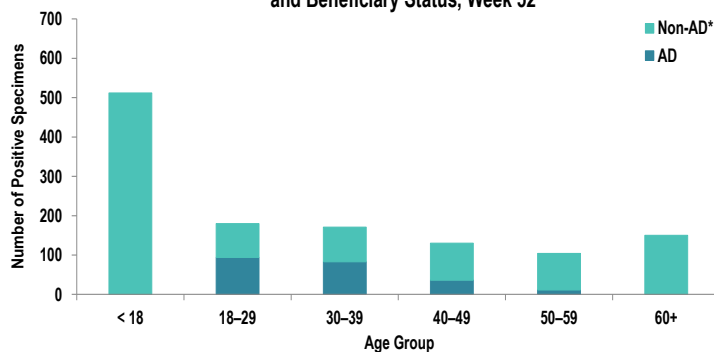


SUMMARY

Influenza A activity has remained stable since surveillance week 51 in the Army population — 19.4% of specimens tested positive for influenza A in week 52 compared to 19.8% in week 51. Seven hundred and seventy-four positive influenza A specimens and two hundred influenza B specimens were reported during surveillance week 52. Eight influenza-associated hospitalizations were reported during surveillance week 52 — the hospitalized were all non-AD individuals. Nationwide, influenza activity is increasing, with 17.5% 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 52



AD: Two hundred and twenty-four positive respiratory specimens were collected from active duty (AD) service members (SMs) during week 52; 42.0% (n=94) of the positive specimens were collected from SMs 18 – 29 years of age.

Non-AD: One thousand and twenty-three positive respiratory specimens were collected from non-AD individuals during week 52; 50.0% (n=512) of the positive specimens were collected from individuals under 18 years of age and 14.7% 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



Nine influenza-associated hospitalizations with an onset date in week 52 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 37 hospitalizations. The week 52 average during the 2018 – 2023 seasons was 9 hospitalizations (with an average of 73 hospitalizations reported from the start of the season through week 52).

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.

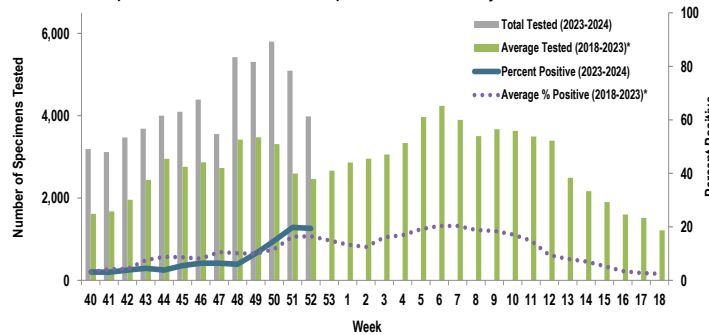
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Questions?
Email [DCPH-A DEP](mailto:DCPH-A@DEP)

INFLUENZA A ACTIVITY - ARMY

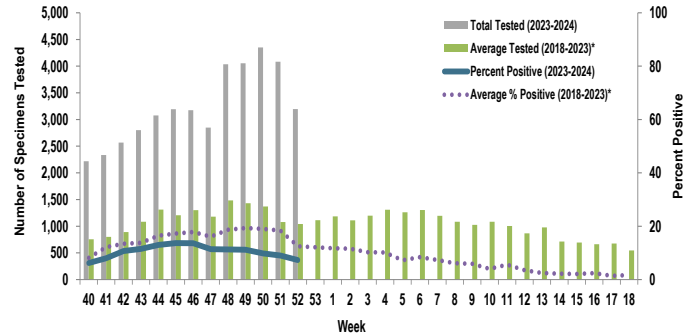
RSV ACTIVITY - ARMY

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



Of the 3,984 specimens tested for influenza A during week 52, 19.4% (n=774) were positive — there was no change in activity from week 51.

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



Of the 3,195 specimens tested for RSV during week 52, 7.3% (n=233) were positive.

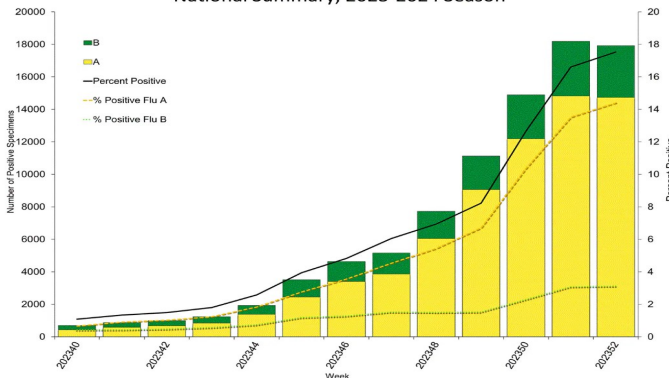
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

	Week 49	Week 50	Week 51	Week 52	Season Total	
Army MTF Laboratory Results, 2023-24	Adenovirus	14	15	17	6	165
	Enterovirus	55	48	36	30	635
	Influenza A	534	857	1,007	774	4,880
	Influenza B	162	253	236	200	1,488
	Parainfluenza	13	13	13	6	154
	RSV	454	428	367	233	4,452
	Negative	4,173	4,244	3,537	2,776	44,128
	Total	5,405	5,858	5,213	4,025	55,902

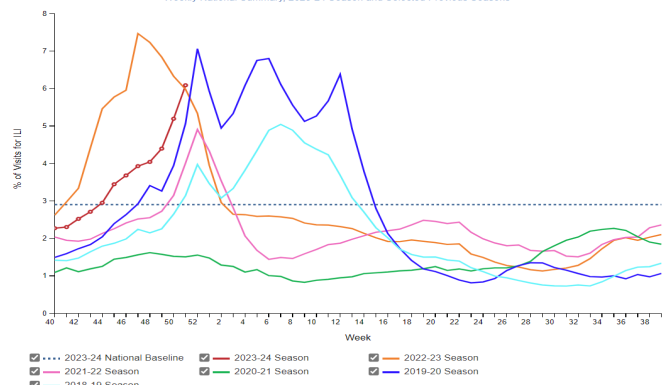
Of the 4,025 specimens tested during week 52, 31.0% (n=1,249) were positive for any type of respiratory illness. Influenza A accounted for 62.0% (n=774) of the positive results, RSV accounted for 18.7% (n=233), influenza B accounted for 16.0% (n=200), enterovirus accounted for 2.4% (n=30), and adenovirus and parainfluenza both accounted for 0.5% (n=6). Additionally, the reported number of specimens tested decreased by 22.8% from week 51 to week 52. Significantly more tests for influenza have been conducted this season compared to past seasons; 55,109 specimens have been tested for influenza A so far this season compared to the average of 34,255 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

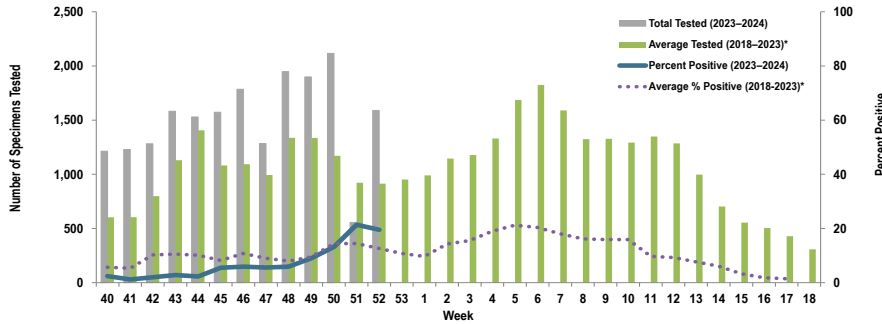


Nationwide in week 52, incident ILI activity was 6.9%; this is above the national baseline of 2.9%. Additionally, a total of 102,294 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 17,925 (17.5%) were positive. Influenza A accounted for 82.2% (n=14,732) of the total positive specimens.

Locations providing Week 52 laboratory data as of 3 January 2024: 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. 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.

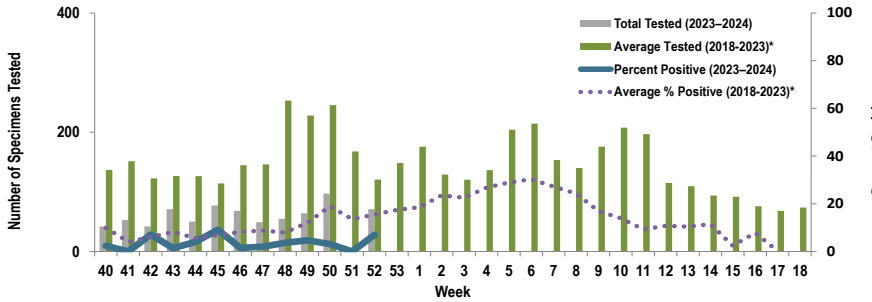
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



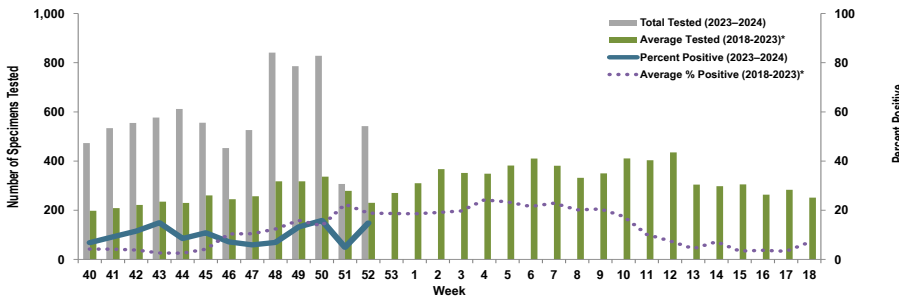
Week 52			
Age Group	AD	Non-AD	Season Total
< 18	0	93	682
18–29	20	15	244
30–39	25	27	250
40–49	14	29	211
50–59	5	37	132
60+	0	45	163
Total	64	246	1,682

Medical Readiness Command - Europe



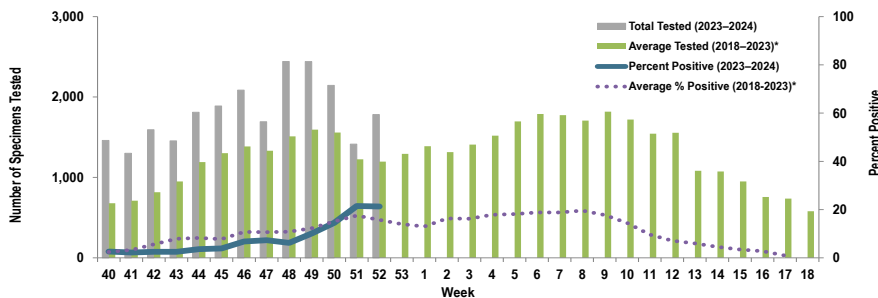
Week 52			
Age Group	AD	Non-AD	Season Total
< 18	0	0	7
18–29	0	1	8
30–39	1	0	7
40–49	2	0	8
50–59	0	0	2
60+	0	1	1
Total	3	2	33

Medical Readiness Command - Pacific



Week 52			
Age Group	AD	Non-AD	Season Total
< 18	0	12	244
18–29	24	8	294
30–39	11	3	155
40–49	5	3	68
50–59	0	4	30
60+	0	10	57
Total	40	40	848

Medical Readiness Command - West



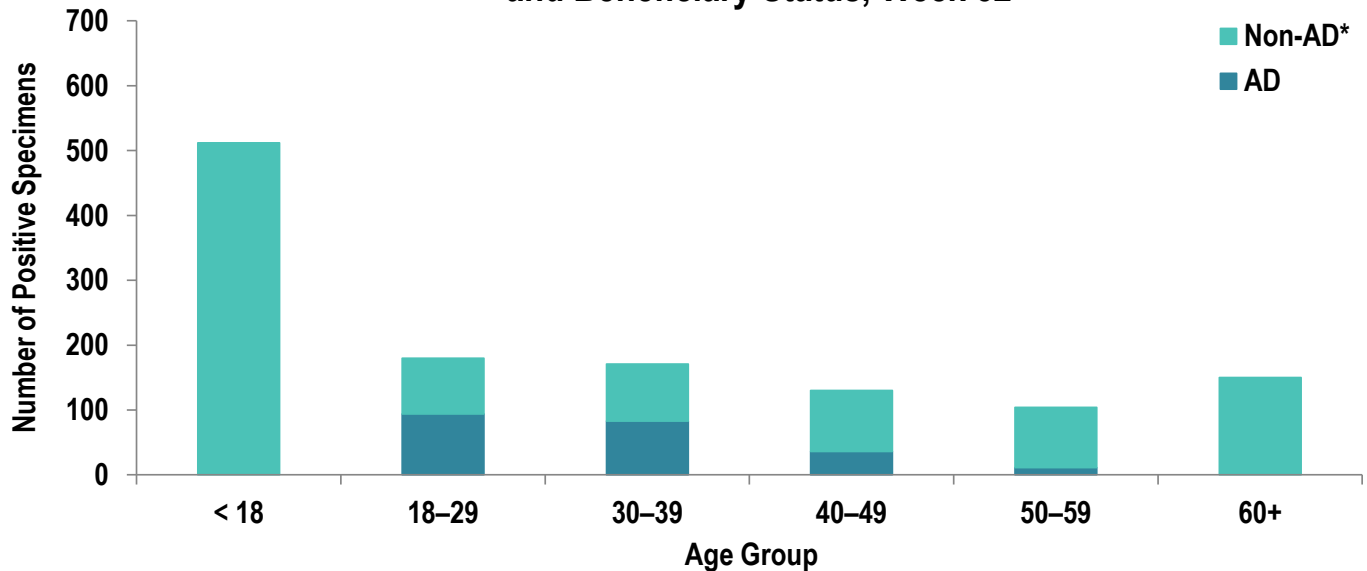
Week 52			
Age Group	AD	Non-AD	Season Total
< 18	0	138	1,014
18–29	16	34	380
30–39	25	27	344
40–49	7	38	239
50–59	4	38	153
60+	0	51	184
Total	52	326	2,314

*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.

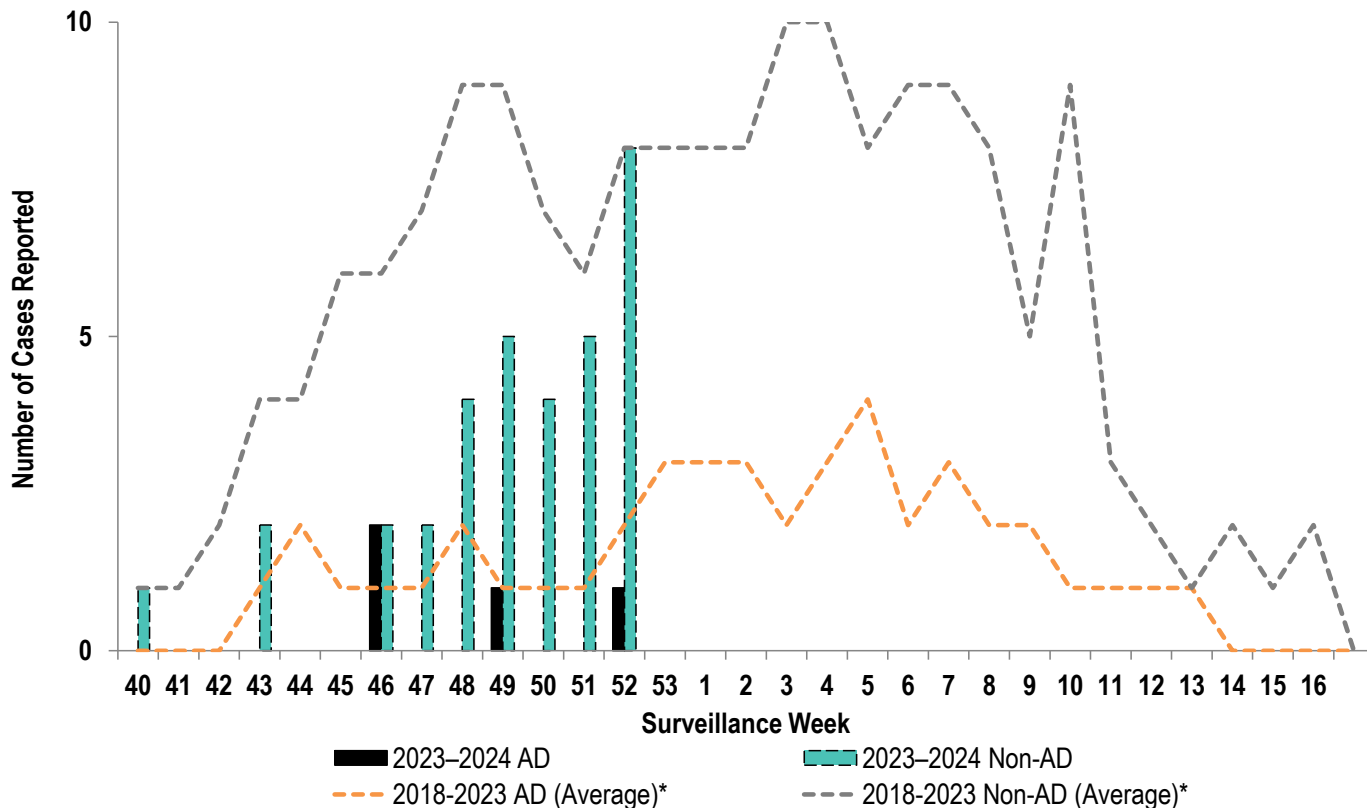
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 49		Week 50		Week 51		Week 52	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	29	141	44	244	74	311	64	246
MRC-Europe	0	3	2	1	1	3	3	2
MRC-Pacific	58	46	65	66	33	37	40	40
MRC-West	49	208	74	361	75	473	52	327

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 52

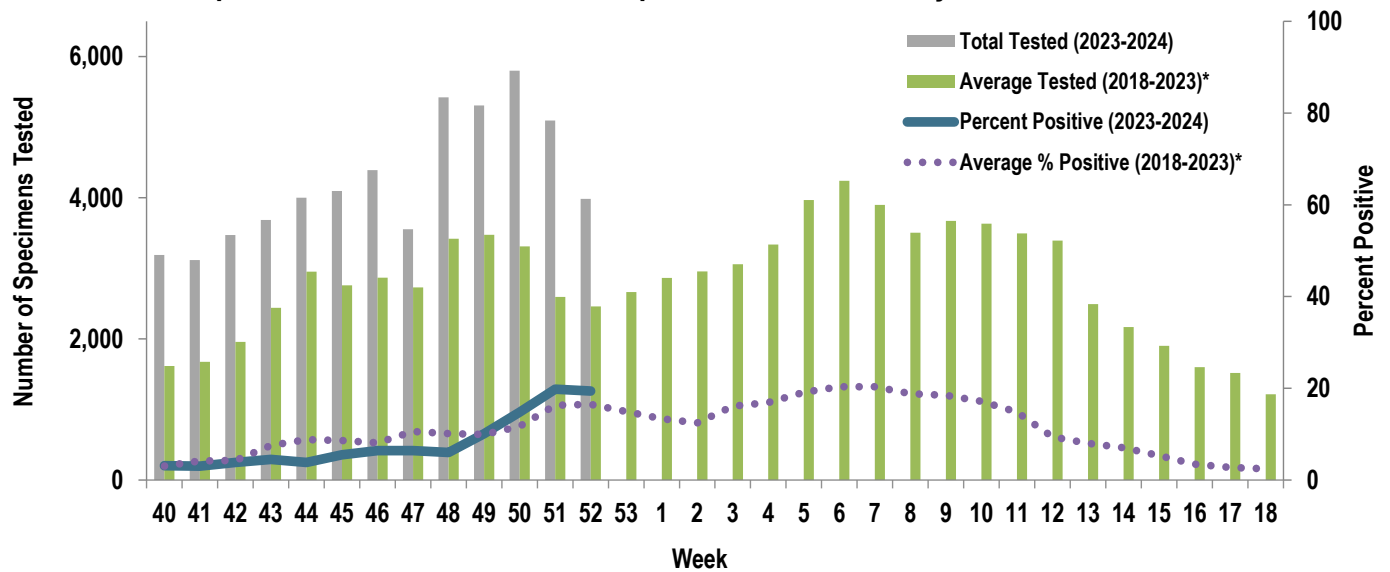


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



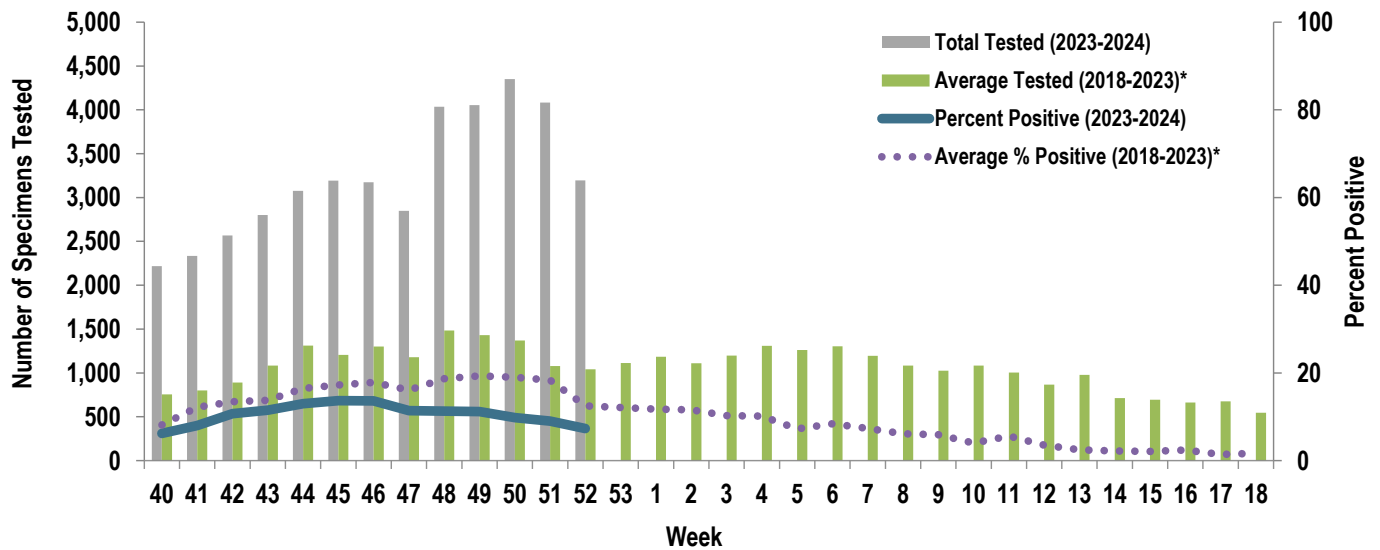
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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



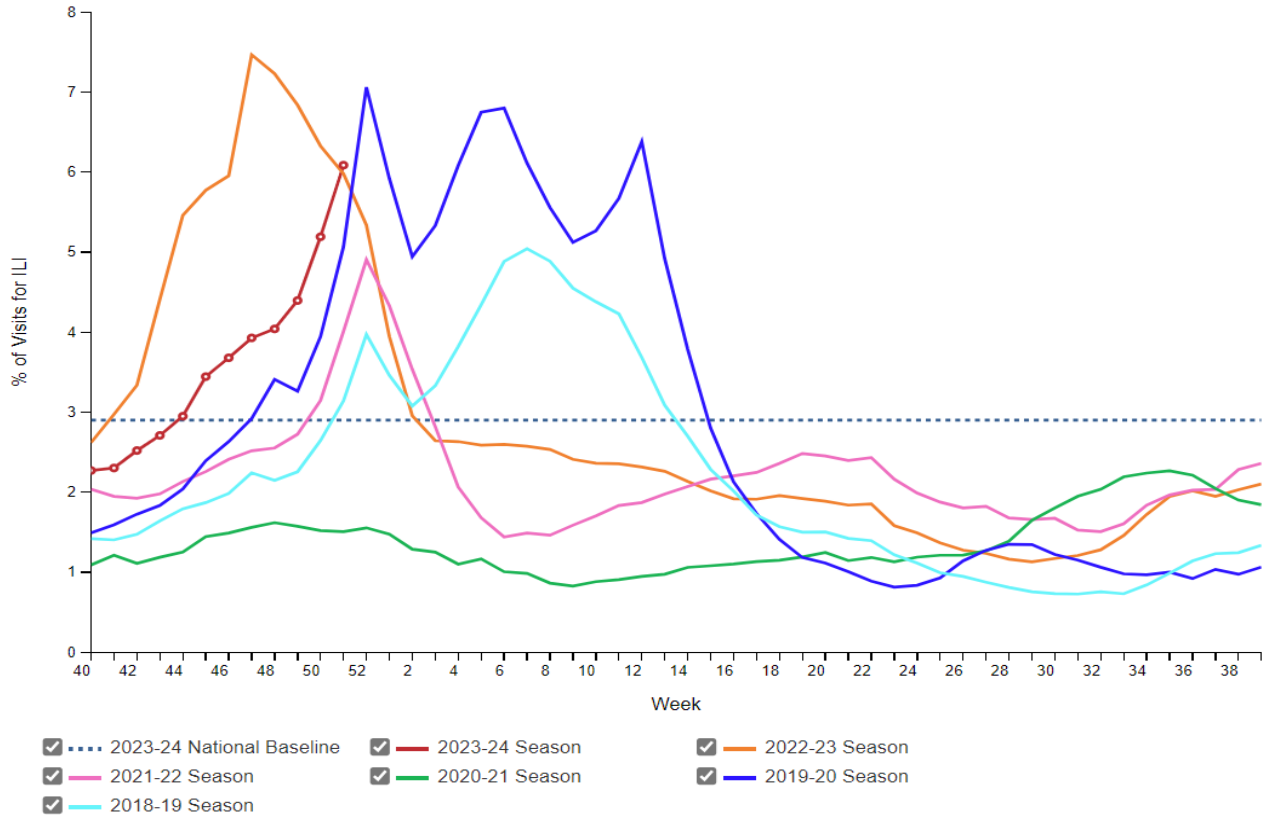
*2018–2019, 2019–2020, and 2022–2023 influenza seasons. Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

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

