DCPH–A
Defense Centers for Public Health – Aberdeen
(formerly U.S. Army Public Health Center)

Army Influenza Activity Report

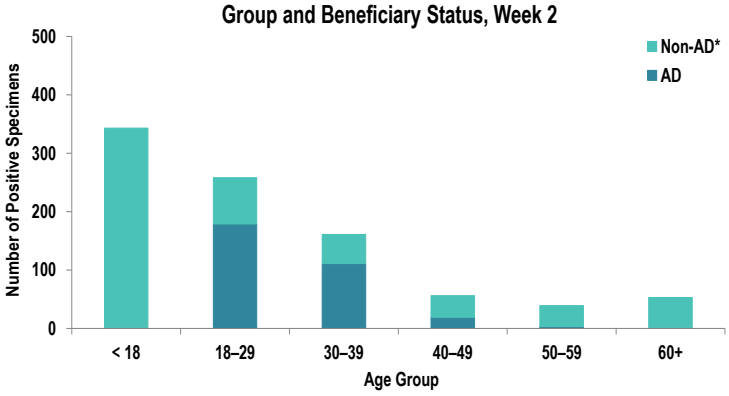
Week ending 20 January 2024 (Week 2)

SUMMARY

Influenza activity in the Army population slightly increased from Week 1 to Week 2. Five hundred and thirty-two positive influenza A specimens and one hundred and eighty-eight influenza B specimens were reported during Week 2. Additionally, six influenza-associated hospitalizations were reported during surveillance week 2. In contrast, RSV activity in the Army population continues to decrease. Nationwide, influenza activity remains elevated, with 14.2% 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 2



AD: Three hundred and twelve positive respiratory specimens were collected from active duty (AD) service members (SMs) during Week 2; 57.4% (n=179) of the positive specimens were collected from SMs 18 – 29 years of age.

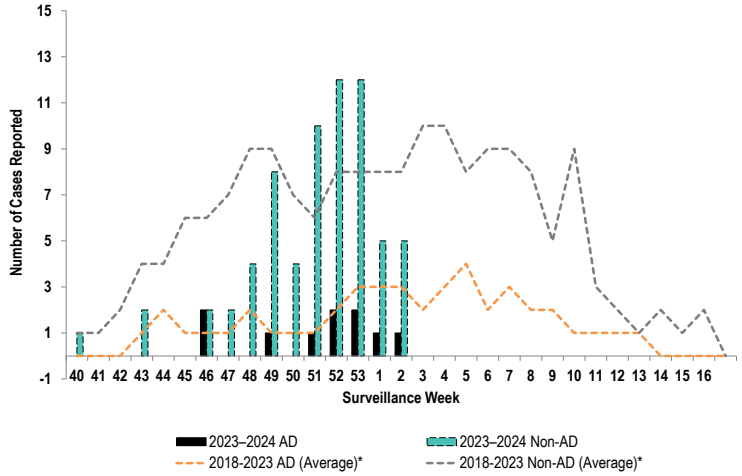
Non-AD: Five hundred and ninety-eight positive respiratory specimens were collected from non-AD individuals during Week 2; 57.4% (n=343) of the positive specimens were collected from individuals under 18 years of age and 8.9% from those 60 and older.

**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



Six influenza-associated hospitalizations with an onset date in Week 2 were reported to the Disease Reporting System internet (DRSi). The season total thus far is 77 hospitalizations. The Week 2 average during the 2018 – 2023 seasons was 10 hospitalizations (with an average of 103 hospitalizations reported from the start of the season through Week 2).

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.

Questions?
Email DCPH-A DEP

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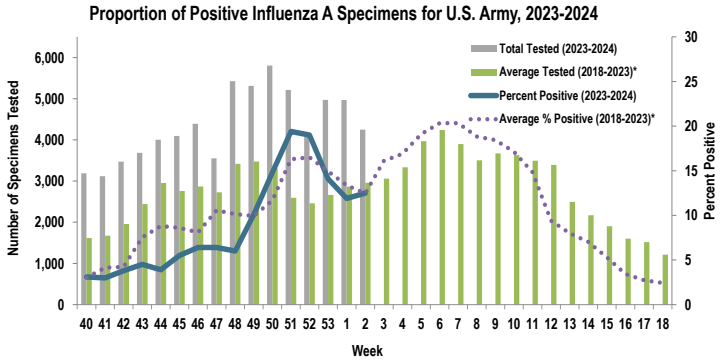
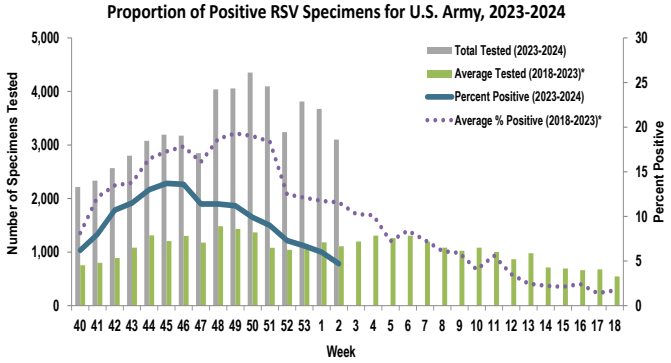
INFLUENZA A ACTIVITY - ARMY



Of the 4,249 specimens tested for influenza A during Week 2, 12.5% (n=532) were positive. This was an increase of less than 1 percentage-point since Week 1.

RSV ACTIVITY - ARMY



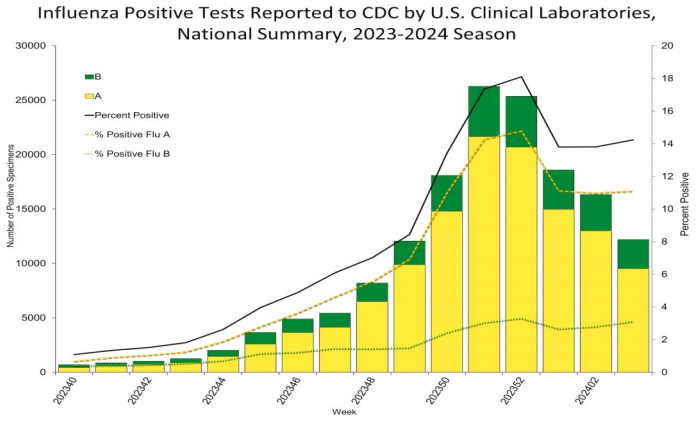
Of the 3,102 specimens tested for RSV during Week 2, 4.7% (n=146) were positive. This was a decrease of approximately 2 percentage-points since Week 1.

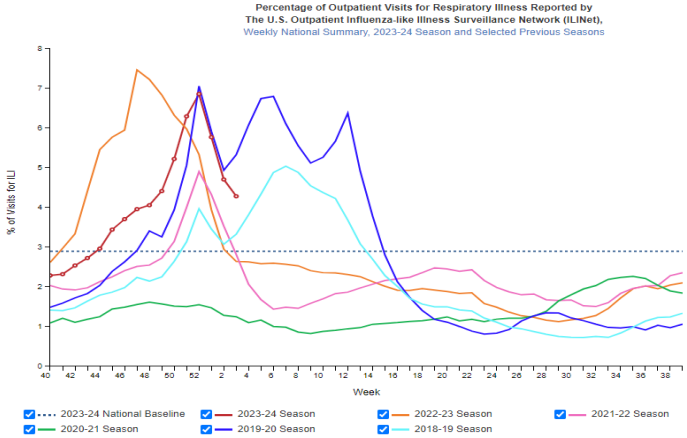
*Data from the 2020–2021 and 2021–2022 influenza seasons are not included in comparison calculations due to the unusually low incidence of influenza.

		Week 52	Week 53	Week 1	Week 2	Season Total
Army MTF Laboratory Results, 2023-24	Adenovirus	6	9	17	12	203
	Enterovirus	30	34	38	25	732
	Influenza A	785	701	590	532	6,721
	Influenza B	209	215	184	188	2,089
	Parainfluenza	6	4	16	8	182
	RSV	236	254	221	146	5,084
	Negative	2,909	3,790	3,955	3,386	55,505
	Total	**4,181**	**5,007**	**5,021**	**4,297**	**70,516**

Of the 4,297 specimens tested during Week 2, 21.2% (n=911) were positive for any type of respiratory illness. Influenza A accounted for 58.4% (n=532) of the positive results, influenza B accounted for 20.6% (n=188), RSV accounted for 16.0% (n=146), enterovirus accounted for 2.7% (n=25), adenovirus accounted for 1.3% (n=12) and parainfluenza accounted for 0.9% (n=8). Additionally, the reported number of specimens tested decreased 14.4% from Week 1 to Week 2. Significantly more tests for influenza have been conducted this season compared to past seasons; 69,583 specimens have been tested for influenza A so far this season compared to the average of 42,738 specimens during the same time period in 2018-2023*.

INFLUENZA-LIKE ILLNESS (ILI) ACTIVITY - UNITED STATES



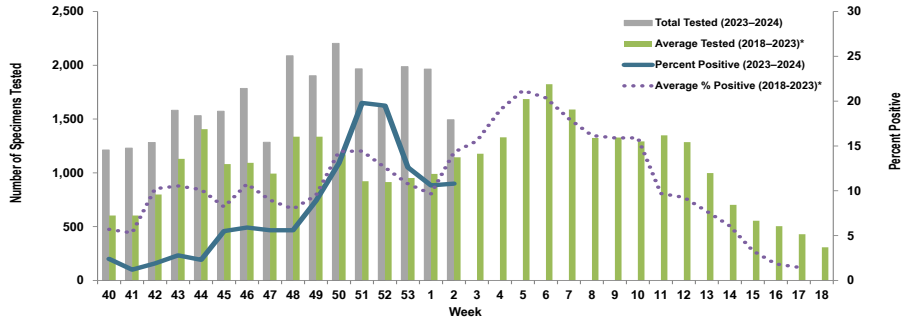


Nationwide in Week 2, incident ILI activity was 4.3%; this is above the national baseline of 2.9%. Additionally, a total of 85,664 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 12,194 (14.2%) were positive. Influenza A accounted for 78.0% (n=9,509) of the total positive specimens.

Locations providing Week 2 laboratory data as of 24 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. 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, Tripler Army Medical Center, the U.S. Military Academy at West Point, and Walter Reed National Military Medical Center.

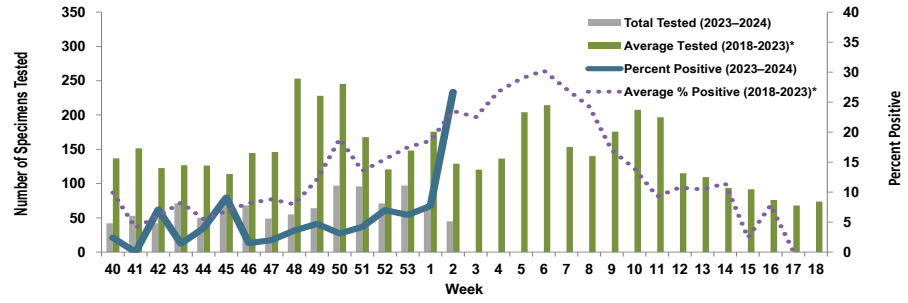
Proportion of Influenza A Positive Specimens by Week and Medical Readiness Command, 2023–2024 as Compared to 2018–2023*

Medical Readiness Command - East



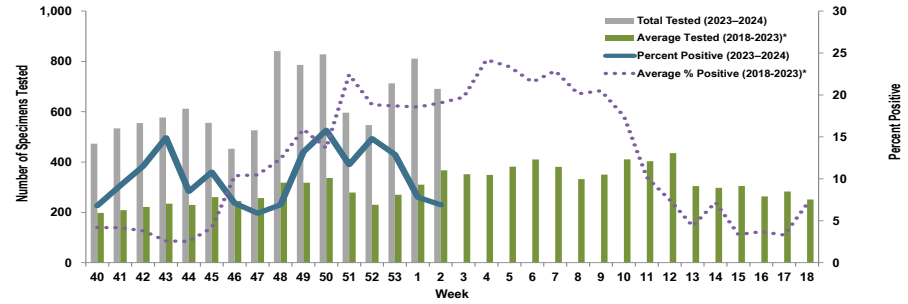
Week 2			
Age Group	AD	Non-AD	Season Total
< 18	0	69	**806**
18–29	36	24	**348**
30–39	15	13	**335**
40–49	10	6	**263**
50–59	3	16	**185**
60+	0	17	**216**
Total	**64**	**145**	**2,153**

Medical Readiness Command - Europe (Landstuhl Regional Medical Center)



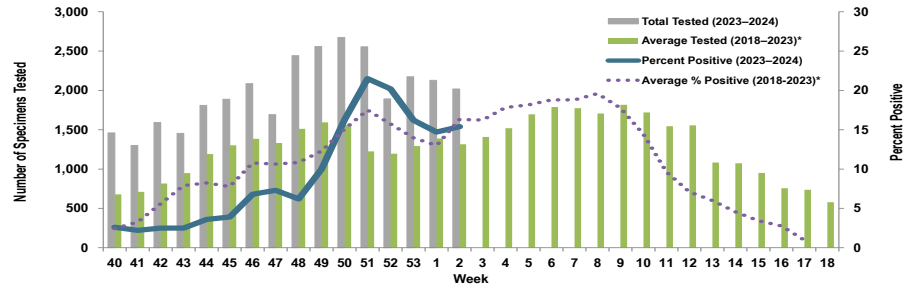
Week 2			
Age Group	AD	Non-AD	Season Total
< 18	0	4	**13**
18–29	1	0	**11**
30–39	0	0	**7**
40–49	0	0	**9**
50–59	0	0	**3**
60+	0	0	**1**
Total	**1**	**4**	**44**

Medical Readiness Command - Pacific



Week 2			
Age Group	AD	Non-AD	Season Total
< 18	0	14	**273**
18–29	15	3	**352**
30–39	13	4	**193**
40–49	4	3	**80**
50–59	0	1	**34**
60+	0	6	**72**
Total	**32**	**31**	**1,004**

Medical Readiness Command - West



Week 2			
Age Group	AD	Non-AD	Season Total
< 18	0	82	**1,192**
18–29	78	26	**561**
30–39	34	12	**442**
40–49	9	17	**310**
50–59	2	26	**218**
60+	0	27	**262**
Total	**123**	**190**	**2,985**

**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 52		Week 53		Week 1		Week 2	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
MRC-East	64	253	82	168	64	145	58	103
MRC-Europe	3	2	2	4	1	4	4	8
MRC-Pacific	41	40	57	35	32	31	24	24
MRC-West	54	328	87	266	123	190	107	204

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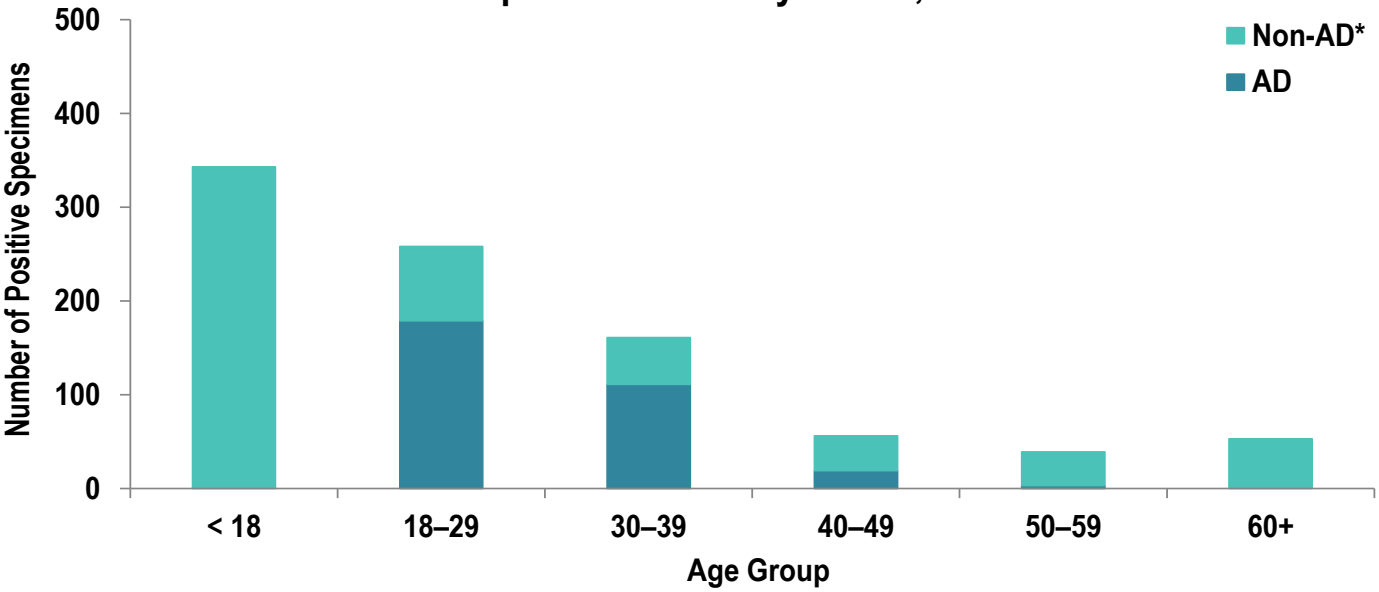
Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 2



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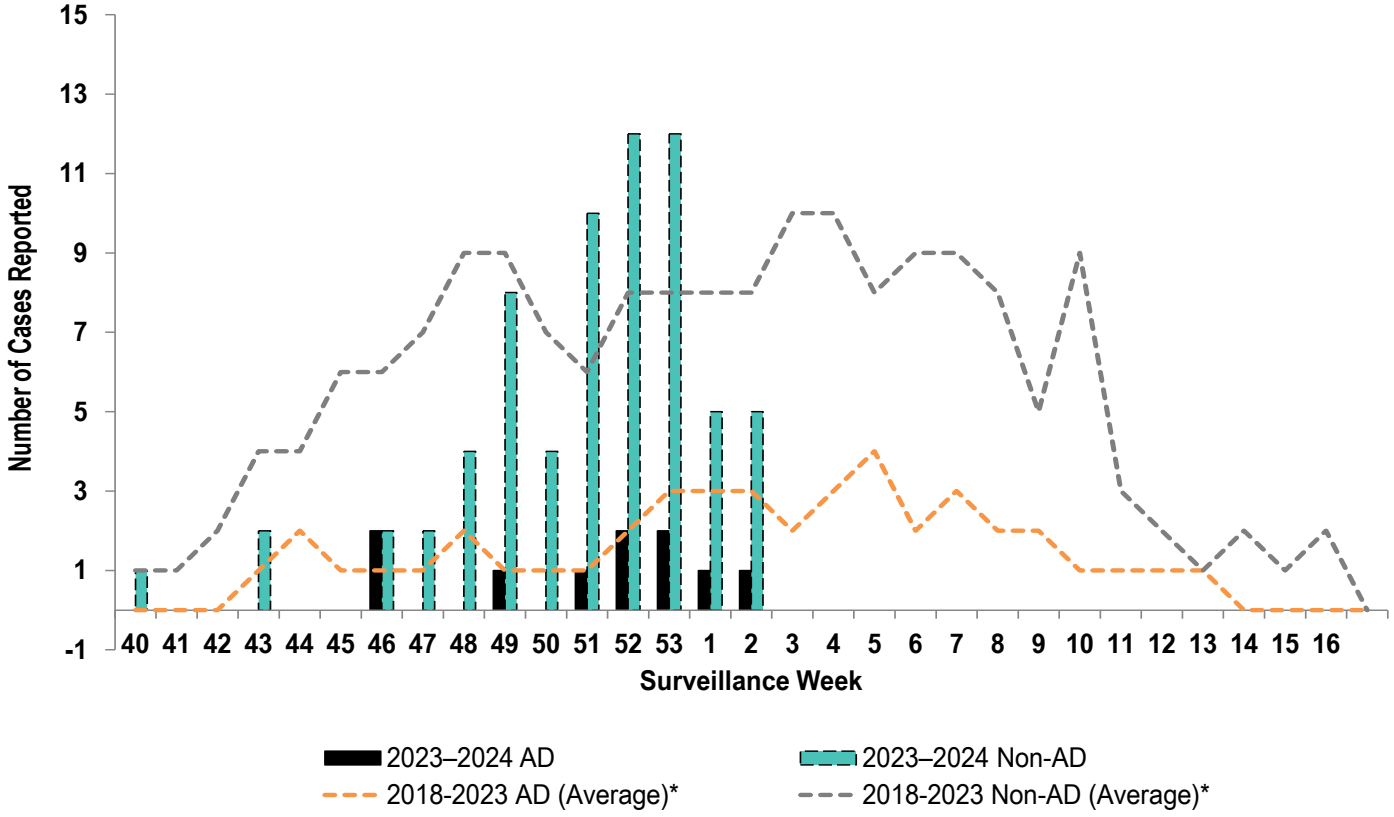
Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



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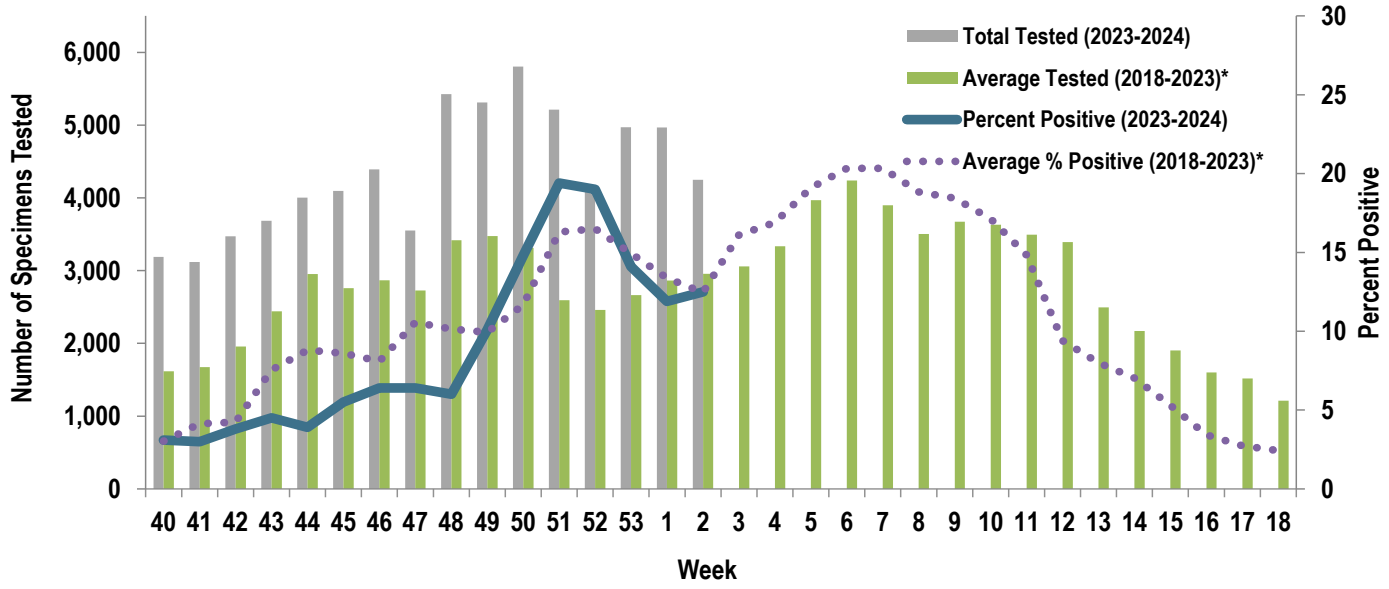
Proportion of Positive Influenza A Specimens for U.S. Army, 2023-2024



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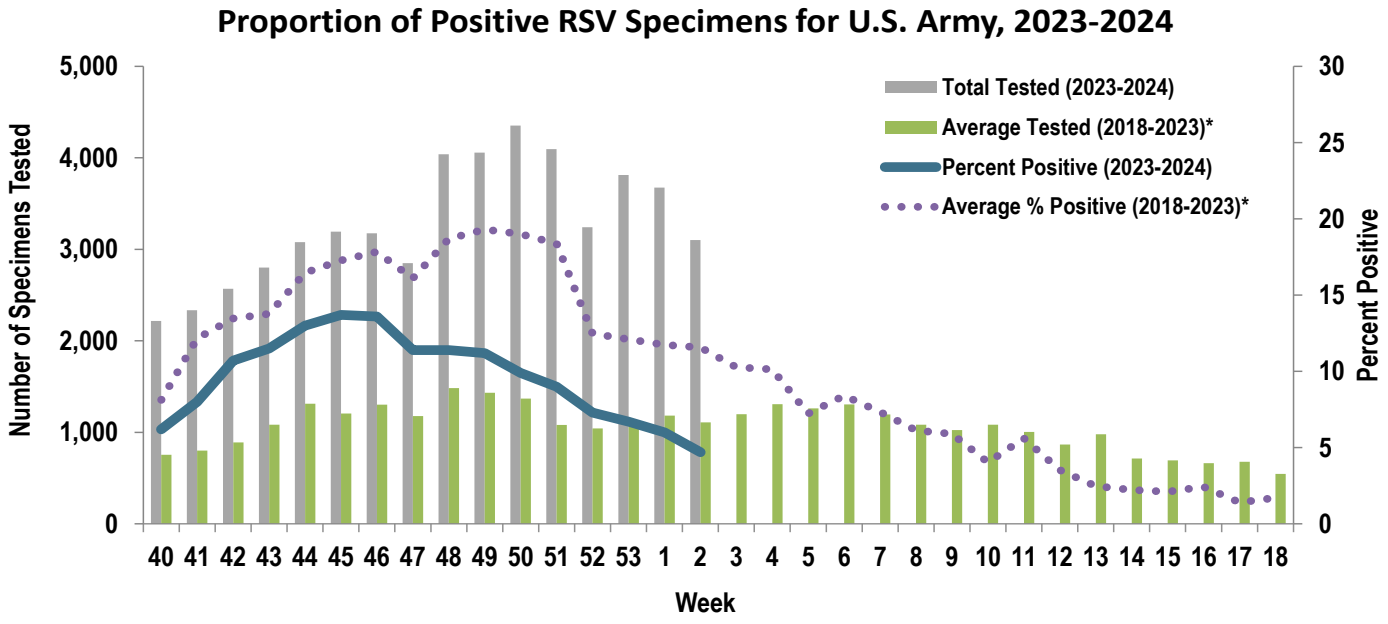

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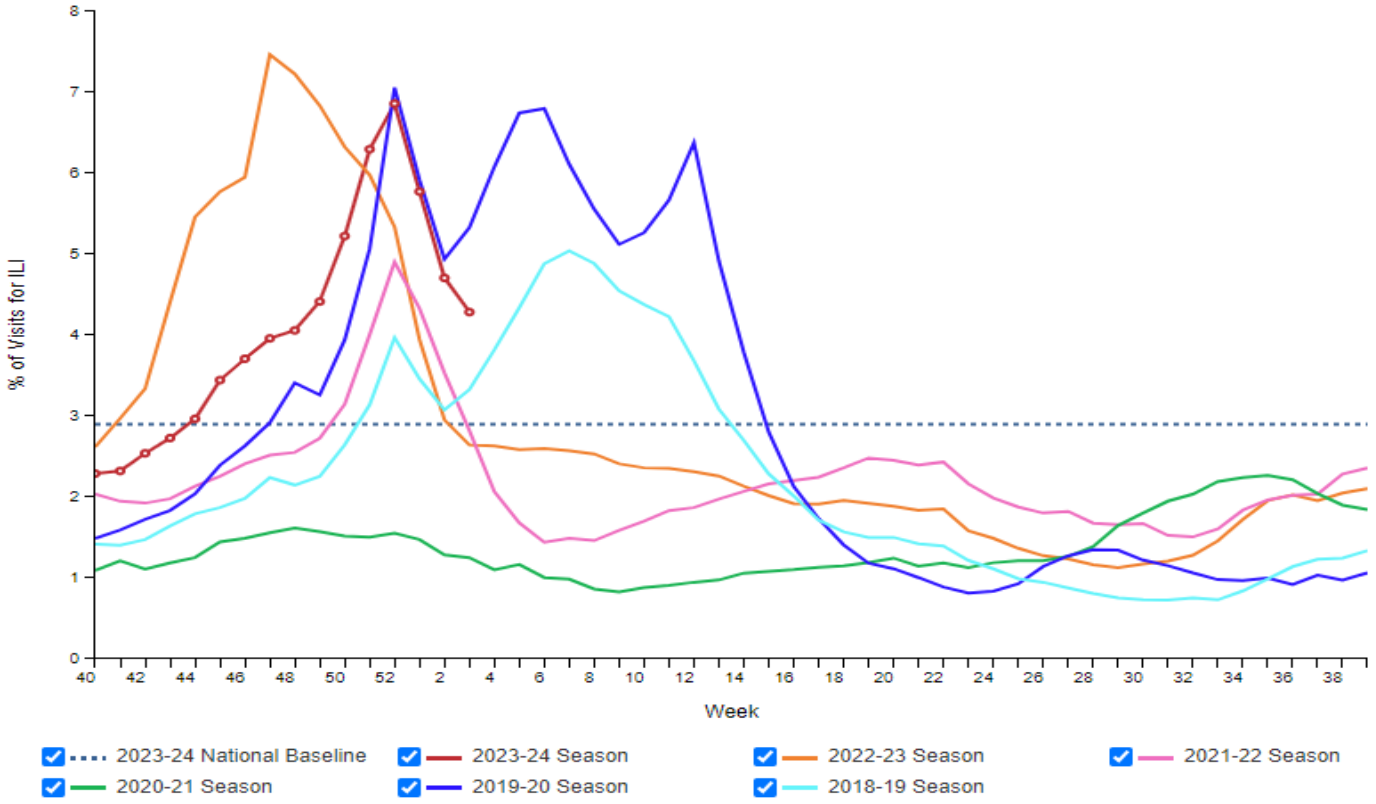
Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),
Weekly National Summary, 2023-24 Season and Selected Previous Seasons



Source: Centers for Disease Control and Prevention (CDC)

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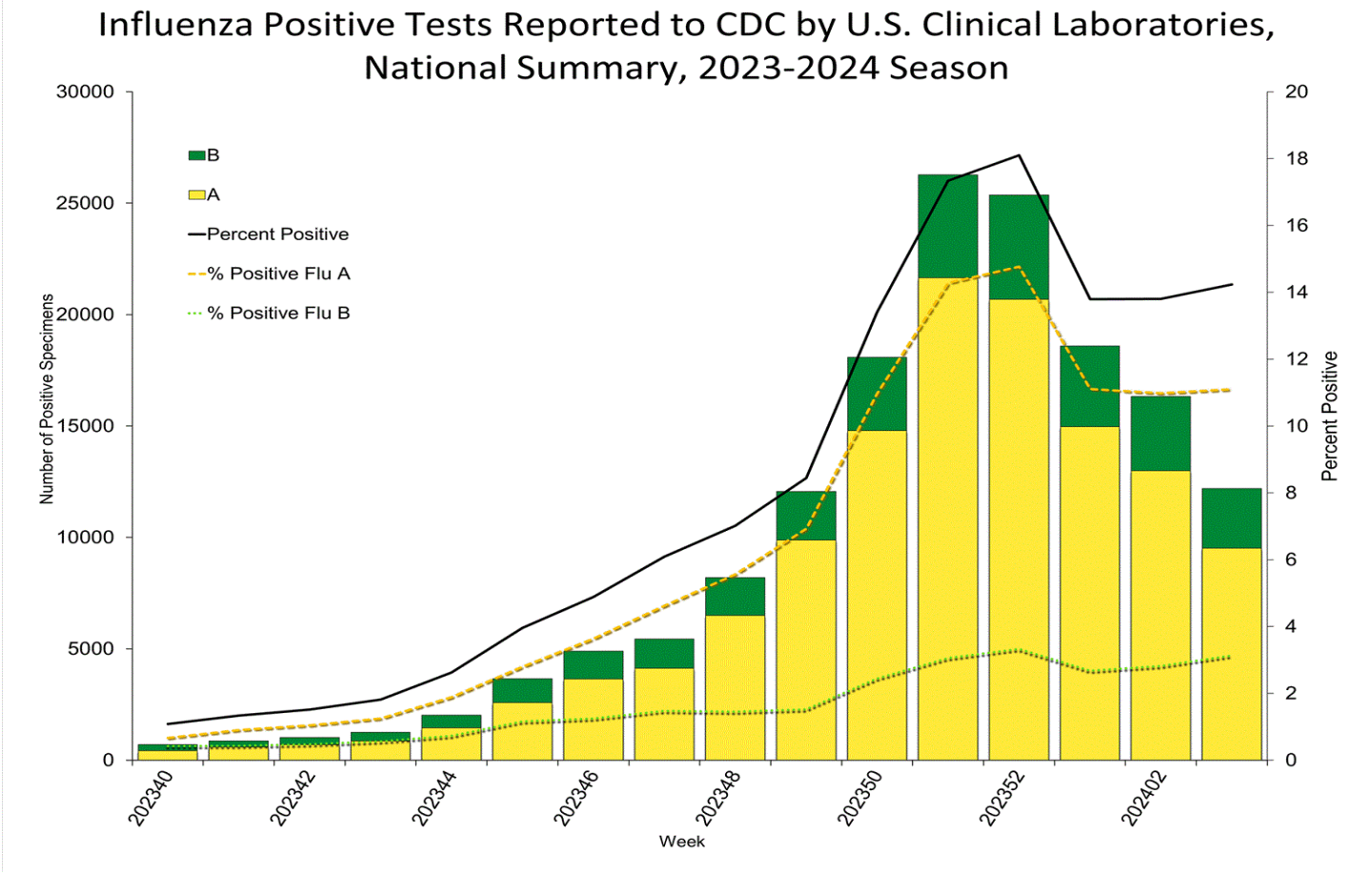

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