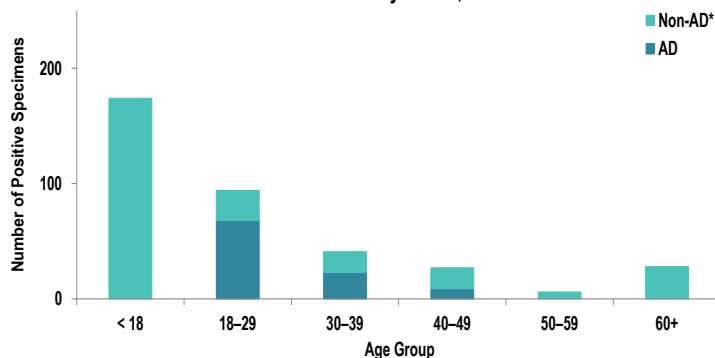


SUMMARY

Influenza activity in the Army population continues to decrease. In addition, respiratory syncytial virus (RSV) activity is also low. No influenza-associated hospitalizations were reported during surveillance Week 12; the season total thus far is 157 hospitalizations compared to an average of 190 hospitalizations in the same time period during the 2018-2023 seasons. Nationwide, influenza activity remains elevated, with 9.1% 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 12



AD: One hundred positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 12; 68.0% (n=68) of the positive specimens were collected from SMs 18 – 29 years of age.

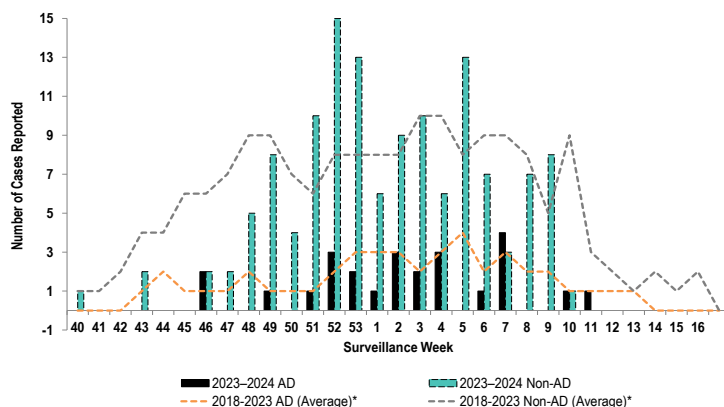
Non-AD: Two hundred and seventy positive respiratory specimens were collected from non-AD individuals during Week 12; 64.4% (n=174) of the positive specimens were collected from individuals under 18 years of age and 9.6% (n=26) from individuals who are 18 – 29 years old.

*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 12 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 157 hospitalizations. The Week 12 average during the 2018 – 2023 seasons was 3 hospitalizations (with an average of 190 hospitalizations reported from the start of the season through Week 12).

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.

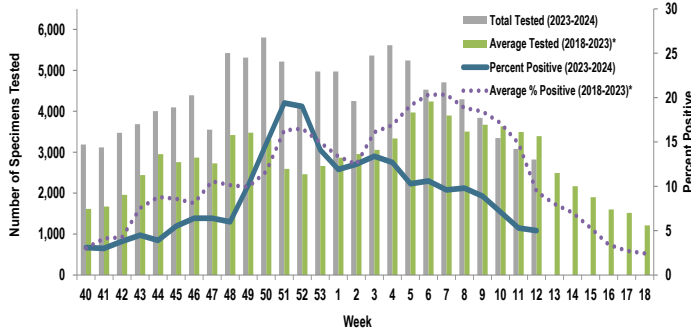
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Questions?
Email DCPH-A-DEP

INFLUENZA A ACTIVITY - ARMY

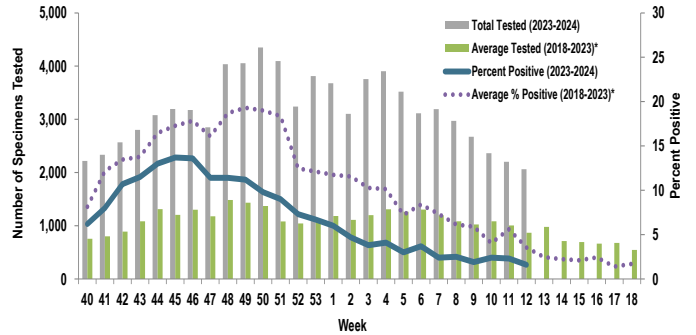
RSV ACTIVITY - ARMY

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



Of the 2,821 specimens tested for influenza A during Week 12, 5.0% (n=142) were positive. Influenza A activity decreased slightly.

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



Of the 2,061 specimens tested for RSV during Week 12, 1.6% (n=32) were positive. RSV activity decreased.

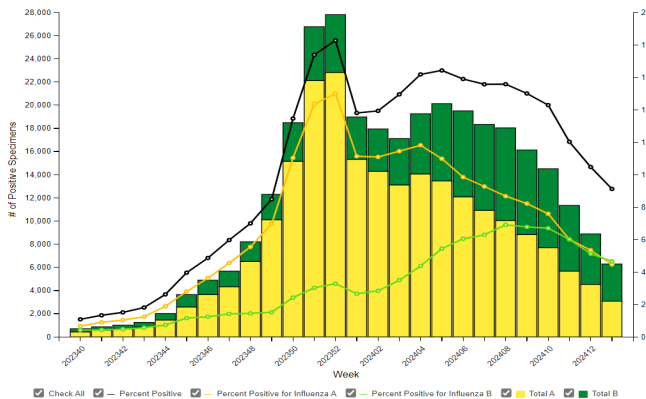
*Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

	Week 9	Week 10	Week 11	Week 12	Season Total	
Army MTF Laboratory Results, 2023-24	Adenovirus	14	15	24	9	338
	Enterovirus	48	30	50	44	1,160
	Influenza A	342	239	162	142	10,929
	Influenza B	244	190	136	112	4,726
	Parainfluenza	22	32	23	31	370
	RSV	52	56	51	32	5,945
	Negative	3,179	2,856	2,724	2,533	90,539
	Total	3,901	3,418	3,170	2,903	114,007

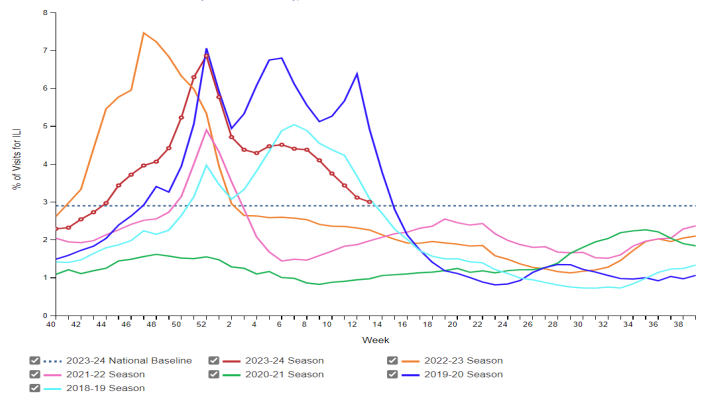
Of the 2,903 specimens tested during Week 12, 12.7% (n=370) were positive for any type of respiratory illness. Influenza A accounted for 38.4% (n=142) of the positive results, influenza B accounted for 30.3% (n=112), enterovirus accounted for 11.9% (n=44), RSV accounted for 8.6% (n=32), parainfluenza accounted for 8.4% (n=31), and adenovirus accounted for 2.4% (n=9). Additionally, the reported number of specimens tested decreased 8.4% from Week 11 to Week 12. Significantly more tests for influenza have been conducted this season compared to past seasons; 112,408 specimens have been tested for influenza A so far this season compared to the average of 78,928 specimens during the same time period in 2018-2023*.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES

Influenza Positive Tests Reported to CDC by Clinical Laboratories, National Summary, 2023-24 Season, week ending Mar 30, 2024



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

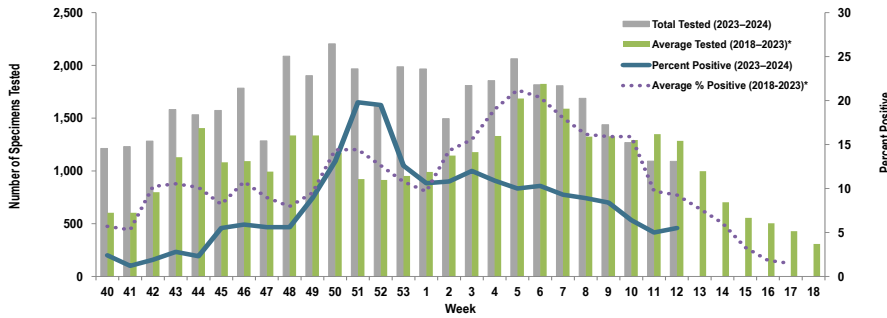


Nationwide in Week 12 (CDC's Week 13), incident ILI activity was 3.0%; this is above the national baseline of 2.9%. Additionally, a total of 68,989 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 6,293 (9.1%) were positive. Influenza A accounted for 49.0% (n=3,081) of the total positive specimens.

Locations providing Week 12 laboratory data as of 04 April 2024: Camp Zama, Carlisle Barracks, Ft. Belvoir, Ft. Bliss, Ft. Campbell, 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. Leonard Wood, Ft. Lewis, Ft. Liberty, Ft. Meade, Ft. Moore, Ft. Novosel, 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 at West Point, and Walter Reed National Military Medical Center.

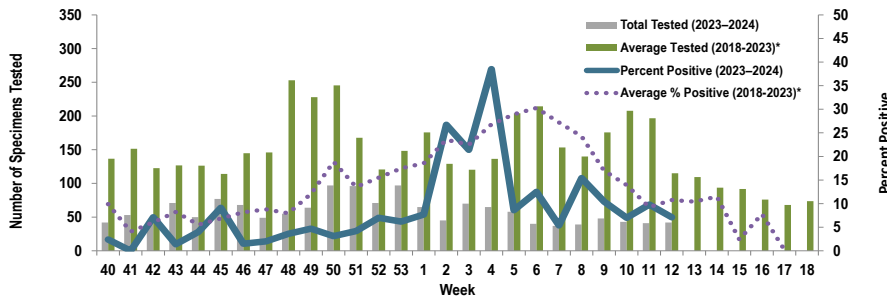
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



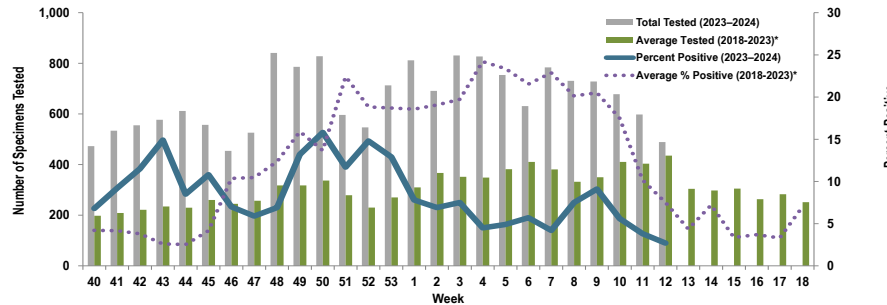
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	16	1,277
18–29	17	6	856
30–39	3	4	595
40–49	0	3	393
50–59	0	1	299
60+	0	10	343
Total	20	40	3,763

Medical Readiness Command - Europe (Landstuhl Regional Medical Center)



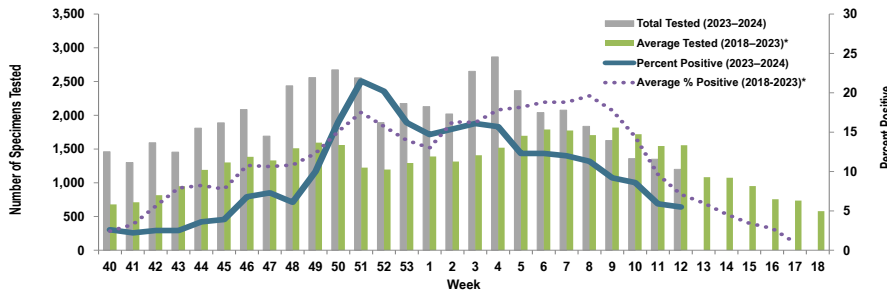
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	1	46
18–29	0	0	24
30–39	0	1	25
40–49	0	0	17
50–59	0	1	11
60+	0	0	6
Total	0	3	129

Medical Readiness Command - Pacific



Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	3	382
18–29	5	2	520
30–39	1	0	266
40–49	0	1	108
50–59	0	0	61
60+	0	1	115
Total	6	7	1,452

Medical Readiness Command - West



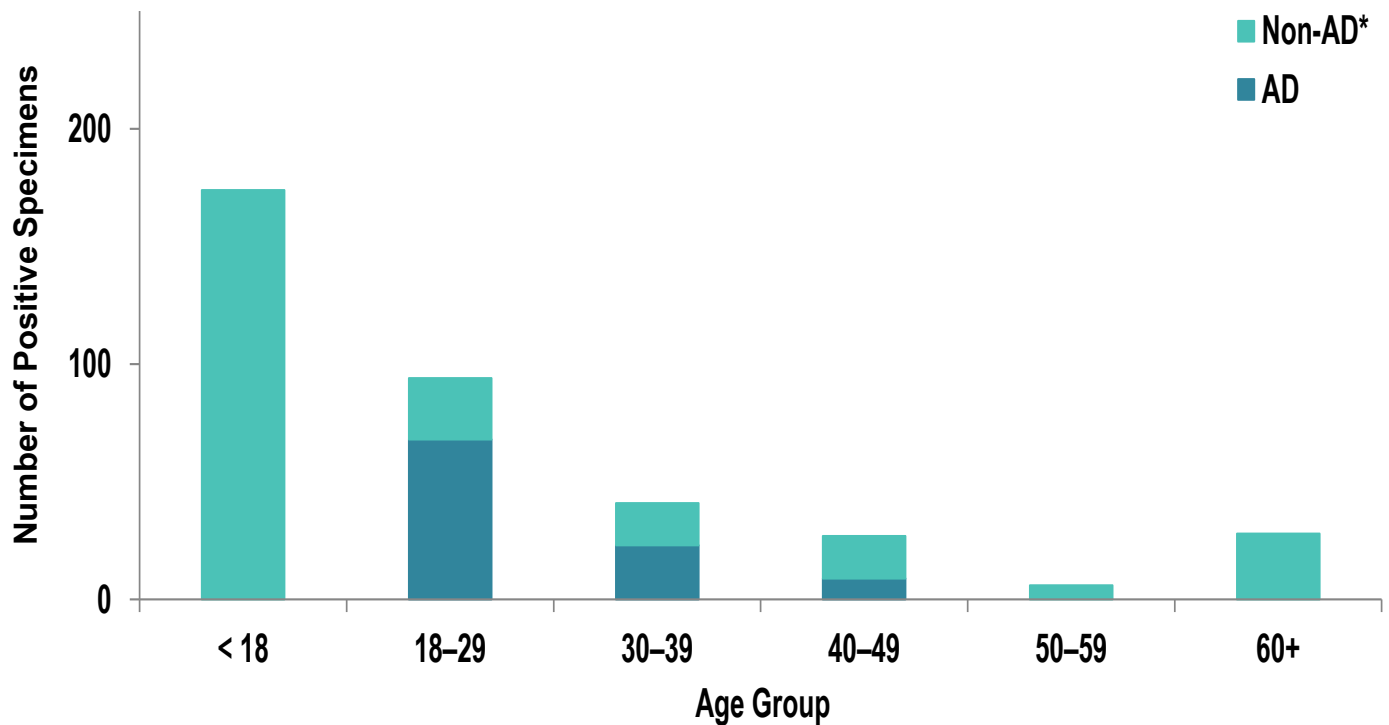
Week 12			
Age Group	AD	Non-AD	Season Total
< 18	0	26	1,934
18–29	11	6	1,435
30–39	6	3	892
40–49	3	3	506
50–59	0	1	374
60+	0	7	439
Total	20	46	5,580

*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.

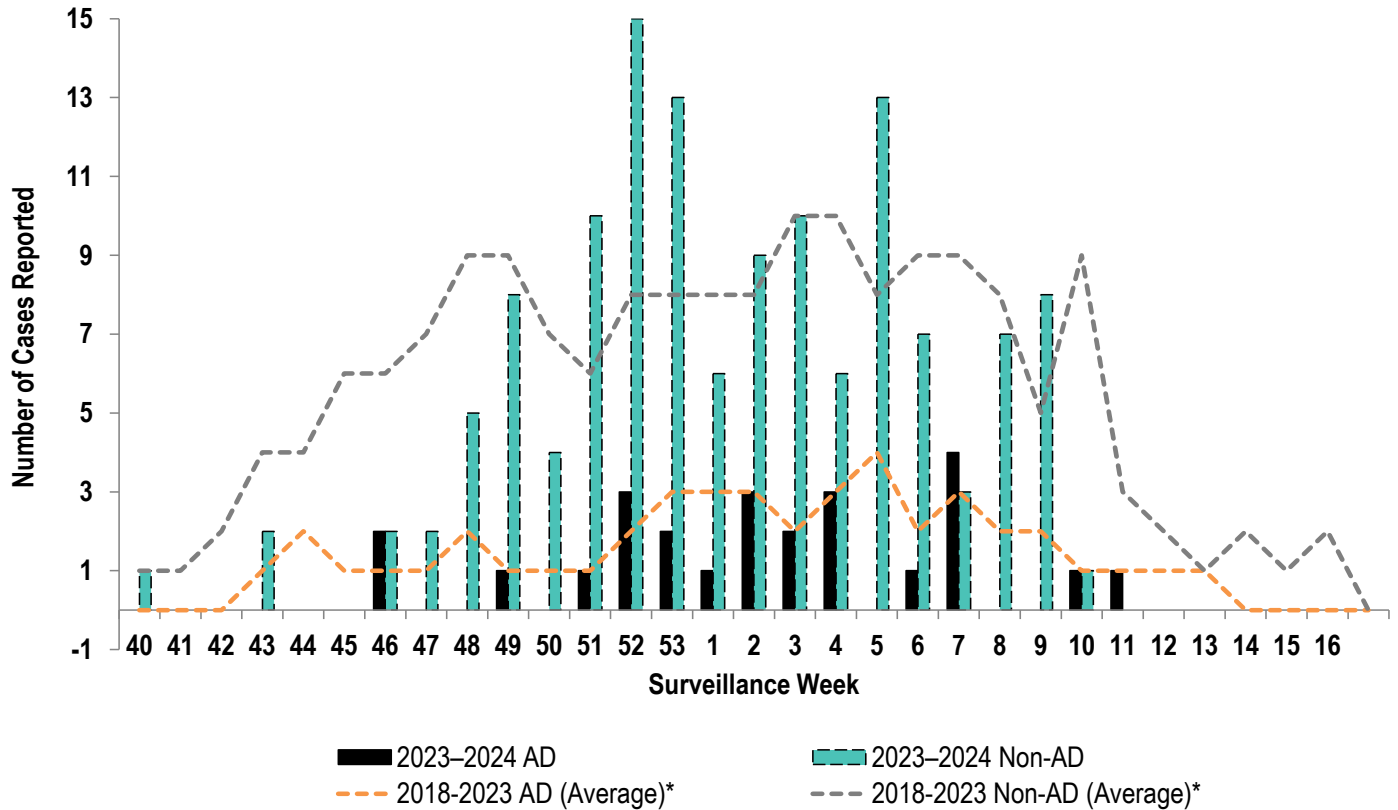
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 9		Week 10		Week 11		Week 12	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	48	73	31	50	20	35	20	40
MRC-Europe	1	4	0	3	1	3	0	3
MRC-Pacific	37	29	18	20	7	16	6	7
MRC-West	58	92	32	85	32	48	20	46

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 12

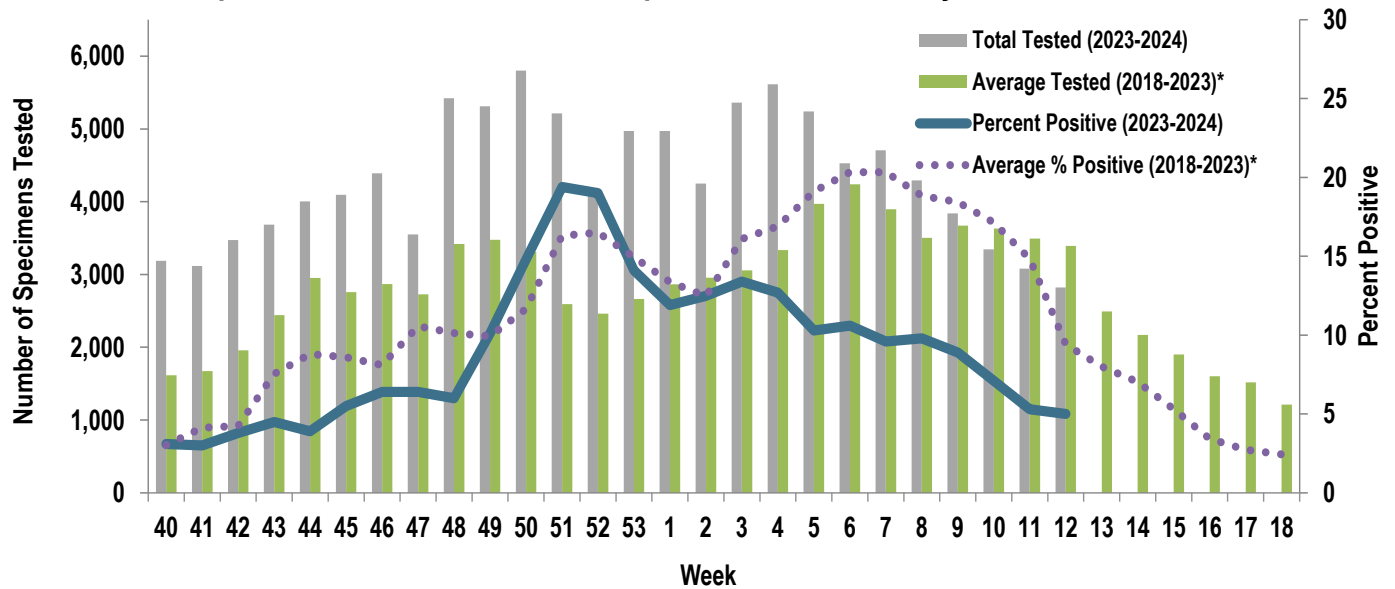


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



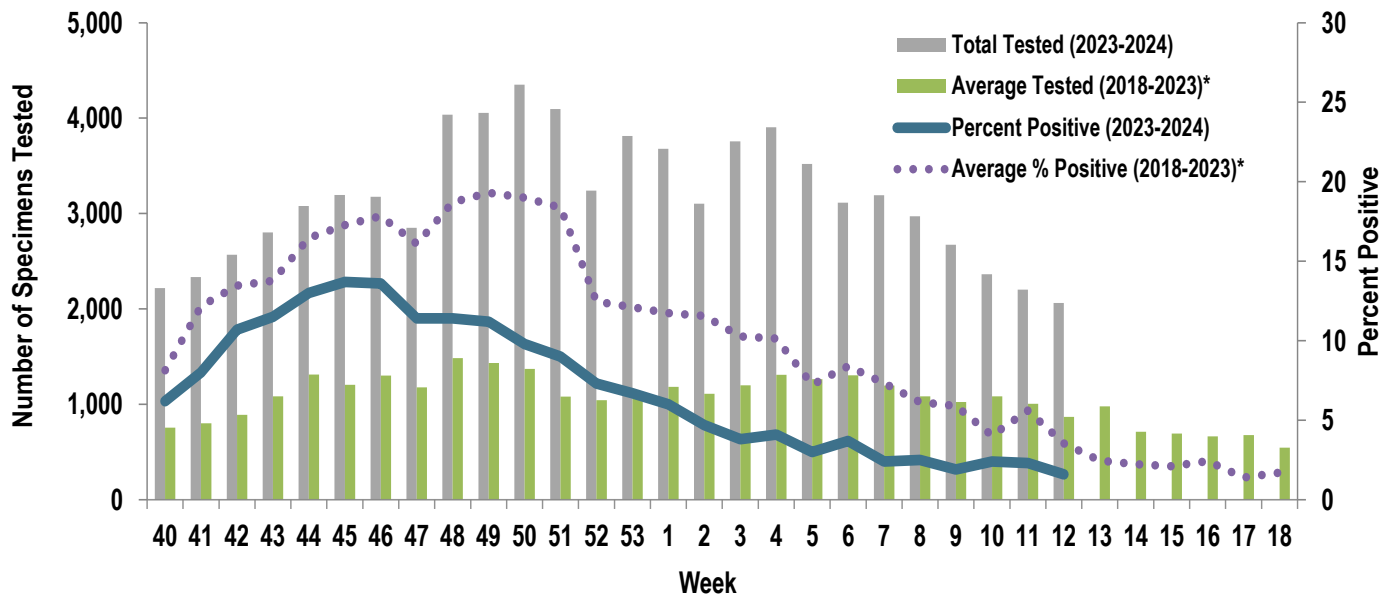
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Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



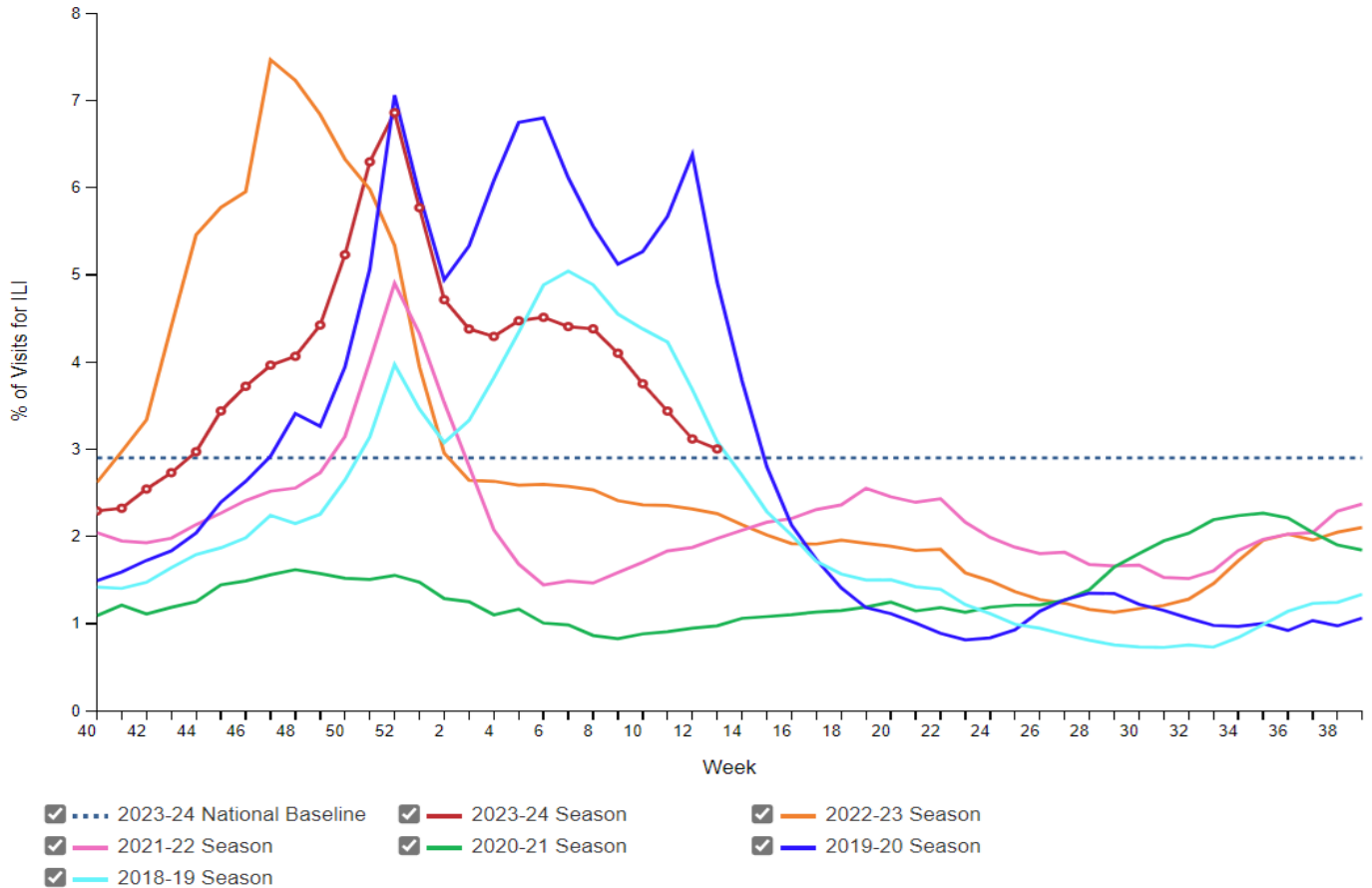
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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



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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 Clinical Laboratories, National Summary, 2023-24 Season, week ending Mar 30, 2024

