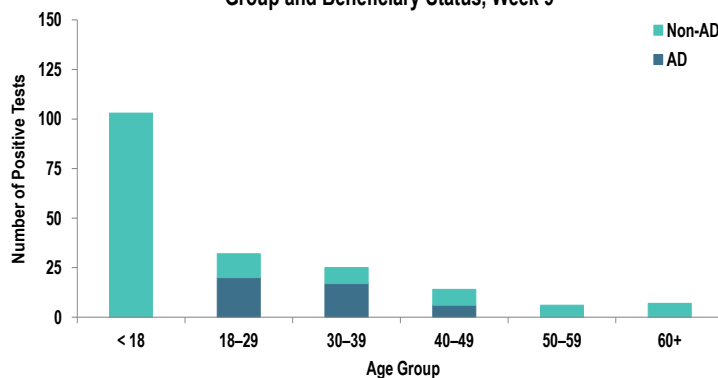


## SUMMARY

Influenza A activity is stable in the Army population. Seventy-two positive influenza A and thirty-eight influenza B specimens were reported during surveillance Week 9. One influenza-associated hospitalization was reported among a non-service member during week 9; the season total thus far is 154 hospitalizations compared to an average of 168 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 9



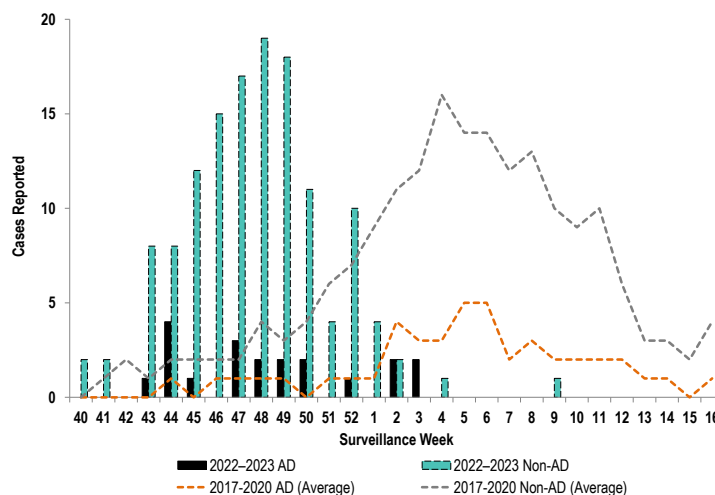
**AD:** Forty-three positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 9; 46.5% (n=20) of the positive specimens were collected from SMs 18 – 29 years of age.

**Non-AD:** One hundred and forty-four positive respiratory specimens were collected from non-AD individuals during Week 9; 71.5% (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



One influenza-associated hospitalization among a non-AD individual with an onset date in Week 9 was reported to the Disease Reporting System internet (DRSi). The season total thus far is 154 hospitalizations. The Week 9 average during the 2017–2020 seasons was 11 hospitalizations (with an average of 168 hospitalizations reported from the start of the season through Week 9).

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

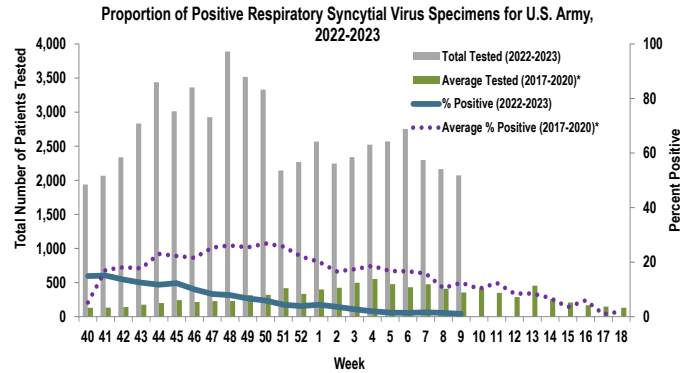
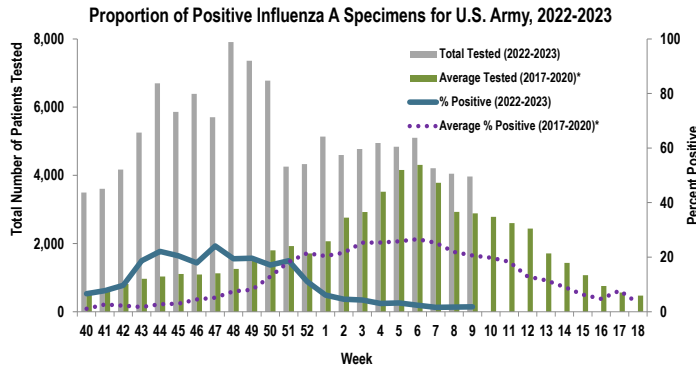
Data are preliminary and subject to change.

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](mailto:Email DCPH-A DEP)

INFLUENZA A ACTIVITY - ARMY

RSV ACTIVITY - ARMY



Of the 3,964 specimens tested for influenza A during Week 9, 1.8% (n=72) were positive. This is a slight increase from Week 8 (1.7%).

Of the 2,072 specimens tested for RSV during Week 9, 1.0% (n=20) were positive. This is a decrease from Week 8 (1.4%).

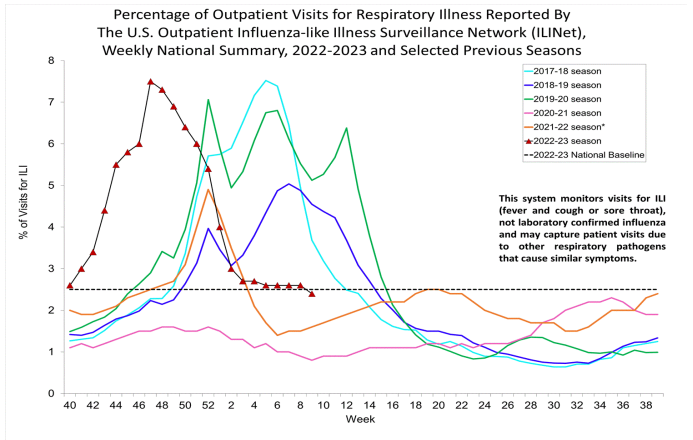
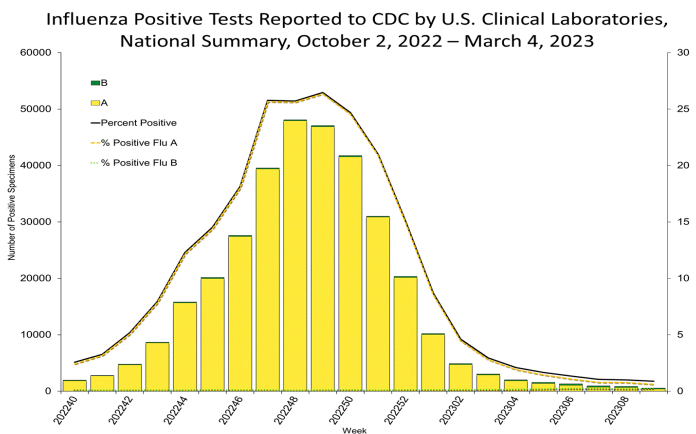
Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 6	Week 7	Week 8	Week 9	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	29	26	27	25	441
	Enterovirus	29	34	27	18	539
	Influenza A	121	66	69	72	13,863
	Influenza B	28	28	27	38	708
	Parainfluenza	22	21	14	14	517
	RSV	39	37	31	20	4,019
	Negative	4,921	4,107	3,939	3,872	94,947
	<b>Total</b>	<b>5,189</b>	<b>4,319</b>	<b>4,134</b>	<b>4,059</b>	<b>115,034</b>

Of the 4,059 specimens tested during Week 9, 4.6% (n=187) were positive for any type of respiratory illness. Of the positive results, Influenza A accounted for 38.5% (n=72), influenza B accounted for 20.3% (n=38), adenovirus accounted for 13.4% (n=25), RSV accounted for 10.7% (n=20), enterovirus accounted for 9.6% (n=18), and parainfluenza accounted for 7.5% (n=14). Additionally, the reported number of specimens tested decreased by 1.8% from Week 8 to Week 9.

Significantly more tests for influenza have been conducted this season compared to past seasons; 113,408 specimens have been tested for influenza A so far this season compared to the average of 44,996 specimens during the same time period in 2017-2020.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

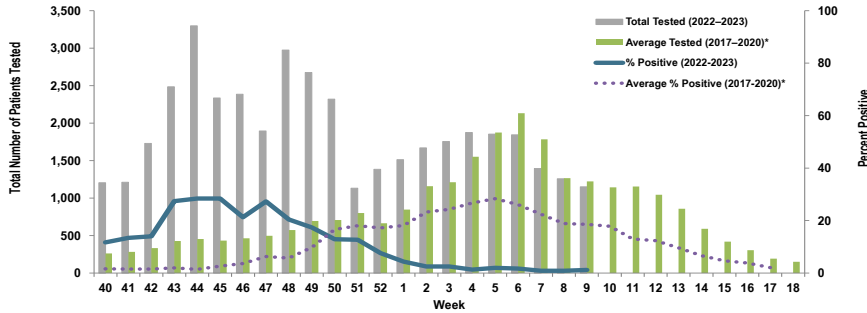


Nationwide in Week 9, incident ILI activity was 2.4%; this is below the national baseline of 2.5%. Additionally, a total of 64,083 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 565 (0.9%) were positive. Influenza A accounted for 70.1% (n=396) of the total positive specimens. For further information, please click [here](#).

**Locations providing Week 9 laboratory data as of 8 March 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. 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.

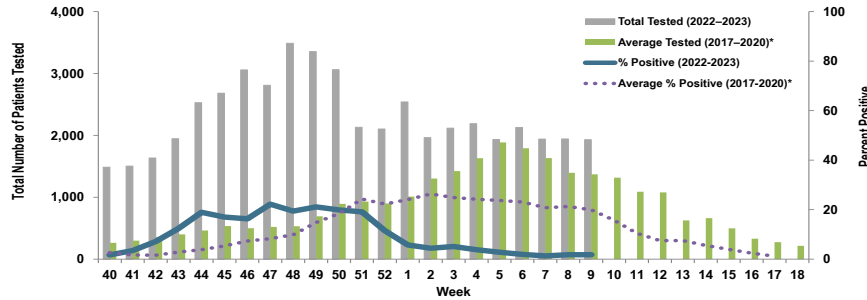
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020\*

Regional Health Command - Atlantic (RHC-A)



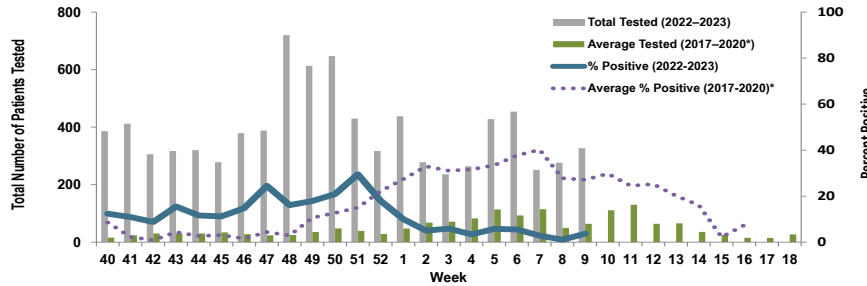
Week 9			
Age Group	AD	Non-AD	Season Total
< 18	0	8	2,911
18–29	0	1	1,238
30–39	1	1	730
40–49	1	1	358
50–59	0	1	241
60+	0	0	248
<b>Total</b>	<b>2</b>	<b>12</b>	<b>5,726</b>

Regional Health Command - Central (RHC-C)



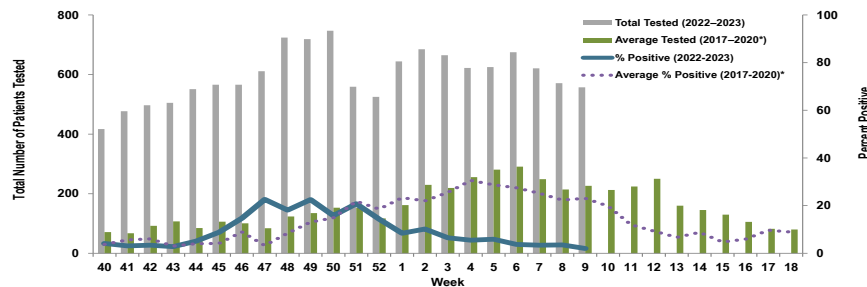
Week 9			
Age Group	AD	Non-AD	Season Total
< 18	0	13	2,791
18–29	6	5	1,314
30–39	6	0	714
40–49	0	3	356
50–59	0	1	211
60+	0	1	357
<b>Total</b>	<b>12</b>	<b>23</b>	<b>5,743</b>

Regional Health Command - Europe (RHC-E)



Week 9			
Age Group	AD	Non-AD	Season Total
< 18	0	8	603
18–29	0	0	202
30–39	1	1	155
40–49	1	0	77
50–59	0	1	25
60+	0	0	24
<b>Total</b>	<b>2</b>	<b>10</b>	<b>1,086</b>

Regional Health Command - Pacific (RHC-P)



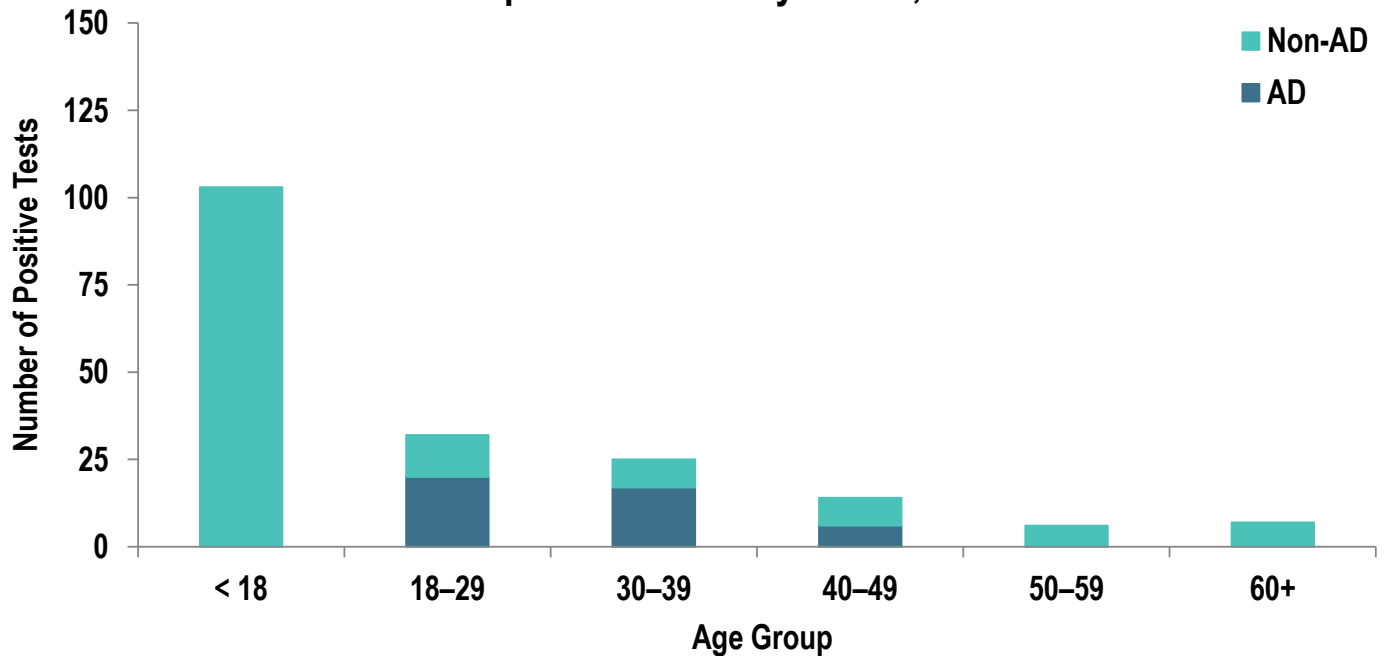
Week 9			
Age Group	AD	Non-AD	Season Total
< 18	0	4	516
18–29	1	1	327
30–39	1	1	215
40–49	1	1	86
50–59	0	1	42
60+	0	0	91
<b>Total</b>	<b>3</b>	<b>8</b>	<b>1,277</b>

\*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.

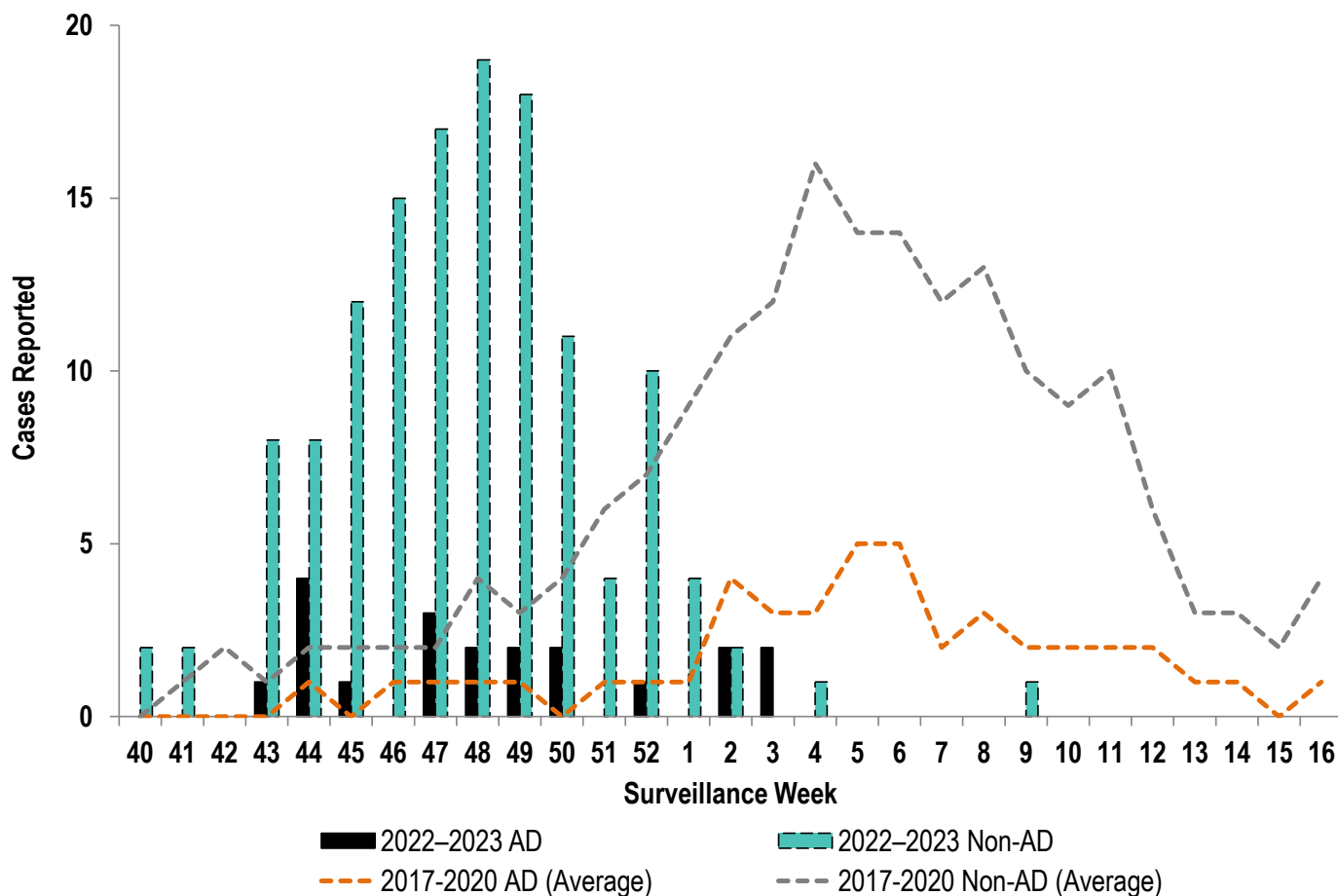
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 6		Week 7		Week 8		Week 9	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	11	20	2	11	2	9	2	12
RHC-C	16	24	8	17	13	22	12	23
RHC-E	9	16	1	6	0	3	2	10
RHC-P	8	17	11	10	6	14	3	8

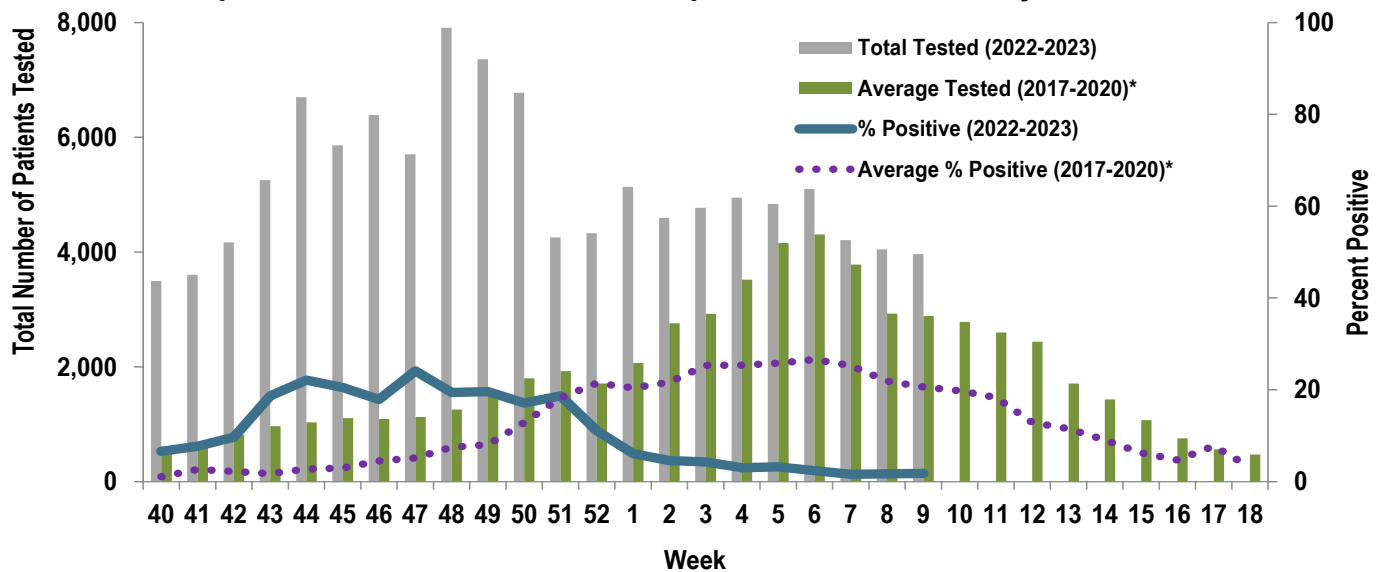
### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 9



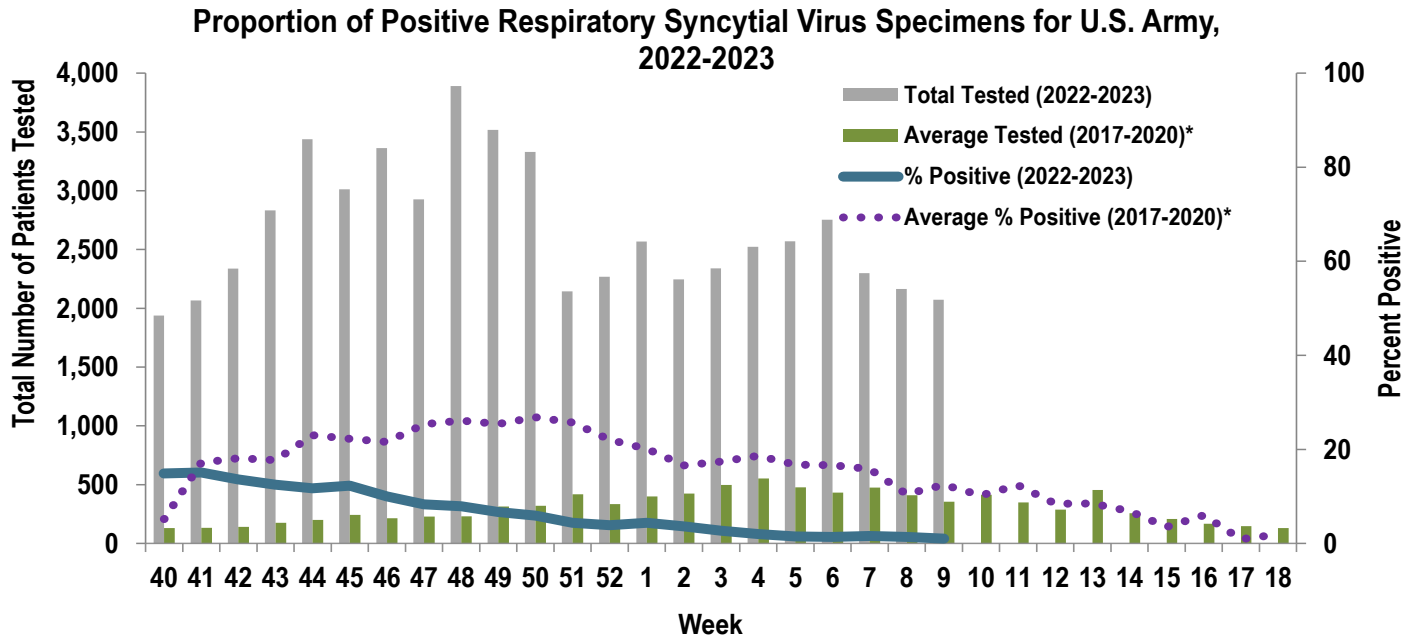
### Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



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



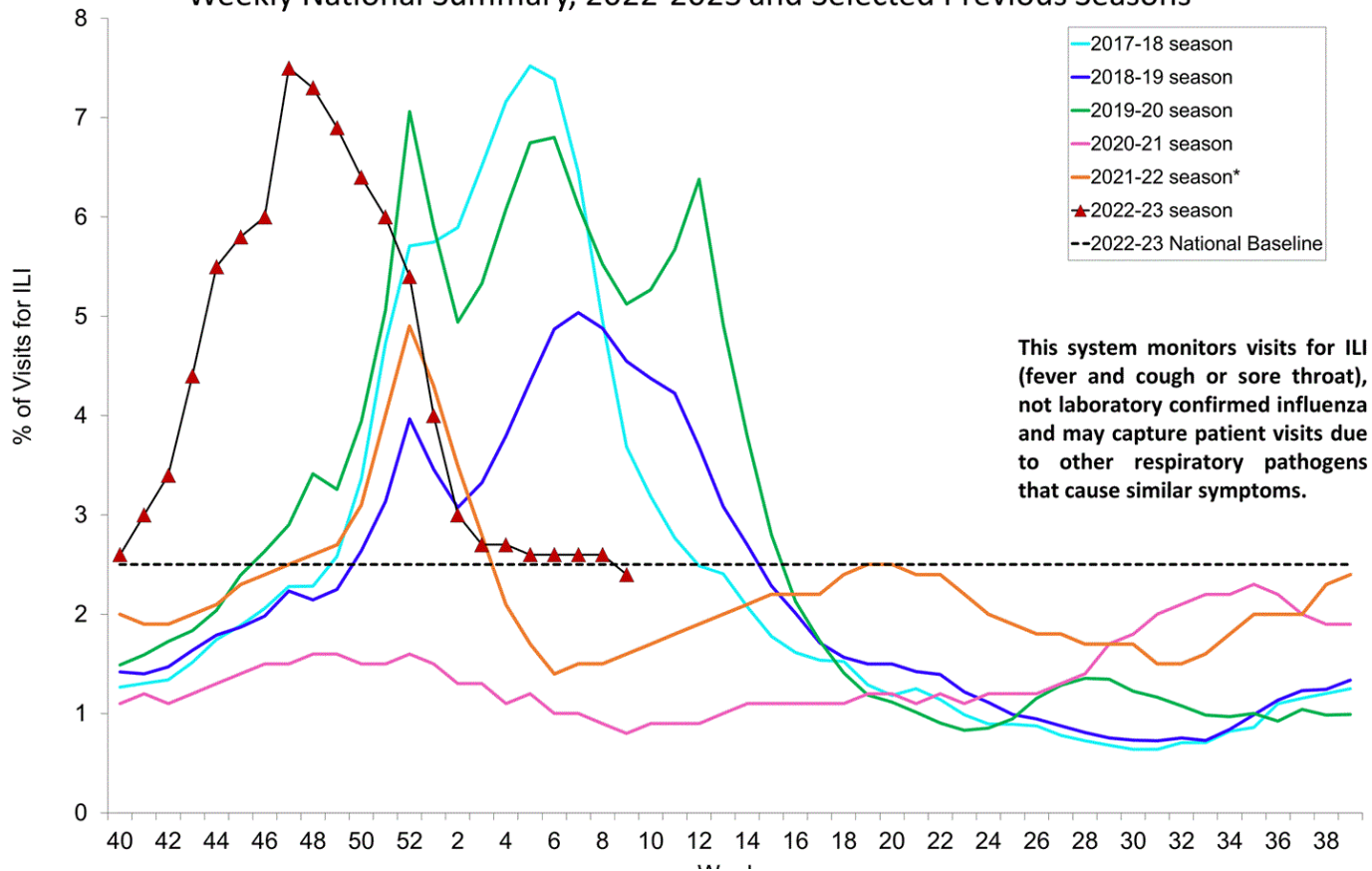
\*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.



\*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 4, 2023

