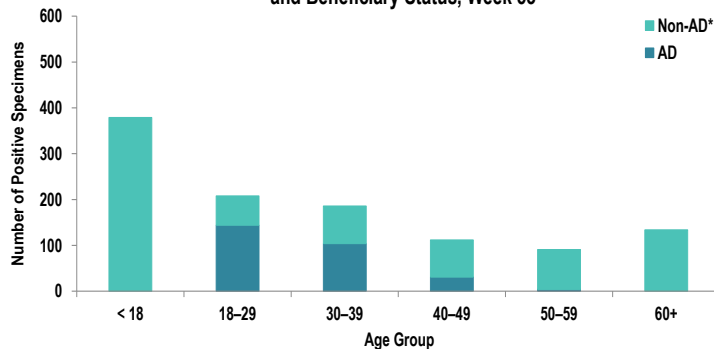


SUMMARY

Influenza A activity decreased since surveillance week 52 in the Army population — 14.0% of specimens tested positive for influenza A in week 53 compared to 19.0% in week 52. Six hundred and forty positive influenza A specimens and one hundred and eighty-eight influenza B specimens were reported during surveillance week 53. Eleven influenza-associated hospitalizations were reported during surveillance week 53. Nationwide, influenza activity is decreasing, with 14.0% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). Avoid close contact with sick individuals, wash your hands frequently, and sanitize any high contact surfaces and objects.

DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 53



AD: Two hundred and eighty-three positive respiratory specimens were collected from active duty (AD) service members (SMs) during week 53; 50.9% (n=144) of the positive specimens were collected from SMs 18 – 29 years of age.

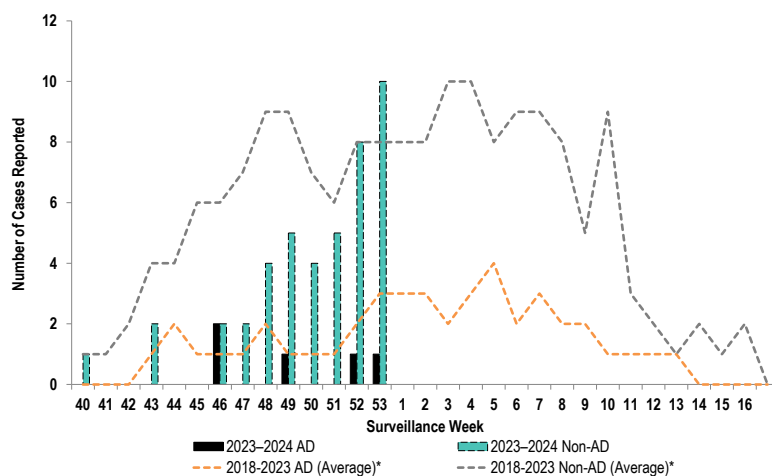
Non-AD: Eight hundred and twenty-seven positive respiratory specimens were collected from non-AD individuals during week 53; 45.8% (n=379) of the positive specimens were collected from individuals under 18 years of age and 16.2% from those 60 and older.

*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



Eleven influenza-associated hospitalizations with an onset date in week 53 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 48 hospitalizations. The week 53 average during the 2018 – 2023 seasons was 10 hospitalizations (with an average of 83 hospitalizations reported from the start of the season through week 53).

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.

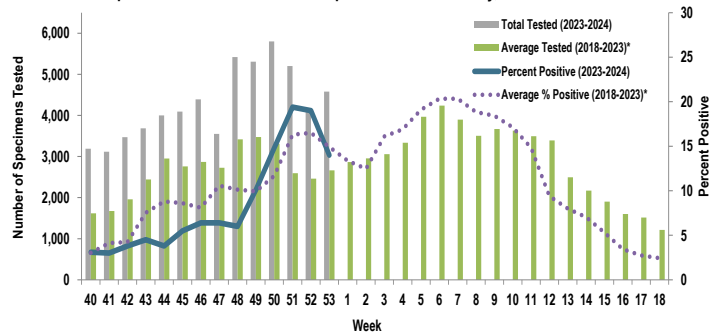
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Questions?
Email [DCPH-A DEP](mailto:DCPH-A@DEP)

INFLUENZA A ACTIVITY - ARMY

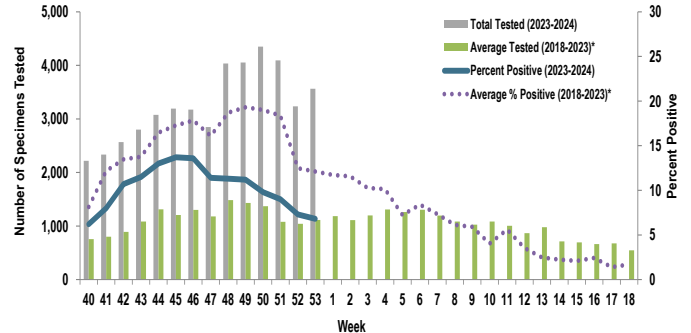
RSV ACTIVITY - ARMY

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



Of the 4,579 specimens tested for influenza A during week 53, 14.0% (n=640) were positive — a 5 percentage-point decrease from week 52.

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



Of the 3,564 specimens tested for RSV during week 53, 6.8% (n=241) were positive - this was a decrease of less than 1 percentage-point since week 52.

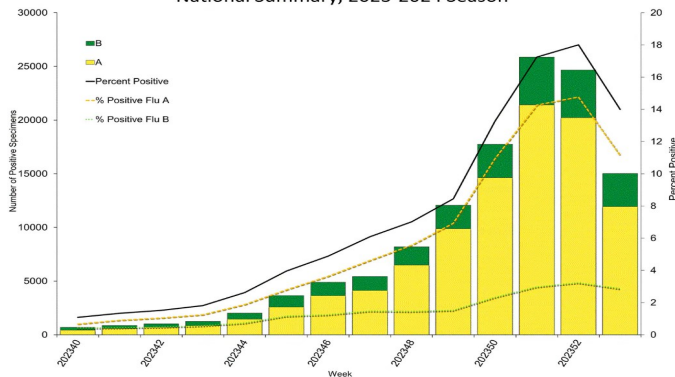
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

	Week 50	Week 51	Week 52	Week 53	Season Total	
Army MTF Laboratory Results, 2023-24	Adenovirus	15	17	6	6	171
	Enterovirus	48	36	30	32	667
	Influenza A	857	1,009	783	640	5,531
	Influenza B	253	241	209	188	1,690
	Parainfluenza	13	13	6	4	158
	RSV	428	369	236	241	4,698
	Negative	4,244	3,635	2,896	3,503	47,849
	Total	5,858	5,320	4,166	4,614	60,764

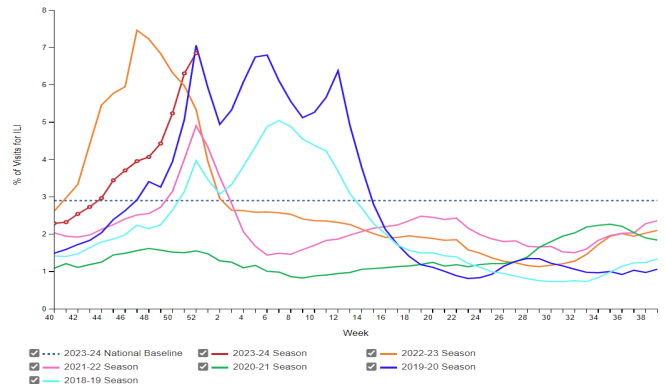
Of the 4,614 specimens tested during week 53, 24.1% (n=1,111) were positive for any type of respiratory illness. Influenza A accounted for 57.6% (n=640) of the positive results, RSV accounted for 21.7% (n=241), influenza B accounted for 16.9% (n=188), enterovirus accounted for 2.9% (n=32), adenovirus accounted for 0.5% (n=6) and parainfluenza accounted for 0.4% (n=4). Additionally, the reported number of specimens tested increased by 10.8% from week 52 to week 53. Significantly more tests for influenza have been conducted this season compared to past seasons; 59,932 specimens have been tested for influenza A so far this season compared to the average of 36,918 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, 2023-2024 Season



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

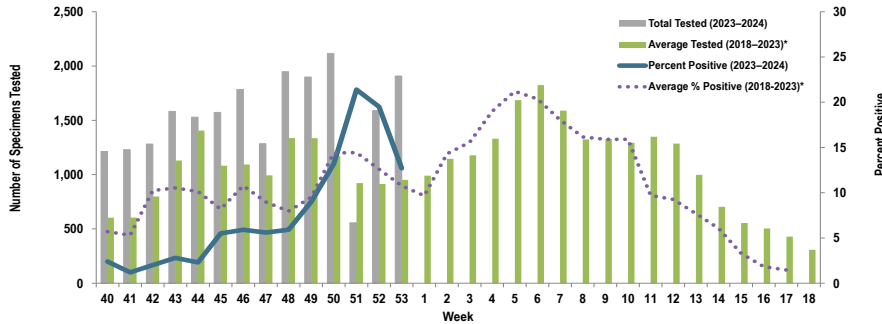


Nationwide in week 53, incident ILI activity was 5.7%; this is above the national baseline of 2.9%. Additionally, a total of 107,334 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 15,018 (14.0%) were positive. Influenza A accounted for 79.5% (n=11,942) of the total positive specimens.

Locations providing Week 53 laboratory data as of 11 January 2024: Camp Zama, 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. Lewis, Ft. Liberty, Ft. Meade, Ft. Moore, Ft. Novosel, Ft. Riley, Ft. Sam Houston, Ft. Sill, Ft. Wainwright, 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.

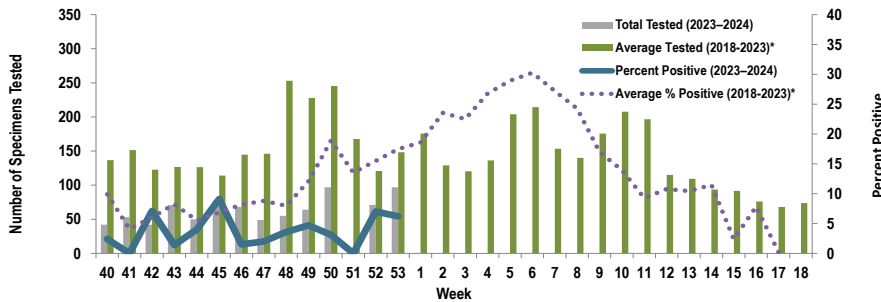
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



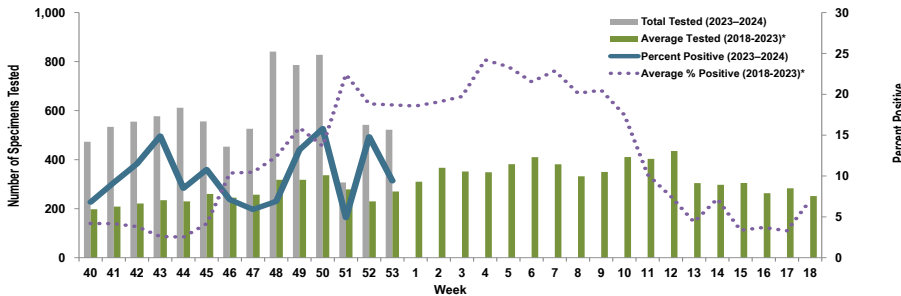
Week 53			
Age Group	AD	Non-AD	Season Total
< 18	0	50	734
18–29	33	9	287
30–39	30	24	304
40–49	12	19	243
50–59	2	28	163
60+	0	35	198
Total	77	165	1,929

Medical Readiness Command - Europe



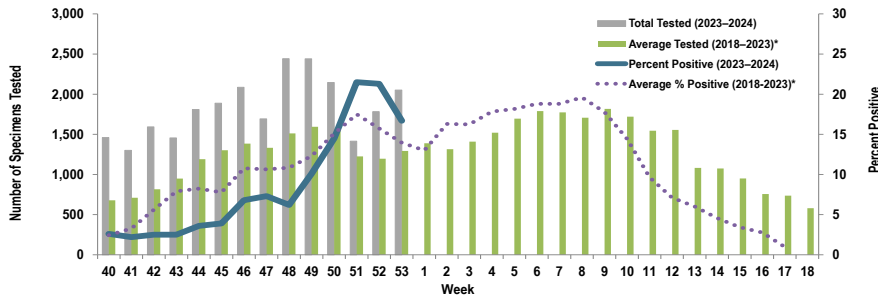
Week 53			
Age Group	AD	Non-AD	Season Total
< 18	0	2	9
18–29	2	0	10
30–39	0	0	7
40–49	0	1	9
50–59	0	1	3
60+	0	0	1
Total	2	4	39

Medical Readiness Command - Pacific



Week 53			
Age Group	AD	Non-AD	Season Total
< 18	0	11	255
18–29	9	1	305
30–39	10	5	170
40–49	2	1	71
50–59	0	1	31
60+	0	9	66
Total	21	28	898

Medical Readiness Command - West



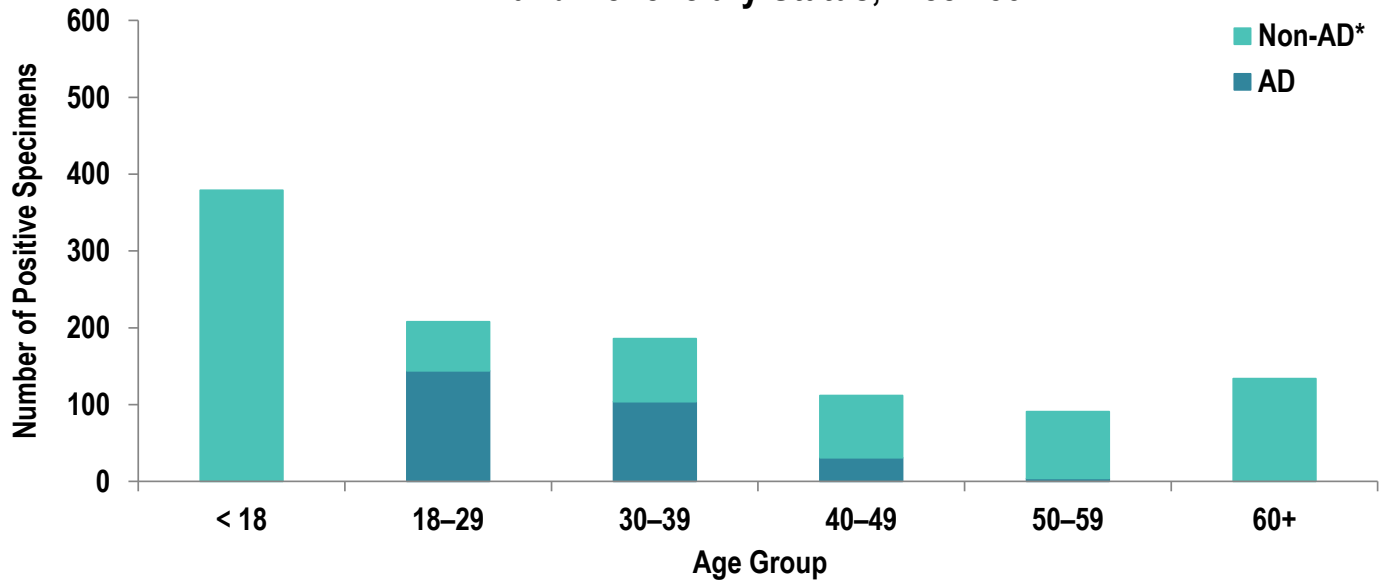
Week 53			
Age Group	AD	Non-AD	Season Total
< 18	0	89	1,105
18–29	43	32	455
30–39	31	18	394
40–49	8	36	284
50–59	1	36	190
60+	0	49	234
Total	83	260	2,662

*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.

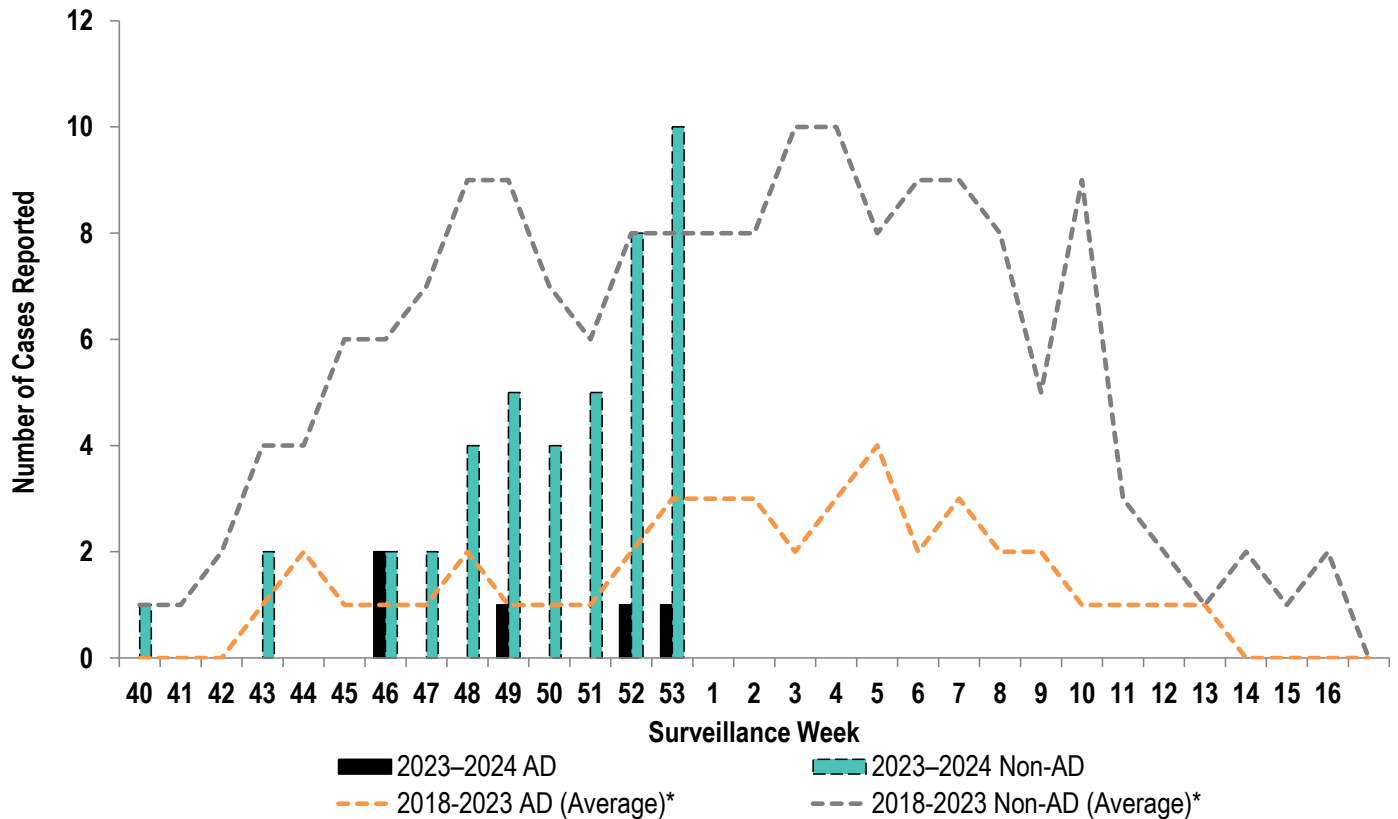
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 50		Week 51		Week 52		Week 53	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	44	244	74	311	64	251	77	165
MRC-Europe	2	1	1	3	3	2	2	4
MRC-Pacific	65	66	33	37	41	40	21	28
MRC-West	74	361	75	475	54	328	83	260

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 53

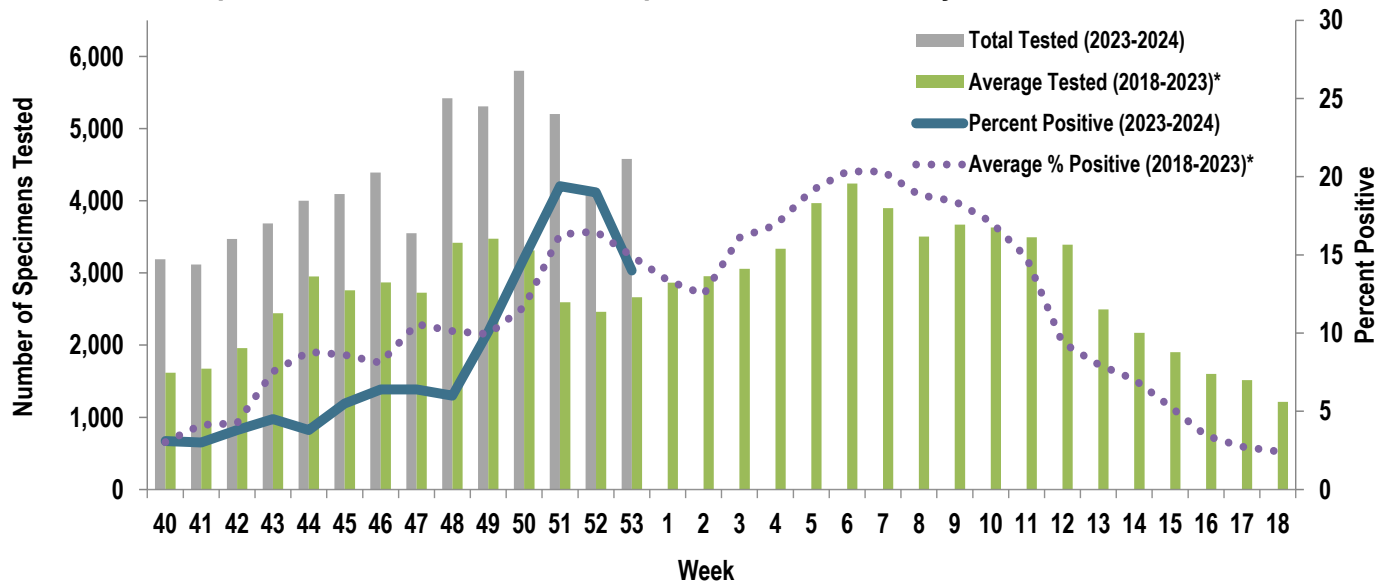


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



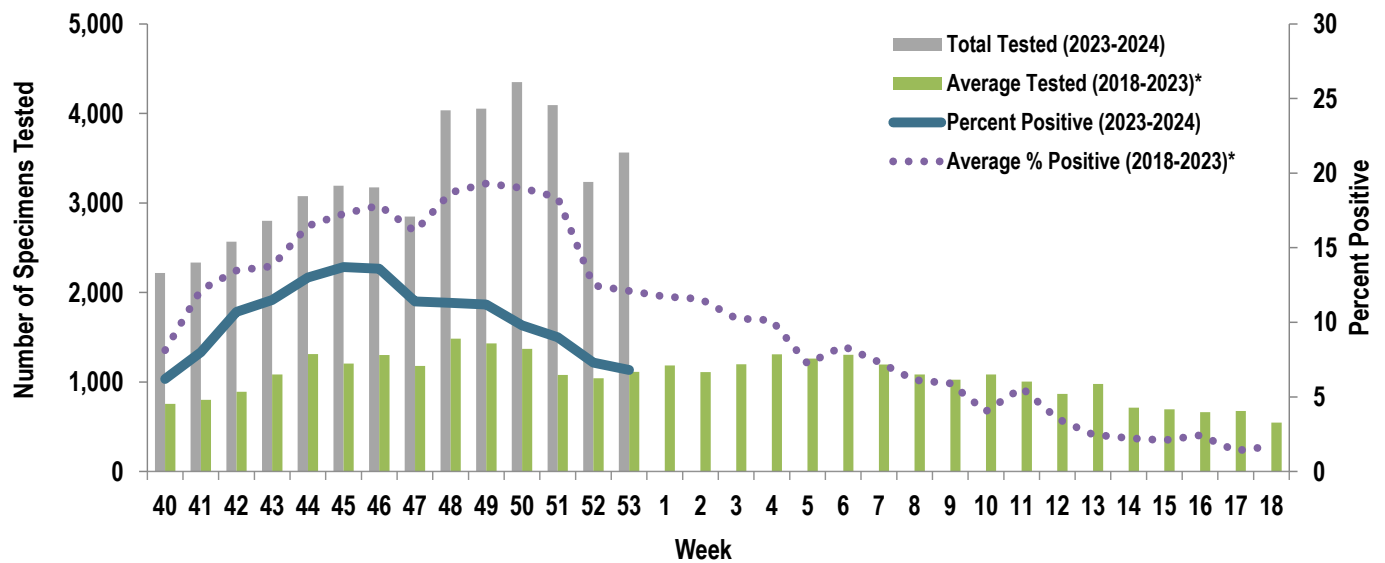
*2018-2019, 2019-2020, and 2022-2023 influenza seasons. Data from the 2020-2021 and 2021-2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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



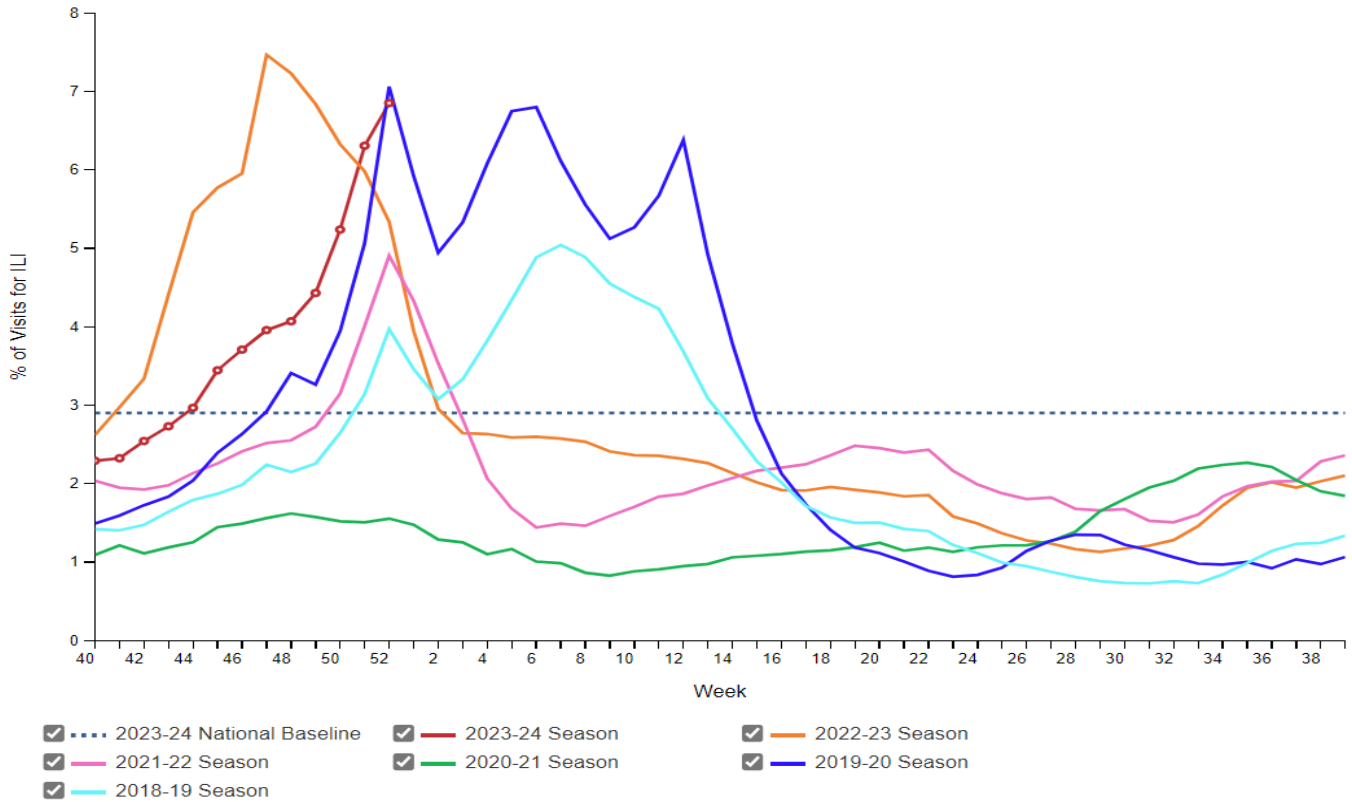
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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, 2023-2024 Season

