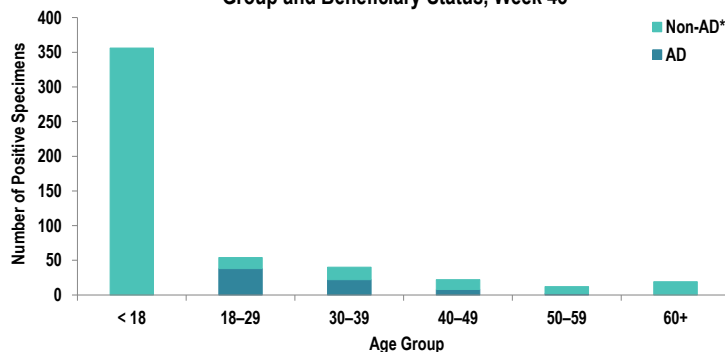


## SUMMARY

Although low, influenza A activity is on an upward trend in the Army population. One hundred and thirty-five positive influenza A and twenty-six influenza B specimens were reported during surveillance week 43, and two influenza-associated hospitalizations were reported during week 43. Respiratory syncytial virus (RSV) activity is also steadily increasing in the Army population — 10% of specimens tested positive for RSV during surveillance week 43. Nationwide, influenza activity is low but continues to slightly increase, with 1.9% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). To help reduce the spread and burden of respiratory illness, vaccinate yourself against influenza and engage in proper hygiene practices, such as washing hands frequently, wearing face masks, and avoiding others while sick.

## DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 43



**AD:** Seventy positive respiratory specimens were collected from active duty (AD) service members (SMs) during week 43; 54.3% (n=38) of the positive specimens were collected from SMs 18 – 29 years of age.

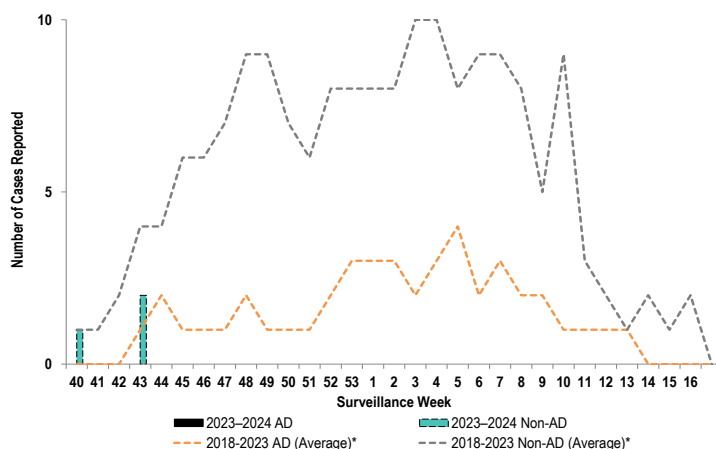
**Non-AD:** Four hundred and thirty-three positive respiratory specimens were collected from non-AD individuals during week 43; 82.2% (n=356) of the positive specimens were collected from individuals under 18 years of age.

\*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



Two influenza-associated hospitalizations with an onset date in week 43 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 3 hospitalizations. The week 43 average during the 2018 – 2023 seasons was 4 hospitalizations (with an average of 7 hospitalizations reported from the start of the season through week 43).

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.

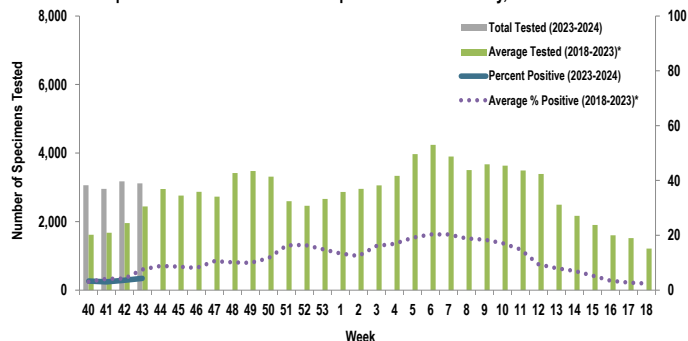
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Questions?  
Email [DCPH-A DEP](mailto:DCPH-A@DEP)

## INFLUENZA A ACTIVITY - ARMY

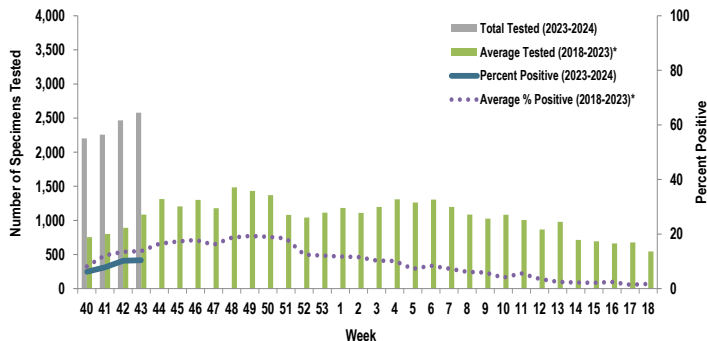
## RSV ACTIVITY - ARMY

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



Of the 3,116 specimens tested for influenza A during week 43, 4.3% (n=135) were positive. This is an increase from week 42 (3.6%).

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



Of the 2,579 specimens tested for RSV during week 43, 10.4% (n=267) were positive.

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

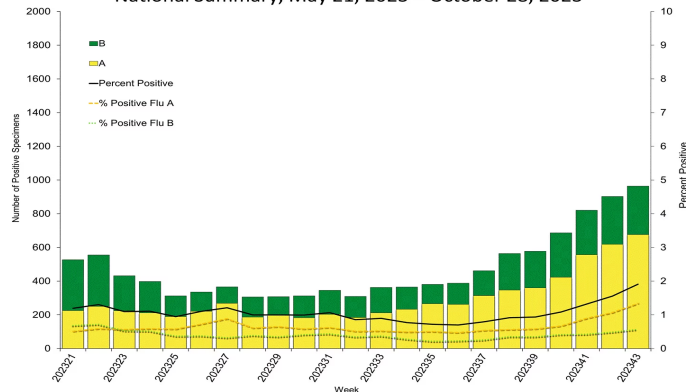
		Week 15	Week 16	Week 17	Week 18	Season Total
Army MTF Laboratory Results, 2022-23	Adenovirus	21	25	44	22	703
	Enterovirus	29	24	30	10	791
	Influenza A	30	19	28	27	14,199
	Influenza B	26	29	19	22	945
	Parainfluenza	21	22	22	24	723
	RSV	14	6	25	18	4,173
	Negative	3,153	3,044	2,831	2,632	124,677
	<b>Total</b>	<b>3,294</b>	<b>3,169</b>	<b>2,999</b>	<b>2,755</b>	<b>146,211</b>

Of the 3,163 specimens tested during week 43, 15.9% (n=503) were positive for any type of respiratory illness. RSV accounted for 53.1% (n=267) of the positive results, influenza A accounted for 26.8% (n=135), enterovirus accounted for 9.3% (n=47), influenza B accounted for 5.2% (n=26), parainfluenza accounted for 3.2% (n=16), and adenovirus accounted for 2.4% (n=12). Additionally, the reported number of specimens tested decreased by 1.4% from week 42 to week 43.

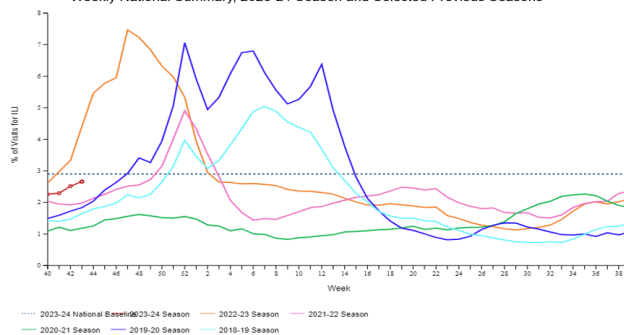
Significantly more tests for influenza have been conducted this season compared to past seasons; 12,306 specimens have been tested for influenza A so far this season compared to the average of 7,689 specimens during the same time period in 2018-2023\*.

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

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, May 21, 2023 – October 28, 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

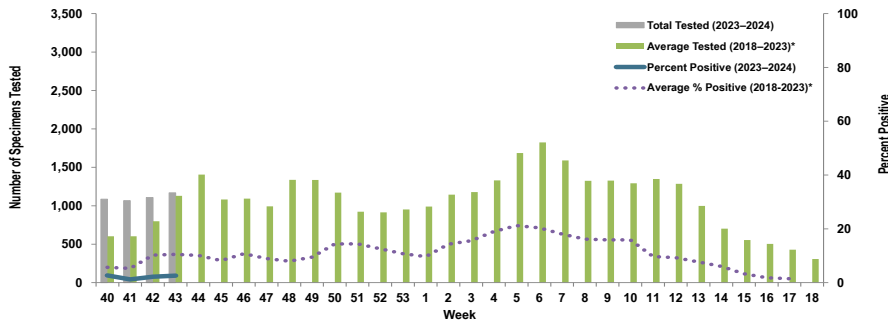


Nationwide in week 43, incident ILI activity was 2.7%; this is below the national baseline of 2.9%. Additionally, a total of 50,459 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 964 (1.9%) were positive. Influenza A accounted for 70.1% (n=676) of the total positive specimens.

**Locations providing Week 43 laboratory data as of 01 November 2023:** Ft. Belvoir, Ft. Bliss, Camp Zama, Ft. Cavazos, Ft. Carson, Ft. Drum, Ft. Eisenhower, Ft. Eustis, Ft. Gregg-Adams, Ft. Huachuca, Ft. Irwin, Ft. Jackson, Ft. Johnson, Ft. Knox, Ft. Leavenworth, Ft. Lewis, Ft. Liberty, Ft. Meade, Ft. Novosel, Ft. Riley, Ft. Sam Houston, Ft. Sill, Ft. Wainwright, Korea, Landstuhl Regional Medical Center, Redstone Arsenal, Tripler Army Medical Center, the U.S. Military Academy at West Point, and the Walter Reed National Military Medical Center.

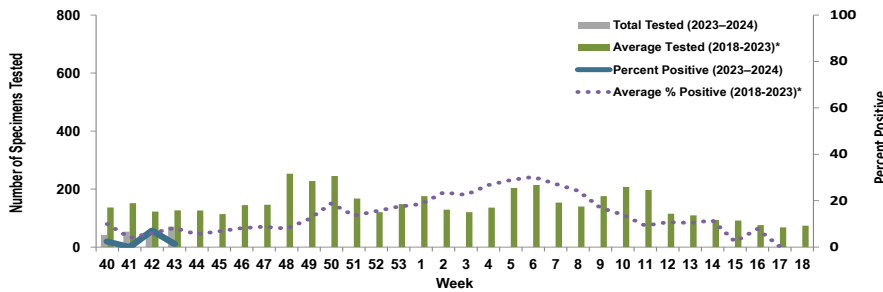
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023\*

Medical Readiness Command - East



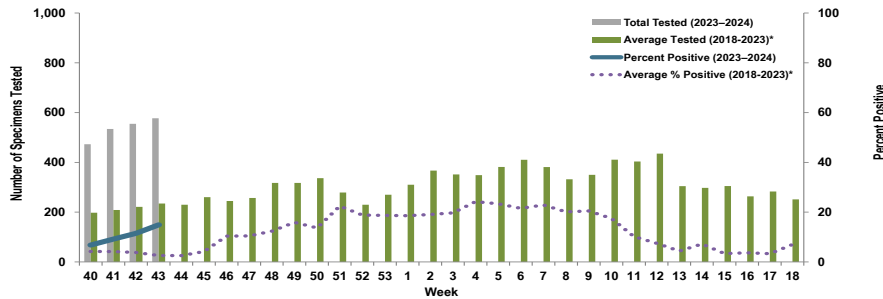
Week 43			
Age Group	AD	Non-AD	Season Total
< 18	0	11	22
18–29	4	1	44
30–39	5	4	17
40–49	2	1	7
50–59	1	0	1
60+	0	1	5
<b>Total</b>	<b>12</b>	<b>18</b>	<b>96</b>

Medical Readiness Command - Europe



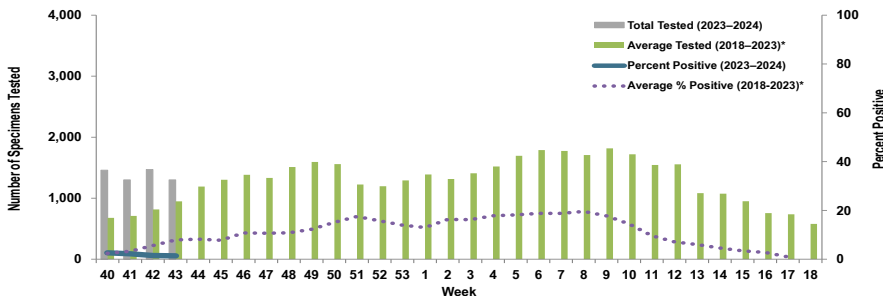
Week 43			
Age Group	AD	Non-AD	Season Total
< 18	0	0	0
18–29	0	0	1
30–39	1	0	2
40–49	0	0	2
50–59	0	0	0
60+	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>5</b>

Medical Readiness Command - Pacific



Week 43			
Age Group	AD	Non-AD	Season Total
< 18	0	46	81
18–29	15	4	98
30–39	8	3	27
40–49	0	3	12
50–59	0	2	3
60+	0	5	10
<b>Total</b>	<b>23</b>	<b>63</b>	<b>231</b>

Medical Readiness Command - West



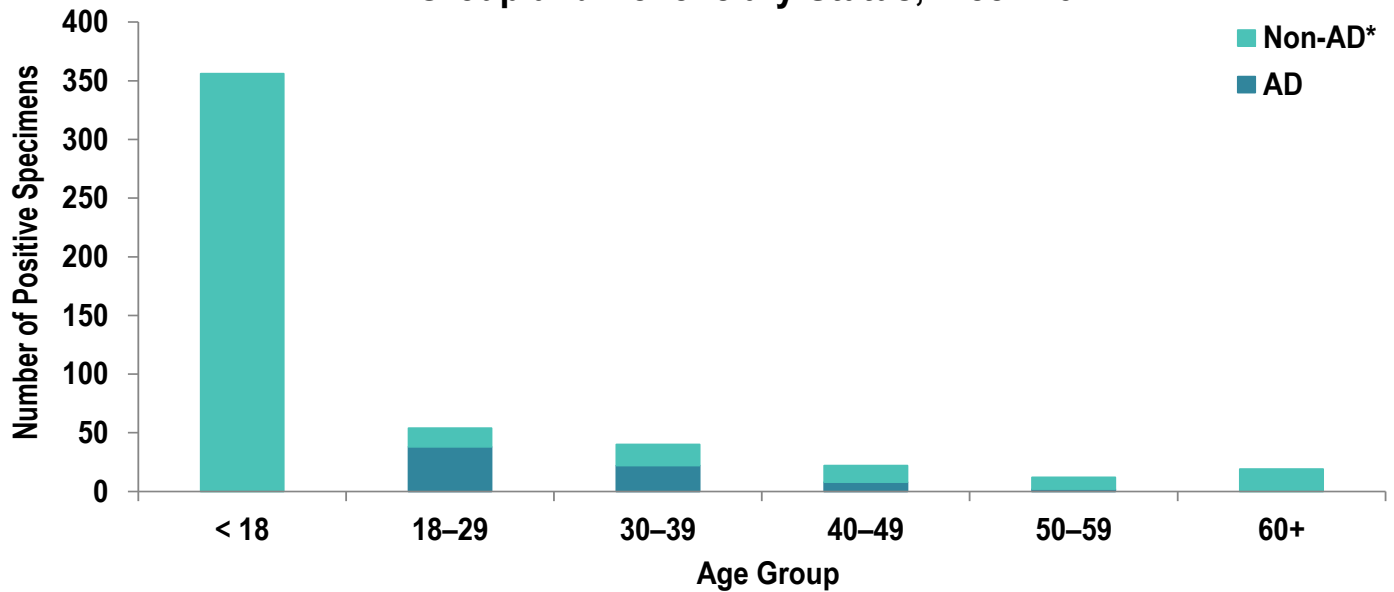
Week 43			
Age Group	AD	Non-AD	Season Total
< 18	0	7	23
18–29	4	0	37
30–39	0	1	15
40–49	2	2	11
50–59	1	1	13
60+	0	0	7
<b>Total</b>	<b>7</b>	<b>11</b>	<b>106</b>

\*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.

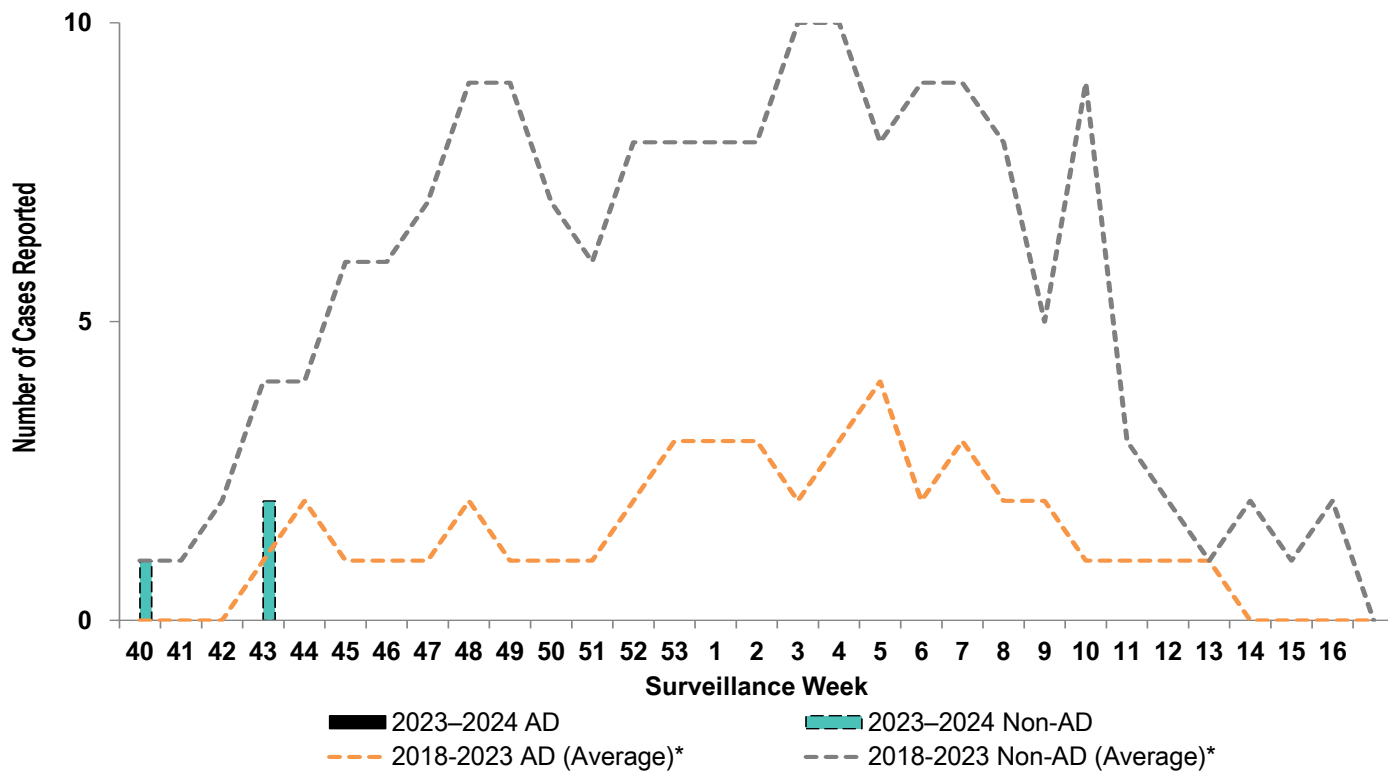
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 40		Week 41		Week 42		Week 43	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	20	9	3	10	11	13	12	18
MRC-Europe	0	1	0	0	2	1	1	0
MRC-Pacific	21	11	32	17	27	37	23	63
MRC-West	14	24	11	17	5	17	7	11

### Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 43

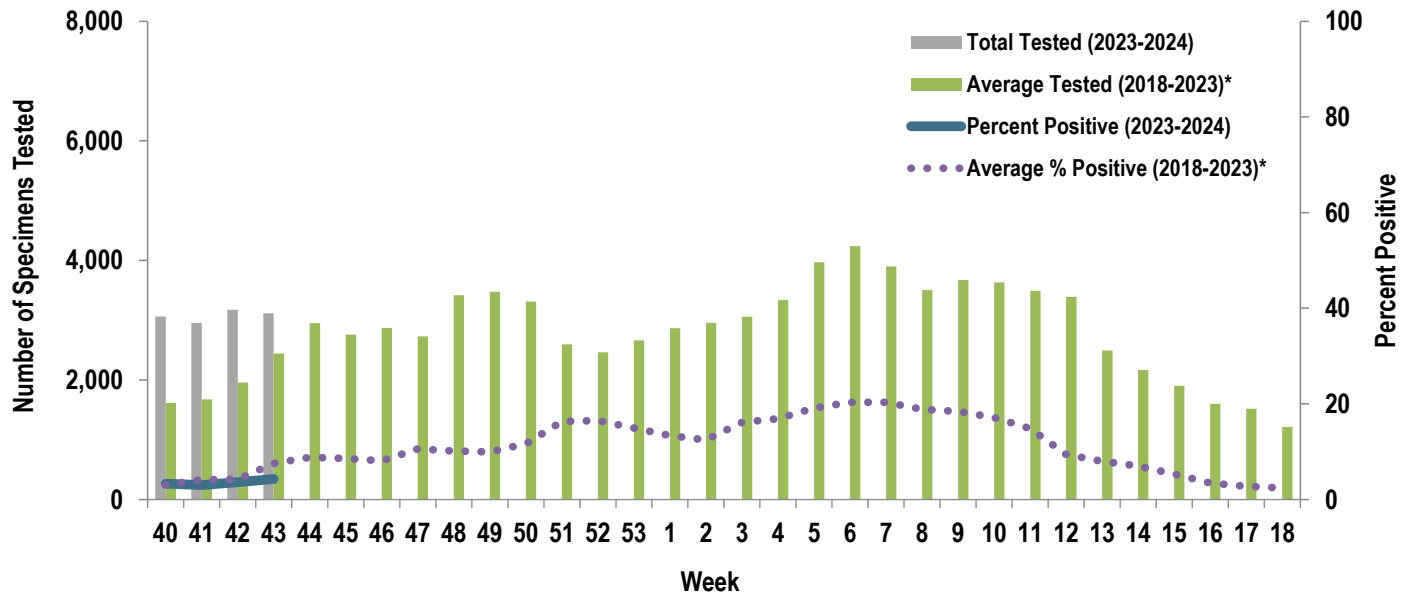


### Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



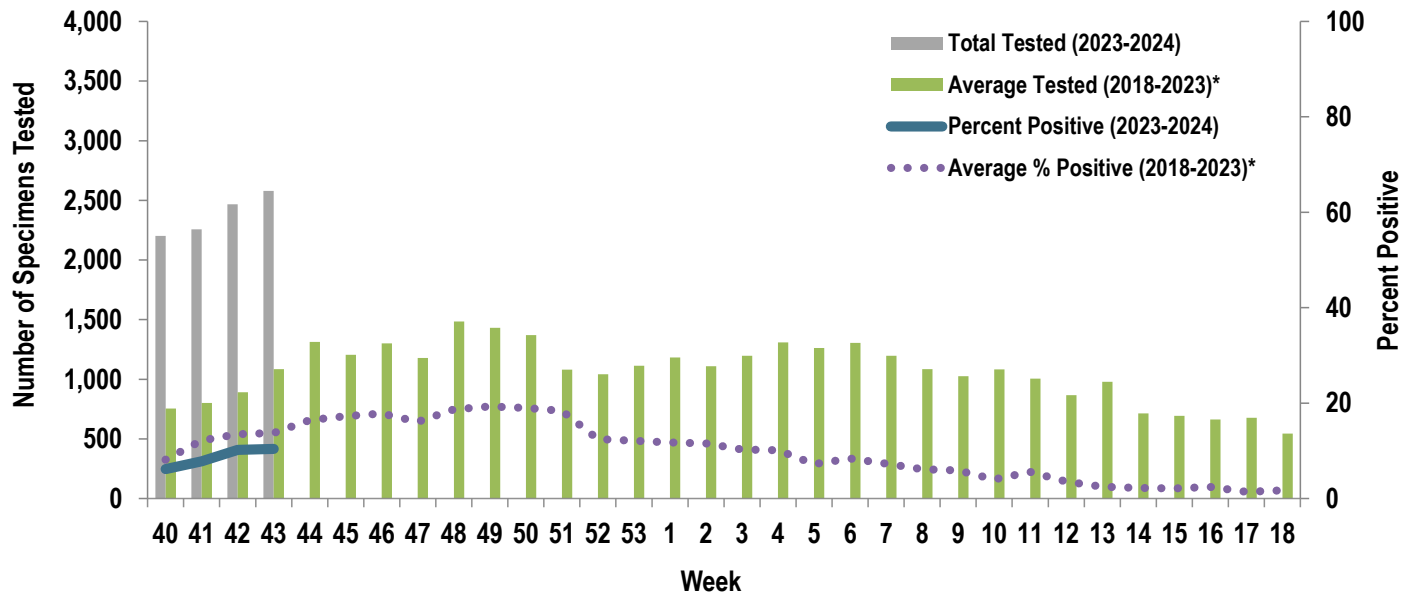
\*2018-2019, 2019-2020, and 2022-2023 influenza seasons. Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

### 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

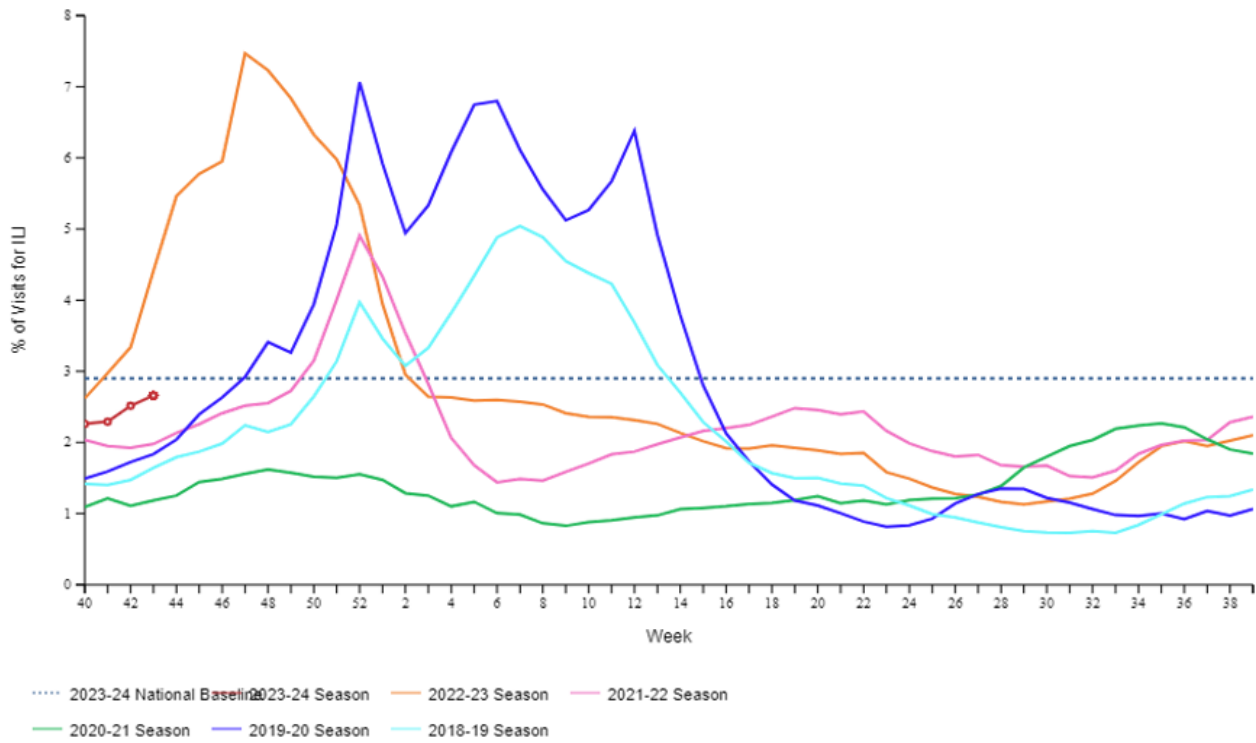


\*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.





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 – October 28, 2023

