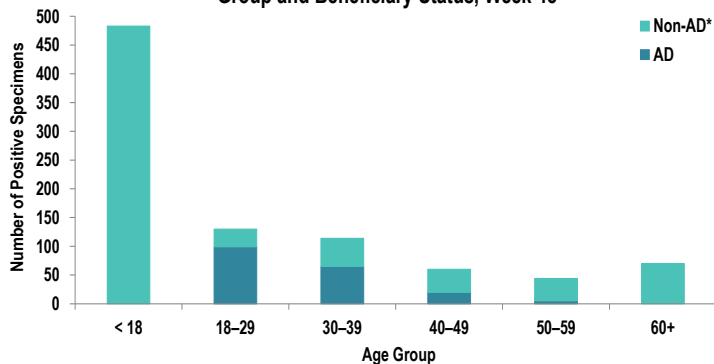


SUMMARY

Influenza A activity remained stable since surveillance week 47 in the Army population — 6% of specimens tested positive for influenza A. Two hundred and eighty-one positive influenza A and one hundred and nine influenza B specimens were reported during surveillance week 48. Respiratory syncytial virus (RSV) activity remained stable since week 47 — 11.9% of specimens tested positive for RSV during surveillance week 48 compared to the 11.2% of positive specimens during week 47. Two influenza-associated hospitalizations were reported during surveillance week 48. Nationwide, influenza activity is increasing, with 6.8% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). As we are approaching the holidays that typically involve social events, it is strongly recommended to get the flu vaccine to help prevent infection and reduce the spread of influenza.

DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 48



AD: One hundred and eighty-nine positive respiratory specimens were collected from active duty (AD) service members (SMs) during week 48; 52.4% (n=99) of the positive specimens were collected from SMs 18 – 29 years of age.

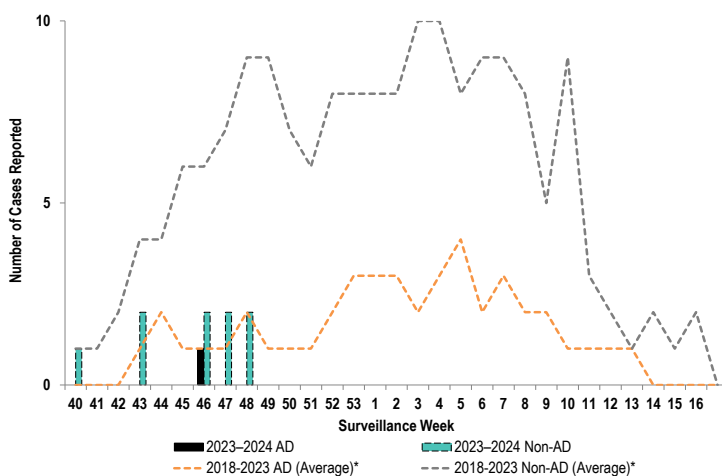
Non-AD: Seven hundred and twelve positive respiratory specimens were collected from non-AD individuals during week 48; 67.8% (n=483) of the positive specimens were collected from individuals under 18 years of age.

*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 48 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 10 hospitalizations. The week 48 average during the 2018 – 2023 seasons was 10 hospitalizations (with an average of 42 hospitalizations reported from the start of the season through week 48).

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.

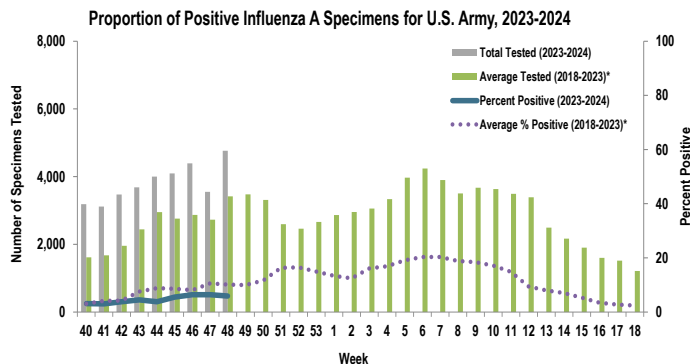
Data are preliminary and subject to change.

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.

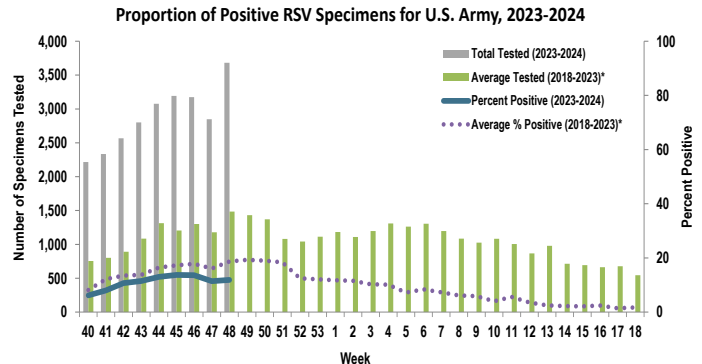
Questions?
Email DCPH-A-DEP

INFLUENZA A ACTIVITY - ARMY

RSV ACTIVITY - ARMY



Of the 4,766 specimens tested for influenza A during week 48, 5.9% (n=281) were positive.



Of the 3,682 specimens tested for RSV during week 48, 11.1% (n=439) were positive.

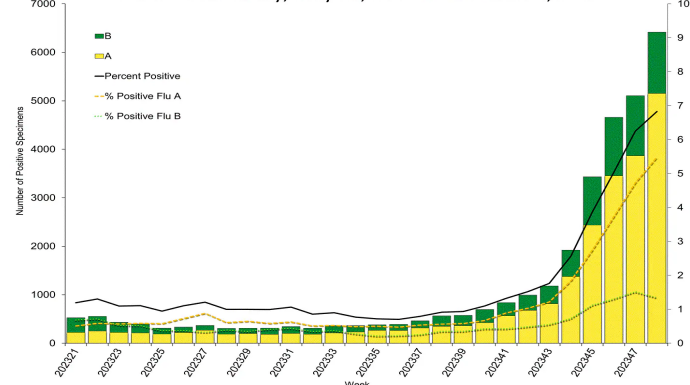
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 45	Week 46	Week 47	Week 48	Season Total
Army MTF Laboratory Results, 2023-24	Adenovirus	13	11	9	14	113
	Enterovirus	60	55	45	45	460
	Influenza A	226	281	228	281	1,661
	Influenza B	102	105	74	109	625
	Parainfluenza	14	16	9	16	109
	RSV	437	433	324	439	2,951
	Negative	3,313	3,536	3,000	3,906	28,821
	Total	4,165	4,437	3,689	4,810	34,740

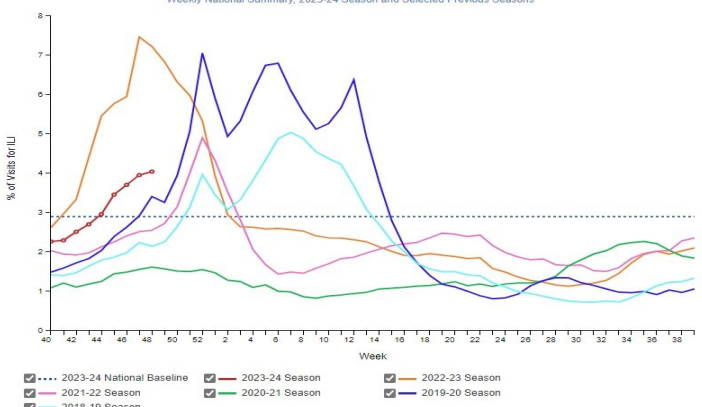
Of the 4,810 specimens tested during week 48, 18.8% (n=904) were positive for any type of respiratory illness. RSV accounted for 48.6% (n=439) of the positive results, influenza A accounted for 31.1% (n=281), influenza B accounted for 12.1% (n=109), enterovirus accounted for 5.0% (n=45), parainfluenza accounted for 1.8% (n=16), and adenovirus accounted for 1.5% (n=14). Additionally, the reported number of specimens tested increased by 30.4% from week 47 to week 48. Significantly more tests for influenza have been conducted this season compared to past seasons; 34,267 specimens have been tested for influenza A so far this season compared to the average of 22,413 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 – December 2, 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

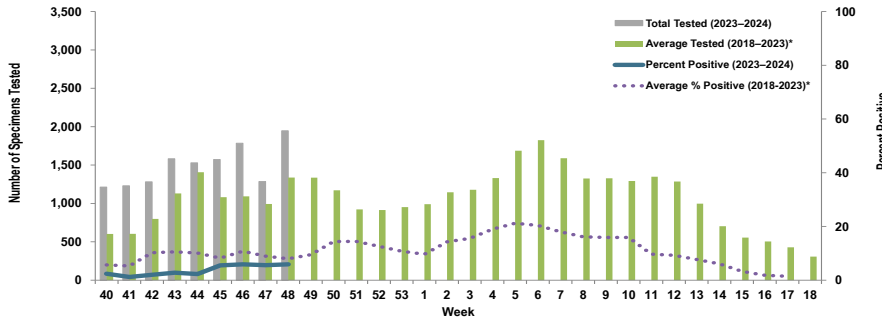


Nationwide in week 48, incident ILI activity was 4.0%; this is above the national baseline of 2.9%. Additionally, a total of 93,944 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 6,415 (6.8%) were positive. Influenza A accounted for 80.3% (n=5,152) of the total positive specimens.

Locations providing Week 48 laboratory data as of 6 December 2023: Camp Zama, Ft. Belvoir, Ft. Bliss, Ft. Campbell, Ft. Cavazos, Ft. Carson, Ft. Drum, Ft. Eisenhower, Ft. Eustis, Ft. Gregg-Adams, Ft. Huachuca, Ft. Johnson, Ft. Knox, Ft. Leavenworth, Ft. Lewis, Ft. Liberty, Ft. Meade, Ft. Moore, Ft. Novosel, Ft. Riley, Ft. Sam Houston, Ft. Sill, Ft. Stewart, Ft. Wainwright, Landstuhl Regional Medical Center, Tripler Army Medical Center, the U.S. Military Academy at West Point, and Walter Reed National Military Medical Center.

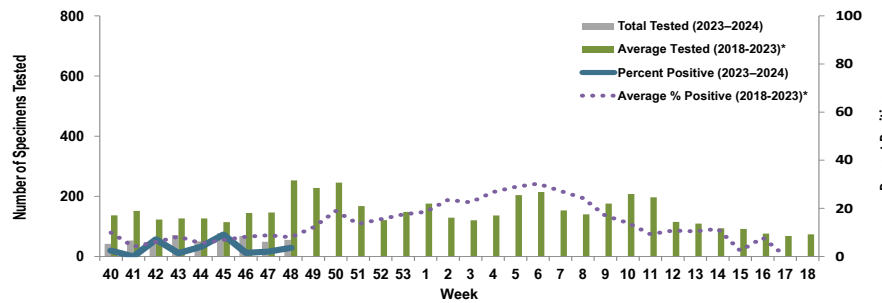
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



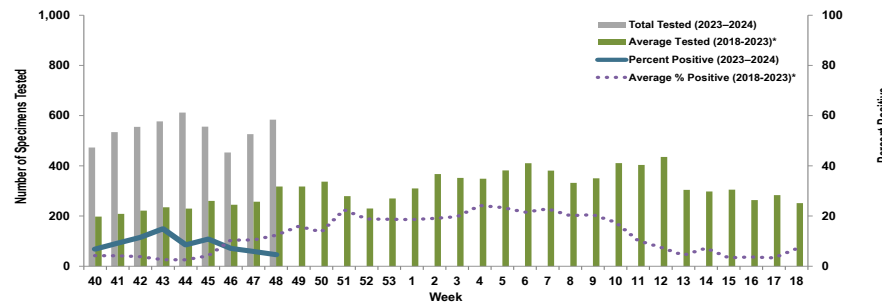
Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	44	196
18–29	7	3	122
30–39	8	8	82
40–49	8	9	55
50–59	2	14	37
60+	0	11	34
Total	25	89	526

Medical Readiness Command - Europe



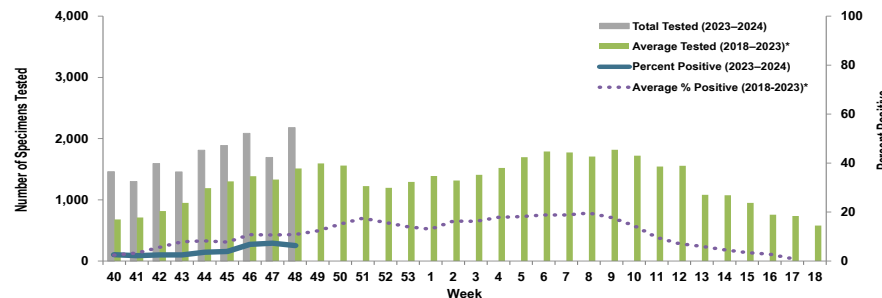
Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	0	2
18–29	1	0	7
30–39	0	0	4
40–49	0	1	4
50–59	0	0	1
60+	0	0	0
Total	1	1	18

Medical Readiness Command - Pacific



Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	8	160
18–29	2	1	138
30–39	6	0	70
40–49	0	0	23
50–59	0	2	14
60+	0	7	27
Total	8	18	432

Medical Readiness Command - West



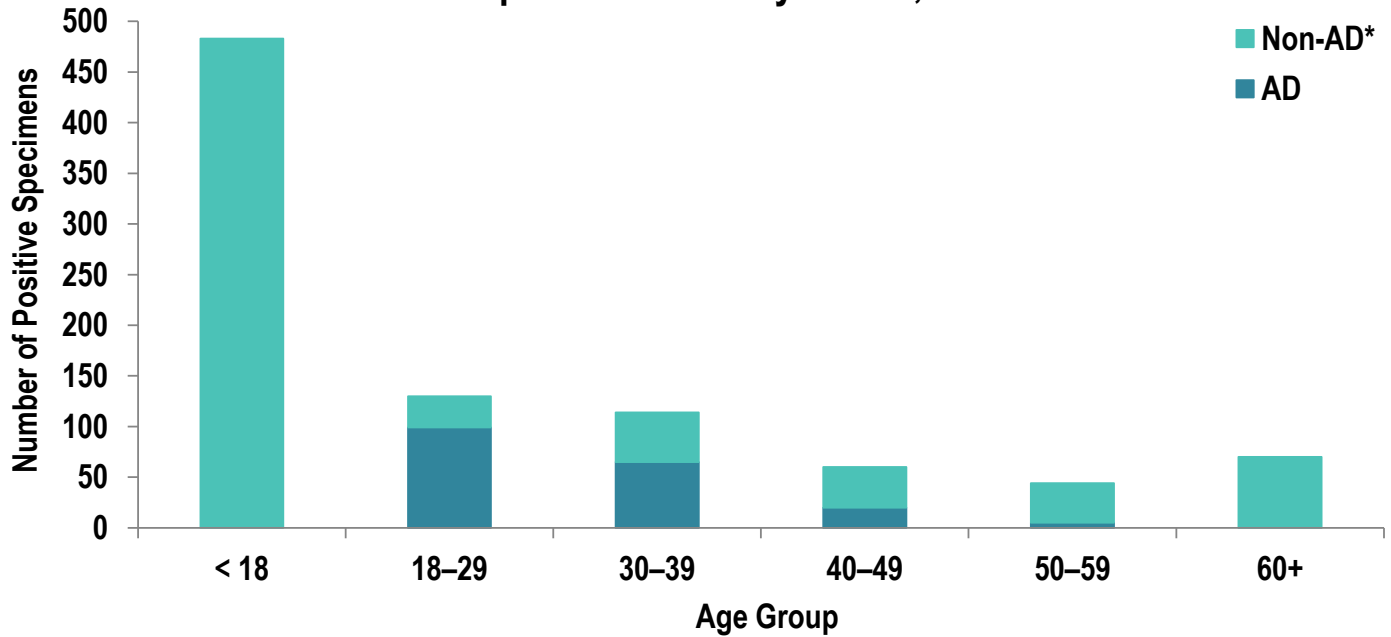
Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	53	242
18–29	14	5	180
30–39	17	9	114
40–49	7	15	64
50–59	1	10	41
60+	0	6	42
Total	39	98	683

*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.

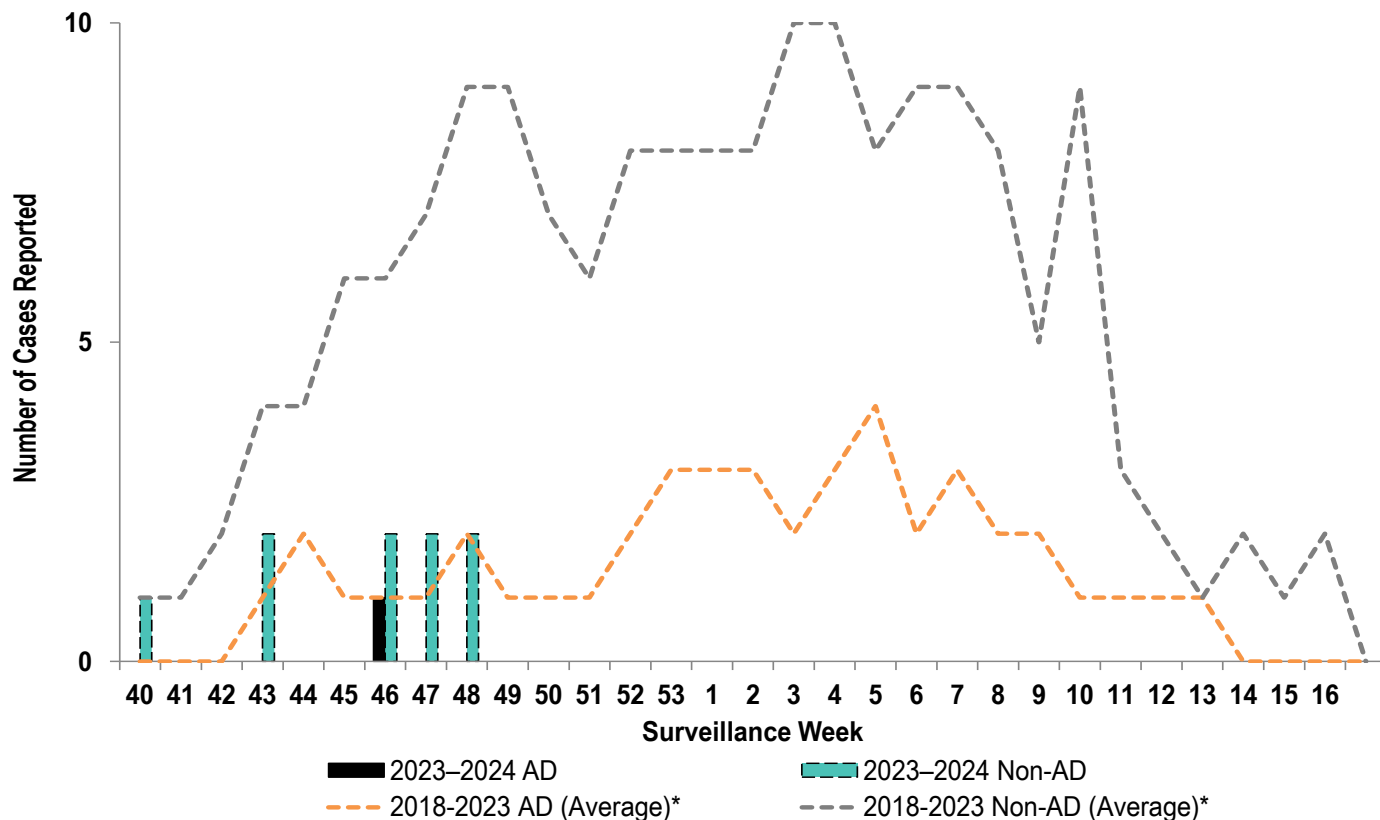
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 45		Week 46		Week 47		Week 48	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	29	57	36	70	14	58	25	89
MRC-Europe	5	2	0	1	0	1	1	1
MRC-Pacific	21	39	10	22	13	18	8	19
MRC-West	19	54	31	111	29	95	39	99

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 48

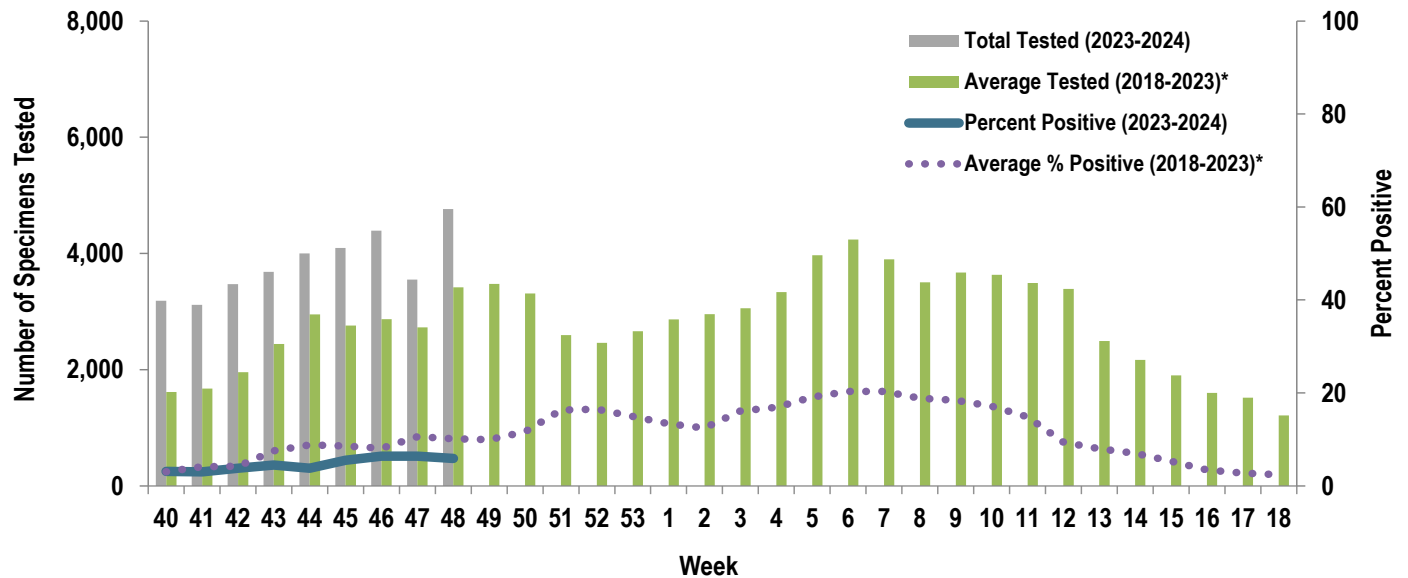


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



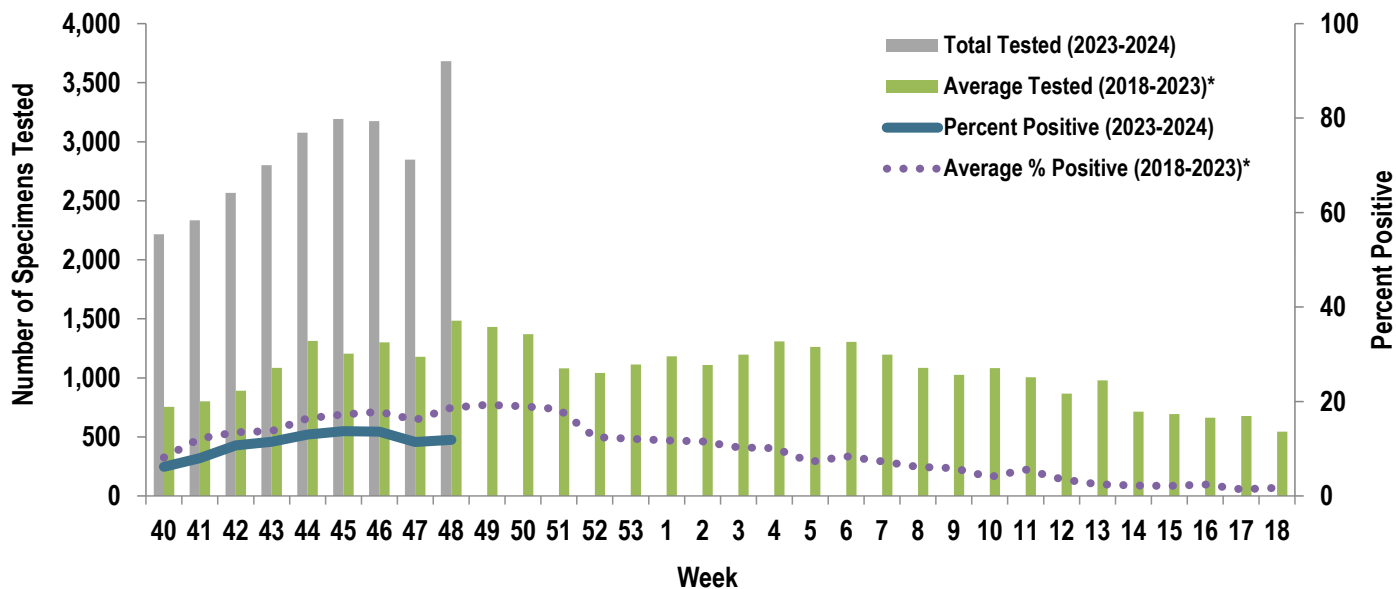
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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



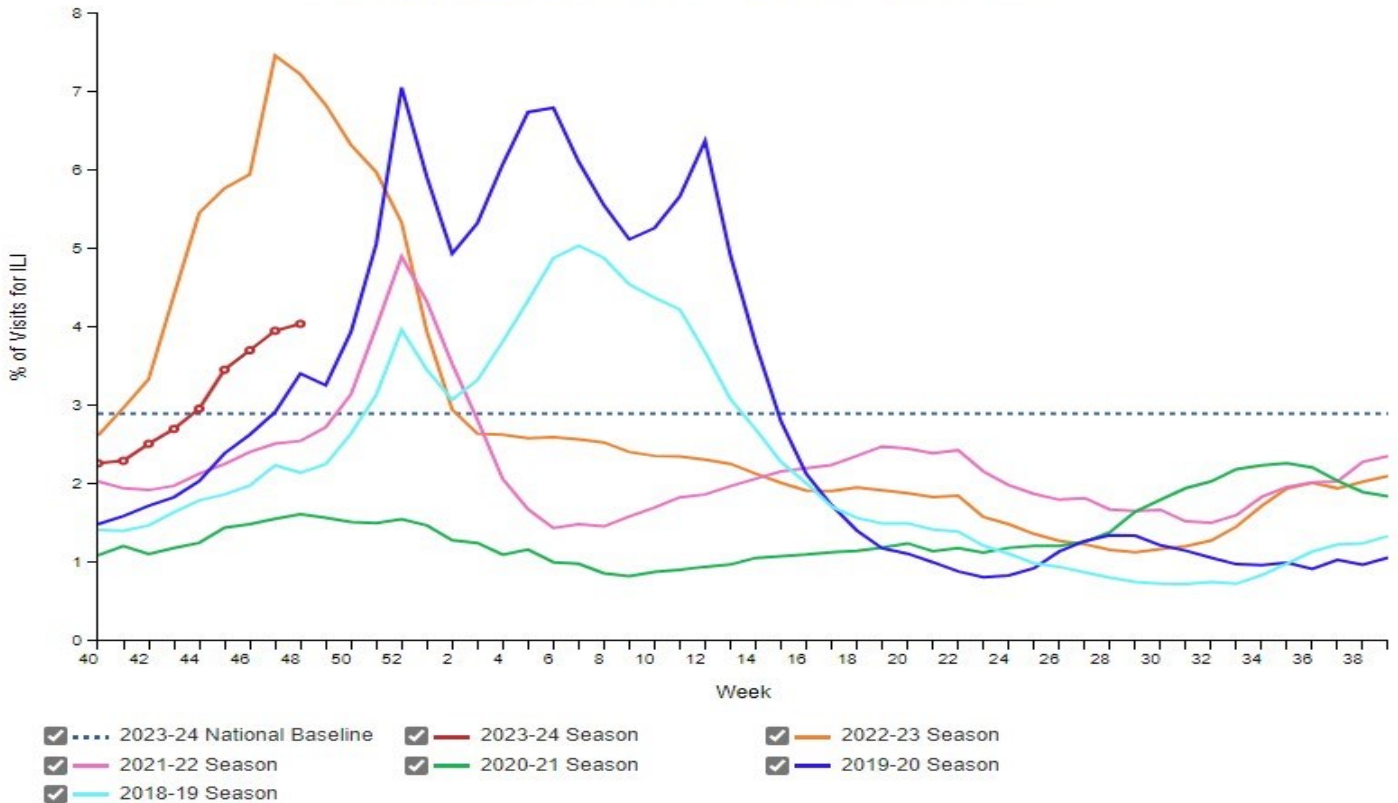
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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 – December 2, 2023

