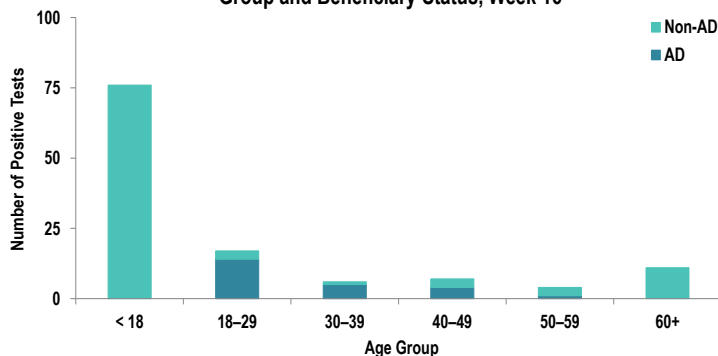


### SUMMARY

Influenza A activity is stable in the Army population. Nineteen positive influenza A and twenty-five influenza B specimens were reported during surveillance Week 16. Three influenza-associated hospitalizations were reported during week 16; the season total thus far is 159 hospitalizations compared to an average of 199 influenza-associated hospitalizations during the same time period during 2017 – 2020. Nationwide, influenza activity remains stable, with 0.8% 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 16



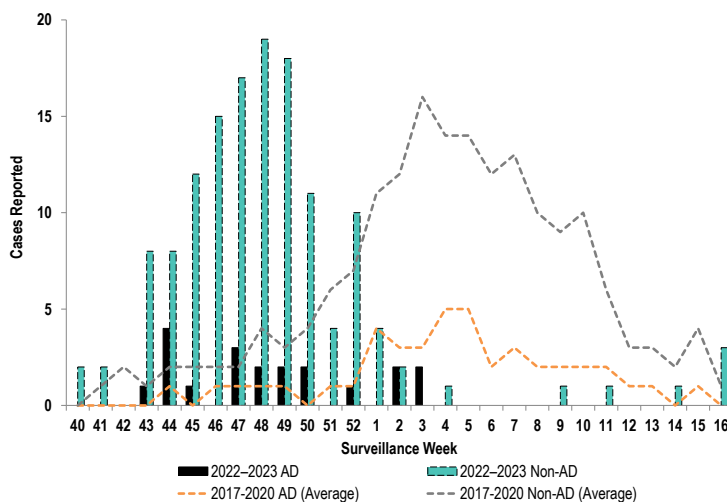
**AD:** Twenty-four positive respiratory specimens were collected from active duty (AD) Servicemembers (SMs) during Week 16; 58.3% (n=14) of the positive specimens were collected from SMs 18 – 29 years of age.

**Non-AD:** Ninety-seven respiratory specimens were collected from non-AD individuals during Week 16; 78.4% (n=76) 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



Three influenza-associated hospitalizations among non-AD individuals with an onset date in Week 16 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 159 hospitalizations. The Week 16 average during the 2017–2020 seasons was 1 hospitalization (with an average of 199 hospitalizations reported from the start of the season through Week 16).

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

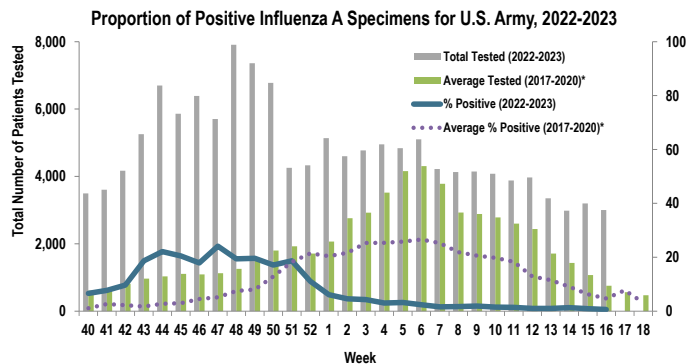
Data are preliminary and subject to change.

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.

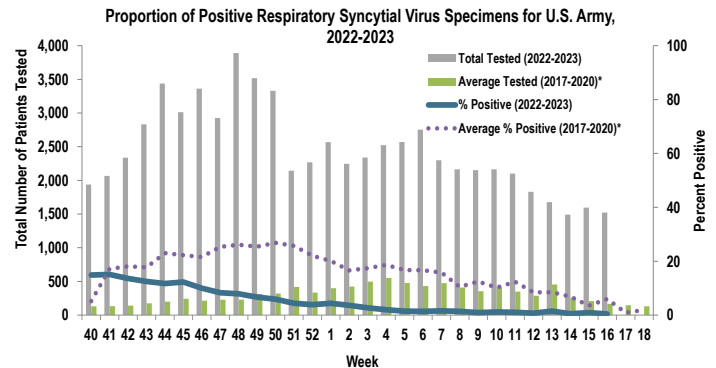
Questions?  
[Email APHC DEP](mailto:Email APHC DEP)

## INFLUENZA A ACTIVITY - ARMY

## RSV ACTIVITY - ARMY



Of the 3,001 specimens tested for influenza A during Week 16, 0.6% (n=19) were positive. This is a slight decrease from Week 15 (0.9%).



Of the 1,522 specimens tested for RSV during Week 16, 0.4% (n=6) were positive. This is a slight decrease from Week 15 (0.9%).

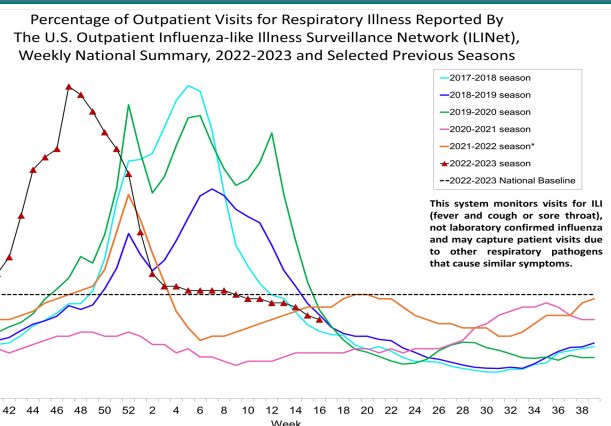
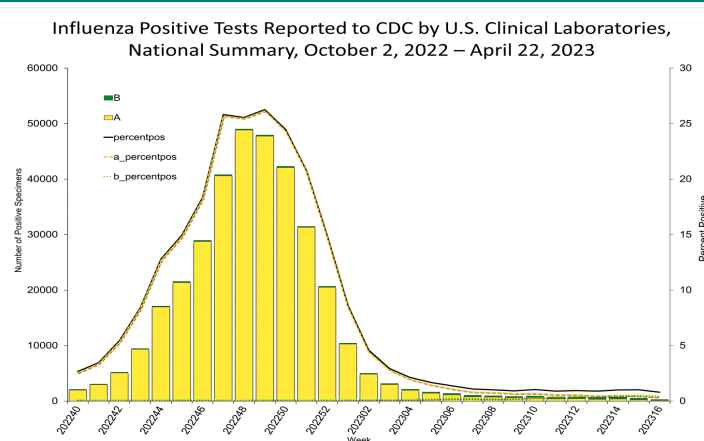
Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 13	Week 14	Week 15	Week 16	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	28	25	21	25	637
	Enterovirus	32	27	29	24	751
	Influenza A	32	38	30	19	14,144
	Influenza B	18	26	26	25	900
	Parainfluenza	21	19	21	22	677
	RSV	26	8	14	6	4,130
	Negative	3,274	2,918	3,146	2,966	119,125
	<b>Total</b>	<b>3,431</b>	<b>3,061</b>	<b>3,287</b>	<b>3,087</b>	<b>140,364</b>

Of the 3,087 specimens tested during Week 16, 3.9% (n=121) were positive for any type of respiratory illness. Adenovirus and influenza B each accounted for 20.7% (n=25) of the positive results, enterovirus accounted for 19.8% (n=24), parainfluenza accounted for 18.2% (n=22), influenza A accounted for 15.7% (n=19), and RSV accounted for 5.0% (n=6). Additionally, the reported number of specimens tested decreased by 6.1% from Week 15 to Week 16.

Significantly more tests for influenza have been conducted this season compared to past seasons; 138,146 specimens have been tested for influenza A so far this season compared to the average of 57,790 specimens during the same time period in 2017-2020.

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

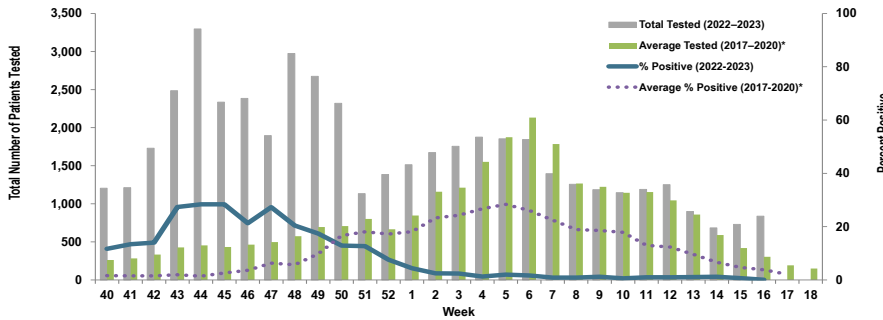


Nationwide in Week 16, incident ILI activity was 1.9%; this is below the national baseline of 2.5%. Additionally, a total of 35,045 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 283 (0.8%) were positive. Influenza A accounted for 43.8% (n=124) of the total positive specimens.

**Locations providing Week 16 laboratory data as of 26 April 2023:** Ft. Belvoir, Ft. Benning, Ft. Bliss, Ft. Bragg, Ft. Campbell, Camp Zama, Ft. Carson, Ft. Drum, Ft. Eustis, Ft. Gordon, Ft. Gregg-Adams (formerly Ft. Lee), Ft. Hood, Ft. Huachuca, Ft. Irwin, Ft. Jackson, Ft. Knox, Ft. Leavenworth, Ft. Leonard Wood, Ft. Lewis, Ft. Novosel (formerly Ft. Rucker), Ft. Polk, Ft. Riley, 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.

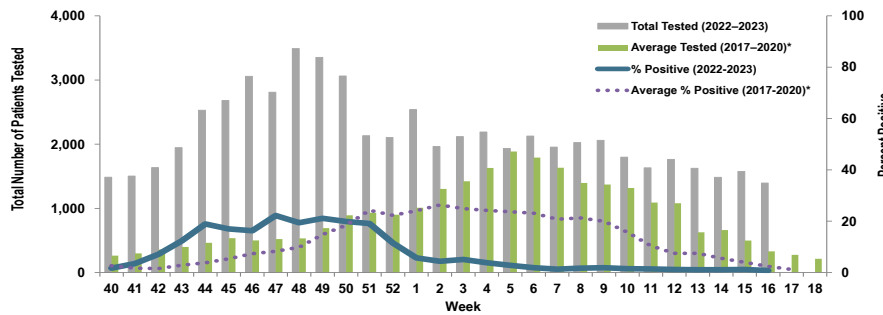
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2022–2023 as Compared to 2017–2020\*

Medical Readiness Command - Atlantic (MRC-A)



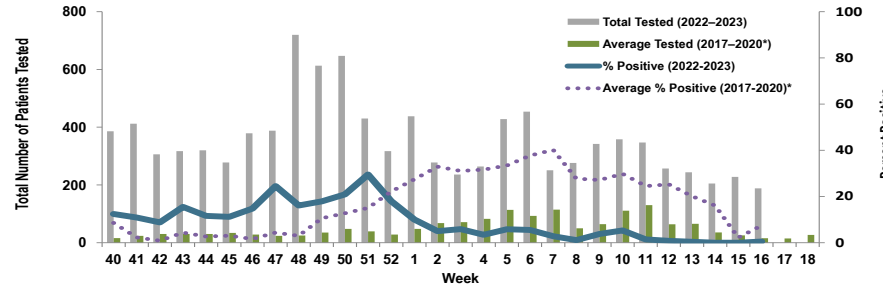
Week 16			
Age Group	AD	Non-AD	Season Total
< 18	0	0	2,940
18–29	0	0	1,245
30–39	0	0	739
40–49	1	0	362
50–59	0	0	241
60+	0	0	254
<b>Total</b>	<b>1</b>	<b>0</b>	<b>5,781</b>

Medical Readiness Command - Central (MRC-C)



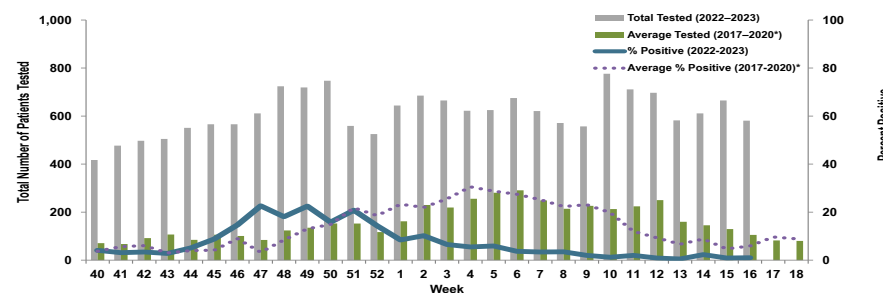
Week 16			
Age Group	AD	Non-AD	Season Total
< 18	0	3	2,829
18–29	2	0	1,367
30–39	2	1	737
40–49	0	1	365
50–59	0	1	219
60+	0	1	365
<b>Total</b>	<b>4</b>	<b>7</b>	<b>5,882</b>

Medical Readiness Command - Europe (MRC-E)



Week 16			
Age Group	AD	Non-AD	Season Total
< 18	0	1	614
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>1,115</b>

Medical Readiness Command - Pacific (MRC-P)



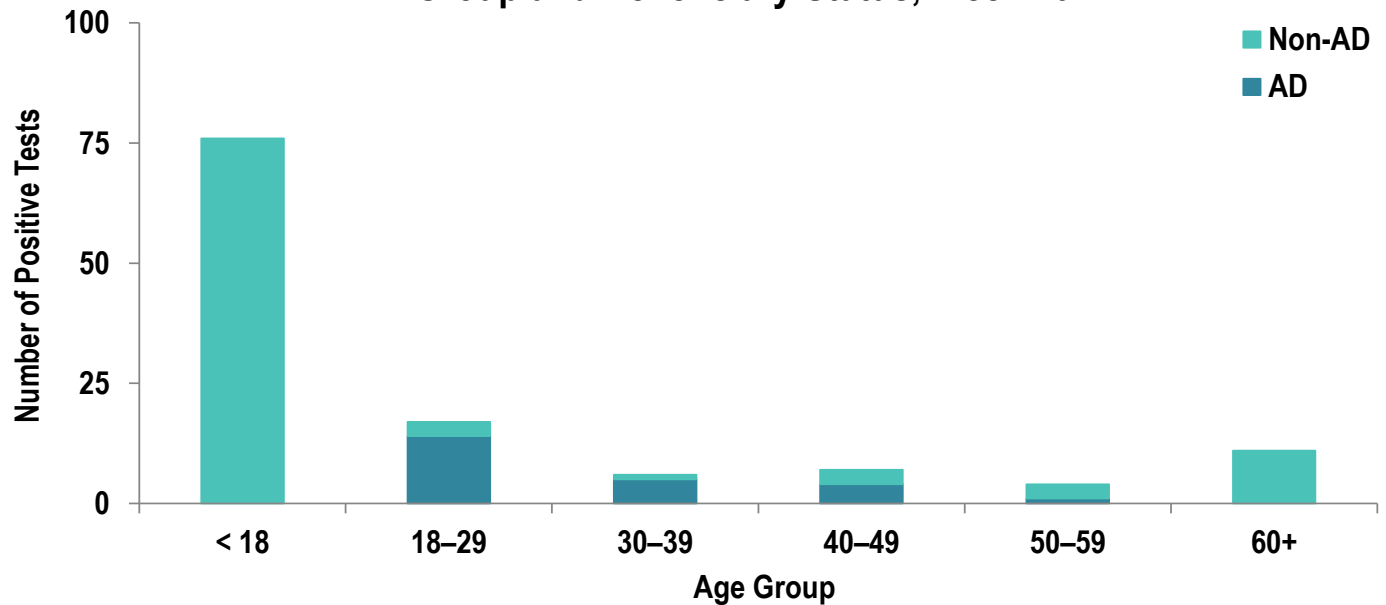
Week 16			
Age Group	AD	Non-AD	Season Total
< 18	0	5	534
18–29	0	0	348
30–39	0	0	224
40–49	0	0	91
50–59	0	0	43
60+	0	1	95
<b>Total</b>	<b>0</b>	<b>6</b>	<b>1,335</b>

\*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.

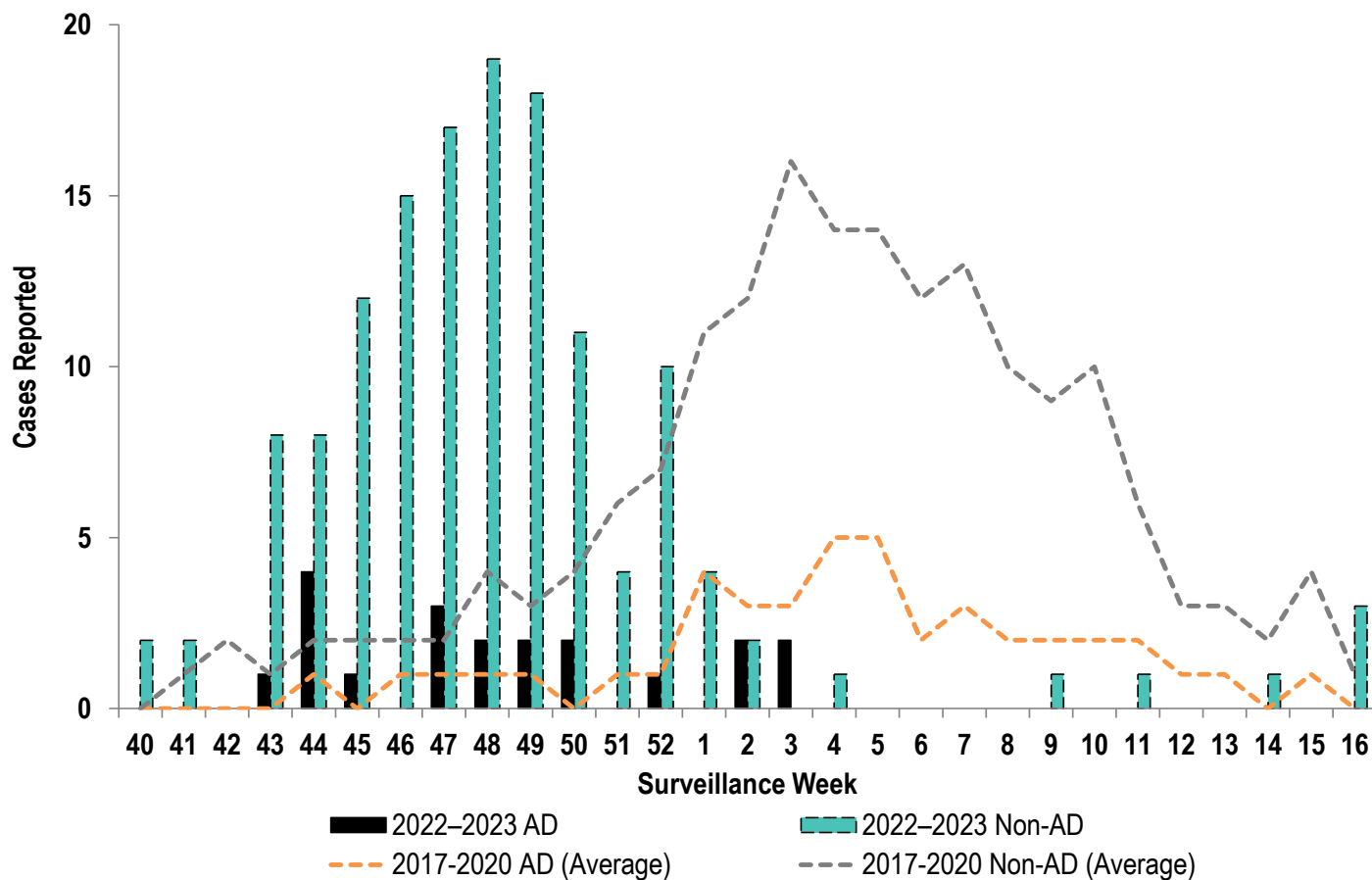
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 13		Week 14		Week 15		Week 16	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-A	1	9	1	7	1	4	1	0
MRC-C	13	5	7	9	4	15	4	7
MRC-E	0	1	0	0	0	0	0	1
MRC-P	0	3	9	5	3	3	0	6

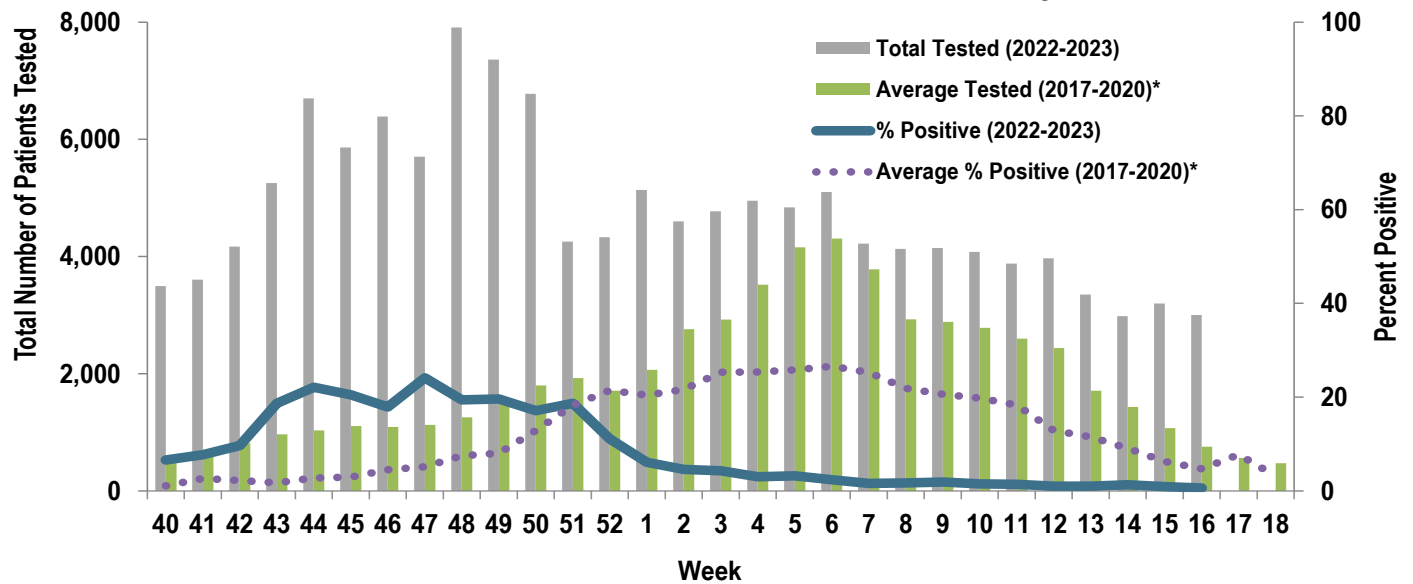
### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 16



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

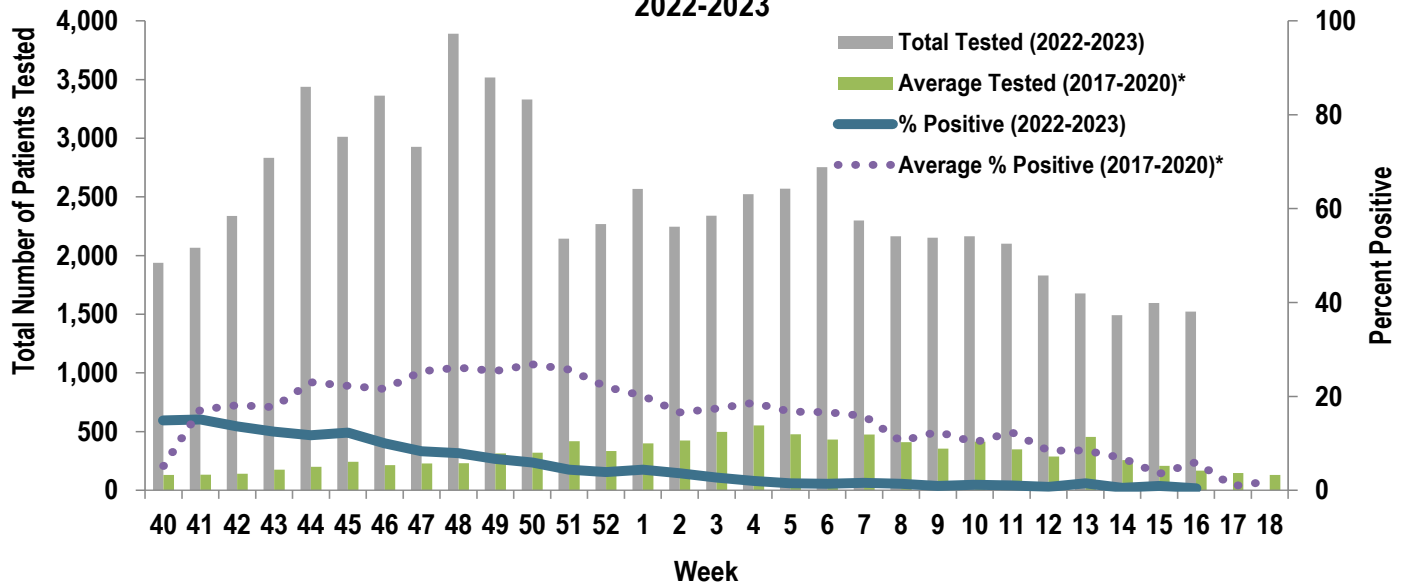


### Proportion of Positive Influenza A Specimens for U.S. Army, 2022-2023



\*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.

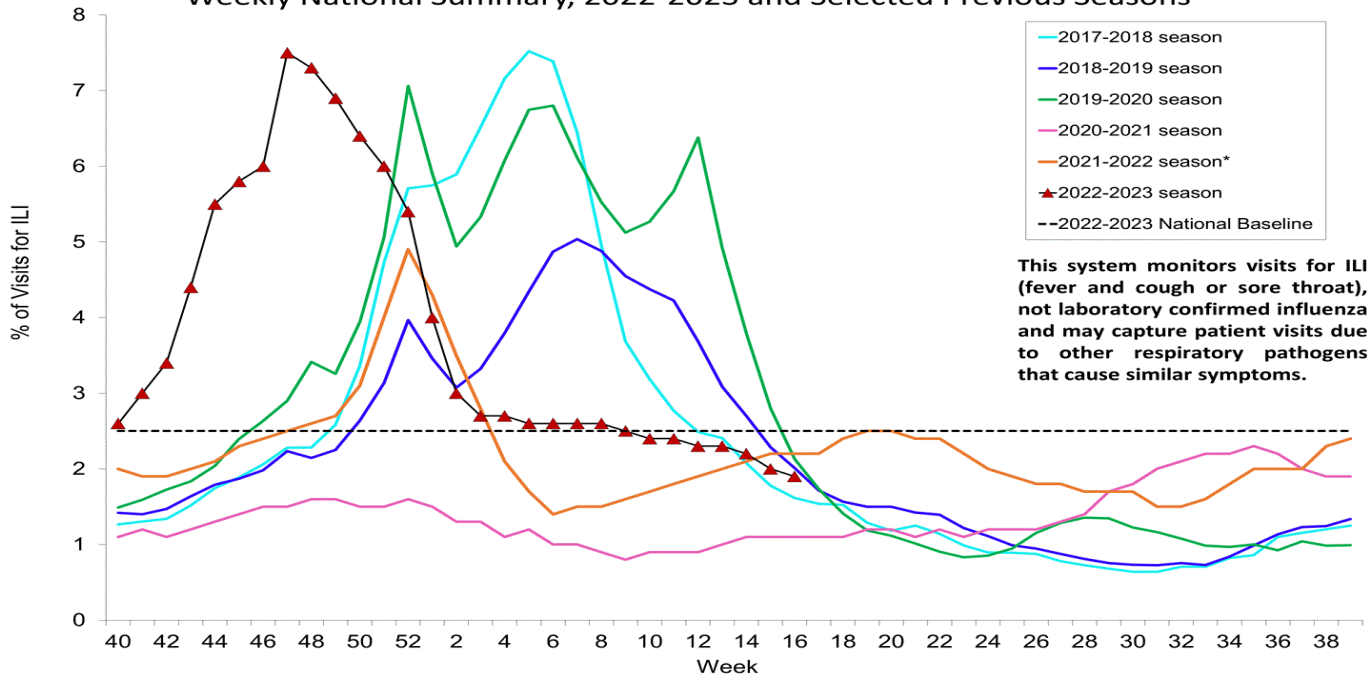
**Proportion of Positive Respiratory Syncytial Virus Specimens for U.S. Army, 2022-2023**



\*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 22, 2023

