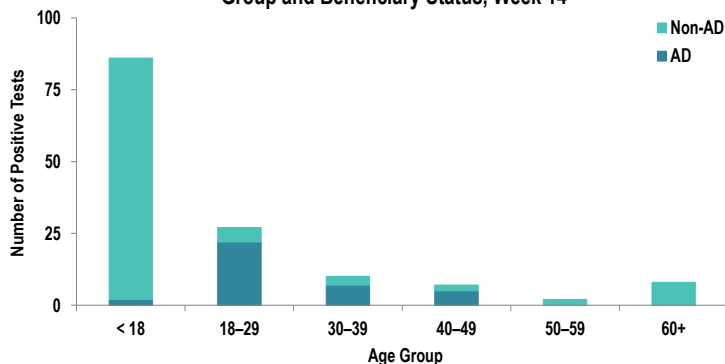


## SUMMARY

Influenza A activity decreased since the previous surveillance week in the Army population. Thirty-eight positive influenza A and twenty-five influenza B specimens were reported during surveillance Week 14. One influenza-associated hospitalization was reported during week 14; the season total thus far is 156 hospitalizations compared to an average of 194 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 14



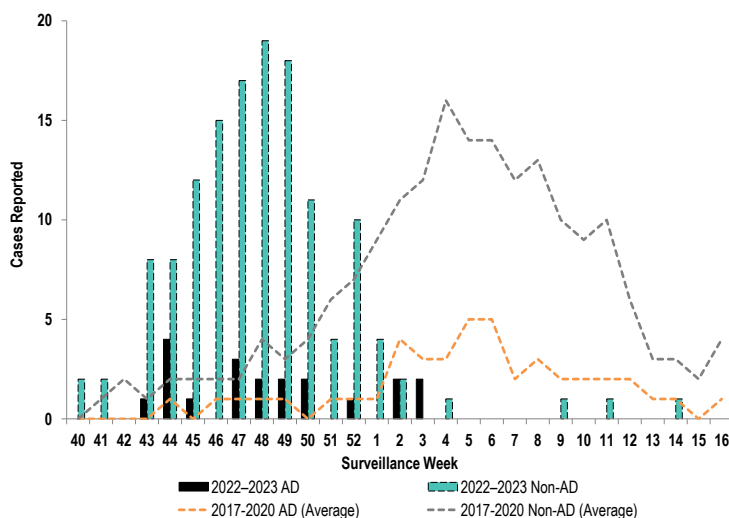
**AD:** Thirty-six positive respiratory specimens were collected from active duty (AD) Servicemembers (SMs) during Week 14; 61.1% (n=22) of the positive specimens were collected from SMs 18 – 29 years of age.

**Non-AD:** One hundred and four respiratory specimens were collected from non-AD individuals during Week 14; 80.8% (n=84) 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 with an onset date in Week 14 was reported to the Disease Reporting System internet (DRSi); the case was a non-AD individual. The season total thus far is 156 hospitalizations. The Week 14 average during the 2017–2020 seasons was 2 hospitalizations (with an average of 194 hospitalizations reported from the start of the season through Week 14).

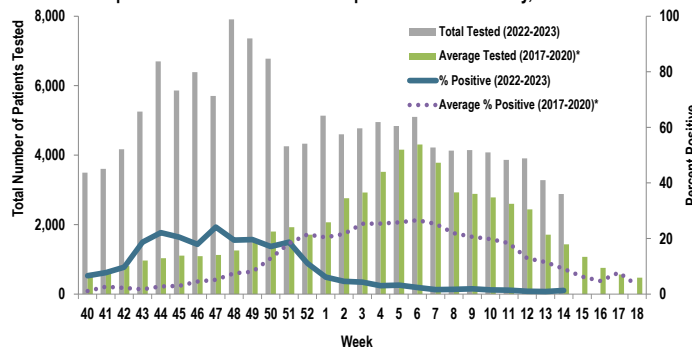
*The DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.*

Data are preliminary and subject to change.

## INFLUENZA A ACTIVITY - ARMY

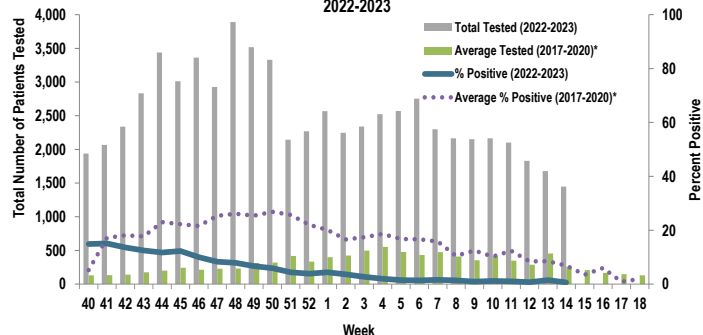
## RSV ACTIVITY - ARMY

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



Of the 2,879 specimens tested for influenza A during Week 14, 1.3% (n=38) were positive. This is an increase from Week 13 (0.9%).

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



Of the 1,448 specimens tested for RSV during Week 14, 0.6% (n=8) were positive. This is a decrease from Week 13 (1.5%).

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

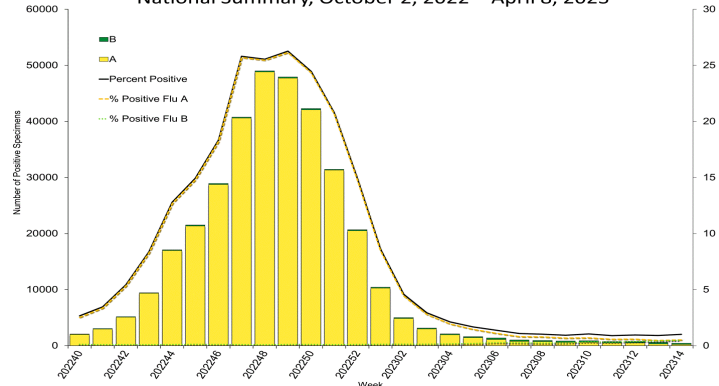
		Week 11	Week 12	Week 13	Week 14	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	33	33	28	24	590
	Enterovirus	25	34	32	27	698
	Influenza A	54	39	31	38	14,092
	Influenza B	26	34	17	25	846
	Parainfluenza	28	25	21	18	633
	RSV	20	12	26	8	4,110
	Negative	3,752	3,818	3,208	2,816	112,771
	<b>Total</b>	<b>3,938</b>	<b>3,995</b>	<b>3,363</b>	<b>2,956</b>	<b>133,740</b>

Of the 2,956 specimens tested during Week 14, 4.7% (n=140) were positive for any type of respiratory illness. Influenza A accounted for 27.1% (n=38), enterovirus accounted for 19.3% (n=27), influenza B accounted for 17.9% (n=25), adenovirus accounted for 17.1% (n=24), parainfluenza accounted for 12.9% (n=18), and RSV accounted for 5.7% (n=8). Additionally, the reported number of specimens tested decreased by 12.1% from Week 13 to Week 14.

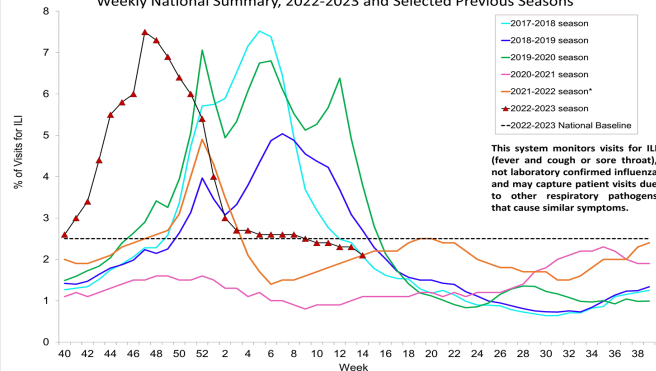
Significantly more tests for influenza have been conducted this season compared to past seasons; 131,698 specimens have been tested for influenza A so far this season compared to the average of 55,960 specimens during the same time period in 2017-2020.

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

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 2, 2022 - April 8, 2023



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

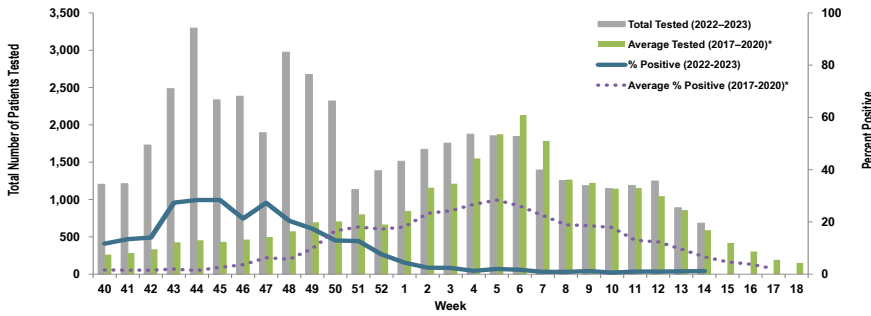


Nationwide in Week 14, incident ILI activity was 2.1%; this is below the national baseline of 2.5%. Additionally, a total of 52,742 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 515 (1.0%) were positive. Influenza A accounted for 52.2% (n=269) of the total positive specimens.

**Locations providing Week 14 laboratory data as of 12 April 2023:** 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 the U.S. Military Academy.

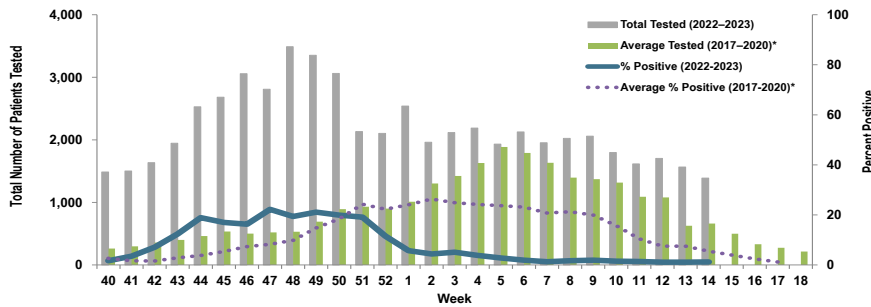
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020\*

Medical Readiness Command - Atlantic (MRC-A)



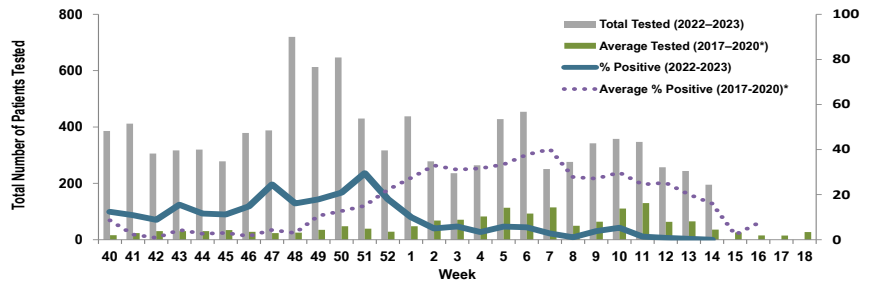
Week 14			
Age Group	AD	Non-AD	Season Total
< 18	0	7	2,939
18–29	0	0	1,244
30–39	1	0	738
40–49	0	0	360
50–59	0	0	241
60+	0	0	253
<b>Total</b>	<b>1</b>	<b>7</b>	<b>5,775</b>

Medical Readiness Command - Central (MRC-C)



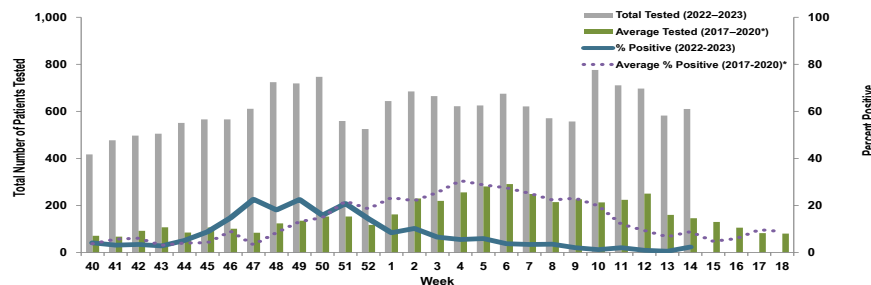
Week 14			
Age Group	AD	Non-AD	Season Total
< 18	1	3	2,821
18–29	5	0	1,357
30–39	1	2	734
40–49	0	1	360
50–59	0	1	214
60+	0	2	363
<b>Total</b>	<b>7</b>	<b>9</b>	<b>5,849</b>

Medical Readiness Command - Europe (MRC-E)



Week 14			
Age Group	AD	Non-AD	Season Total
< 18	0	0	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>0</b>	<b>1,114</b>

Medical Readiness Command - Pacific (MRC-P)



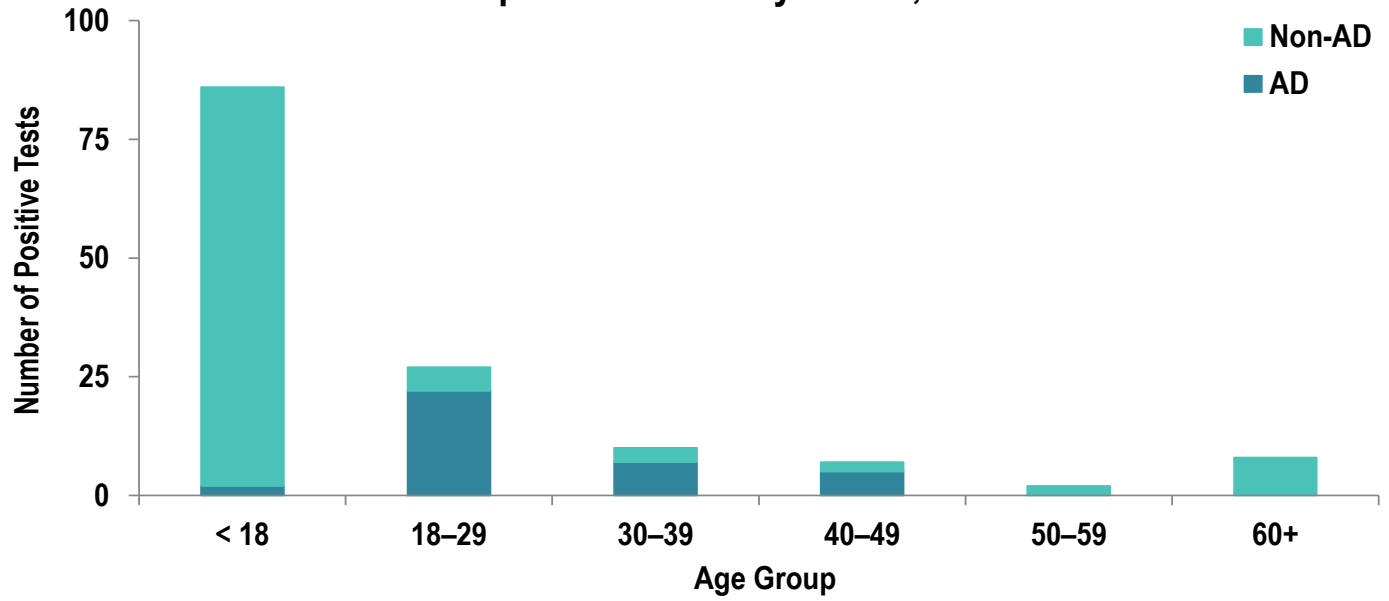
Week 14			
Age Group	AD	Non-AD	Season Total
< 18	0	2	529
18–29	7	1	345
30–39	1	0	222
40–49	1	0	90
50–59	0	0	43
60+	0	2	94
<b>Total</b>	<b>9</b>	<b>5</b>	<b>1,323</b>

\*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.

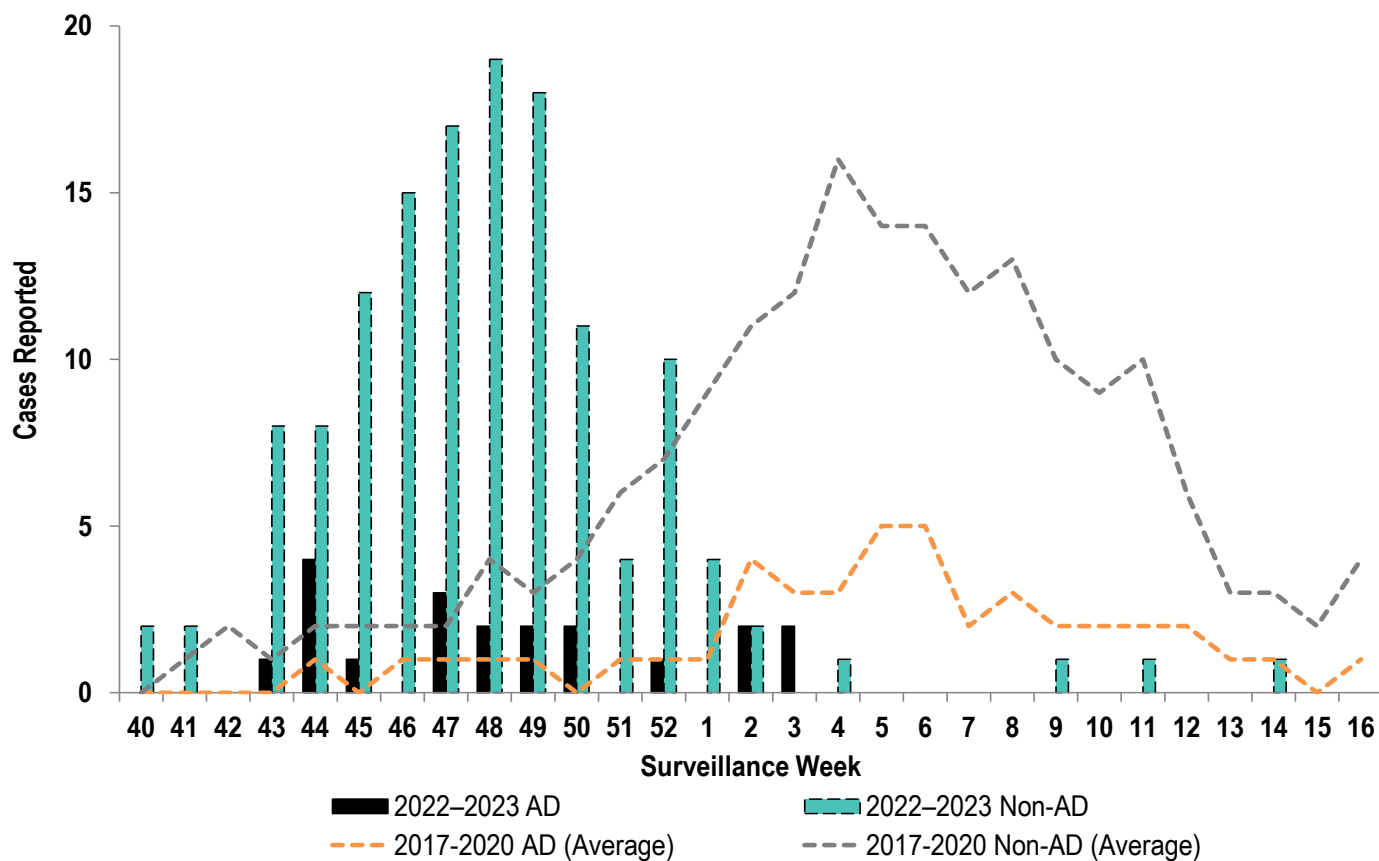
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 11		Week 12		Week 13		Week 14	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-A	0	12	3	9	1	9	1	7
MRC-C	9	14	7	12	13	4	7	9
MRC-E	1	4	2	0	0	1	0	0
MRC-P	5	9	3	3	0	3	9	5

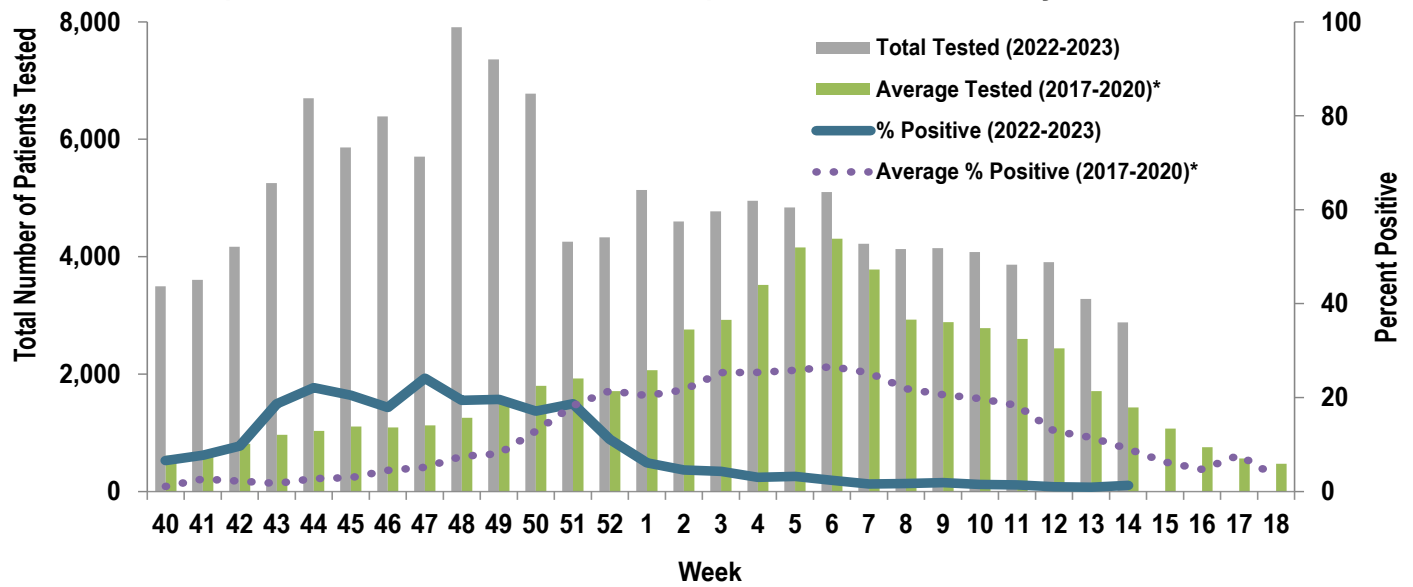
### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 14



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

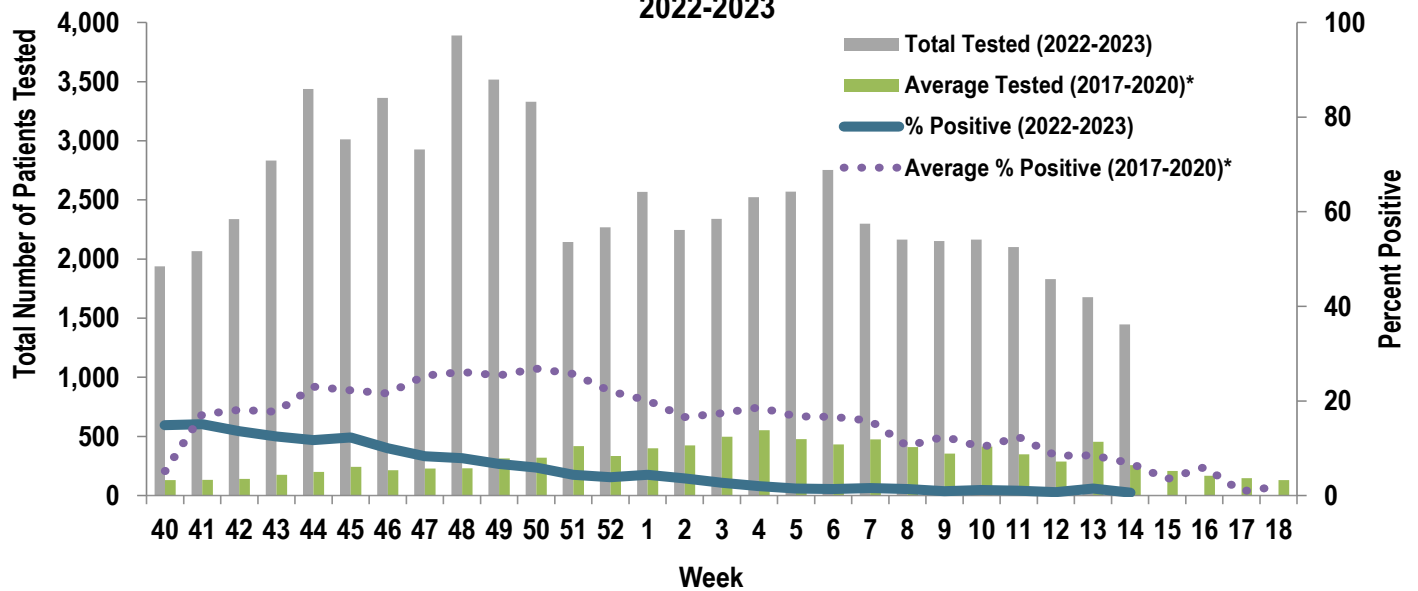


### Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



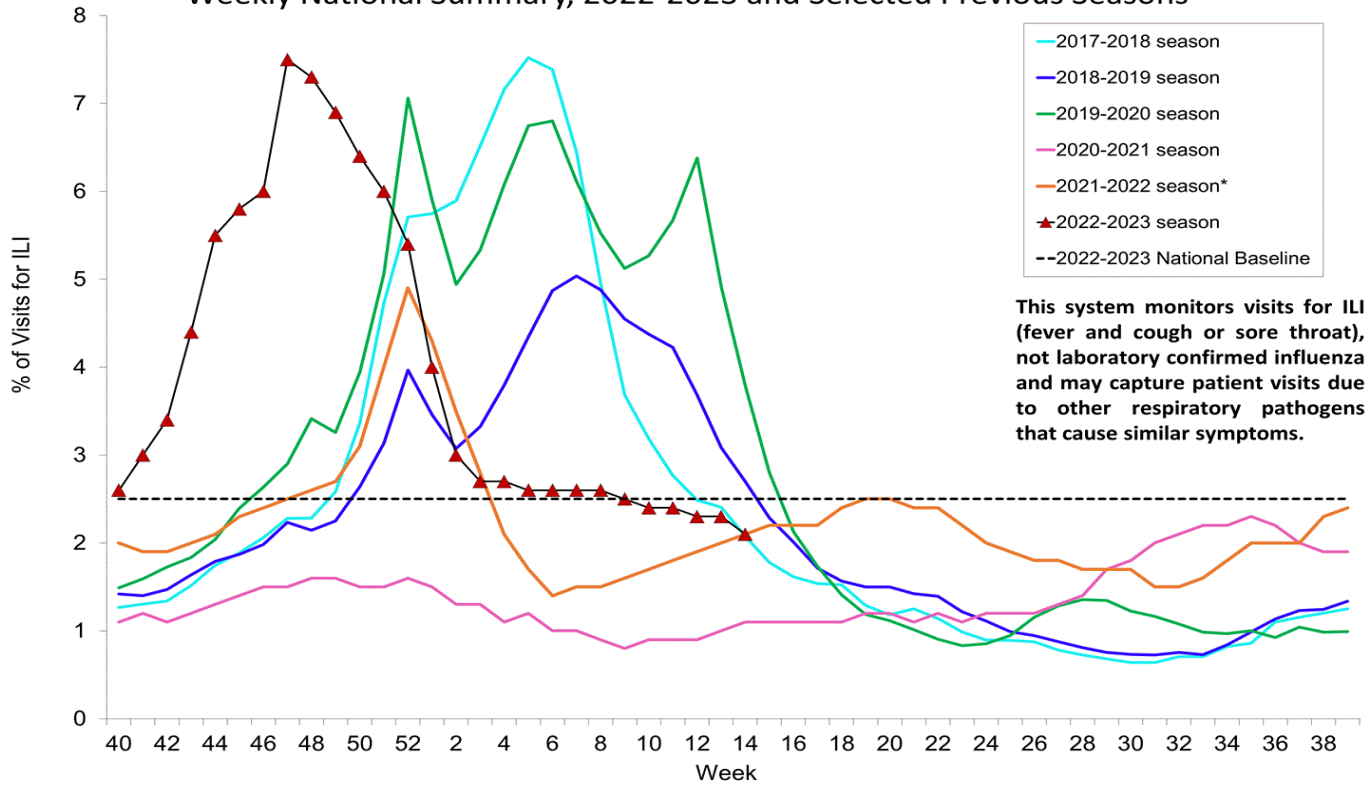
\*2017–2018 influenza season - 2019–2020 influenza season. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

**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 8, 2023

