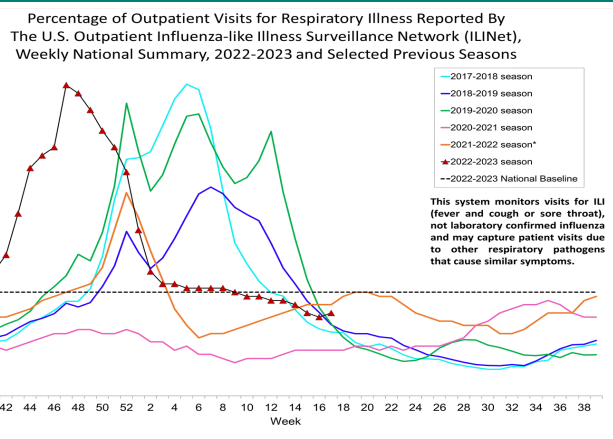
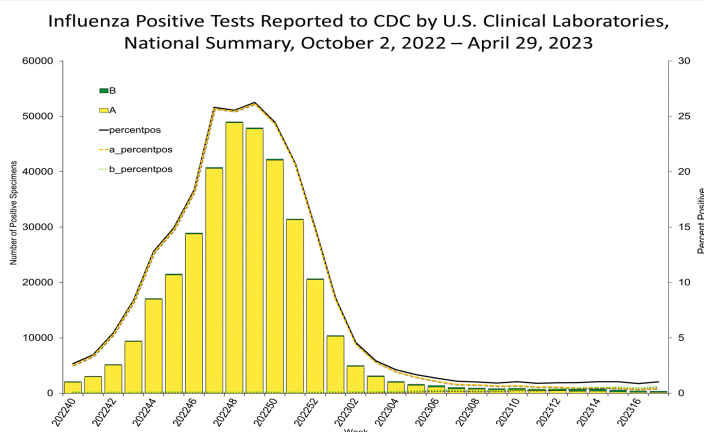
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 14	Week 15	Week 16	Week 17	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	25	21	25	44	681
	Enterovirus	27	29	24	30	781
	Influenza A	38	30	19	24	14,168
	Influenza B	26	26	29	18	922
	Parainfluenza	19	21	22	19	696
	RSV	8	14	6	11	4,141
	Negative	2,918	3,146	3,038	2,609	121,806
	Total	3,061	3,287	3,163	2,755	143,195

Of the 2,755 specimens tested during Week 17, 5.3% (n=146) were positive for any type of respiratory illness. Adenovirus accounted for 30.1% (n=44) of the positive results, enterovirus accounted for 20.5% (n=30), influenza A accounted for 16.4% (n=24), parainfluenza accounted for 13.0% (n=19), influenza B accounted for 12.3% (n=18), and RSV accounted for 7.5% (n=11). Additionally, the reported number of specimens tested decreased by 12.9% from Week 16 to Week 17.

Significantly more tests for influenza have been conducted this season compared to past seasons; 140,905 specimens have been tested for influenza A so far this season compared to the average of 58,353 specimens during the same time period in 2017-2020.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

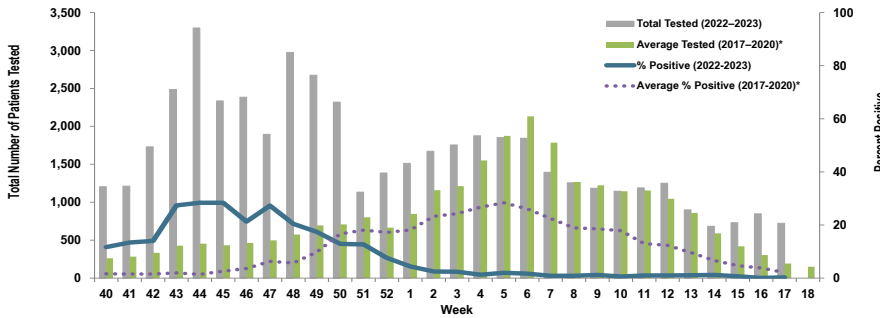


Nationwide in Week 17, incident ILI activity was 2.0%; this is below the national baseline of 2.5%. Additionally, a total of 35,837 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 371 (1.0%) were positive. Influenza A accounted for 42.0% (n=156) of the total positive specimens.

Locations providing Week 17 laboratory data as of 3 May 2023: Ft. Belvoir, Ft. Benning, Ft. Bliss, Ft. Bragg, Ft. Campbell, Camp Zama, Ft. Carson, Ft. Drum, Ft. Eustis, Ft. Gordon, Ft. Gregg-Adams (formerly Ft. Lee), Ft. Huachuca, Ft. Jackson, Ft. Knox, Ft. Leavenworth, Ft. Leonard Wood, Ft. Lewis, Ft. Novosel (formerly Ft. Rucker), 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, and Walter Reed National Military Medical Center.

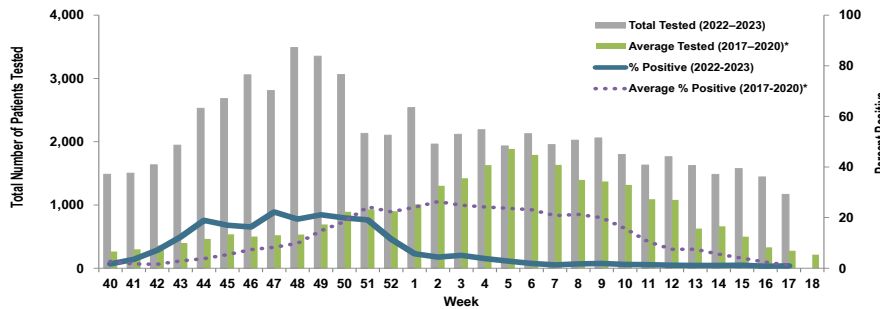
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020*

Medical Readiness Command - Atlantic (MRC-A)



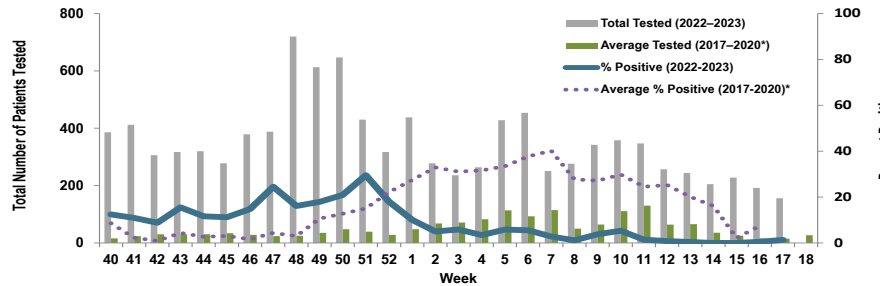
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	0	2,940
18–29	1	0	1,246
30–39	0	0	739
40–49	0	1	363
50–59	0	0	241
60+	0	0	254
Total	1	1	5,783

Medical Readiness Command - Central (MRC-C)



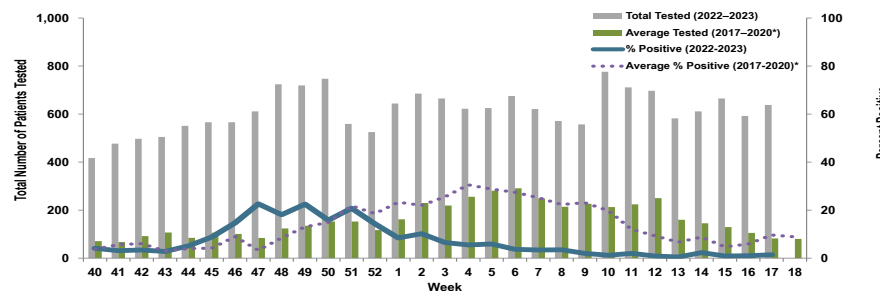
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	3	2,832
18–29	1	0	1,368
30–39	1	1	739
40–49	3	1	369
50–59	0	1	220
60+	0	0	365
Total	5	6	5,893

Medical Readiness Command - Europe (MRC-E)



Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	2	616
18–29	0	0	209
30–39	0	0	161
40–49	0	0	81
50–59	0	0	25
60+	0	0	25
Total	0	2	1,117

Medical Readiness Command - Pacific (MRC-P)



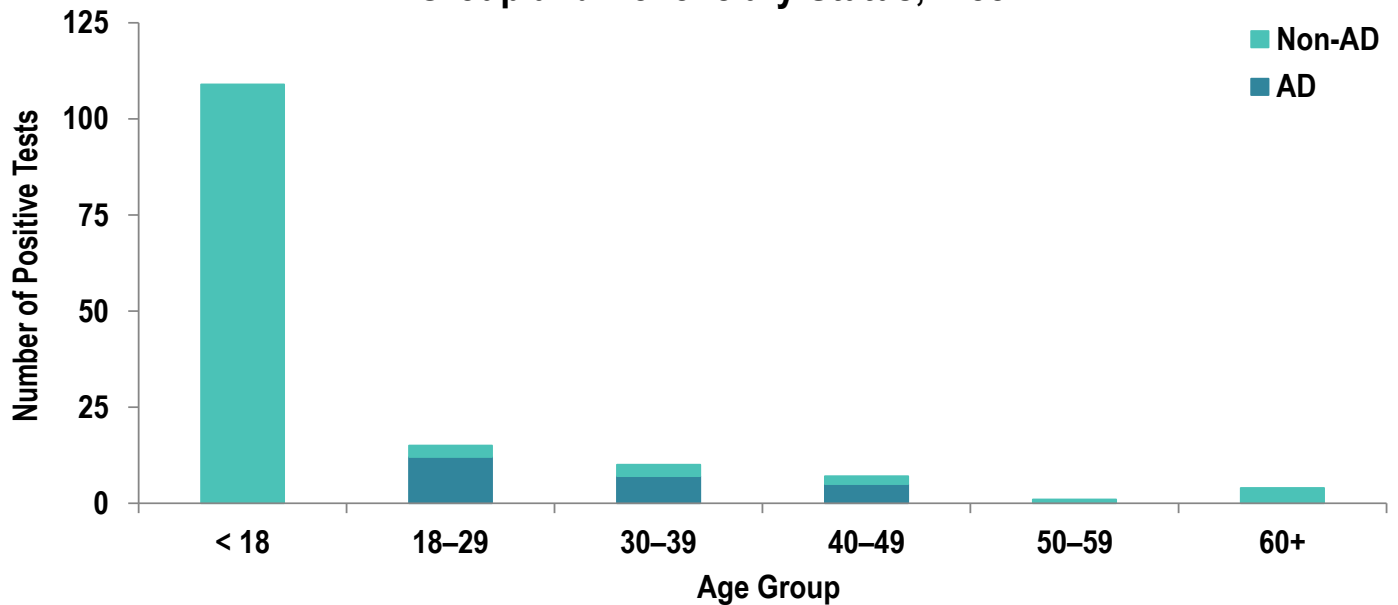
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	4	538
18–29	2	0	350
30–39	3	0	227
40–49	0	0	91
50–59	0	0	43
60+	0	0	95
Total	5	4	1,344

*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.

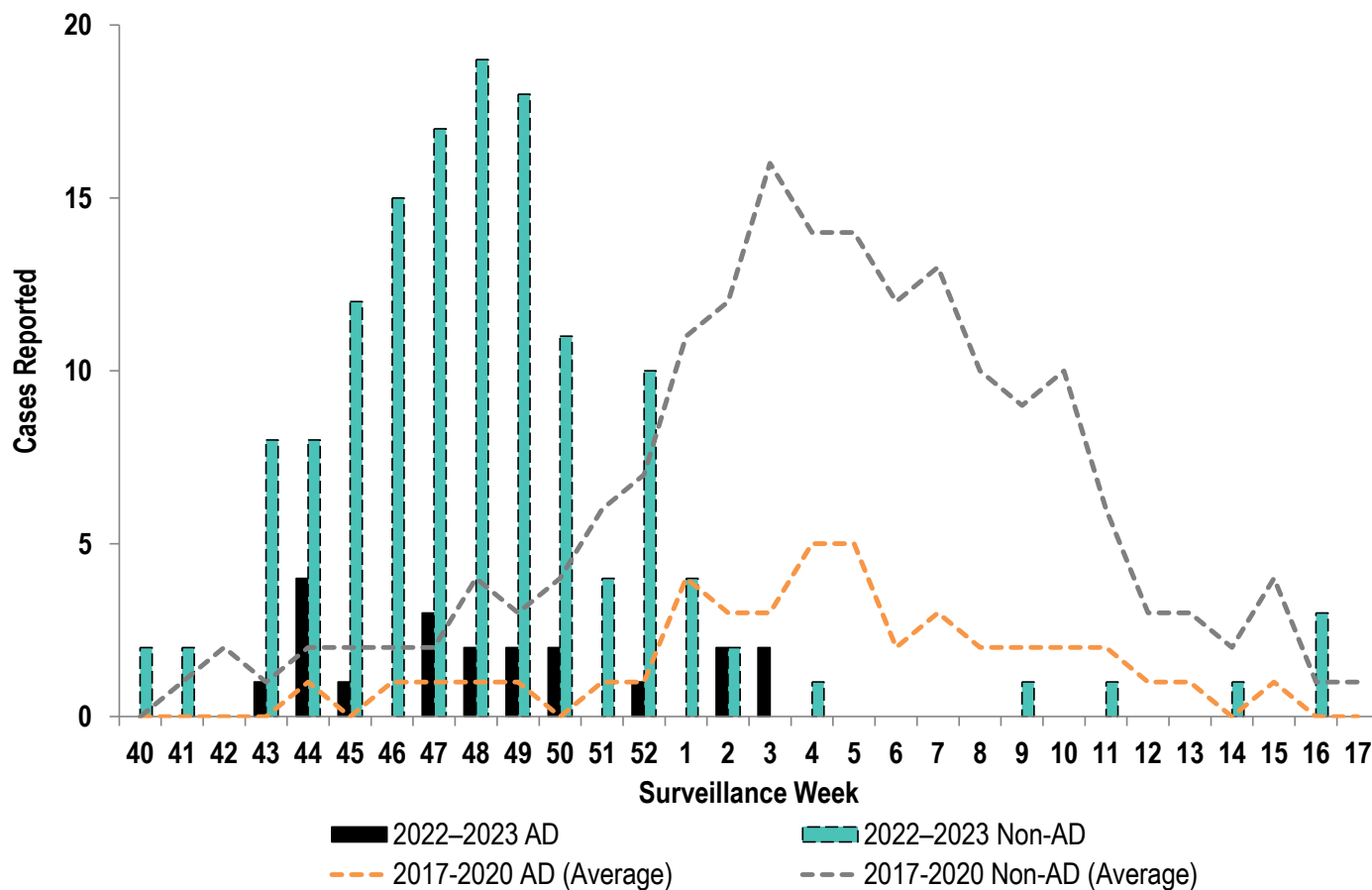
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 14		Week 15		Week 16		Week 17	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-A	1	7	1	4	1	0	1	1
MRC-C	7	9	4	15	4	7	5	6
MRC-E	0	0	0	0	0	1	0	2
MRC-P	9	5	3	3	0	6	5	4

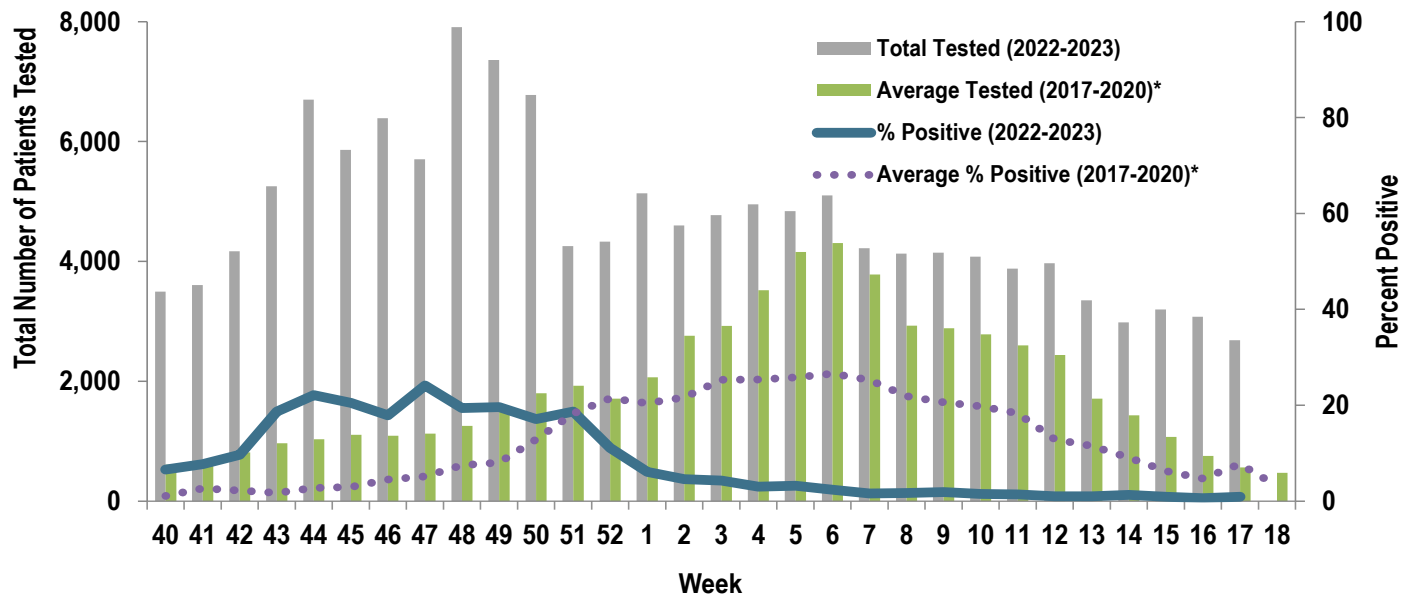
Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 17



Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

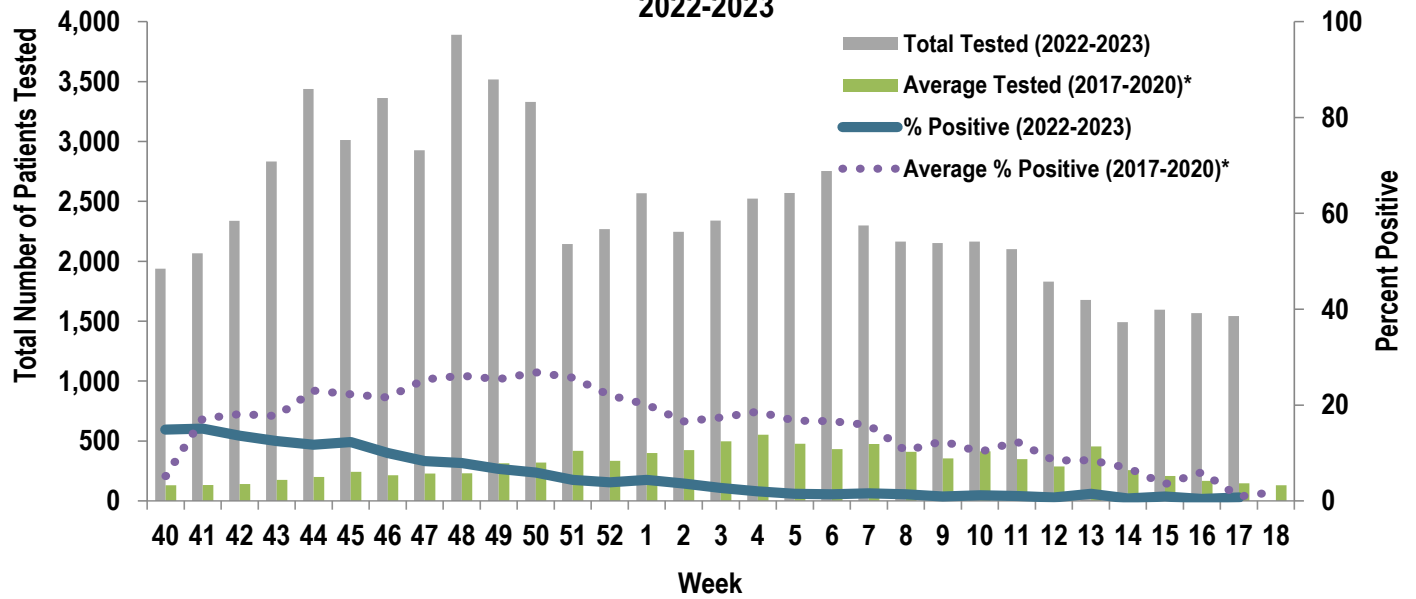


Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



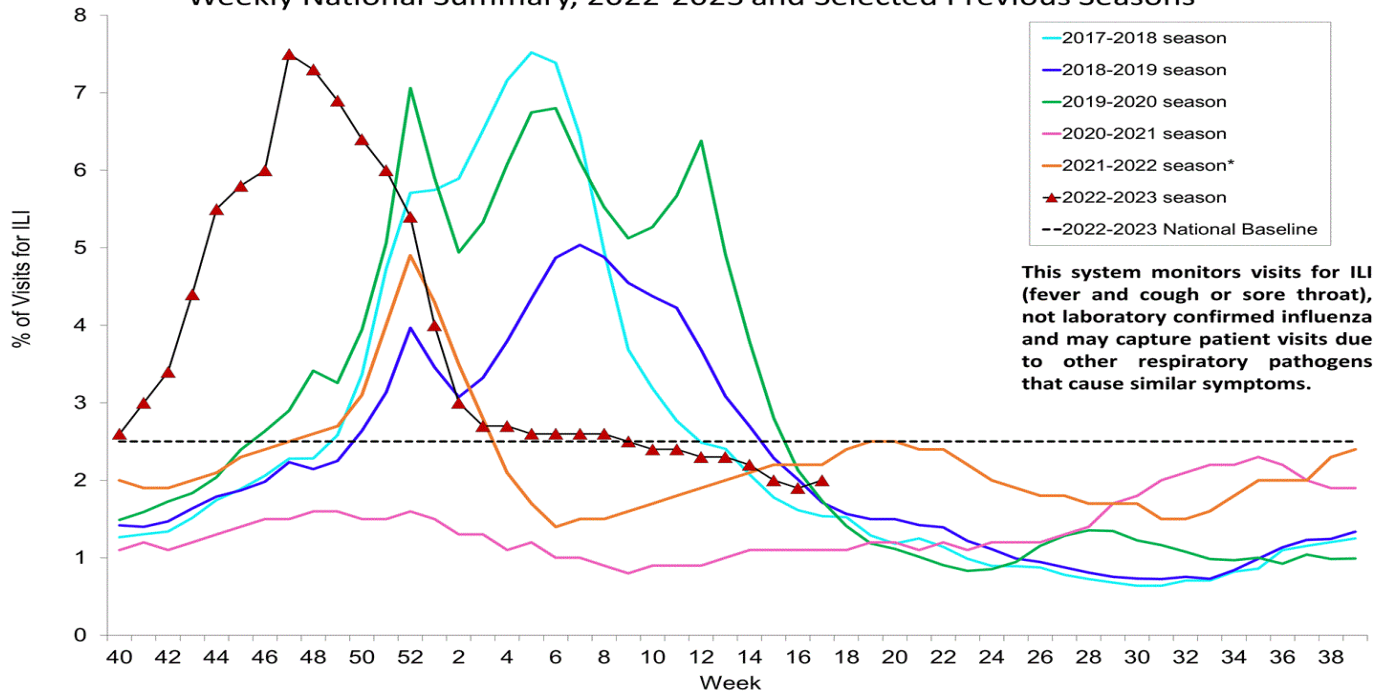
*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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 – April 29, 2023

