

DHA Public Health Army Influenza Activity Report

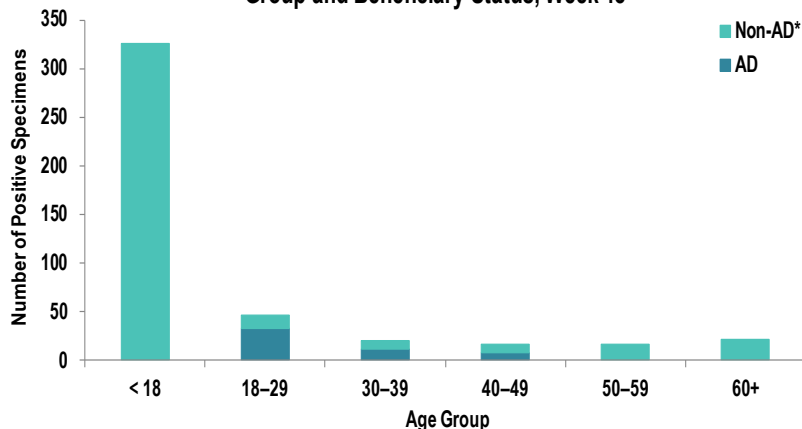
Week ending 30 November 2024 (Week 48)

SUMMARY

Influenza activity remains low in the Army population. Respiratory syncytial virus (RSV) activity, however, is increasing – 11.2% of specimens tested positive for RSV during Week 48 compared to 7.7% during Week 47. One influenza-associated hospitalization was reported during Week 48 and the current season total is 9 hospitalizations. Nationwide, influenza activity continues to increase, with 3.5% of specimens tested by clinical laboratories being positive for influenza A or B, according to the Centers for Disease Control and Prevention (CDC). Influenza vaccines aid in preventing the flu. They are available at medical treatment facilities for military beneficiaries, and at some community pharmacies and grocery stores.

DEMOGRAPHICS

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



AD: Fifty-three positive respiratory specimens were collected from AD SMs during Week 48; 62.3% (n=33) of the positive specimens were collected from SMs 18 – 29 years of age.

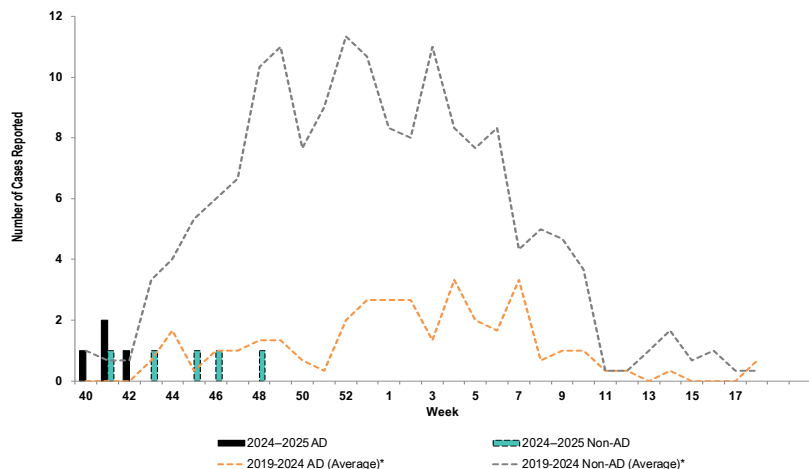
Non-AD: Three hundred and ninety-six positive respiratory specimens were collected from non-AD individuals during Week 48; 82.3% (n=326) of the positive specimens were collected from individuals under 18 years of age.

**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



One influenza-associated hospitalization with an onset date in Week 48 was reported to the Disease Reporting System internet (DRSi). The current season total is nine hospitalizations. The Week 48 average during the 2019 – 2024* seasons was 12 hospitalizations (with an average of 44 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.

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Questions?
Email DCPH-A-DEP

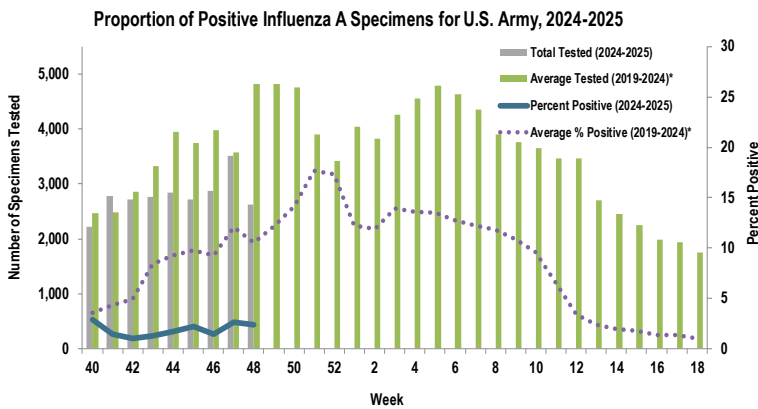
RESPIRATORY SPECIMEN TESTING

		Week 45	Week 46	Week 47	Week 48	Season Total
Army MTF Laboratory Results, 2024-25	Adenovirus	16	24	23	16	146
	Enterovirus	136	127	140	98	957
	Influenza A	59	41	92	64	471
	Influenza B	11	20	18	17	142
	Parainfluenza	14	26	17	26	143
	RSV	114	163	210	228	1011
	Negative	2400	2516	3043	2210	22444
	Total	2750	2917	3543	2659	25314

Of the 2,659 specimens tested during Week 48, 16.9% (n=449) were positive for any type of respiratory illness. RSV accounted for 50.8% (n=228) of the positive results, enterovirus accounted for 21.8.2% (n=98), influenza A accounted for 14.3% (n=64), parainfluenza accounted for 5.8% (n=26), influenza B accounted for 3.8% (n=17), and adenovirus accounted for 3.6% (n=16).

Additionally, the reported number of specimens tested decreased 25.0% from Week 47 to Week 48. Fewer tests for influenza have been conducted this season compared to past seasons; 25,051 specimens have been tested for influenza A so far this season compared to the average of 31,217 specimens during the same time period in 2019-2024*.

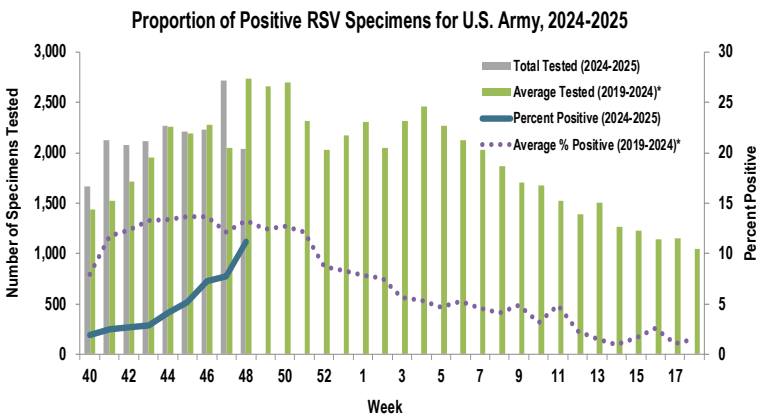
INFLUENZA ACTIVITY



Influenza activity is low in all regions. However, activity is increasing in Public Health Command (PHC), Pacific and PHC, West.

Of the 2,619 specimens tested for influenza A during Week 48, 2.4% (n=64) were positive. Twenty-six of the positive specimens were collected from individuals under the age of 18 and half of all positive specimens (n=32) were from PHC, West during Week 48. Activity remained unchanged since Week 47.

RESPIRATORY SYNCYTIAL VIRUS (RSV) ACTIVITY



RSV activity is increasing in all regions except for PHC, Europe.

Of the 2,035 specimens tested for RSV during Week 48, 11.2% (n=228) were positive. Over 80% of the positive specimens (n=186) were collected from individuals under the age of 18. Additionally, PHC, East had the highest RSV activity, with 14.7% (n=107) of specimens testing positive for RSV.

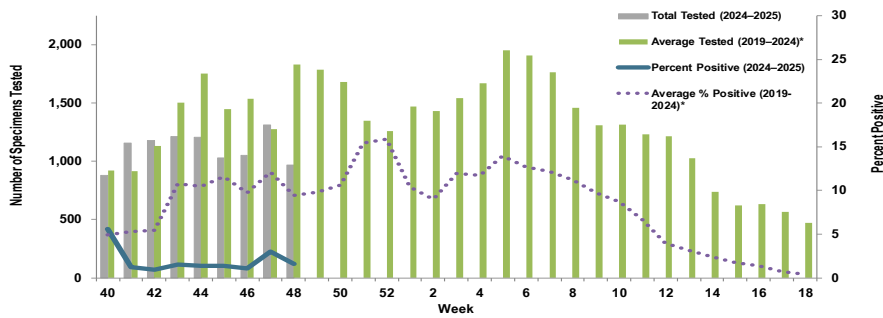
*Data from the 2020-2021 and 2021-2022 influenza seasons are not included due to unusually low incidence of influenza.

INFLUENZA ACTIVITY - UNITED STATES

The Centers for Disease Control and Prevention publishes weekly influenza surveillance reports. Please visit the site for national trends. Data are updated on Fridays: <https://www.cdc.gov/fluview/>.

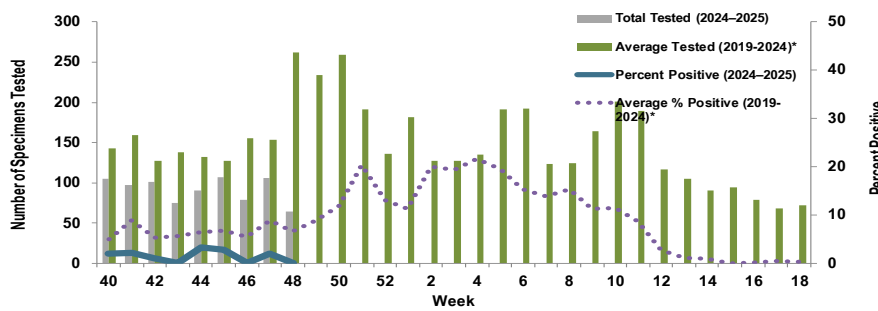
PROPORTION OF INFLUENZA A POSITIVE SPECIMENS BY REGION, 2018—2024*

PHC, East



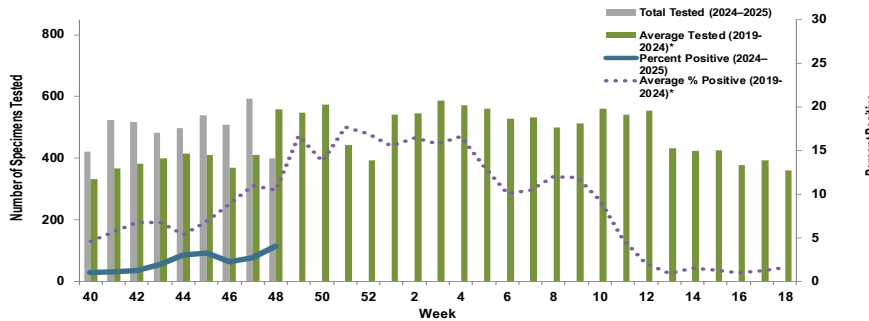
Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	7	50
18–29	0	3	88
30–39	0	1	15
40–49	1	1	19
50–59	0	2	7
60+	0	1	12
Total	1	15	191

PHC, Europe (Landstuhl Regional Medical Center)



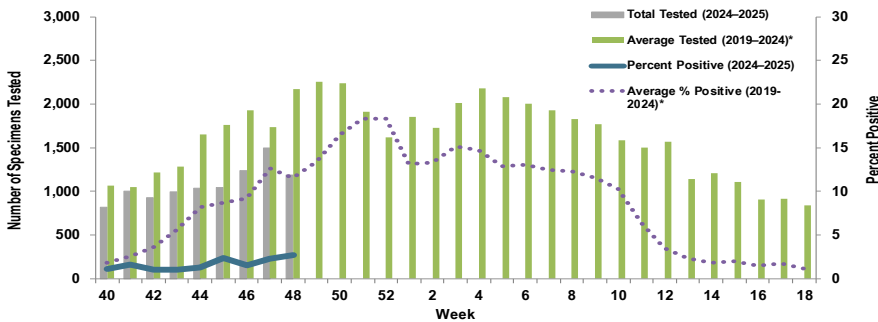
Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	0	3
18–29	0	0	3
30–39	0	0	2
40–49	0	0	4
50–59	0	0	0
60+	0	0	1
Total	0	0	13

PHC, Pacific



Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	7	37
18–29	3	1	22
30–39	2	1	20
40–49	0	1	8
50–59	0	0	6
60+	0	1	7
Total	5	11	100

PHC, West

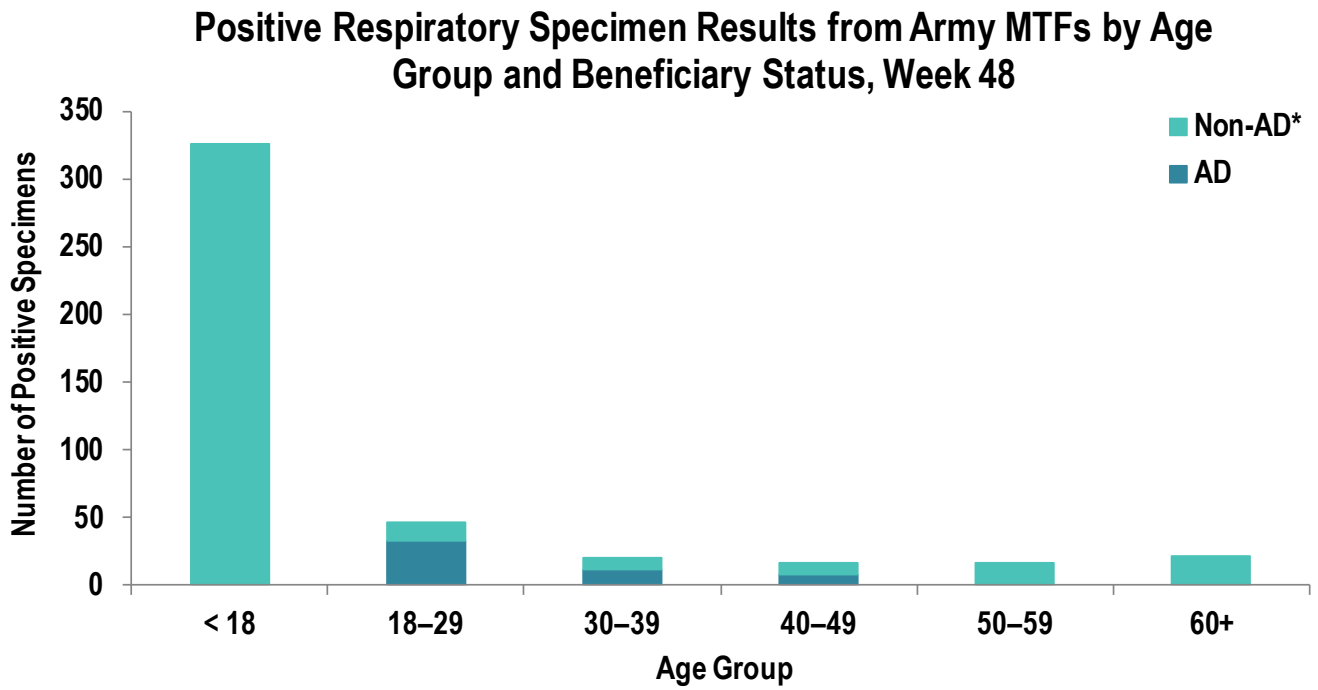


Week 48			
Age Group	AD	Non-AD	Season Total
< 18	0	12	61
18–29	4	2	37
30–39	2	3	26
40–49	1	3	22
50–59	0	3	12
60+	0	2	9
Total	7	25	167

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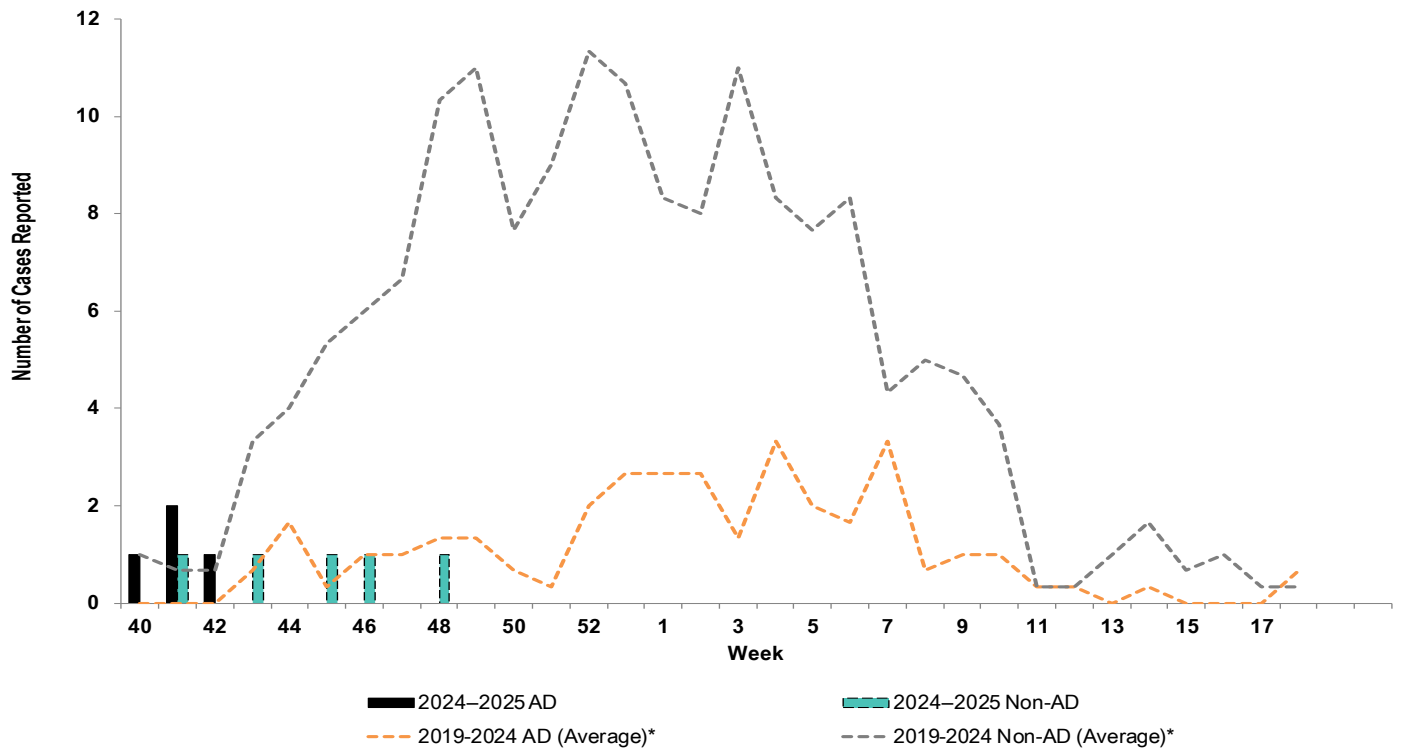
Number of Positive Influenza A Specimens by Region and Duty Status

Region	Week 45		Week 46		Week 47		Week 48	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
East	4	10	4	8	14	26	1	15
Europe	0	3	0	0	2	0	0	0
Pacific	10	7	2	9	7	9	5	11
West	7	18	6	12	10	24	7	25



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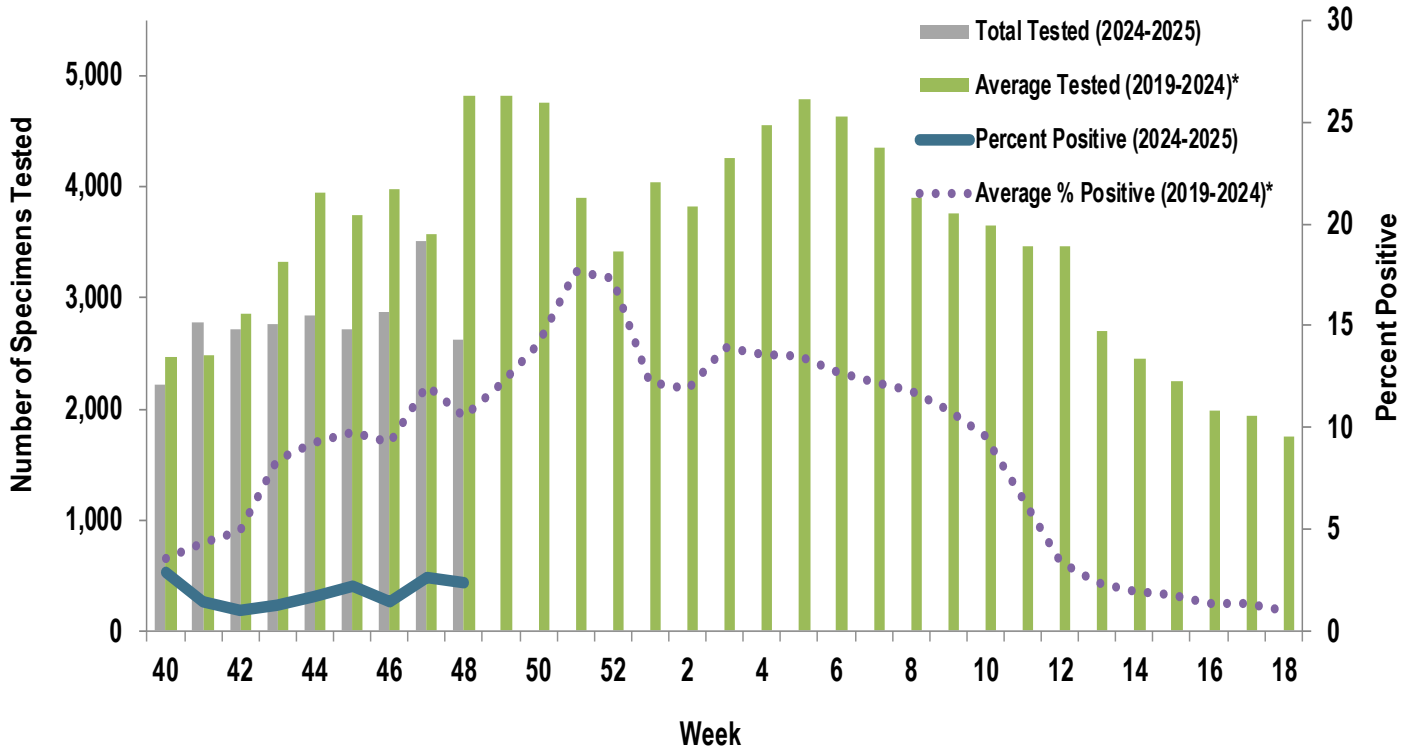
Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



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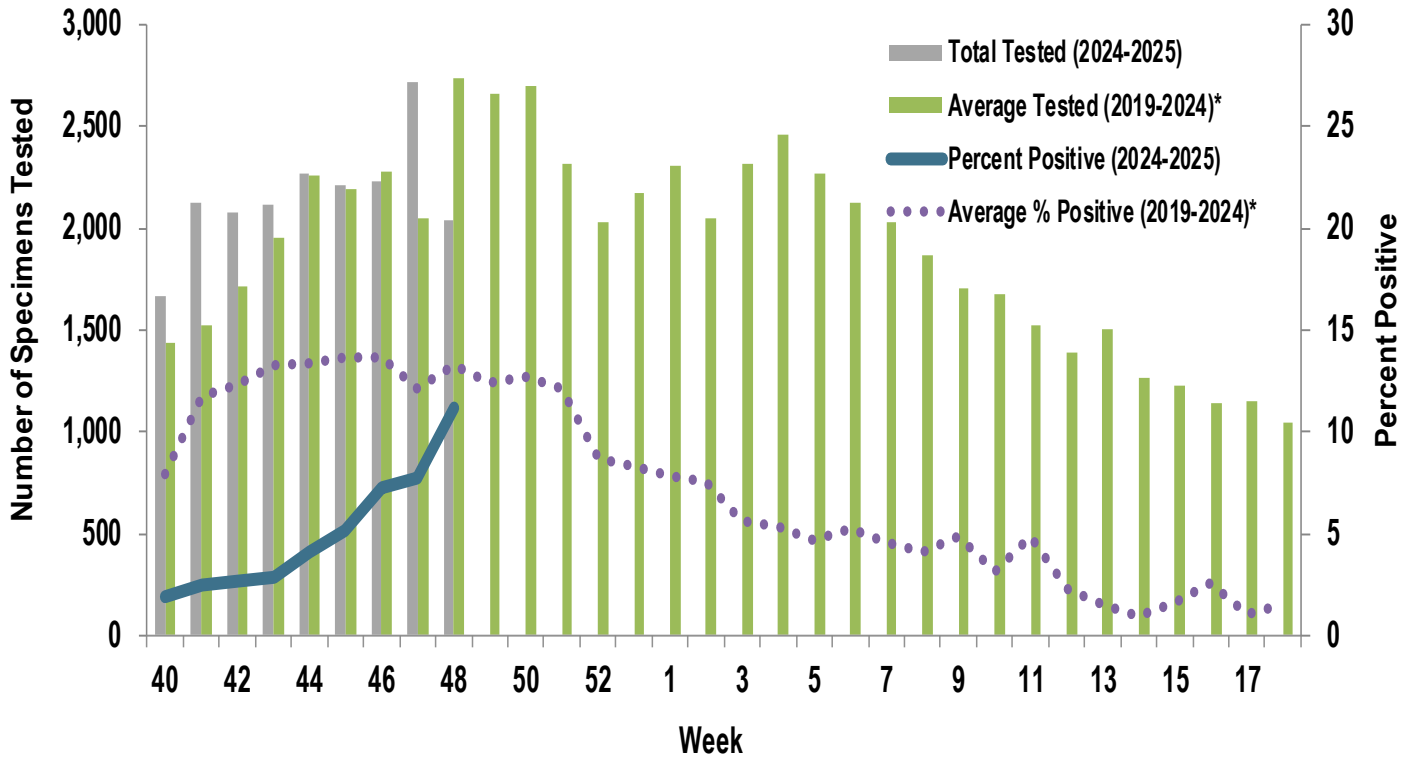
Proportion of Positive Influenza A Specimens for U.S. Army, 2024-2025



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

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Proportion of Positive RSV Specimens for U.S. Army, 2024-2025



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