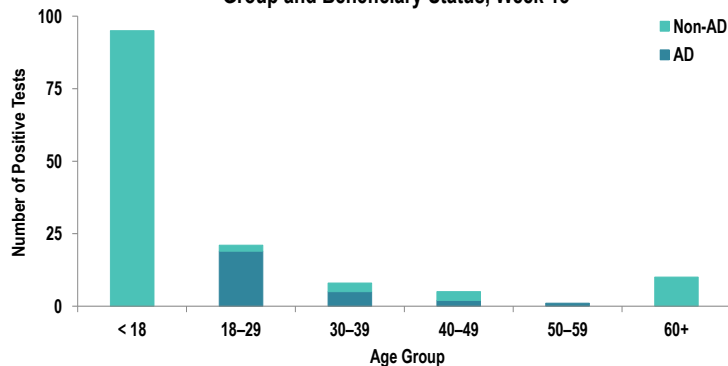


### SUMMARY

Influenza A activity decreased since the previous surveillance week in the Army population. Thirty positive influenza A and fourteen influenza B specimens were reported during surveillance Week 13. No influenza-associated hospitalizations were reported in Week 13; the season total thus far is 155 hospitalizations compared to an average of 193 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 13



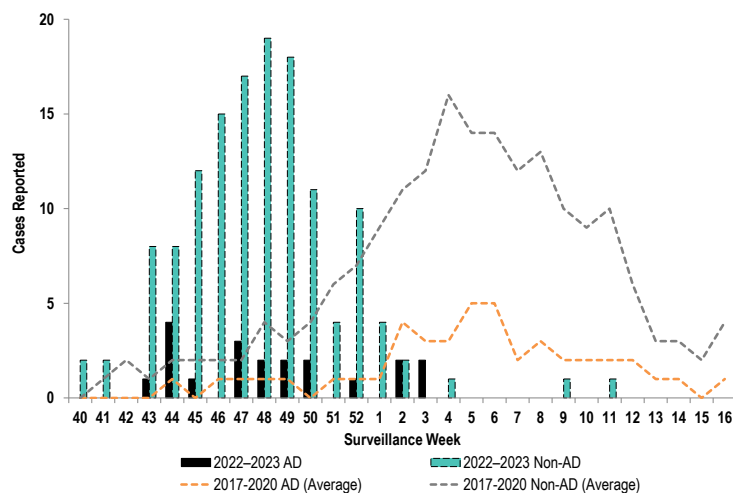
**AD:** Twenty-seven positive respiratory specimens were collected from active duty (AD) Servicemembers (SMs) during Week 13; 70.4% (n=19) of the positive specimens were collected from SMs 18 – 29 years of age.

**Non-AD:** One hundred and thirteen positive respiratory specimens were collected from non-AD individuals during Week 13; 84.1% (n=95) 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 13 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 155 hospitalizations. The Week 13 average during the 2017–2020 seasons was 3 hospitalizations (with an average of 193 hospitalizations reported from the start of the season through Week 13).

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

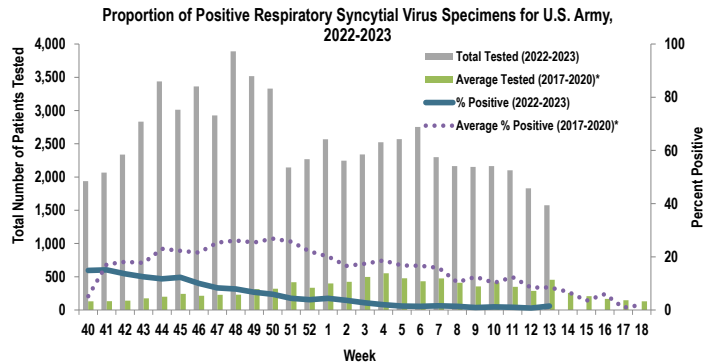
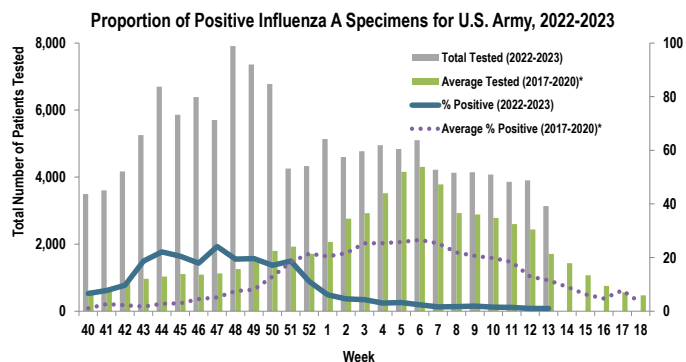
Data are preliminary and subject to change.

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 3,135 specimens tested for influenza A during Week 13, 1.0% (n=30) were positive. This is the same as Week 12 (1.0%).

Of the 1,575 specimens tested for RSV during Week 13, 1.5% (n=24) were positive. This is an increase from Week 12 (0.7%).

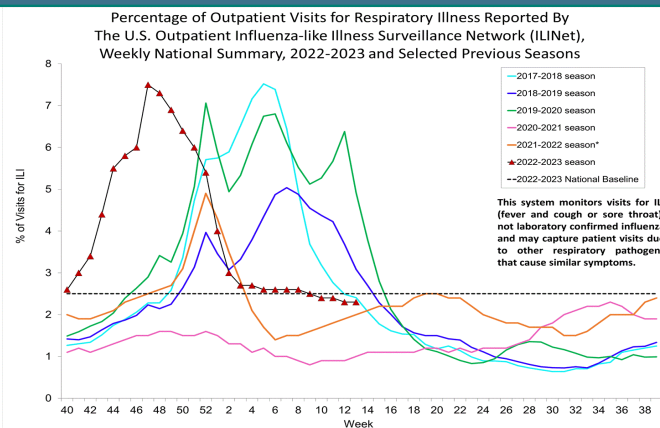
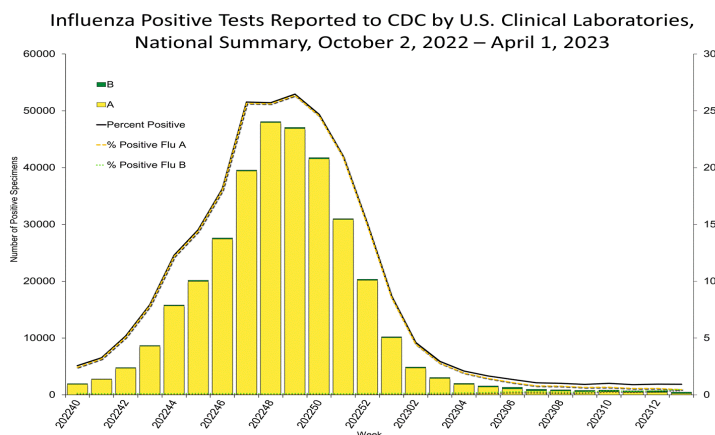
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 10	Week 11	Week 12	Week 13	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	30	33	33	24	562
	Enterovirus	41	25	34	32	671
	Influenza A	62	54	39	30	14,053
	Influenza B	33	25	33	14	816
	Parainfluenza	24	28	25	17	611
	RSV	25	20	12	24	4,100
	Negative	3,957	3,750	3,815	3,073	109,814
	<b>Total</b>	<b>4,172</b>	<b>3,935</b>	<b>3,991</b>	<b>3,214</b>	<b>130,627</b>

Of the 3,214 specimens tested during Week 13, 4.4% (n=141) were positive for any type of respiratory illness. Enterovirus accounted for 22.7% (n=32), influenza A for 21.3% (n=30), adenovirus and RSV both accounted for 17.0% (n=24), parainfluenza accounted for 12.1% (n=17), and influenza B for 9.9% (n=14). Additionally, the reported number of specimens tested decreased by 19.5% from Week 12 to Week 13.

Significantly more tests for influenza have been conducted this season compared to past seasons; 128,664 specimens have been tested for influenza A so far this season compared to the average of 54,527 specimens during the same time period in 2017-2020.

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

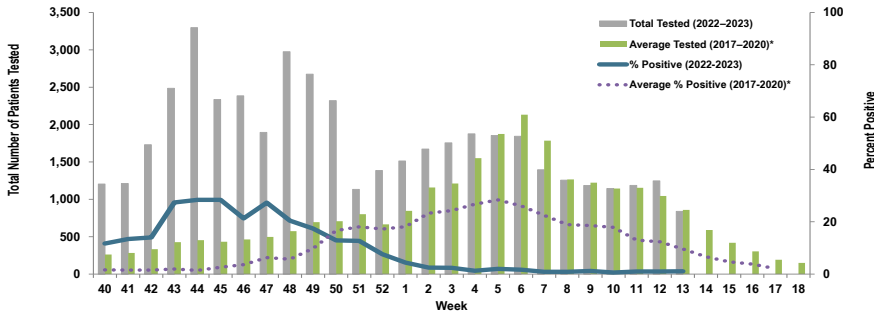


Nationwide in Week 13, incident ILI activity was 2.3%; this is below the national baseline of 2.5%. Additionally, a total of 51,569 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 482 (0.9%) were positive. Influenza A accounted for 49.8% (n=240) of the total positive specimens.

**Locations providing Week 13 laboratory data as of 5 April 2023:** Ft. Belvoir, Ft. Benning, Ft. Bliss, Ft. Bragg, Ft. Campbell, Camp Zama, Ft. Carson, Ft. Drum, Ft. Gordon, Ft. Hood, Ft. Huachuca, Ft. Jackson, Ft. Knox, Ft. Leavenworth, Ft. Lee, Ft. Leonard Wood, Ft. Lewis, Ft. Riley, Ft. Rucker, Ft. Sam Houston, Ft. Sill, Ft. Stewart, Ft. Wainwright, Korea, Landstuhl Regional Medical Center, Redstone Arsenal, and Tripler Army Medical Center.

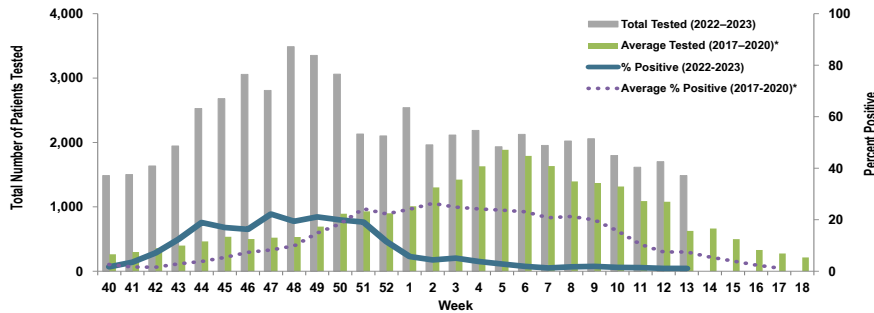
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020\*

Medical Readiness Command - Atlantic (MRC-A)



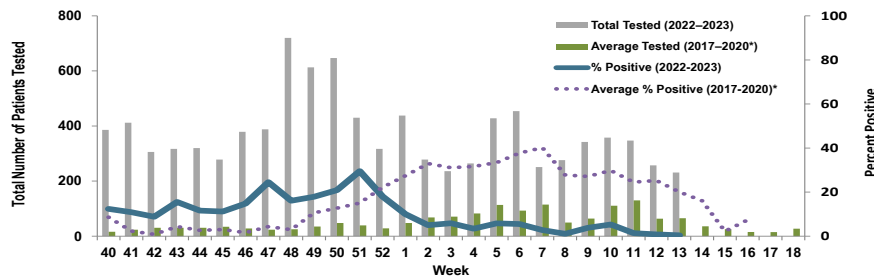
Week 13			
Age Group	AD	Non-AD	Season Total
< 18	0	7	2,932
18–29	0	0	1,243
30–39	1	1	737
40–49	0	0	360
50–59	0	0	241
60+	0	0	253
<b>Total</b>	<b>1</b>	<b>8</b>	<b>5,766</b>

Medical Readiness Command - Central (MRC-C)



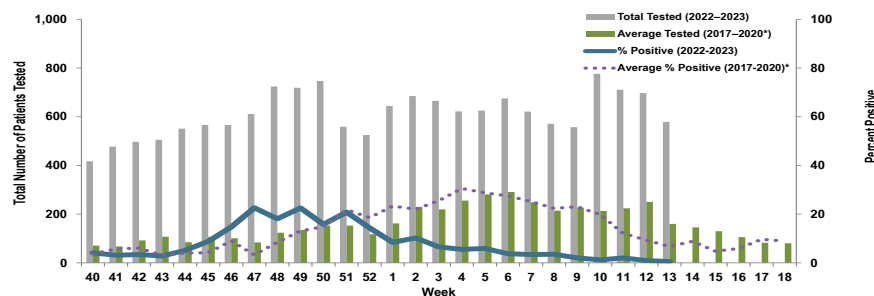
Week 13			
Age Group	AD	Non-AD	Season Total
< 18	0	3	2,817
18–29	11	1	1,352
30–39	2	0	731
40–49	0	0	359
50–59	0	0	213
60+	0	0	361
<b>Total</b>	<b>13</b>	<b>4</b>	<b>5,833</b>

Medical Readiness Command - Europe (MRC-E)



Week 13			
Age Group	AD	Non-AD	Season Total
< 18	0	1	613
18–29	0	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>0</b>	<b>1</b>	<b>1,114</b>

Medical Readiness Command - Pacific (MRC-P)



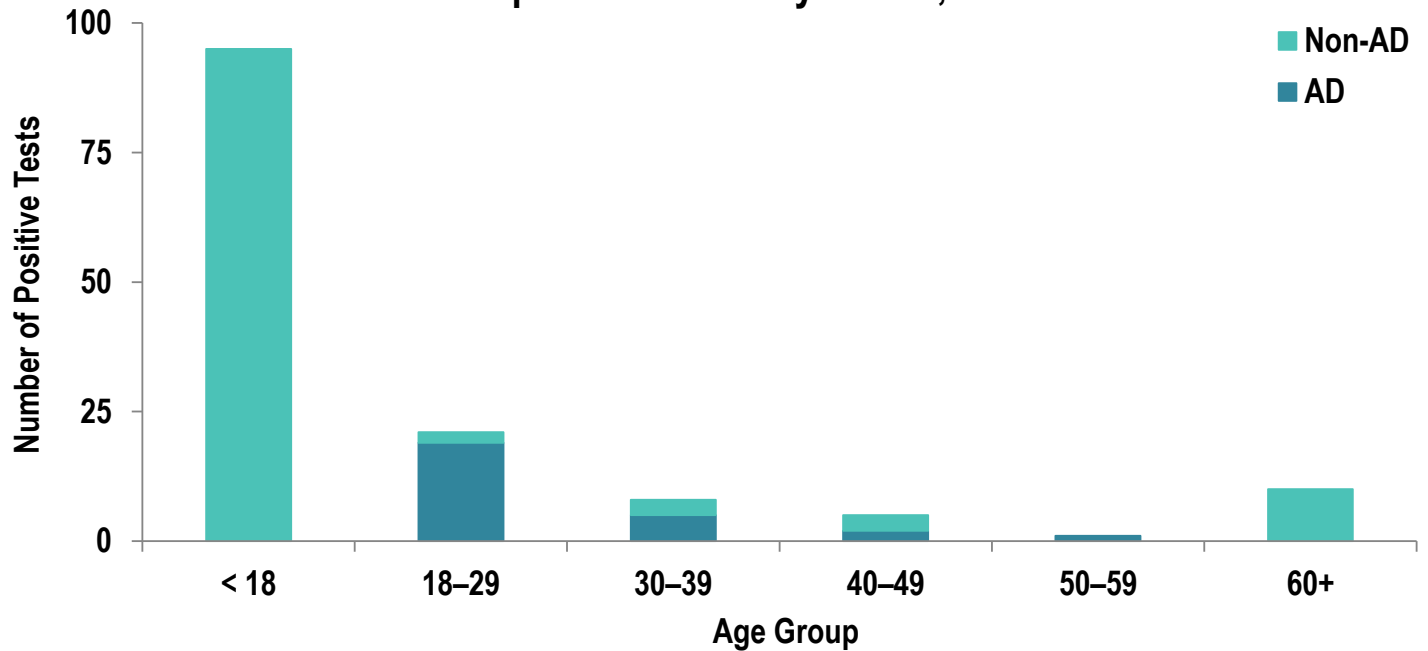
Week 13			
Age Group	AD	Non-AD	Season Total
< 18	0	3	527
18–29	0	0	337
30–39	0	0	221
40–49	0	0	89
50–59	0	0	43
60+	0	0	92
<b>Total</b>	<b>0</b>	<b>3</b>	<b>1,309</b>

\*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.

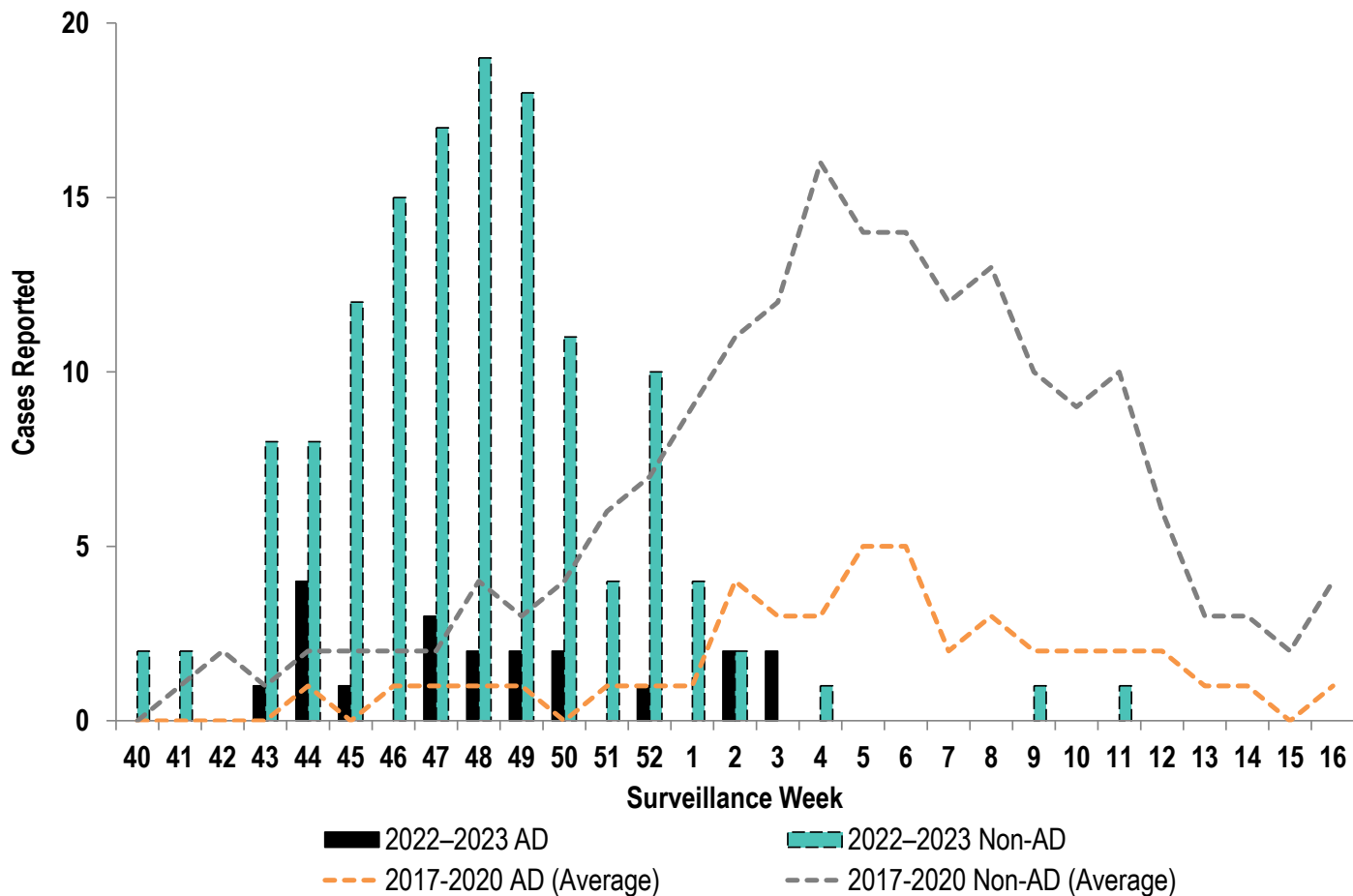
Number of Positive Influenza A Specimens by Region and Duty Status

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

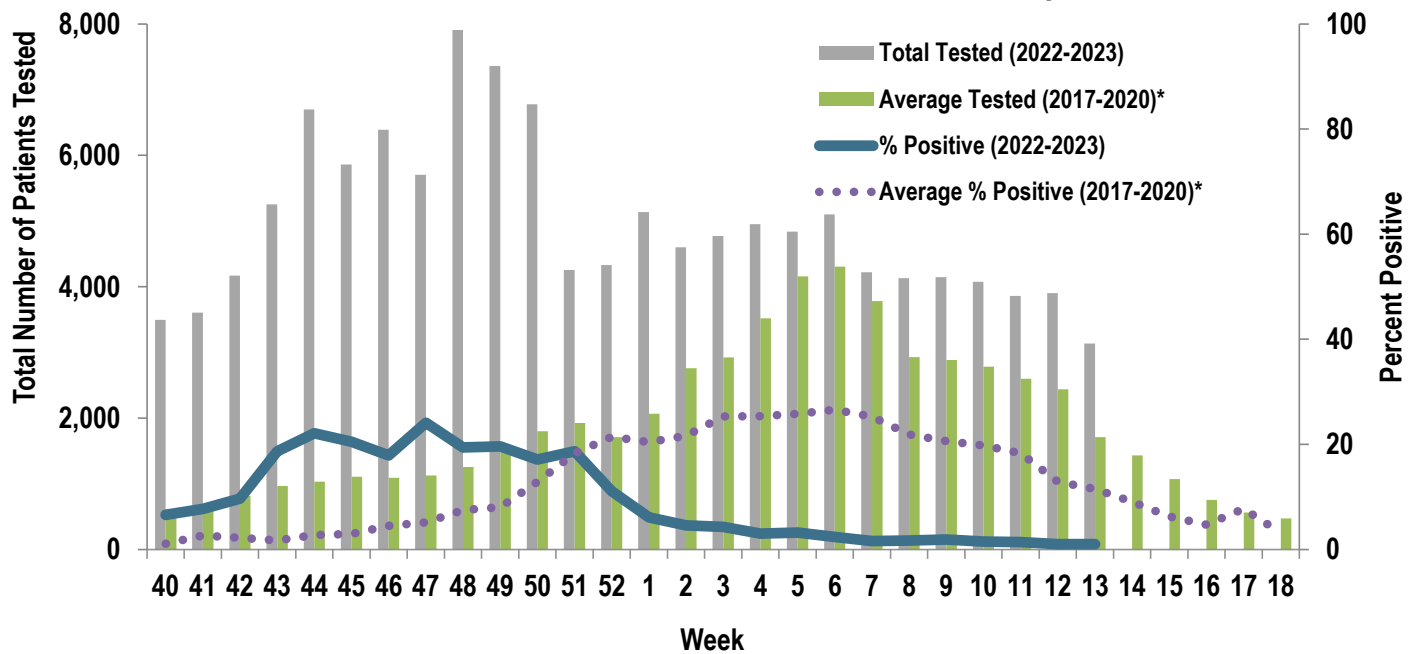
### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 13



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

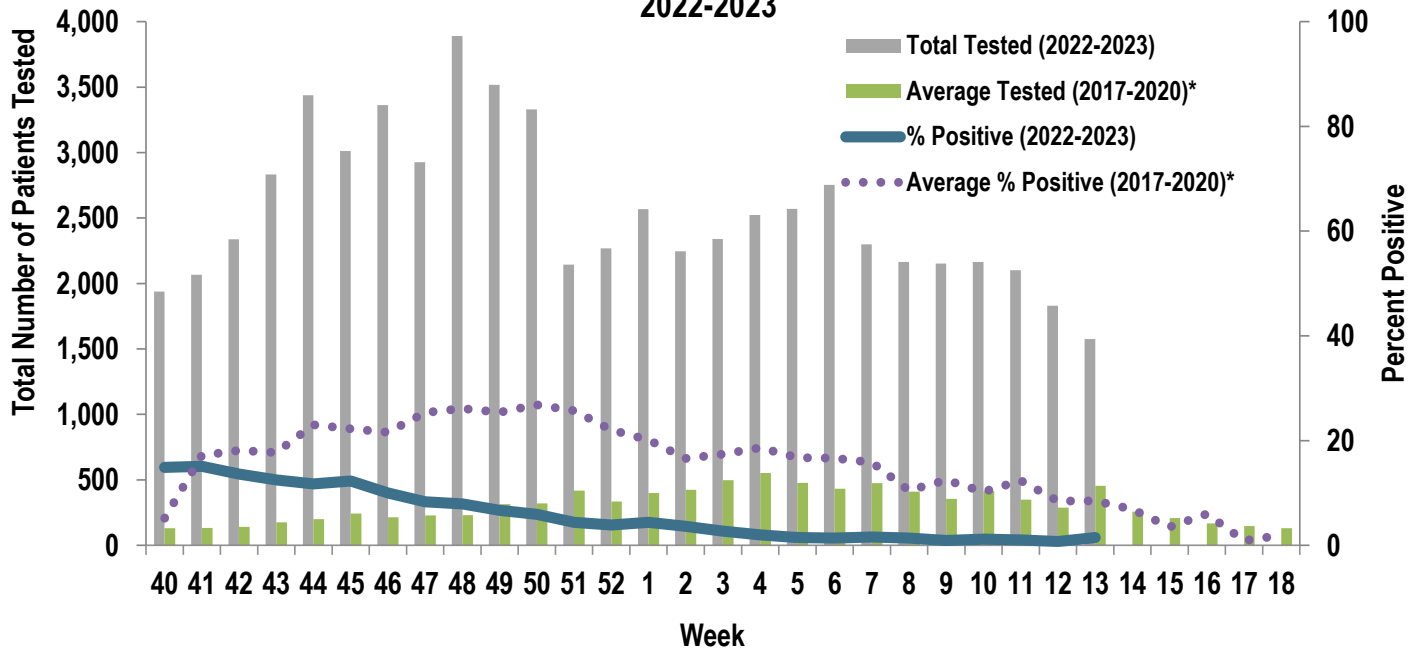


### Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



\*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.

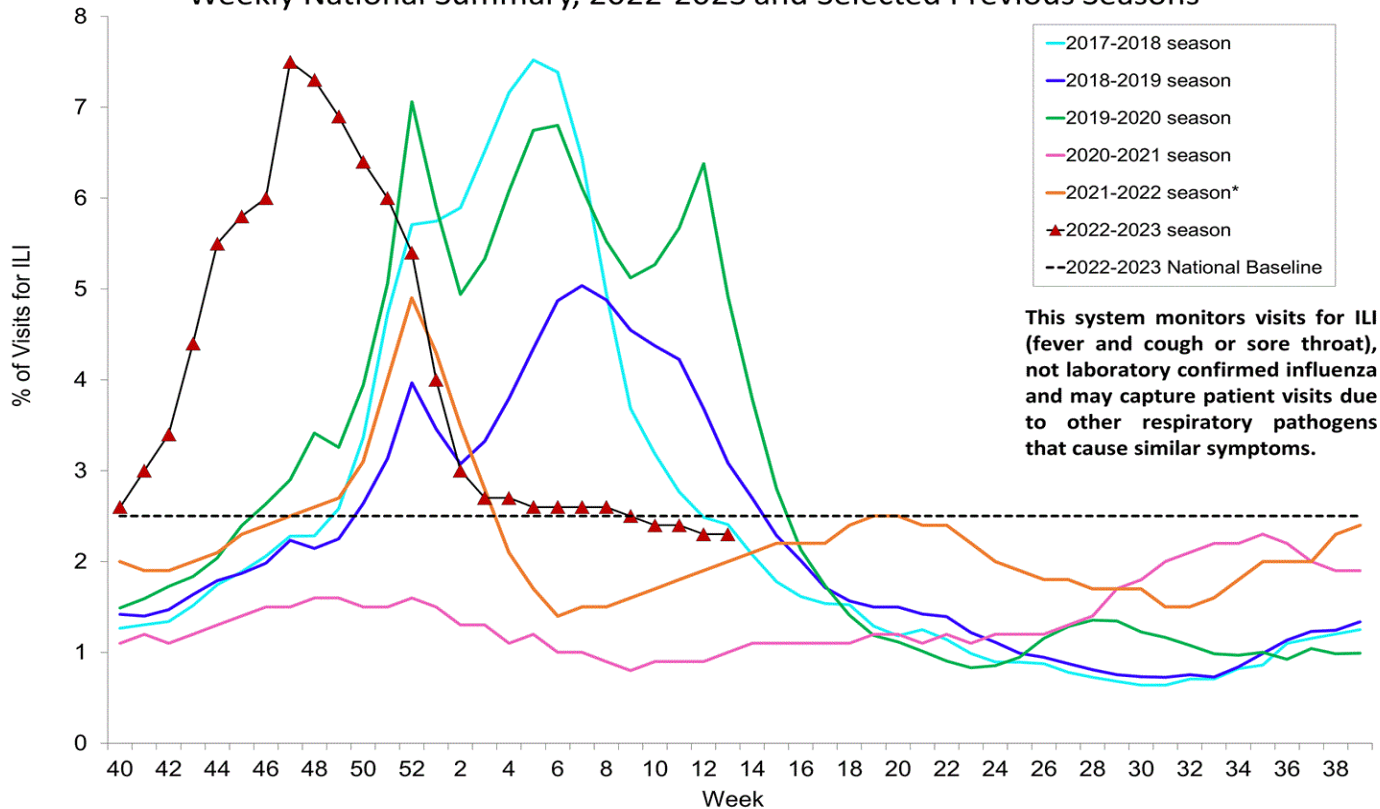
**Proportion of Positive Respiratory Syncytial Virus Specimens for U.S. Army, 2022-2023**



\*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 1, 2023

