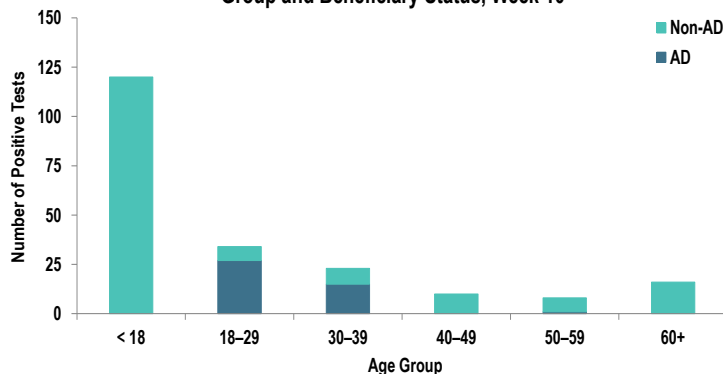


SUMMARY

Influenza A activity is stable in the Army population. Sixty-one positive influenza A and thirty-three influenza B specimens were reported during surveillance Week 10. No influenza-associated hospitalizations were reported during week 10; the season total thus far is 154 hospitalizations compared to an average of 179 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 10



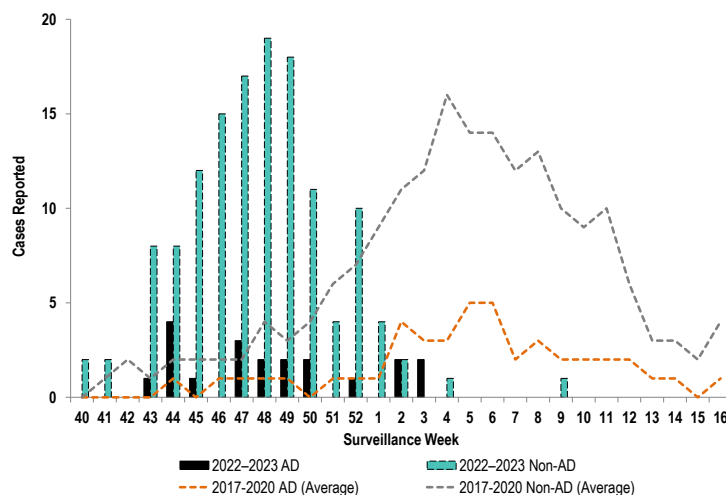
AD: Forty-three positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 10; 62.8% (n=27) of the positive specimens were collected from SMs 18 – 29 years of age.

Non-AD: One hundred and sixty-eight positive respiratory specimens were collected from non-AD individuals during Week 10; 71.4% (n=120) 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 10 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 154 hospitalizations. The Week 10 average during the 2017–2020 seasons was 11 hospitalizations (with an average of 179 hospitalizations reported from the start of the season through Week 10).

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

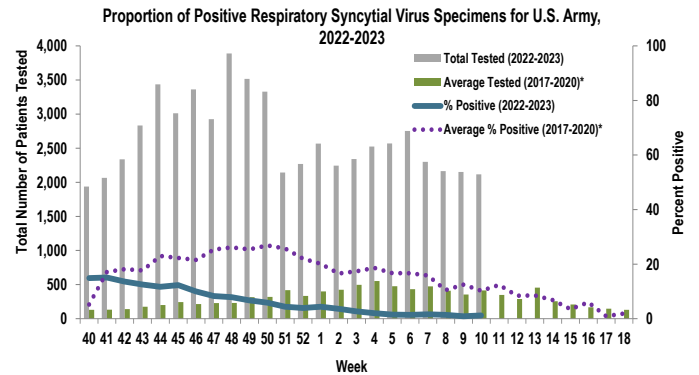
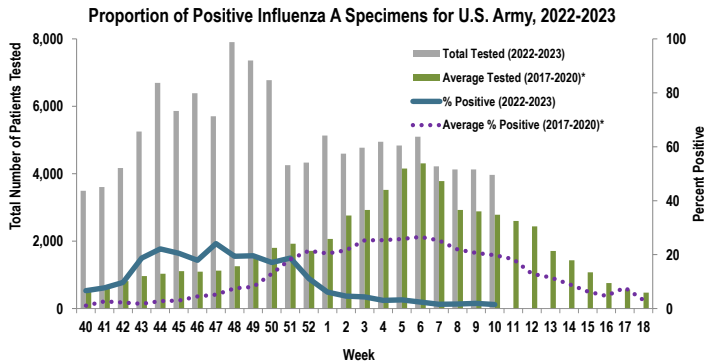
Data are preliminary and subject to change.

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 3,967 specimens tested for influenza A during Week 10, 1.5% (n=61) were positive. This is a slight decrease from Week 9 (1.9%).

Of the 2,117 specimens tested for RSV during Week 10, 1.2% (n=25) were positive. This is an increase from Week 9 (0.9%).

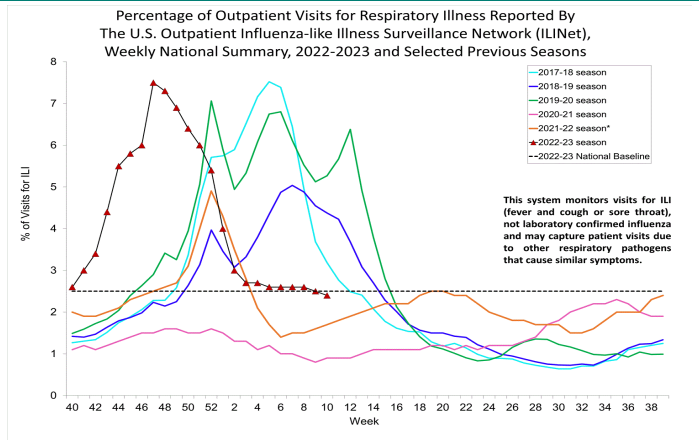
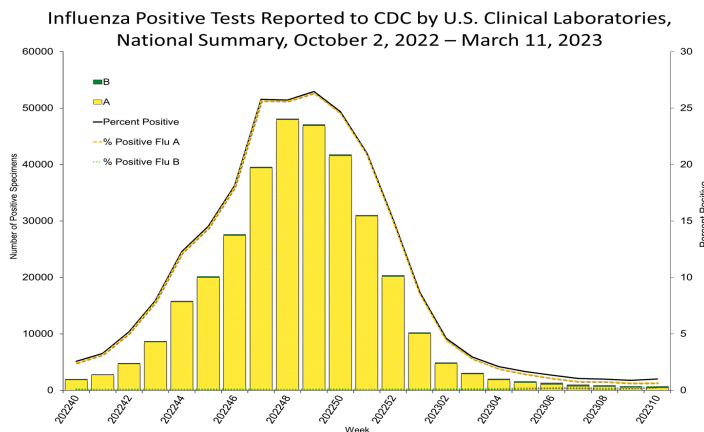
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 7	Week 8	Week 9	Week 10	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	26	27	26	28	470
	Enterovirus	34	27	18	41	580
	Influenza A	66	69	77	61	13,929
	Influenza B	28	27	41	33	744
	Parainfluenza	21	14	14	23	540
	RSV	37	31	20	25	4,044
	Negative	4,120	4,020	4,027	3,851	99,047
	Total	4,332	4,215	4,223	4,062	119,354

Of the 4,062 specimens tested during Week 10, 5.2% (n=211) were positive for any type of respiratory illness. Of the positive results, Influenza A accounted for 28.9% (n=61), enterovirus accounted for 19.4% (n=41), influenza B accounted for 15.6% (n=33), adenovirus accounted for 13.3% (n=28), RSV accounted for 11.8% (n=25), and parainfluenza accounted for 10.9% (n=23). Additionally, the reported number of specimens tested decreased by 3.8% from Week 9 to Week 10.

Significantly more tests for influenza have been conducted this season compared to past seasons; 117,632 specimens have been tested for influenza A so far this season compared to the average of 47,780

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

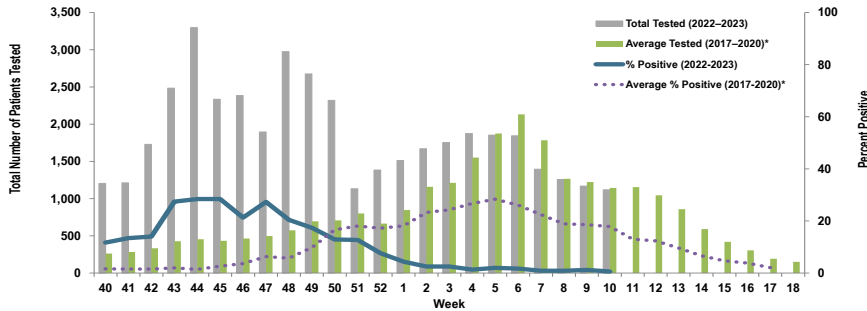


Nationwide in Week 10, incident ILI activity was 2.4%; this is below the national baseline of 2.5%. Additionally, a total of 66,138 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 666 (1.0%) were positive. Influenza A accounted for 66.2% (n=441) of the total positive specimens. For additional information, please click [here](#).

Locations providing Week 10 laboratory data as of 15 March 2023: Ft. Belvoir, Ft. Benning, Ft. Bliss, Ft. Bragg, Ft. Campbell, Camp Zama, Ft. Carson, Ft. Drum, Ft. Eustis, Ft. Gordon, Ft. Hood, Ft. Irwin, Ft. Jackson, Ft. Knox, Ft. Leavenworth, Ft. Lee, Ft. Leonard Wood, Ft. Lewis, Ft. Meade, 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.

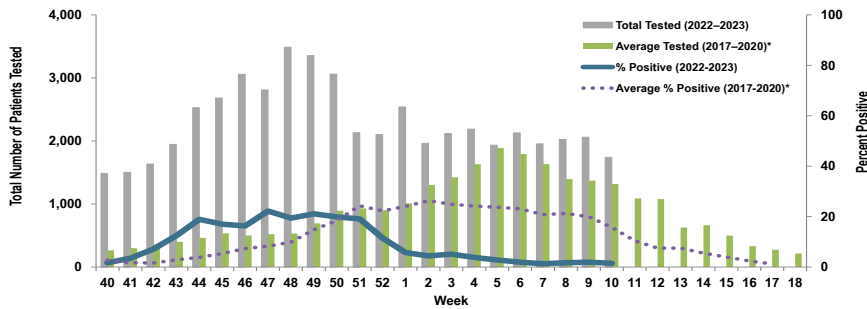
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020*

Regional Health Command - Atlantic (RHC-A)



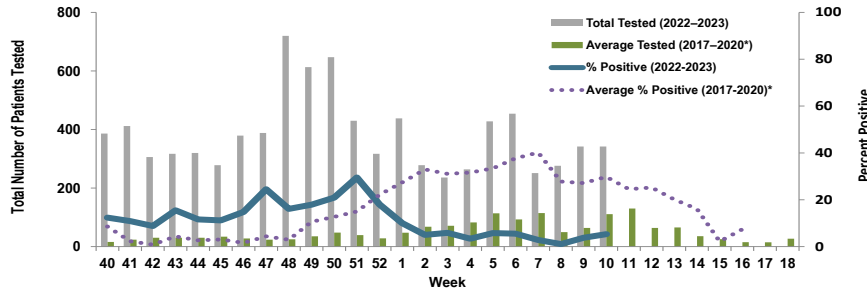
Week 10			
Age Group	AD	Non-AD	Season Total
< 18	0	3	2,914
18–29	2	1	1,241
30–39	0	0	730
40–49	0	0	358
50–59	0	0	241
60+	0	1	249
Total	2	5	5,733

Regional Health Command - Central (RHC-C)



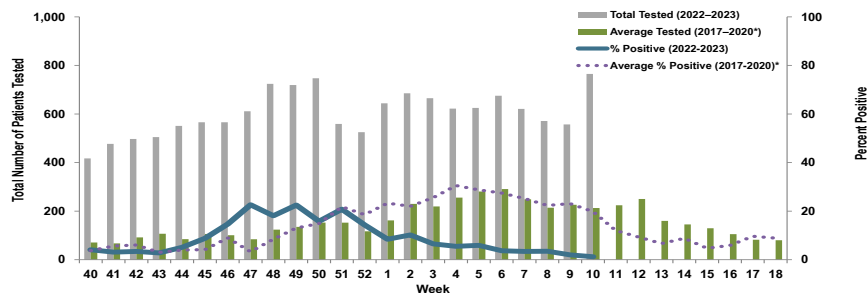
Week 10			
Age Group	AD	Non-AD	Season Total
< 18	0	8	2,800
18–29	5	1	1,322
30–39	5	4	723
40–49	0	0	356
50–59	0	1	212
60+	0	3	361
Total	10	17	5,774

Regional Health Command - Europe (RHC-E)



Week 10			
Age Group	AD	Non-AD	Season Total
< 18	0	6	609
18–29	3	1	207
30–39	3	2	160
40–49	0	3	80
50–59	0	0	25
60+	0	0	24
Total	6	12	1,105

Regional Health Command - Pacific (RHC-P)



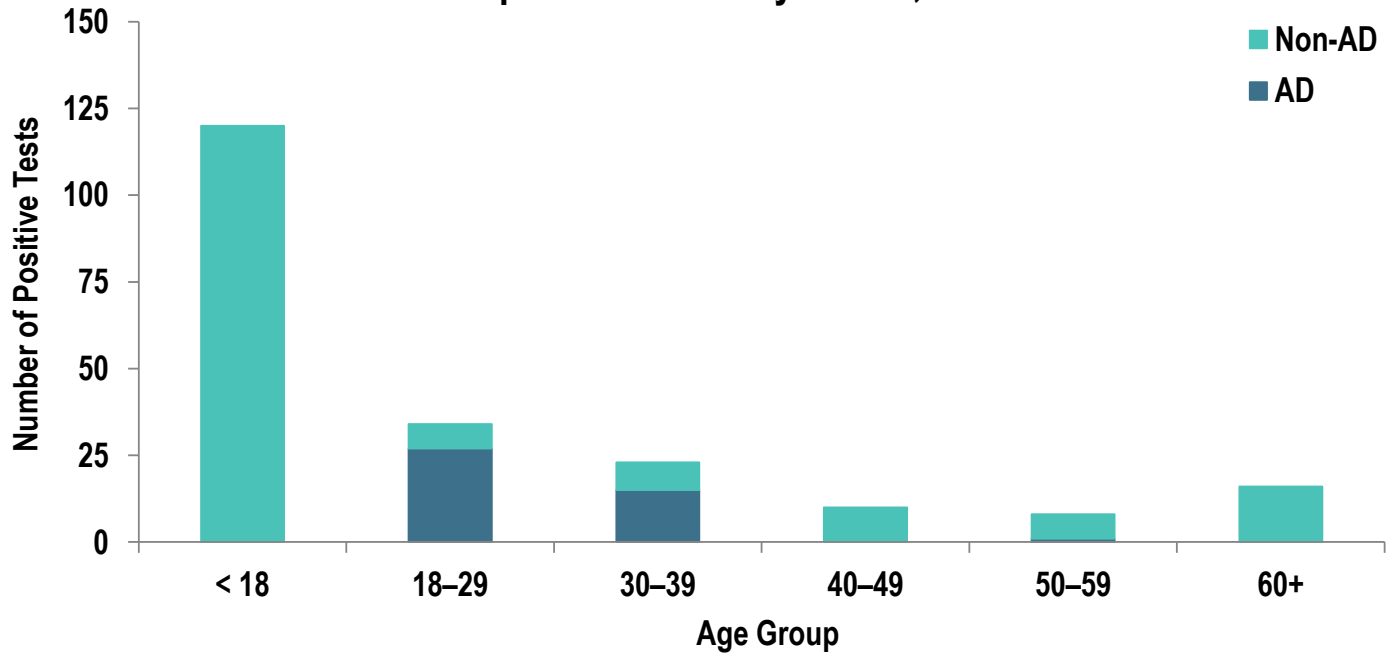
Week 10			
Age Group	AD	Non-AD	Season Total
< 18	0	3	519
18–29	3	0	330
30–39	1	0	216
40–49	0	1	87
50–59	0	1	43
60+	0	0	91
Total	4	5	1,286

*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.

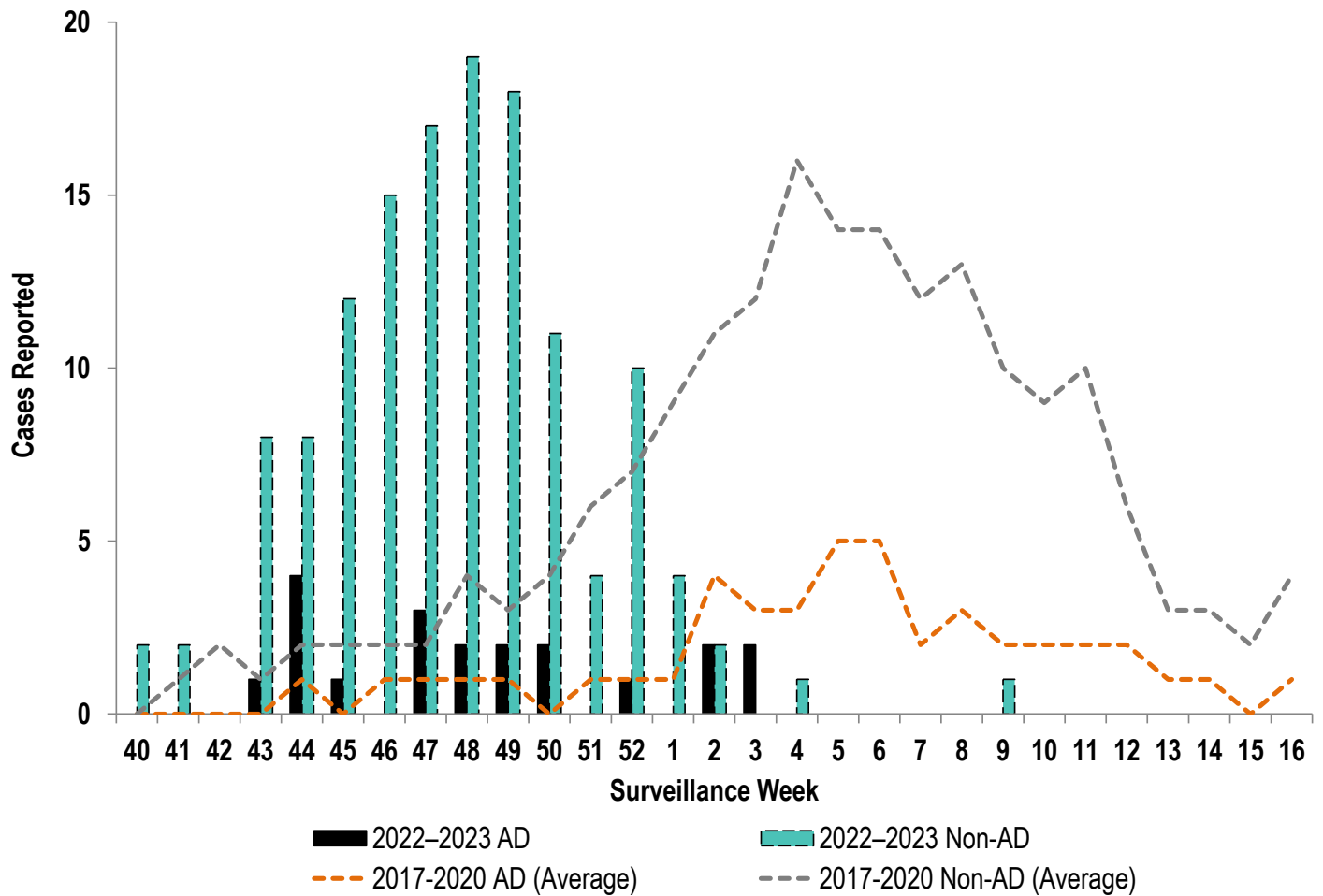
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 7		Week 8		Week 9		Week 10	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	2	11	2	9	2	12	2	5
RHC-C	8	17	13	22	14	25	10	17
RHC-E	1	6	0	3	2	11	6	12
RHC-P	11	10	6	14	3	8	4	5

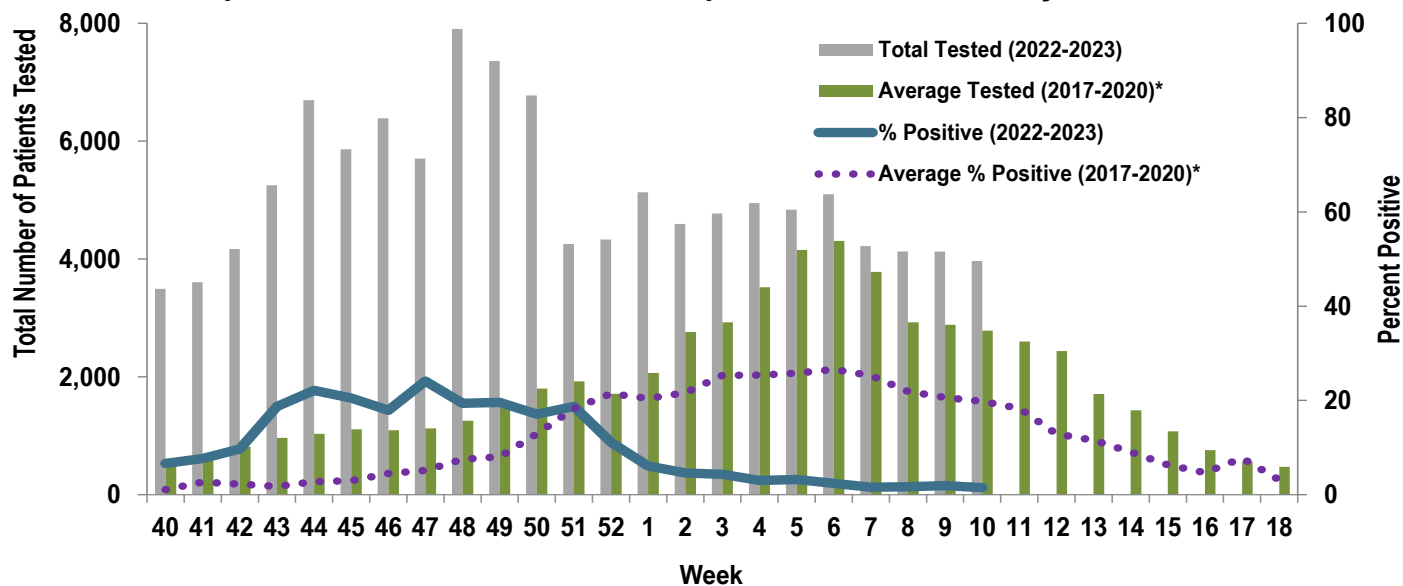
Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 10



Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

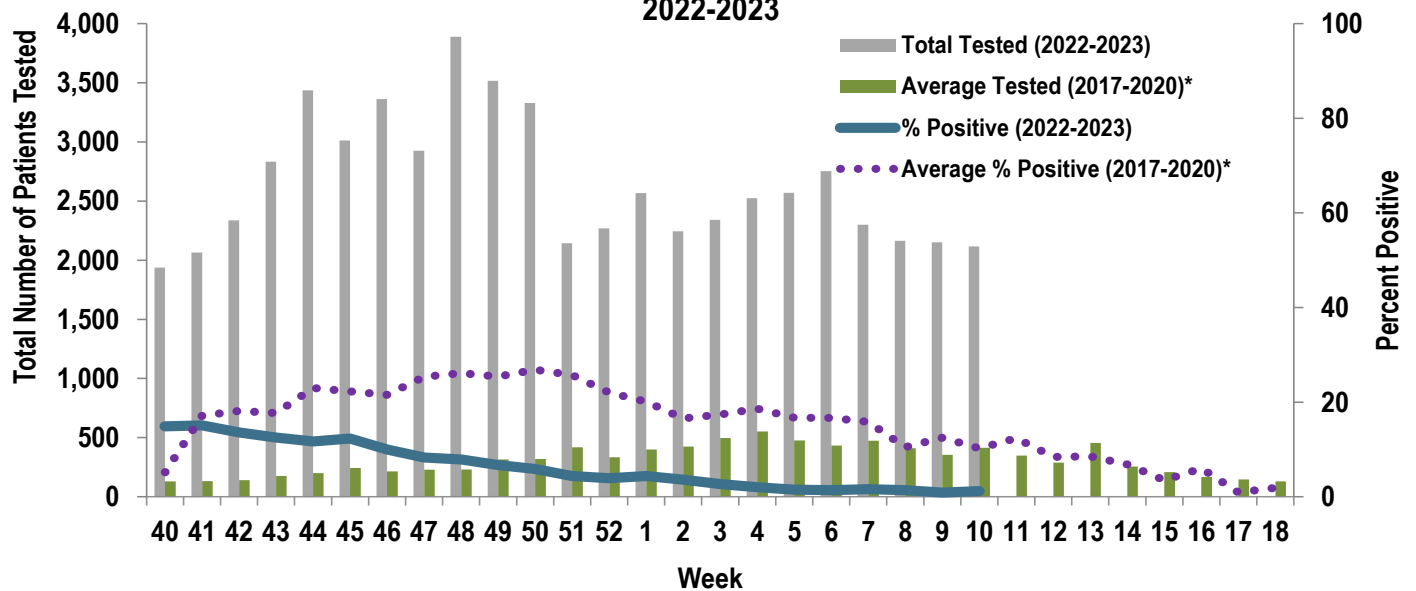


Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



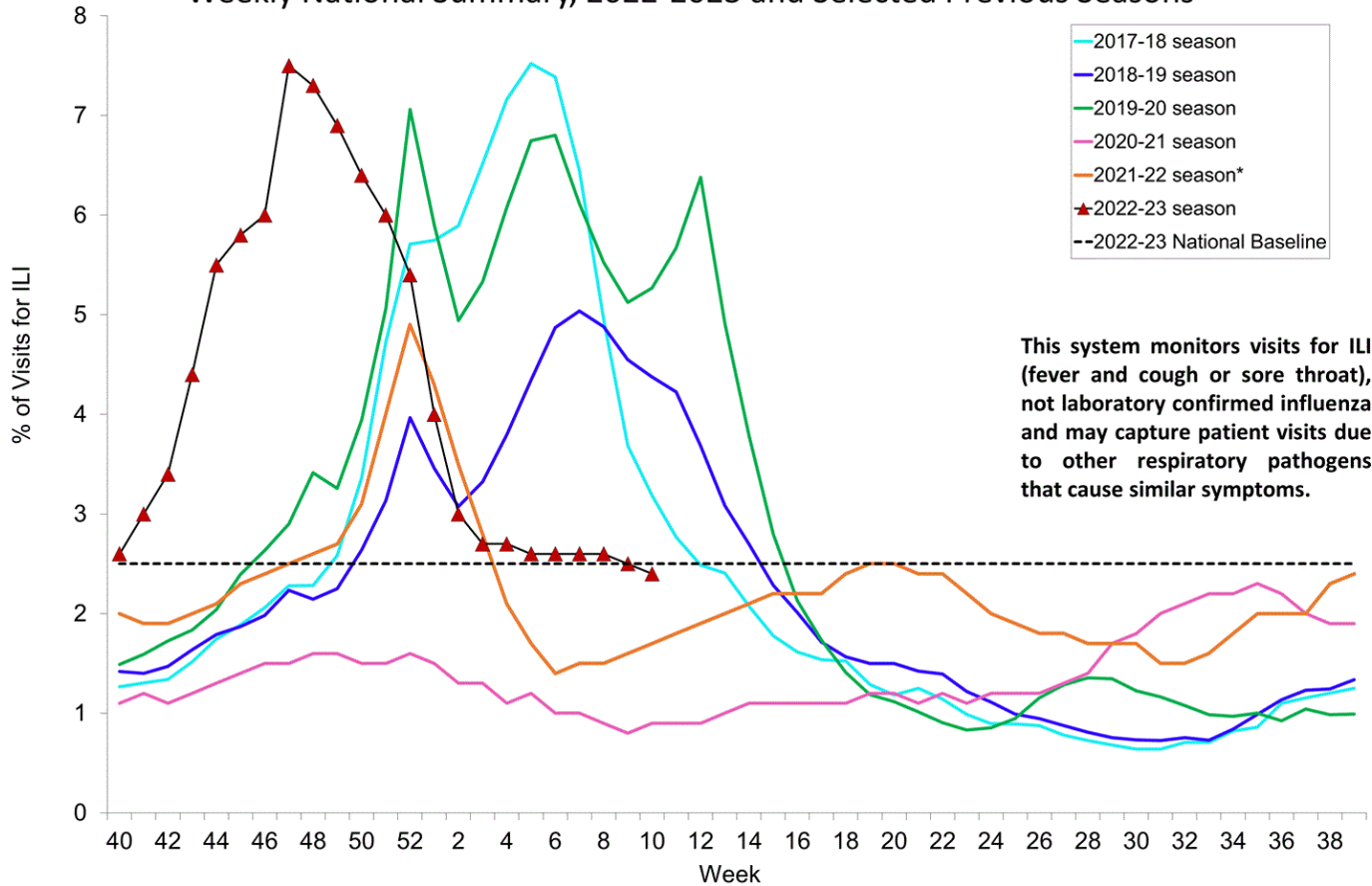
*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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 – March 11, 2023

