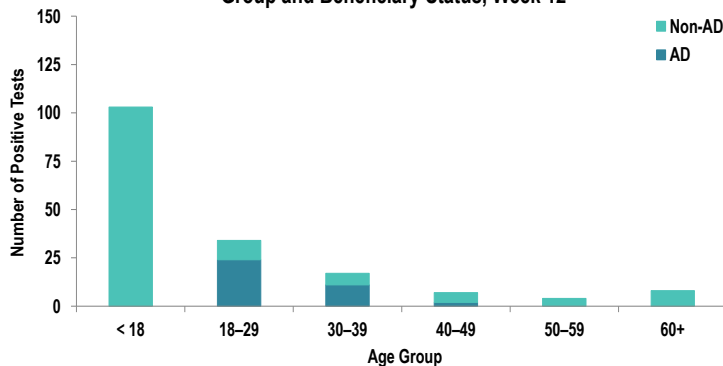


### SUMMARY

Influenza A activity decreased since the previous surveillance week in the Army population. Thirty-nine positive influenza A and thirty-three influenza B specimens were reported during surveillance Week 12. No influenza-associated hospitalizations were reported in Week 12; the season total thus far is 155 hospitalizations compared to an average of 213 influenza-associated hospitalizations during the same time period during 2017–2020. Nationwide, influenza activity remains stable, with 0.9% 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 12



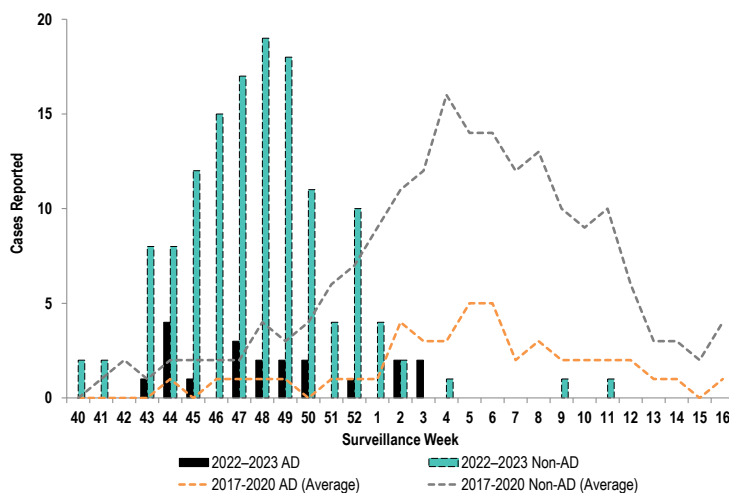
**AD:** Thirty-seven positive respiratory specimens were collected from active duty (AD) Servicemembers (SMs) during Week 12; 64.9% (n=24) of the positive specimens were collected from SMs 18 – 29 years of age.

**Non-AD:** One hundred and thirty-six positive respiratory specimens were collected from non-AD individuals during Week 12; 75.7% (n=103) 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 12 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 155 hospitalizations. The Week 12 average during the 2017–2020 seasons was 8 hospitalizations (with an average of 213 hospitalizations reported from the start of the season through Week 12).

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

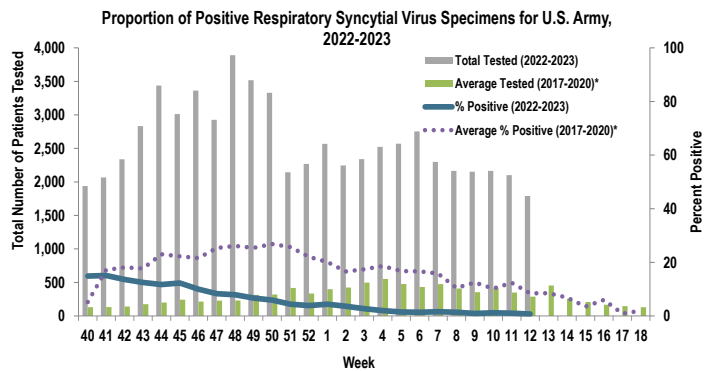
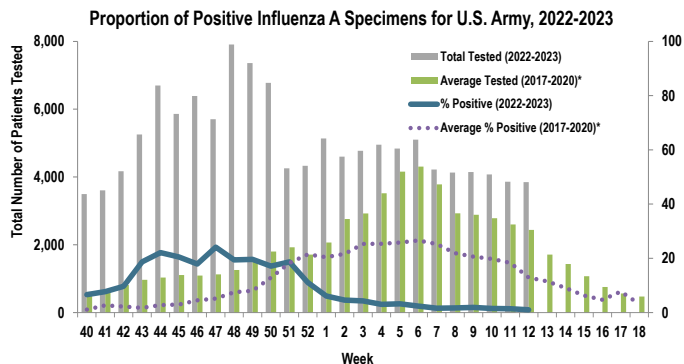
Data are preliminary and subject to change.

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.mil)

## INFLUENZA A ACTIVITY - ARMY

## RSV ACTIVITY - ARMY



Of the 3,849 specimens tested for influenza A during Week 12, 1.0% (n=39) were positive. This is a decrease from Week 11 (1.4%).

Of the 1,790 specimens tested for RSV during Week 12, 0.7% (n=12) were positive. This is a slight decrease from Week 11 (1.0%).

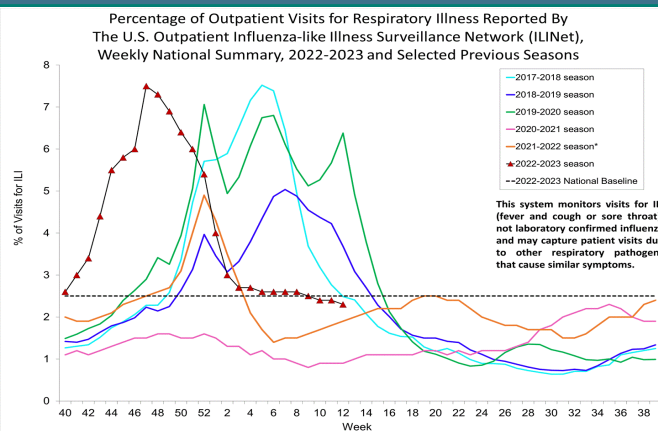
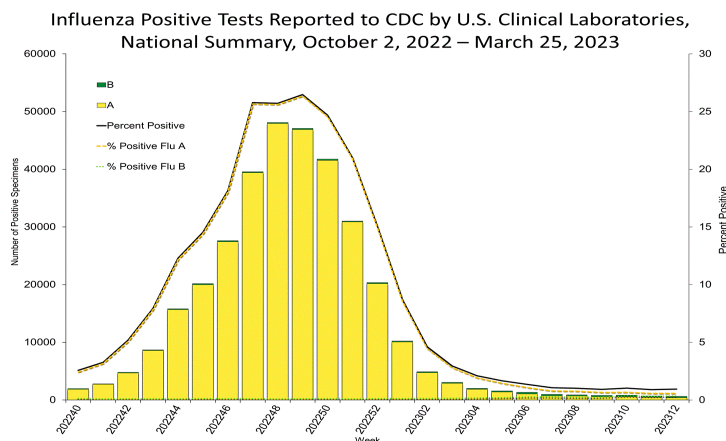
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 9	Week 10	Week 11	Week 12	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	26	30	33	32	537
	Enterovirus	18	41	25	34	639
	Influenza A	77	62	54	39	14,023
	Influenza B	41	33	25	33	802
	Parainfluenza	14	24	28	23	592
	RSV	20	25	20	12	4,076
	Negative	4,044	3,957	3,750	3,762	106,688
<b>Total</b>	<b>4,240</b>	<b>4,172</b>	<b>3,935</b>	<b>3,935</b>	<b>127,357</b>	

Of the 3,935 specimens tested during Week 12, 4.4% (n=173) were positive for any type of respiratory illness. Influenza A accounted for 22.5% (n=39), enterovirus accounted for 19.7% (n=34), influenza B accounted for 19.1% (n=33), adenovirus accounted for 18.5% (n=32), parainfluenza accounted for 13.3% (n=23), and RSV accounted for 6.9% (n=12). Additionally, the reported number of specimens tested did not change from Week 11 to Week 12.

Significantly more tests for influenza have been conducted this season compared to past seasons; 125,475 specimens have been tested for influenza A so far this season compared to the average of 52,816 specimens during the same time period in 2017-2020.

## INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

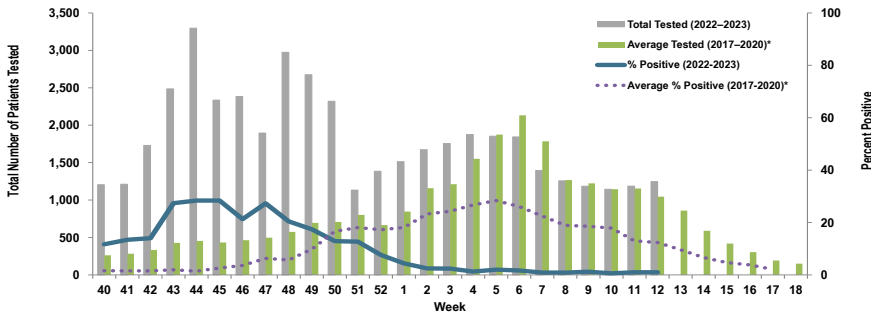


Nationwide in Week 12, incident ILI activity was 2.3%; this is below the national baseline of 2.5%. Additionally, a total of 66,542 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 626 (0.9%) were positive. Influenza A accounted for 61.7% (n=386) of the total positive specimens.

**Locations providing Week 12 laboratory data as of 29 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.

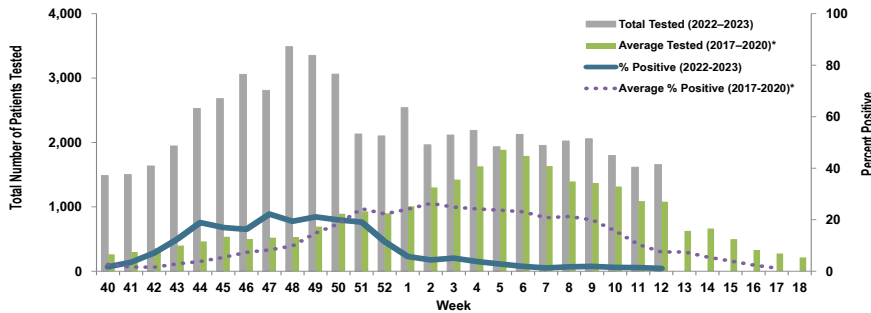
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020\*

Medical Readiness Command - Atlantic (MRC-A)



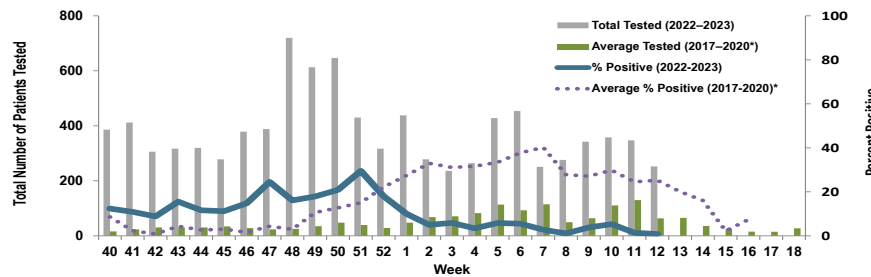
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	3	2,925
18–29	0	1	1,243
30–39	3	1	735
40–49	0	2	360
50–59	0	0	241
60+	0	2	253
<b>Total</b>	<b>3</b>	<b>9</b>	<b>5,757</b>

Medical Readiness Command - Central (MRC-C)



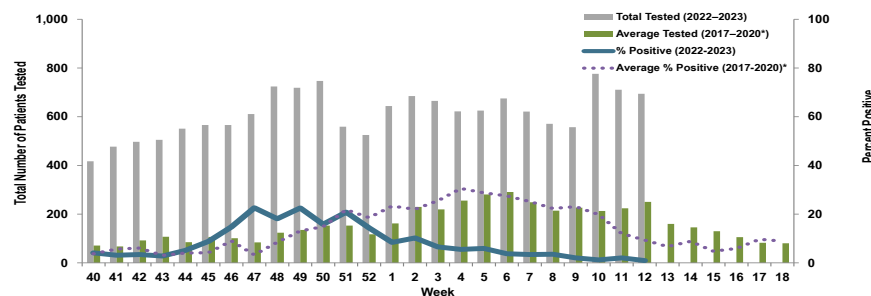
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	6	2,814
18–29	4	3	1,340
30–39	3	0	729
40–49	0	2	359
50–59	0	1	213
60+	0	0	361
<b>Total</b>	<b>7</b>	<b>12</b>	<b>5,816</b>

Medical Readiness Command - Europe (MRC-E)



Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	0	612
18–29	2	0	209
30–39	0	0	161
40–49	0	0	81
50–59	0	0	25
60+	0	0	25
<b>Total</b>	<b>2</b>	<b>0</b>	<b>1,113</b>

Medical Readiness Command - Pacific (MRC-P)



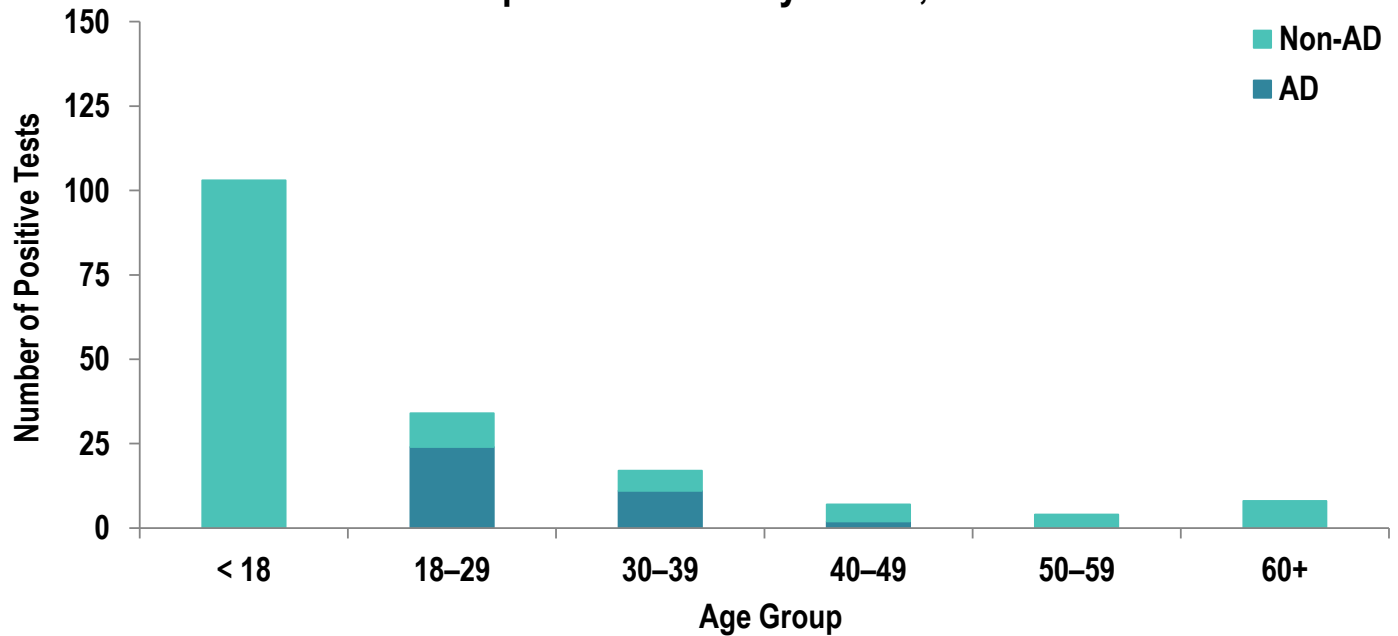
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	1	524
18–29	1	1	337
30–39	2	1	221
40–49	0	0	89
50–59	0	0	43
60+	0	0	92
<b>Total</b>	<b>3</b>	<b>3</b>	<b>1,306</b>

\*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.

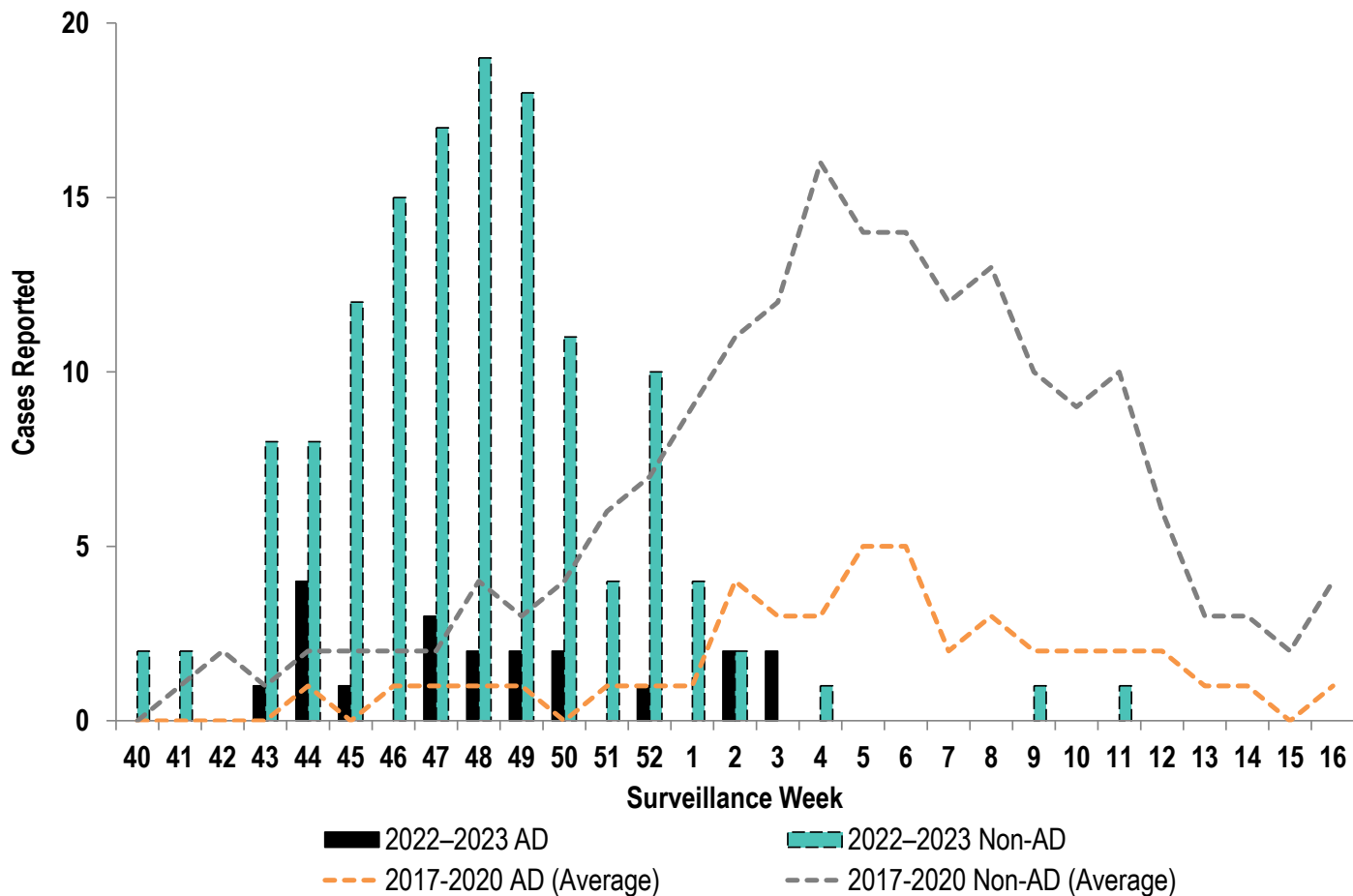
Number of Positive Influenza A Specimens by Region and Duty Status

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

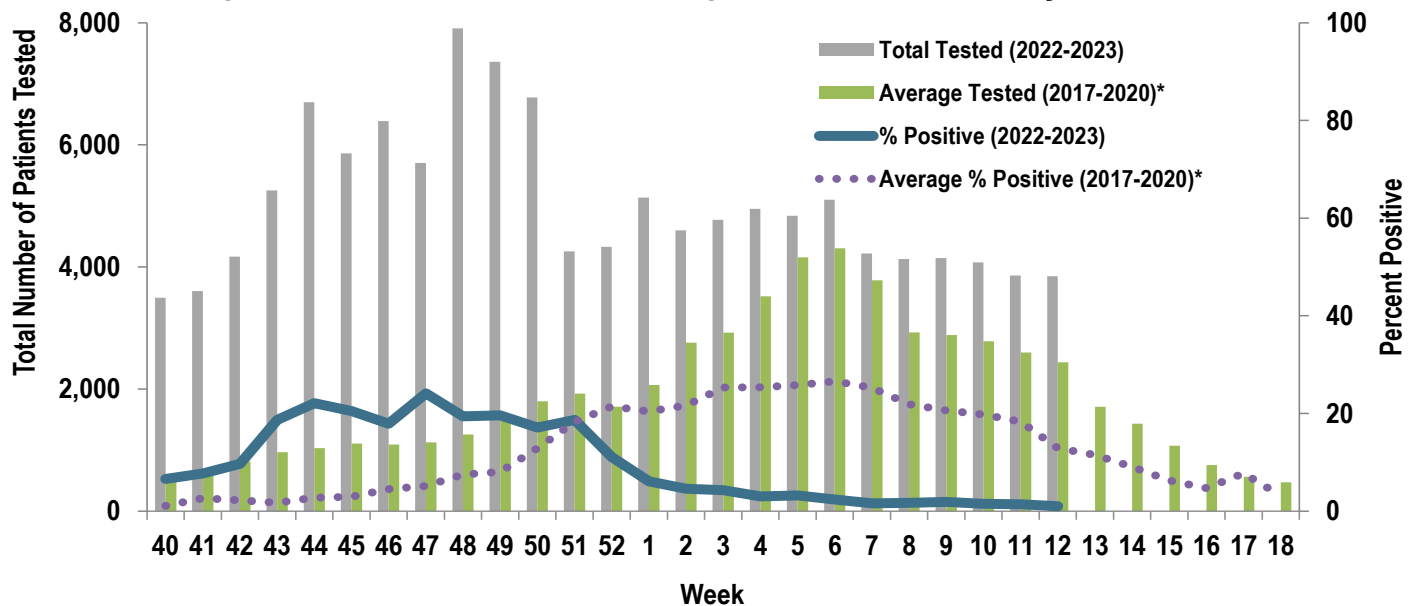
### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 12



### Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

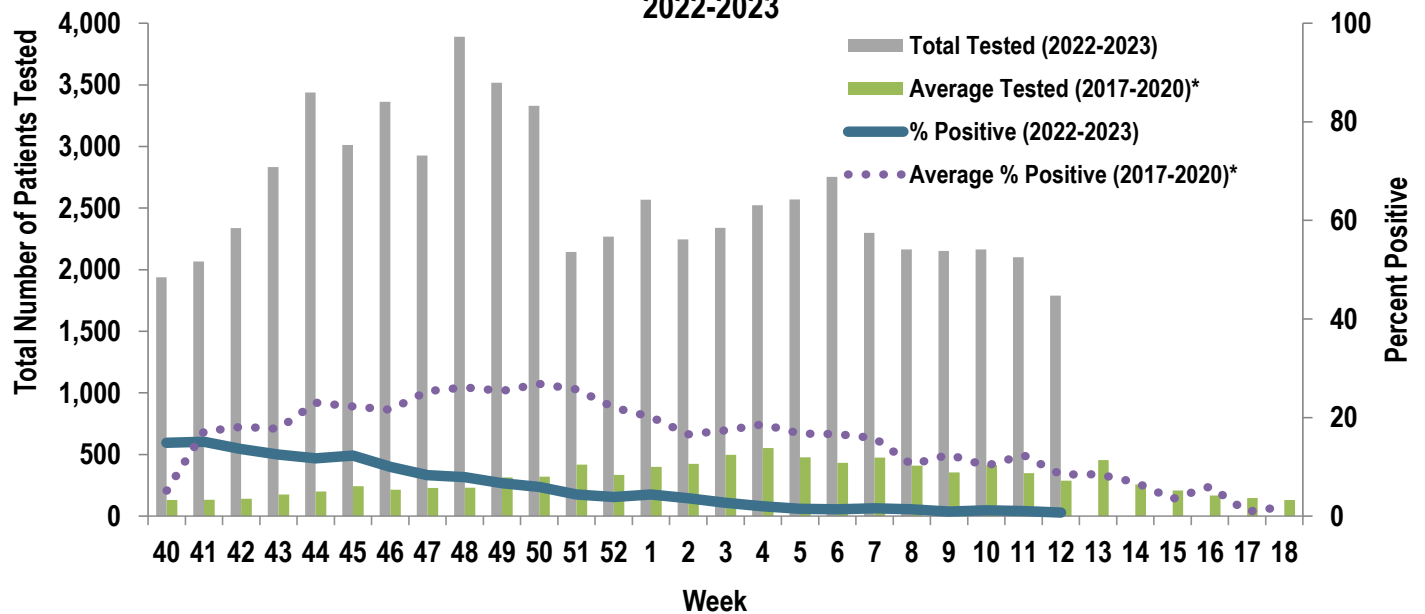


### Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



\*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.

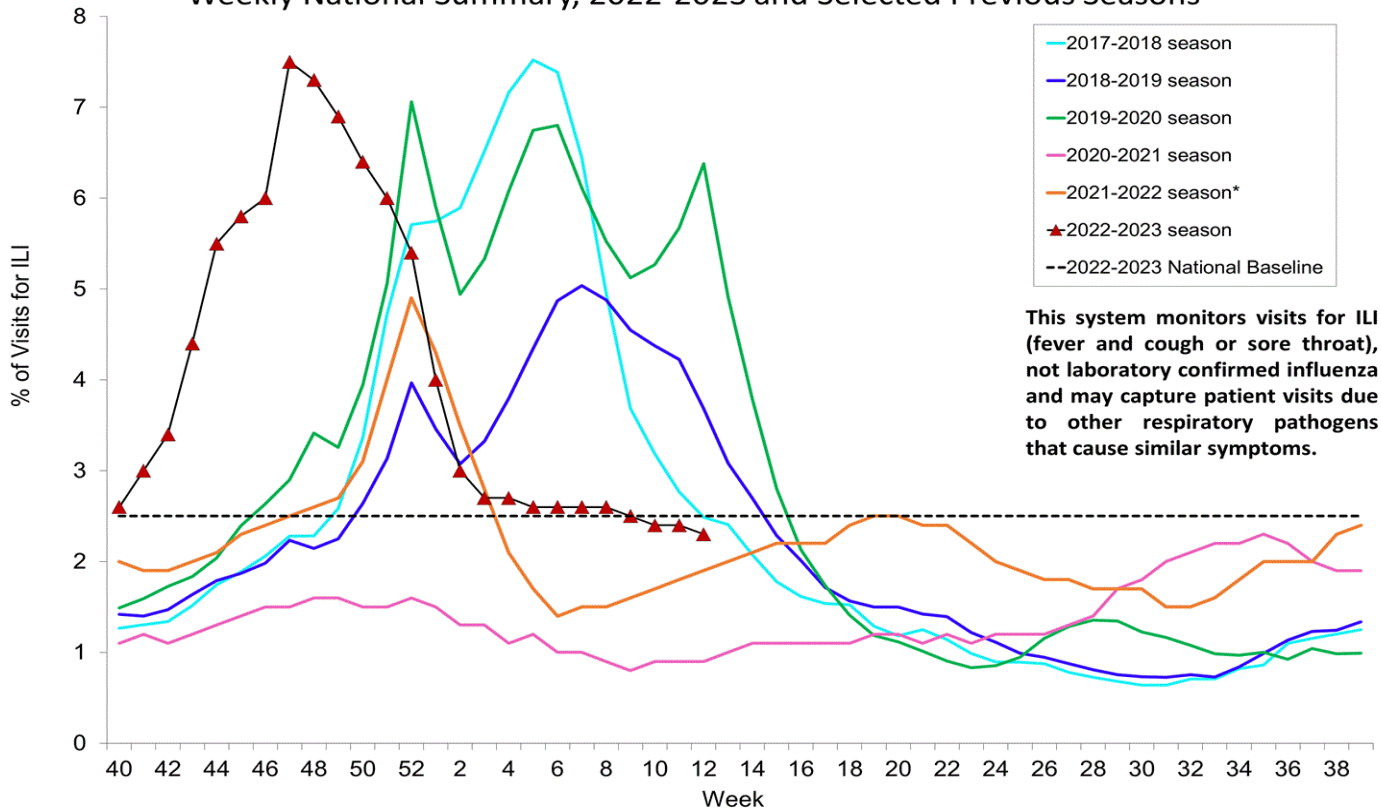
**Proportion of Positive Respiratory Syncytial Virus Specimens for U.S. Army, 2022-2023**



\*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 25, 2023

