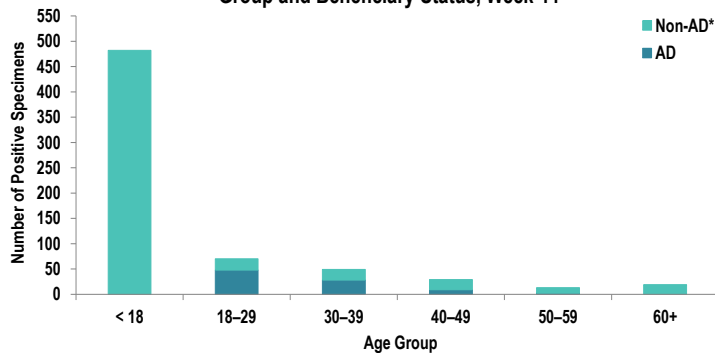


### SUMMARY

Influenza A activity slightly decreased during week 44 in the Army population. One hundred and thirty-four positive influenza A and fifty-nine influenza B specimens were reported during surveillance week 44. Respiratory syncytial virus (RSV) activity continues to increase in the Army population — 13.6% of specimens tested positive for RSV during surveillance week 44. No influenza-associated hospitalizations were reported during week 44. Nationwide, influenza activity is increasing, with 3.0% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). There is still time to receive the annual flu vaccine and be protected against the flu. Vaccines are available at medical treatment facilities for military members and beneficiaries, and at some local pharmacies and grocery stores.

### DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 44



**AD:** Eighty-seven positive respiratory specimens were collected from active duty (AD) service members (SMs) during week 44; 55.2% (n=48) of the positive specimens were collected from SMs 18 – 29 years of age.

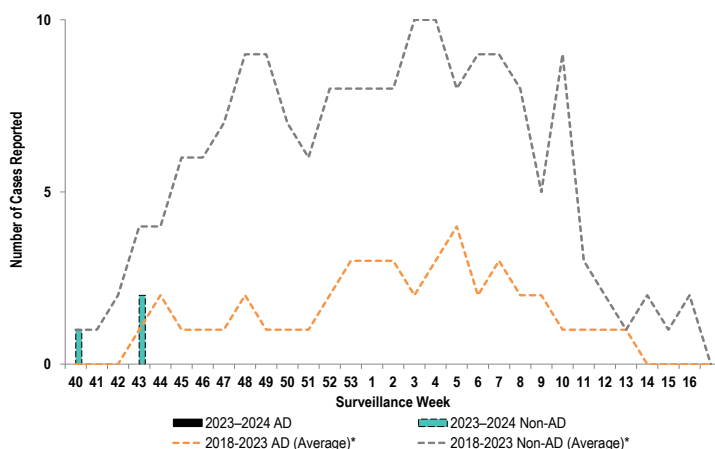
**Non-AD:** Five hundred and seventy-five positive respiratory specimens were collected from non-AD individuals during week 44; 83.8% (n=482) of the positive specimens were collected from individuals under 18 years of age.

\*Non-AD=All individuals that are not active duty service members.

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 44 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 3 hospitalizations. The week 44 average during the 2018 – 2023 seasons was 3 hospitalizations (with an average of 12 hospitalizations reported from the start of the season through week 44).

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

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

Data are preliminary and subject to change.

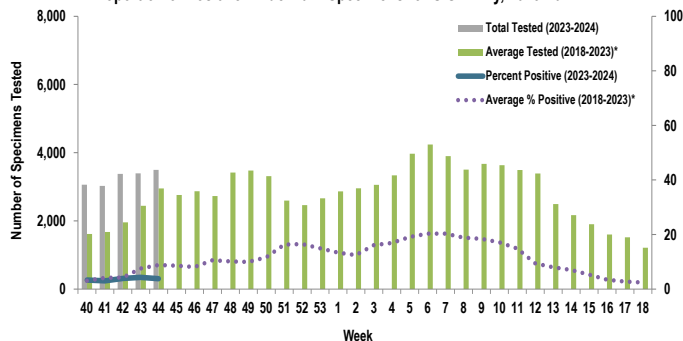
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Questions?  
Email [DCPH-A DEP](mailto:DCPH-A@DEP)

## INFLUENZA A ACTIVITY - ARMY

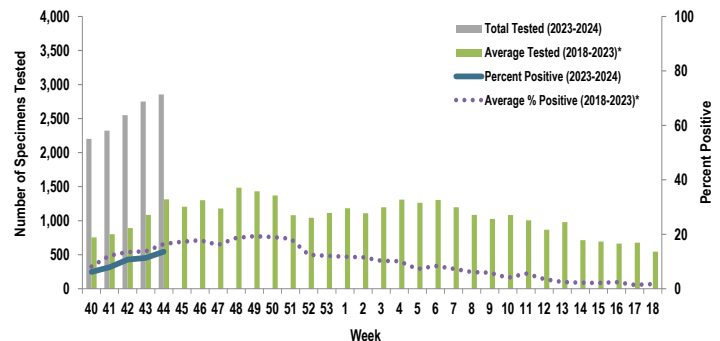
## RSV ACTIVITY - ARMY

Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



Of the 3,494 specimens tested for influenza A during week 44, 3.8% (n=134) were positive. This is a decrease from week 43 (4.3%).

Proportion of Positive RSV Specimens for U.S. Army, 2023-2024



Of the 2,855 specimens tested for RSV during week 44, 13.6% (n=388) were positive. This is an increase from week 43 (11.3%).

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

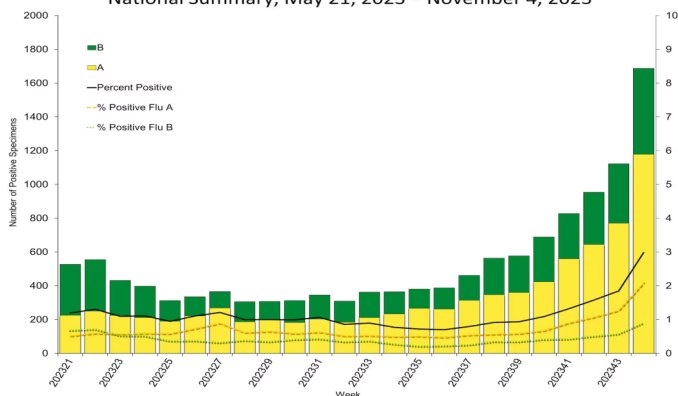
		Week 41	Week 42	Week 43	Week 44	Season Total
Army MTF Laboratory Results, 2023-24	Adenovirus	12	14	13	19	66
	Enterovirus	42	44	47	54	242
	Influenza A	92	132	147	134	605
	Influenza B	29	44	40	59	203
	Parainfluenza	9	10	16	8	54
	RSV	184	273	310	388	1,292
	Negative	2,675	2,896	2,869	2,874	14,054
	<b>Total</b>	<b>3,043</b>	<b>3,413</b>	<b>3,442</b>	<b>3,536</b>	<b>16,516</b>

Of the 3,536 specimens tested during week 44, 18.7% (n=662) were positive for any type of respiratory illness. RSV accounted for 58.6% (n=388) of the positive results, influenza A accounted for 20.2% (n=134), influenza B accounted for 8.9% (n=59), enterovirus accounted for 8.2% (n=54), adenovirus accounted for 2.9% (n=19), and parainfluenza accounted for 1.2% (n=8). Additionally, the reported number of specimens tested increased by 2.7% from week 43 to week 44.

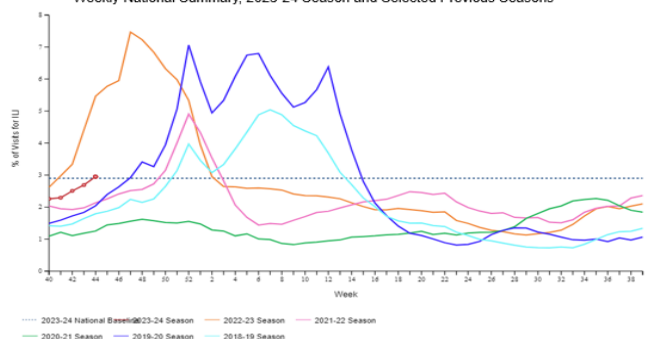
Significantly more tests for influenza have been conducted this season compared to past seasons; 16,352 specimens have been tested for influenza A so far this season compared to the average of 10,642 specimens during the same time period in 2018-2023\*.

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

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, May 21, 2023 – November 4, 2023



Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season and Selected Previous Seasons

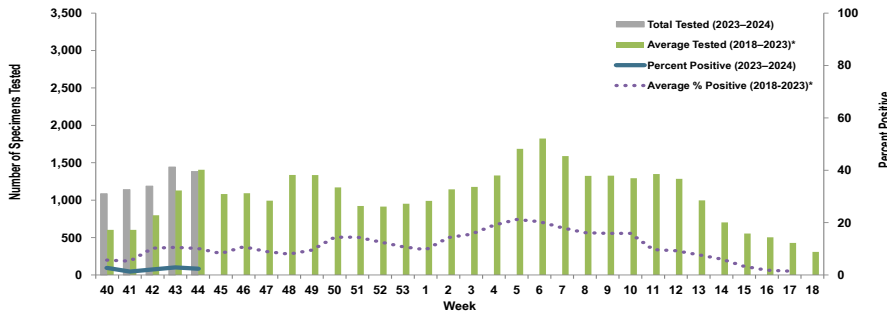


Nationwide in week 44, incident ILI activity was 2.9%; this is at the national baseline of 2.9%. Additionally, a total of 56,471 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 1,687 (3.0%) were positive. Influenza A accounted for 69.8% (n=1,178) of the total positive specimens.

**Locations providing Week 44 laboratory data as of 09 November 2023:** Ft. Belvoir, Ft. Bliss, Ft. Campbell, Ft. Cavazos (formerly Ft. Hood), Ft. Carson, Ft. Drum, Ft. Eisenhower, Ft. Eustis, Ft. Gregg-Adams (formerly Ft. Lee), Ft. Huachuca, Ft. Jackson, Ft. Johnson, Korea, Ft. Leavenworth, Ft. Liberty, Ft. Meade, Ft. Novosel (formerly Ft. Rucker), Ft. Riley, Ft. Sam Houston, Ft. Sill, Ft. Stewart, Ft. Wainwright, Landstuhl Regional Medical Center, Tripler Army Medical Center, the U.S. Military Academy, and Walter Reed.

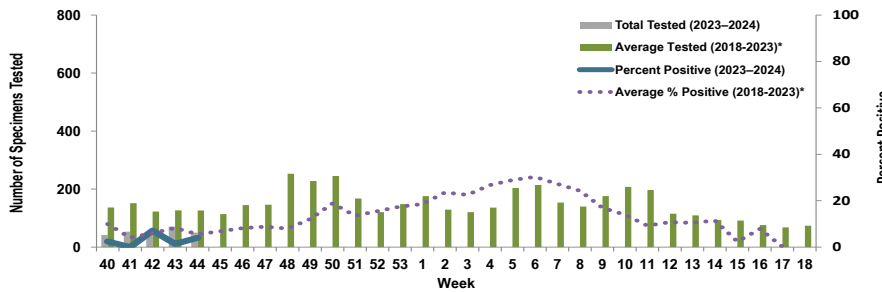
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023\*

Medical Readiness Command - East



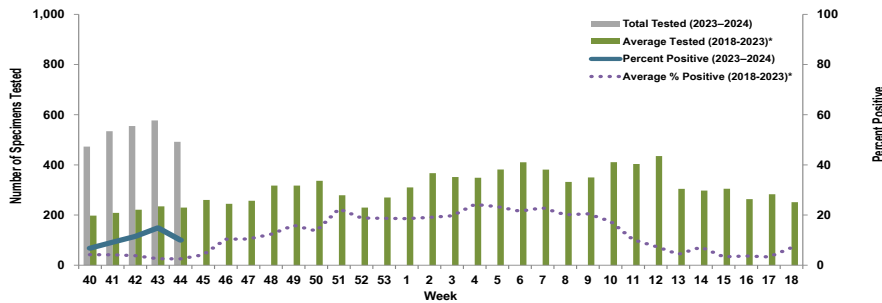
Week 44			
Age Group	AD	Non-AD	Season Total
< 18	0	18	47
18–29	6	0	53
30–39	0	2	23
40–49	2	3	12
50–59	1	0	2
60+	0	1	7
<b>Total</b>	<b>9</b>	<b>24</b>	<b>144</b>

Medical Readiness Command - Europe



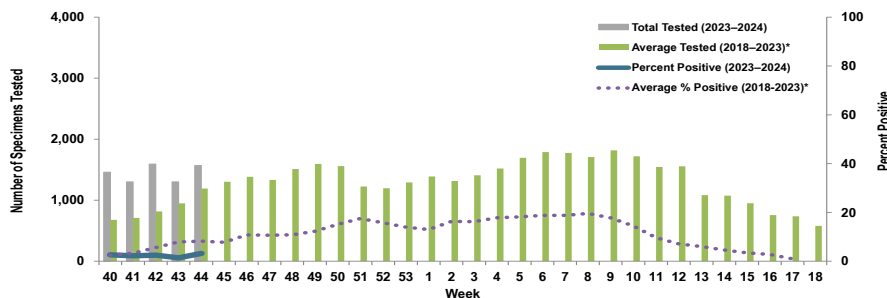
Week 44			
Age Group	AD	Non-AD	Season Total
< 18	0	0	0
18–29	1	0	2
30–39	0	1	3
40–49	0	0	2
50–59	0	0	0
60+	0	0	0
<b>Total</b>	<b>1</b>	<b>1</b>	<b>7</b>

Medical Readiness Command - Pacific



Week 44			
Age Group	AD	Non-AD	Season Total
< 18	0	24	105
18–29	5	5	108
30–39	3	6	36
40–49	1	1	14
50–59	0	3	6
60+	0	1	11
<b>Total</b>	<b>9</b>	<b>40</b>	<b>280</b>

Medical Readiness Command - West



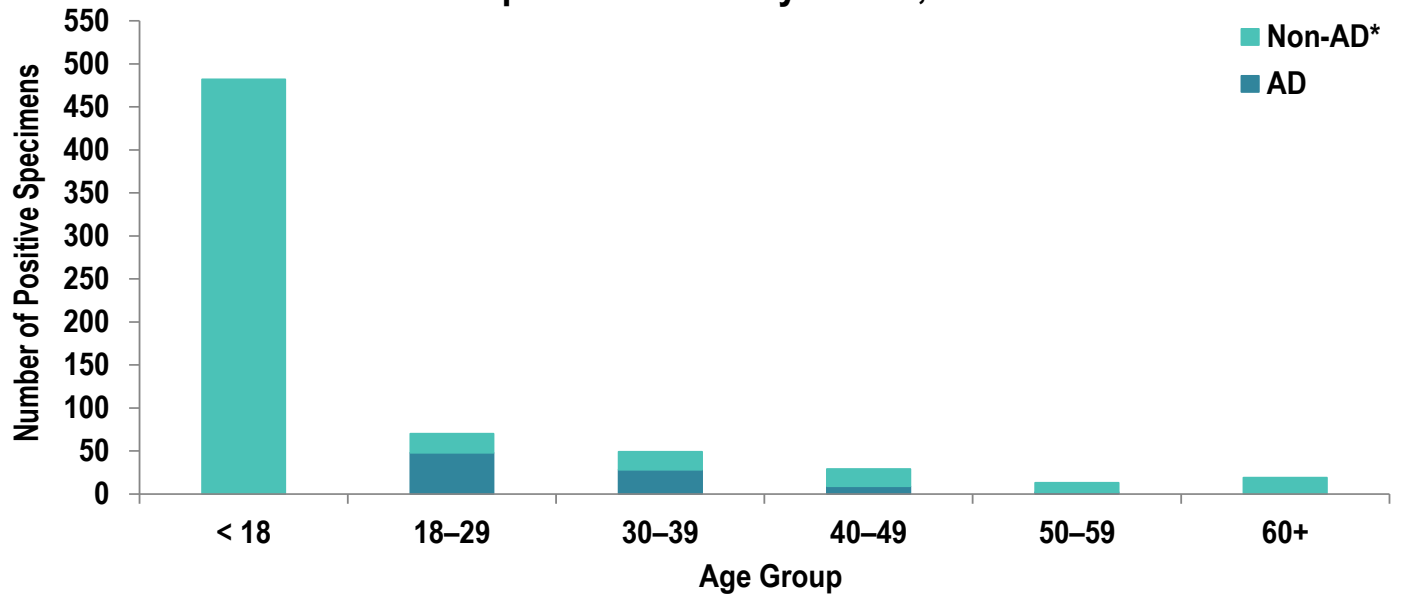
Week 44			
Age Group	AD	Non-AD	Season Total
< 18	0	27	51
18–29	5	2	57
30–39	6	2	27
40–49	3	1	15
50–59	0	1	14
60+	0	3	10
<b>Total</b>	<b>14</b>	<b>36</b>	<b>174</b>

\*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

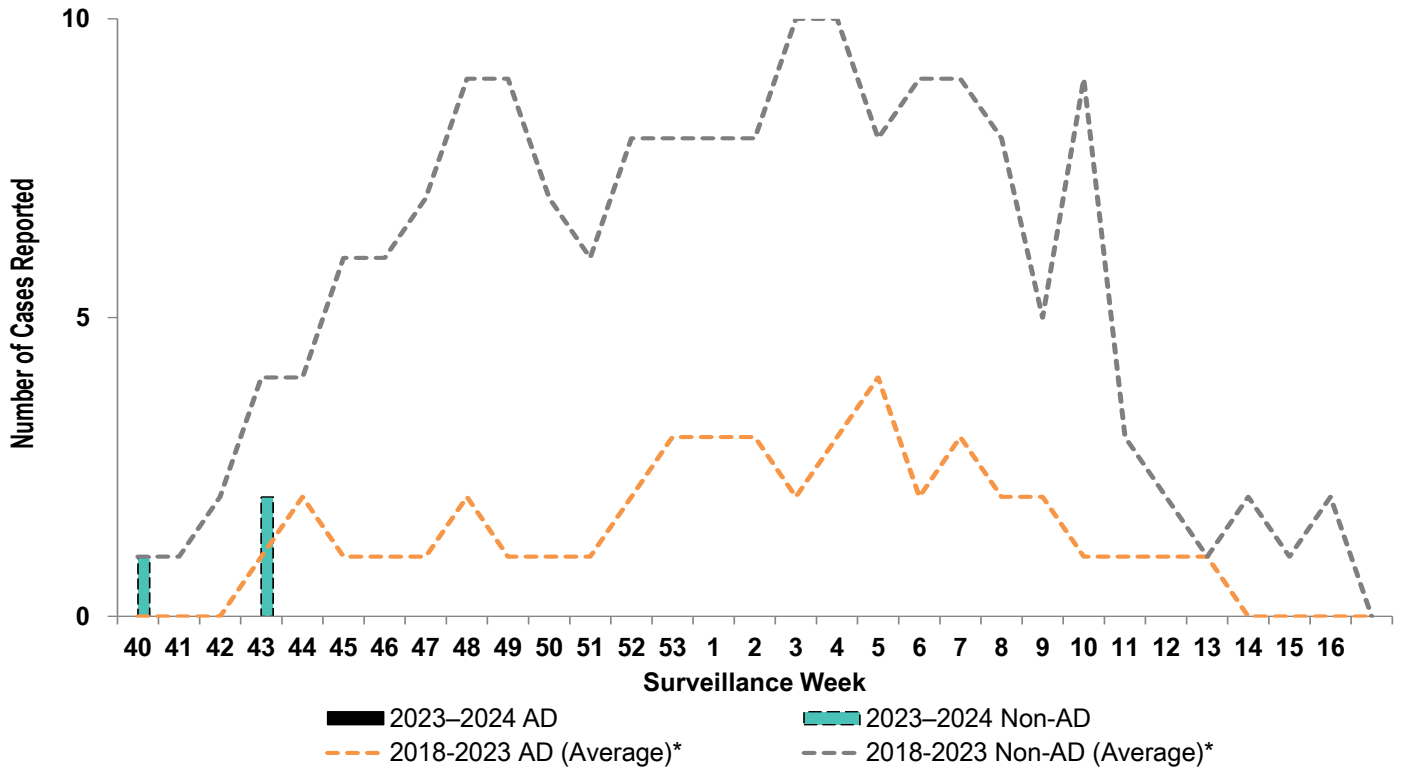
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 41		Week 42		Week 43		Week 44	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	4	11	11	14	15	27	9	24
MRC-Europe	0	0	2	1	1	0	1	1
MRC-Pacific	32	17	27	37	23	63	9	40
MRC-West	11	17	13	27	7	11	14	36

### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 44

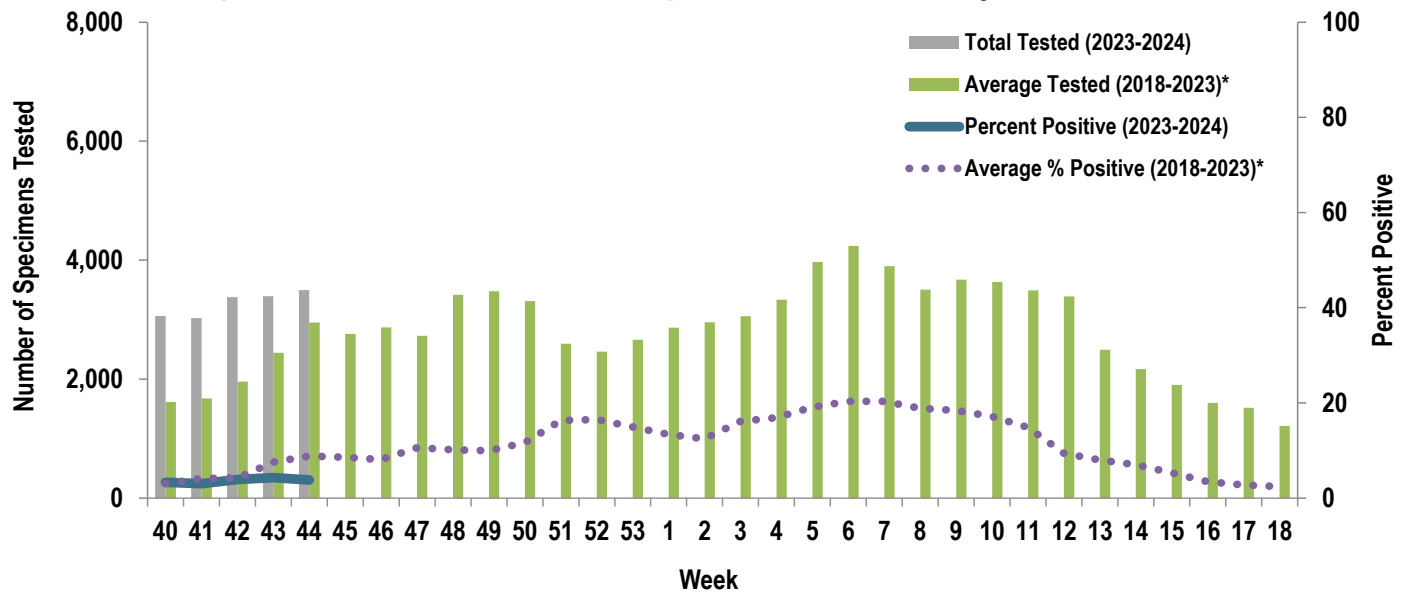


### Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



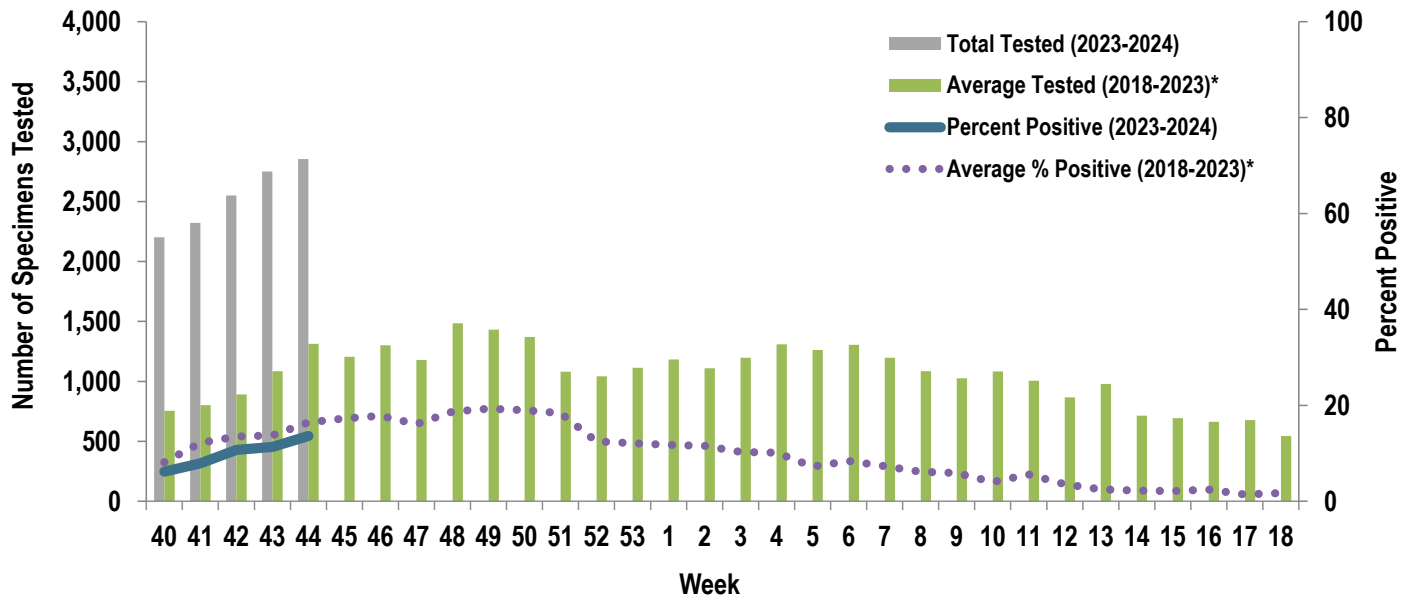
\*2018-2019, 2019-2020, and 2022-2023 influenza seasons. Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

### Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



\*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

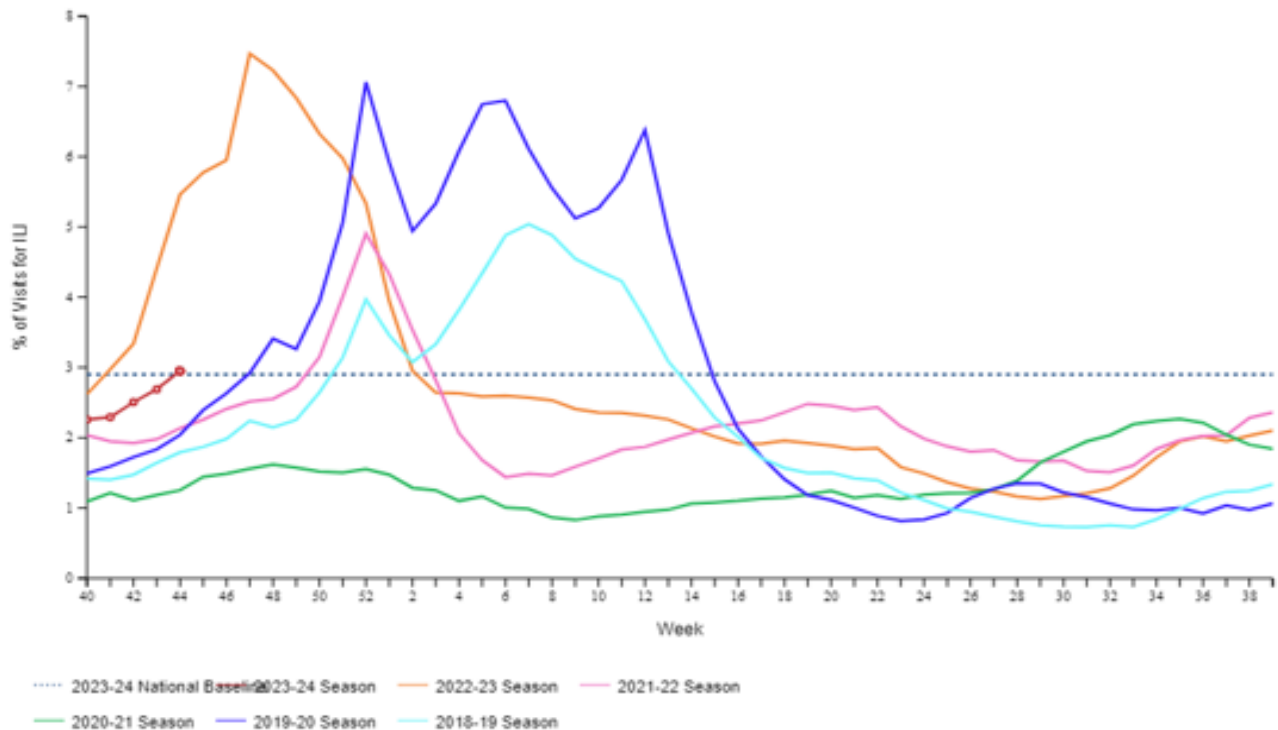
### Proportion of Positive RSV Specimens for U.S. Army, 2023-2024



\*2018-2019, 2019-2020, and 2022-2023 influenza seasons. 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, 2023-24 Season and Selected Previous Seasons





### Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, May 21, 2023 – November 4, 2023

