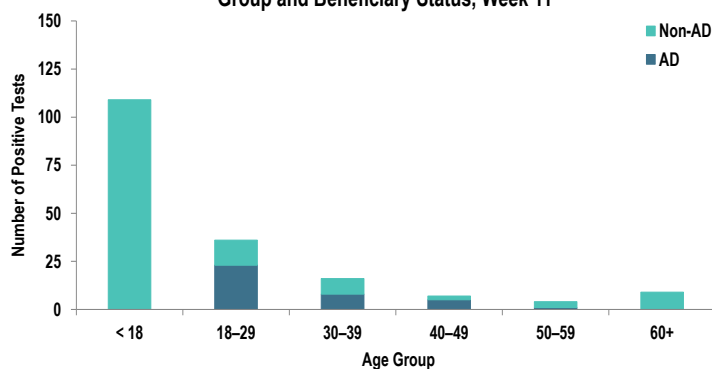


SUMMARY

Influenza A activity is stable in the Army population. Fifty-three positive influenza A and twenty-five influenza B specimens were reported during surveillance Week 11. No influenza-associated hospitalizations were reported during week 11; the season total thus far is 154 hospitalizations compared to an average of 186 influenza-associated hospitalizations during the same time period during 2017–2020. Nationwide, influenza activity remains stable, with 0.8% 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 11



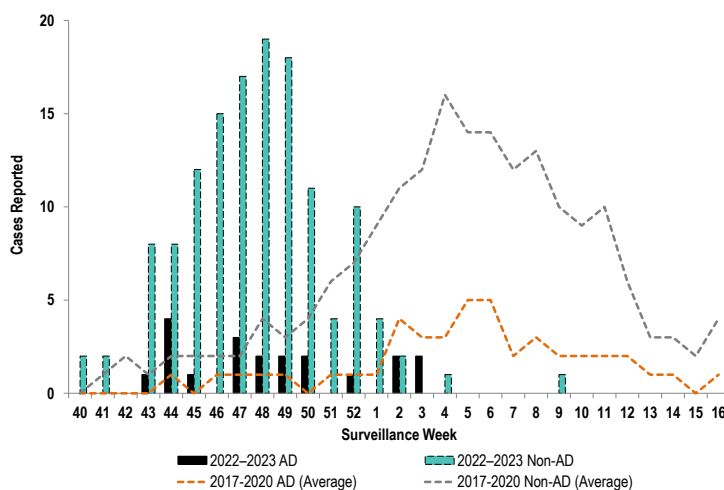
AD: Thirty-seven positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 11; 62.2% (n=23) of the positive specimens were collected from SMs 18 – 29 years of age.

Non-AD: One hundred and forty-four positive respiratory specimens were collected from non-AD individuals during Week 11; 75.7% (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 11 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 154 hospitalizations. The Week 11 average during the 2017–2020 seasons was 8 hospitalizations (with an average of 186 hospitalizations reported from the start of the season through Week 11).

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

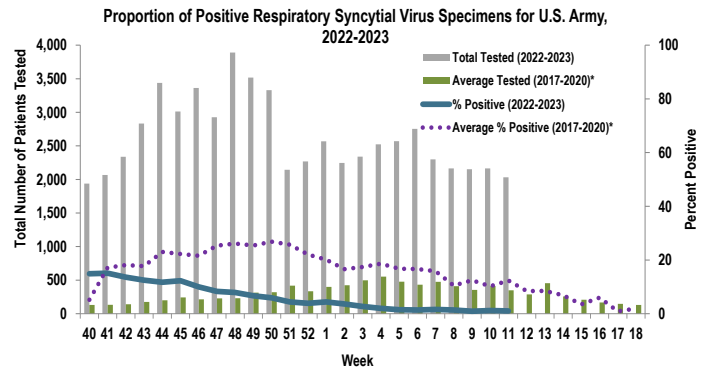
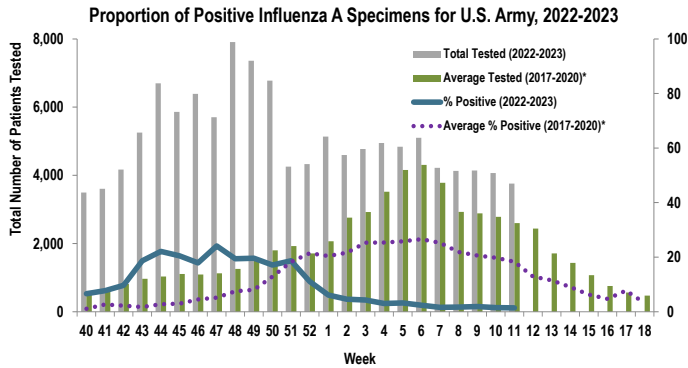
Data are preliminary and subject to change.

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 3,759 specimens tested for influenza A during Week 11, 1.4% (n=53) were positive. This is a slight decrease from Week 10 (1.5%).

Of the 2,032 specimens tested for RSV during Week 11, 1.0% (n=20) were positive. This is a slight decrease from Week 10 (1.2%).

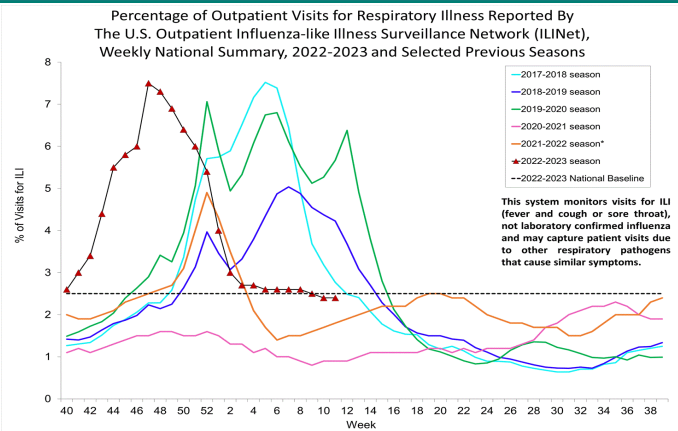
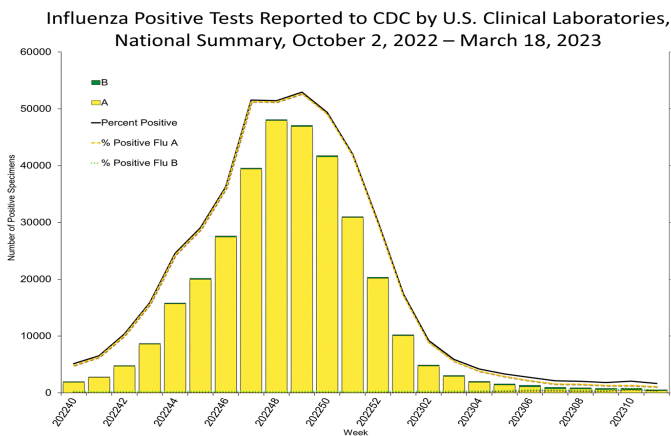
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 8	Week 9	Week 10	Week 11	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	27	26	30	31	503
	Enterovirus	27	18	41	25	605
	Influenza A	69	77	62	53	13,983
	Influenza B	27	41	33	25	769
	Parainfluenza	14	14	24	27	568
	RSV	31	20	25	20	4,064
	Negative	4,020	4,040	3,946	3,651	102,806
	Total	4,215	4,236	4,161	3,832	123,298

Of the 3,832 specimens tested during Week 11, 4.7% (n=181) were positive for any type of respiratory illness. Of the positive results, Influenza A accounted for 29.3% (n=53), adenovirus accounted for 17.1% (n=31), parainfluenza accounted for 14.9% (n=27), influenza B and enterovirus both accounted for 13.8% (n=25), and RSV accounted for 11.0% (n=20). Additionally, the reported number of specimens tested decreased by 7.9% from Week 10 to Week 11.

Significantly more tests for influenza have been conducted this season compared to past seasons; 121,503 specimens have been tested for influenza A so far this season compared to the average of 50,379 specimens during the same time period in 2017-2020.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

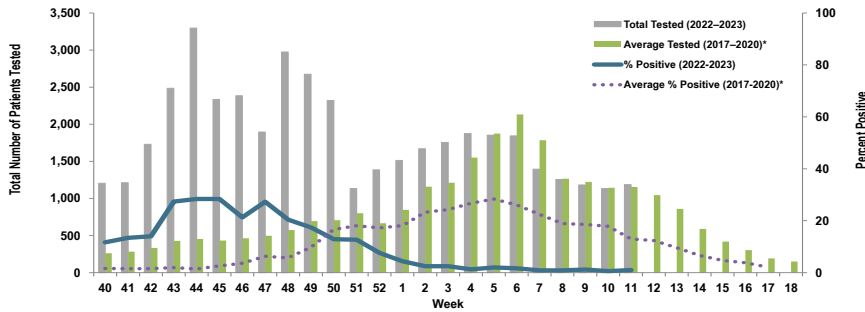


Nationwide in Week 11, incident ILI activity was 2.4%; this is below the national baseline of 2.5%. Additionally, a total of 64,650 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 535 (0.8%) were positive. Influenza A accounted for 67.5% (n=361) of the total positive specimens. For additional information, please click [here](#).

Locations providing Week 11 laboratory data as of 22 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, and Walter Reed National Military Medical Center.

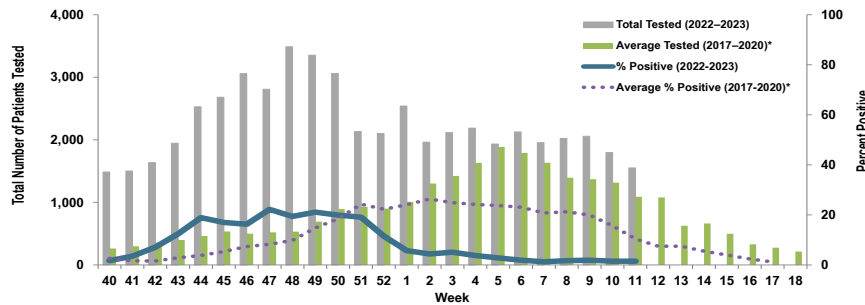
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020*

Regional Health Command - Atlantic (RHC-A)



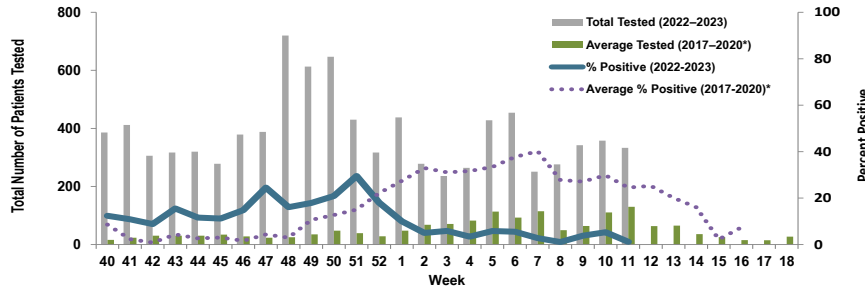
Week 11			
Age Group	AD	Non-AD	Season Total
< 18	0	8	2,922
18–29	0	1	1,242
30–39	0	1	731
40–49	0	0	358
50–59	0	0	241
60+	0	2	251
Total	0	12	5,745

Regional Health Command - Central (RHC-C)



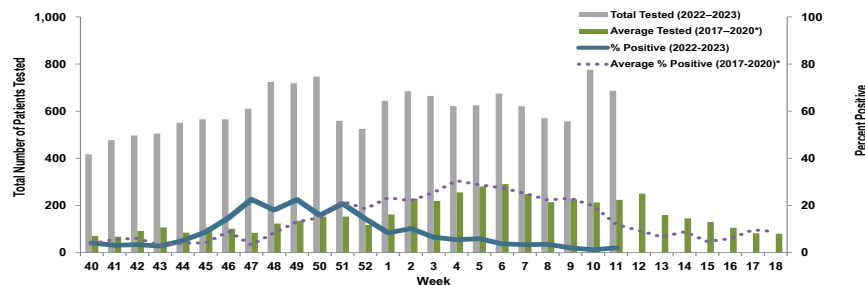
Week 11			
Age Group	AD	Non-AD	Season Total
< 18	0	8	2,808
18–29	5	6	1,333
30–39	3	0	726
40–49	1	0	357
50–59	0	0	212
60+	0	0	361
Total	9	14	5,797

Regional Health Command - Europe (RHC-E)



Week 11			
Age Group	AD	Non-AD	Season Total
< 18	0	2	611
18–29	0	0	207
30–39	0	0	161
40–49	1	0	81
50–59	0	0	25
60+	0	1	25
Total	1	3	1,110

Regional Health Command - Pacific (RHC-P)



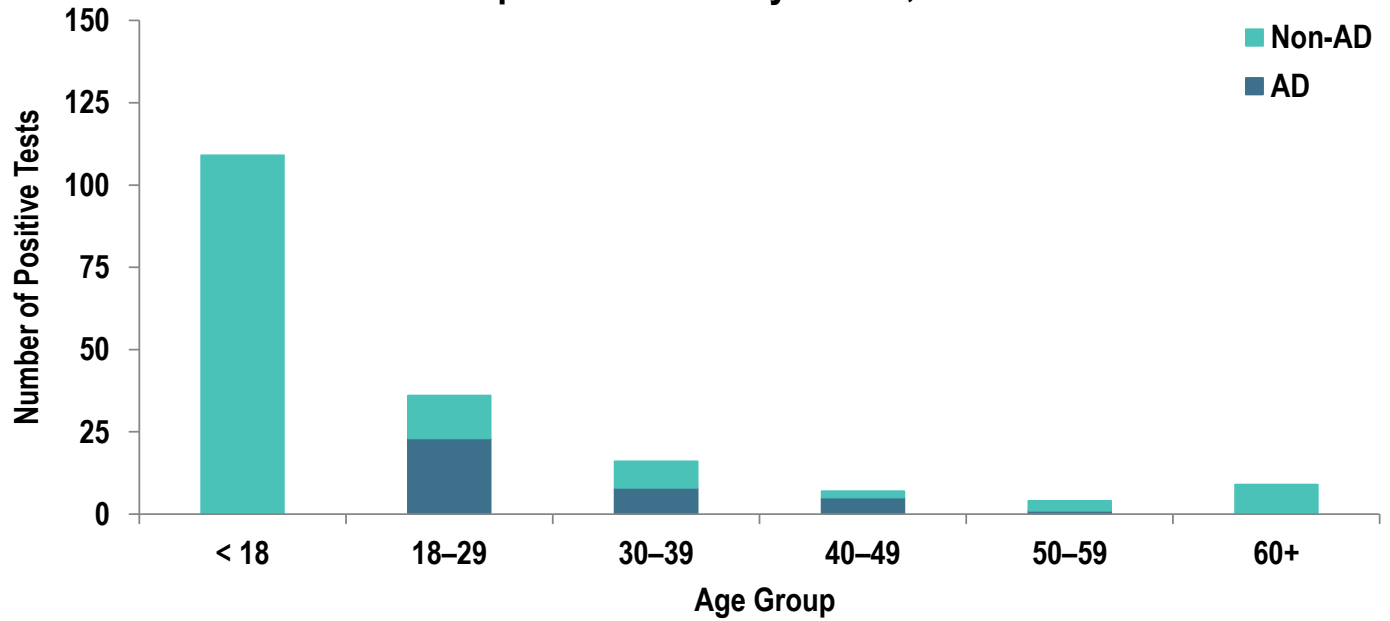
Week 11			
Age Group	AD	Non-AD	Season Total
< 18	0	4	523
18–29	3	2	335
30–39	0	2	218
40–49	2	0	89
50–59	0	0	43
60+	0	1	92
Total	5	9	1,300

*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.

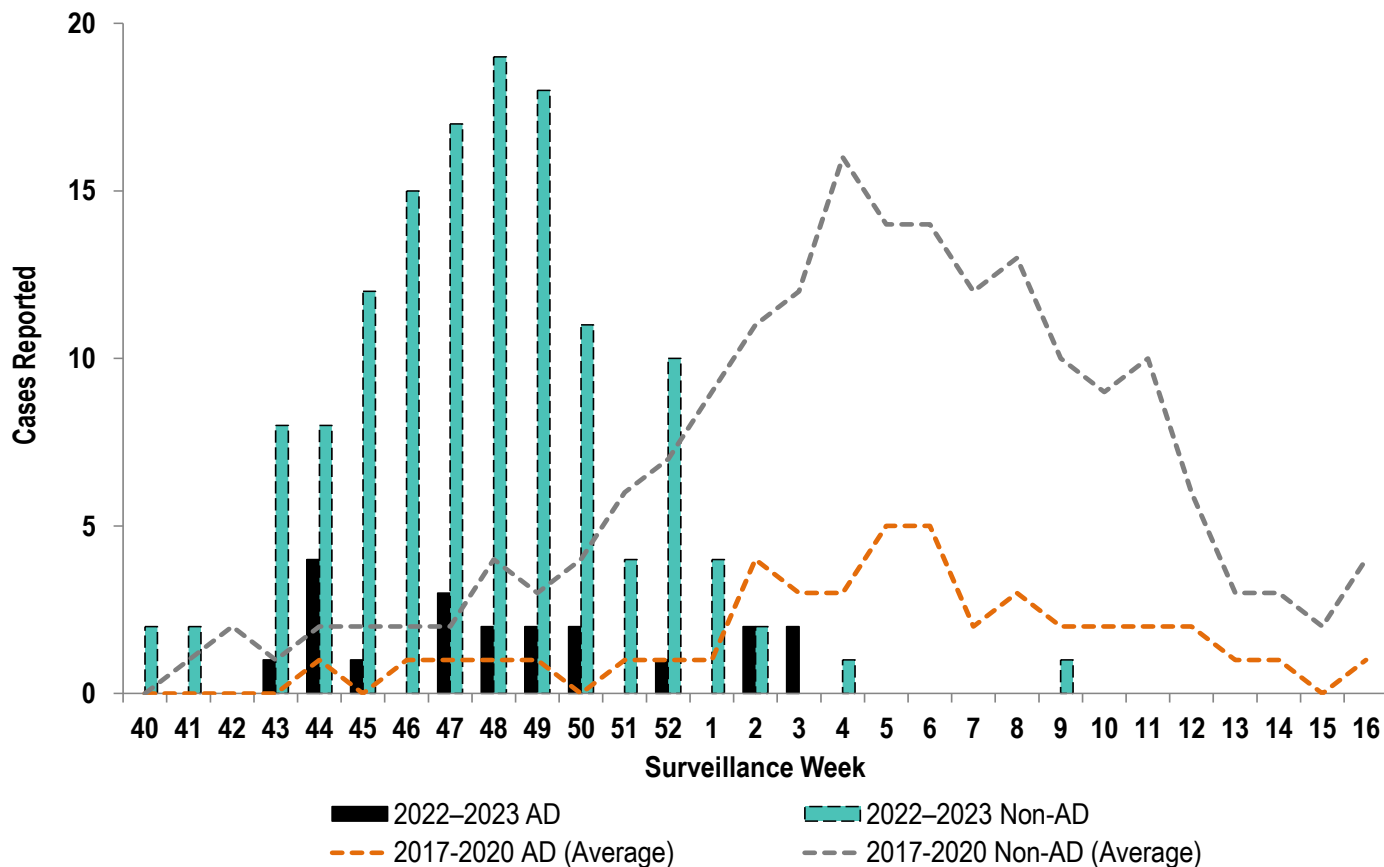
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 8		Week 9		Week 10		Week 11	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	2	9	2	12	2	5	0	12
RHC-C	13	22	14	25	10	17	9	14
RHC-E	0	3	2	11	6	13	1	3
RHC-P	6	14	3	8	4	5	5	9

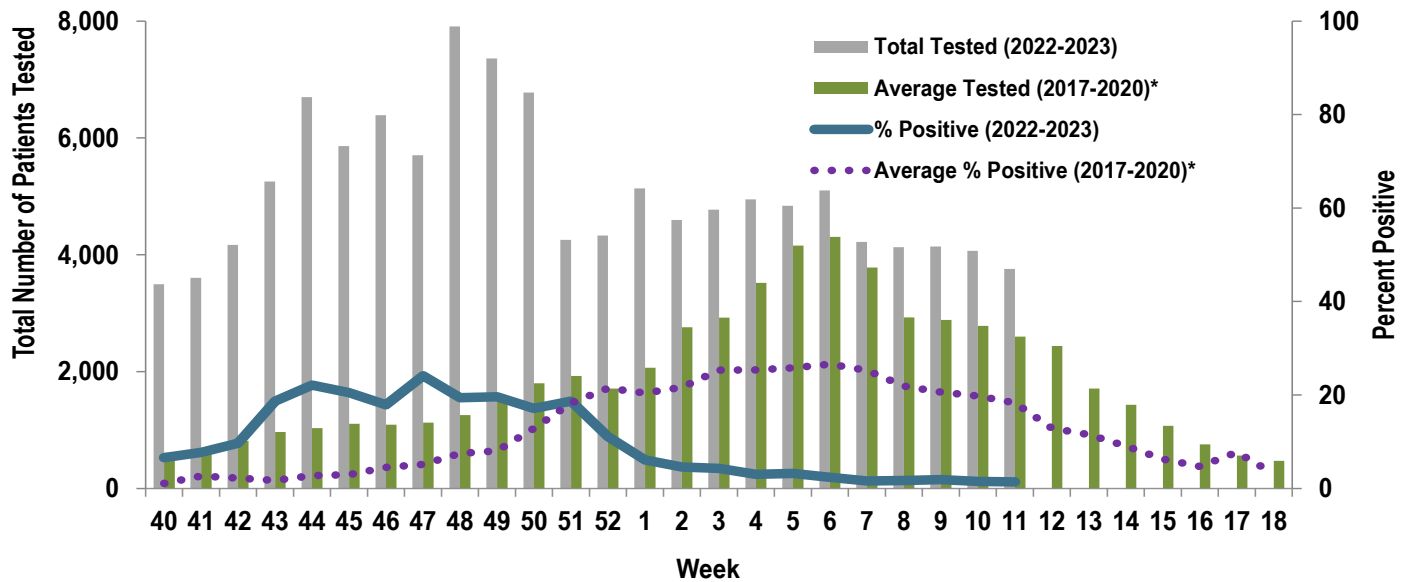
Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 11



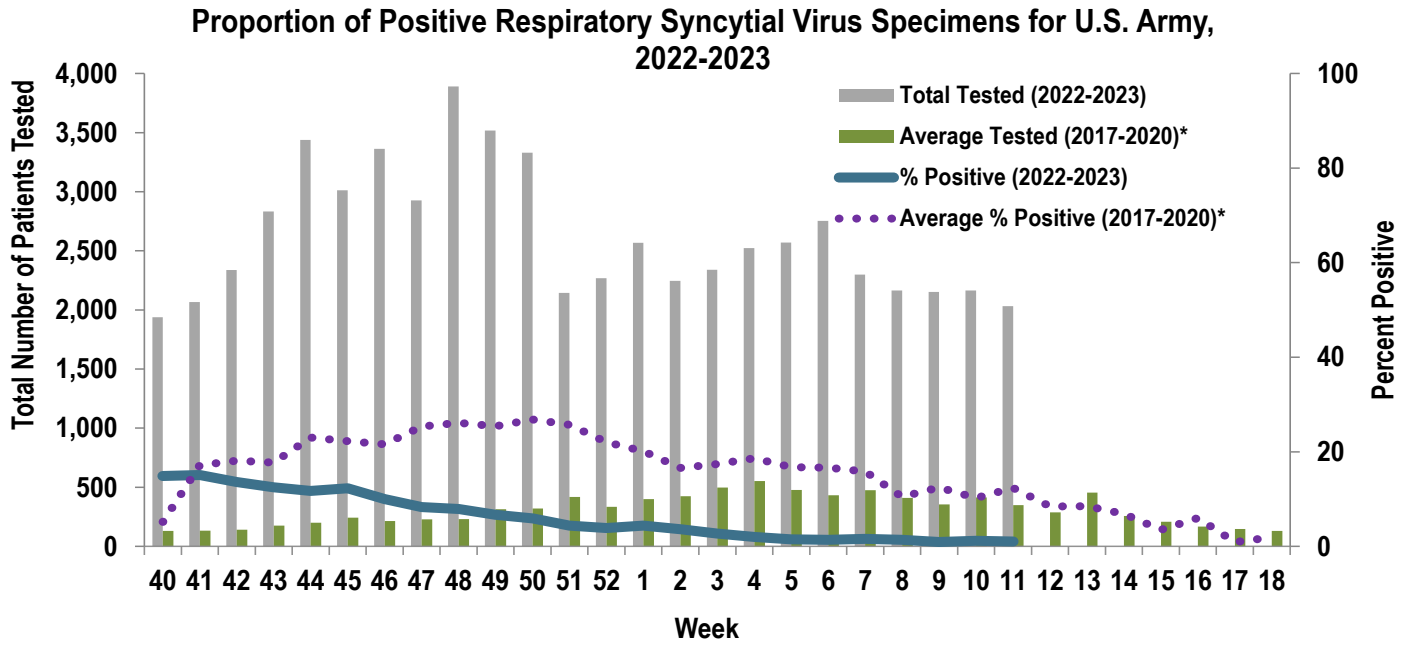
Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



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

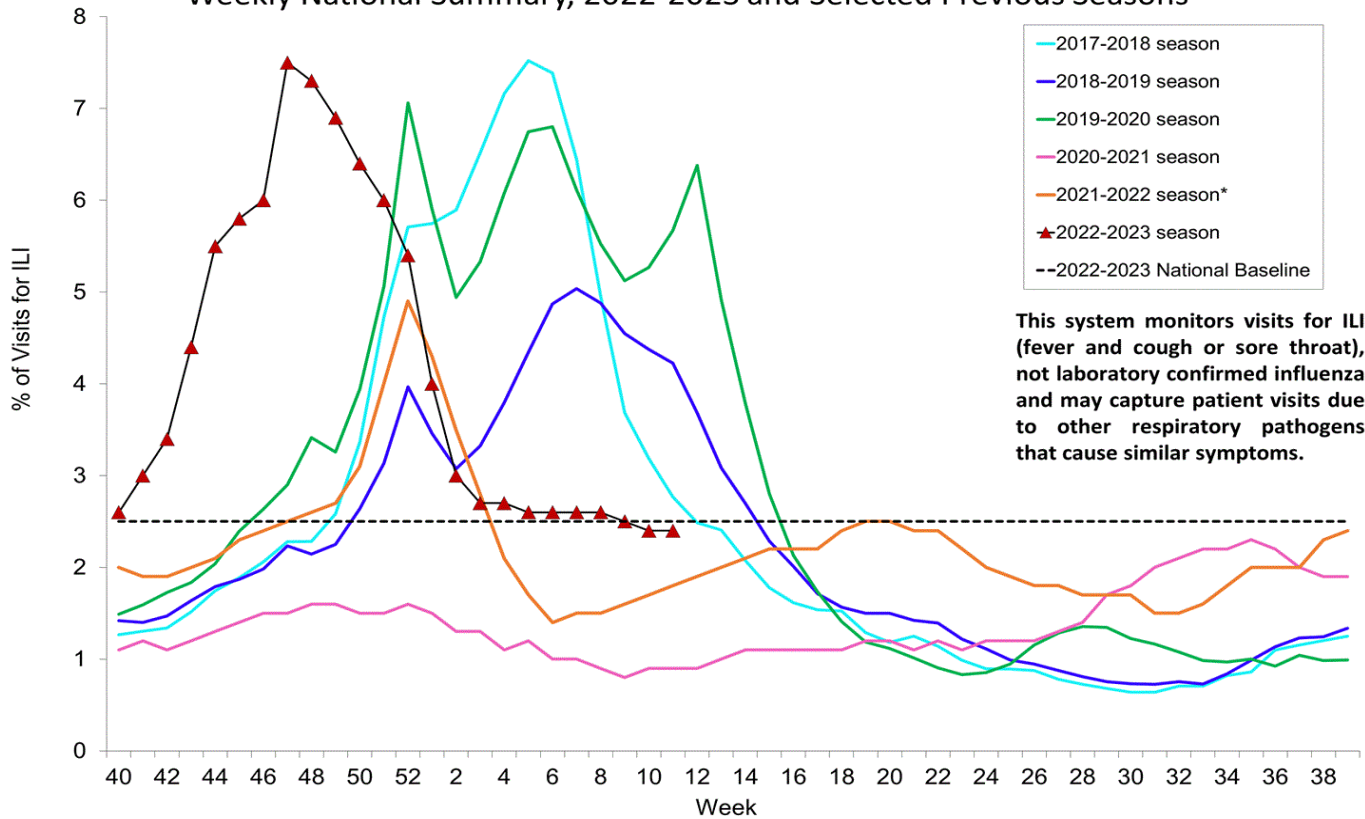


*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.



*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 – March 18, 2023

