

U.S. Army Public Health Center

# Army Influenza Activity Report

Week ending 24 April 2021 (Week 16)

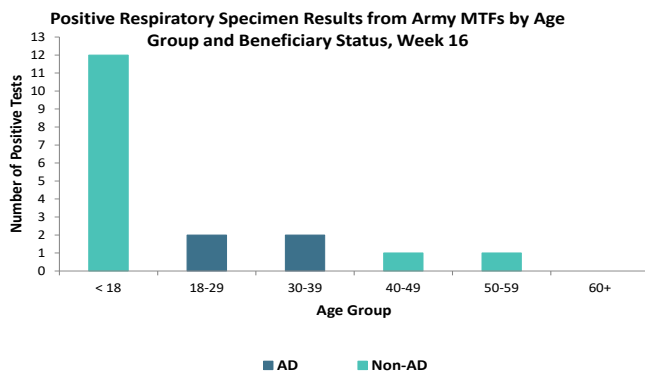
## SUMMARY

Influenza activity remains low in the Army population. Three positive influenza A specimens and two positive influenza B specimens were reported during surveillance week 16. No hospitalizations were reported in week 16; the season total thus far is four compared to 250 influenza-associated hospitalizations reported as of this time last season. Sixty-seven percent of specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 16. Nationwide, influenza activity is low with 0.1% of specimens tested by clinical laboratories being positive for influenza A or B.

## GEOGRAPHIC SPREAD

Data on the geographical spread of influenza is unavailable this season due to the COVID-19 pandemic. For information from previous seasons and additional information about nationwide influenza surveillance, please visit the Centers for Disease Control and Prevention's website by clicking [here](#).

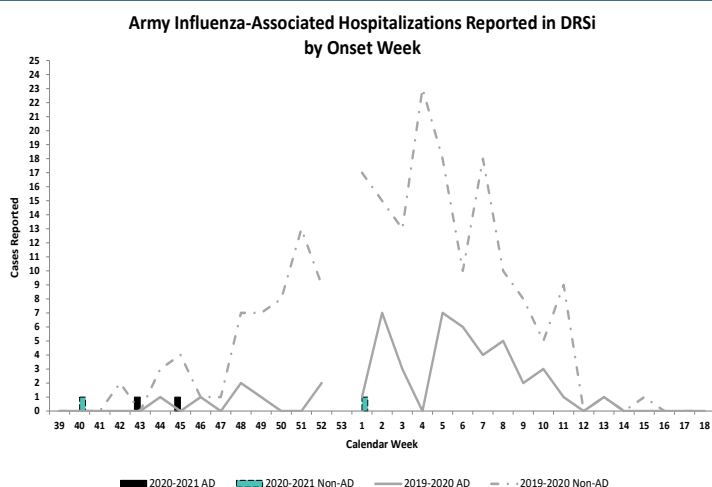
## DEMOGRAPHICS



**AD:** Four positive respiratory specimens were collected from active duty (AD) Service members during week 16; the 18-29 and 30-39 age groups each accounted for 50% (n=2) of the positive specimens.

**Non-AD:** Fourteen positive respiratory specimens were collected from non-AD individuals during week 16; 86% (n=12) of the positive specimens were collected from individuals under 18 years of age.

## INFLUENZA-ASSOCIATED HOSPITALIZATIONS

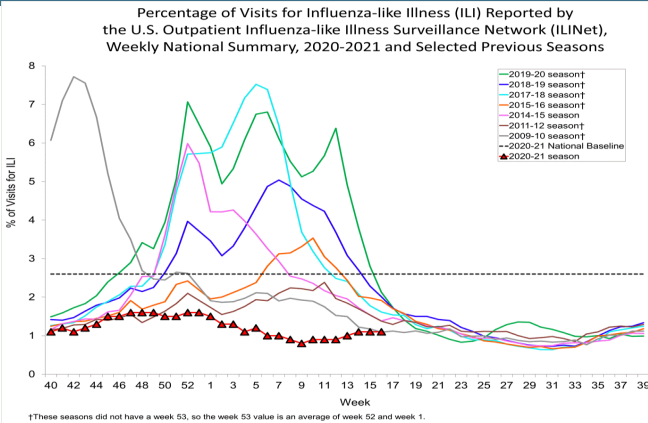


No influenza-associated hospitalizations with onset dates in week 16 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, no hospitalizations were reported in week 16 (with 250 hospitalizations reported from start of the season through week 16).

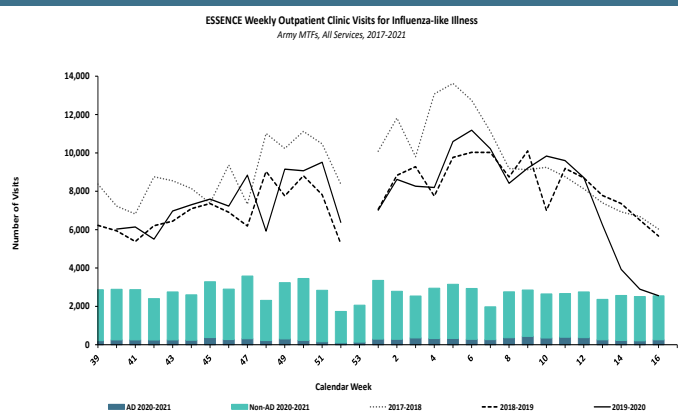
\*DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

Questions?  
[Email APHC DEP](mailto:APHC_DEP)

## ILI ACTIVITY - UNITED STATES

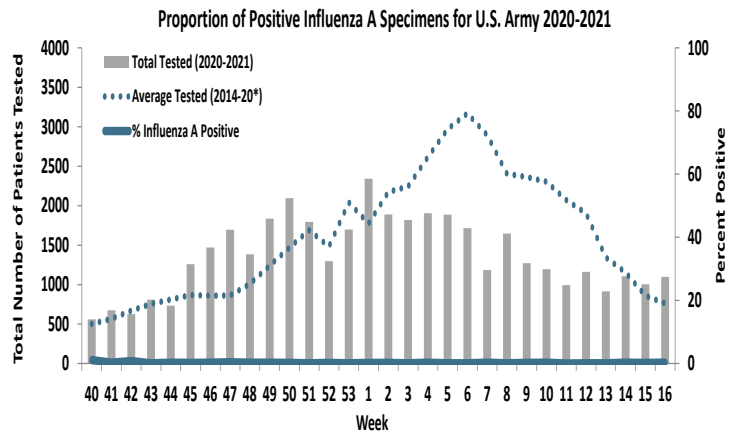
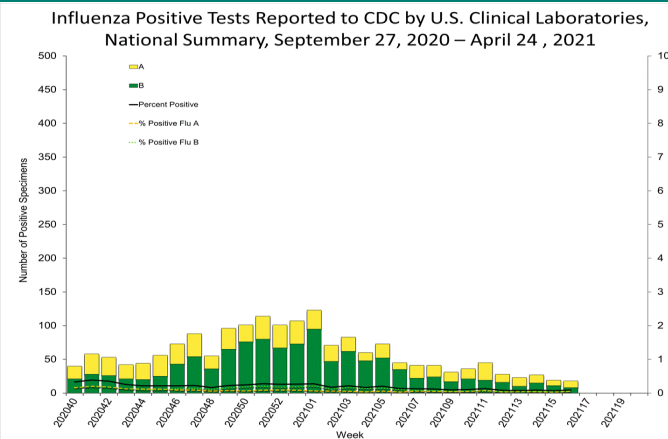


## ILI ACTIVITY - ARMY



Nationwide in week 16, incident ILI activity was 1.1%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity increased by 1.6% from week 15 to week 16. The majority of ILI encounters (90%) occurred among non-AD patients in week 16.

## LABORATORY RESPIRATORY SPECIMEN TESTING



Nationwide during week 16, a total of 19,651 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 18 (0.1%) were positive. Influenza A accounted for 55.6% (n=10) of the total positive specimens. In the Army population, 3 (0.3%) of the 1,099 specimens tested for influenza A were positive in week 16.

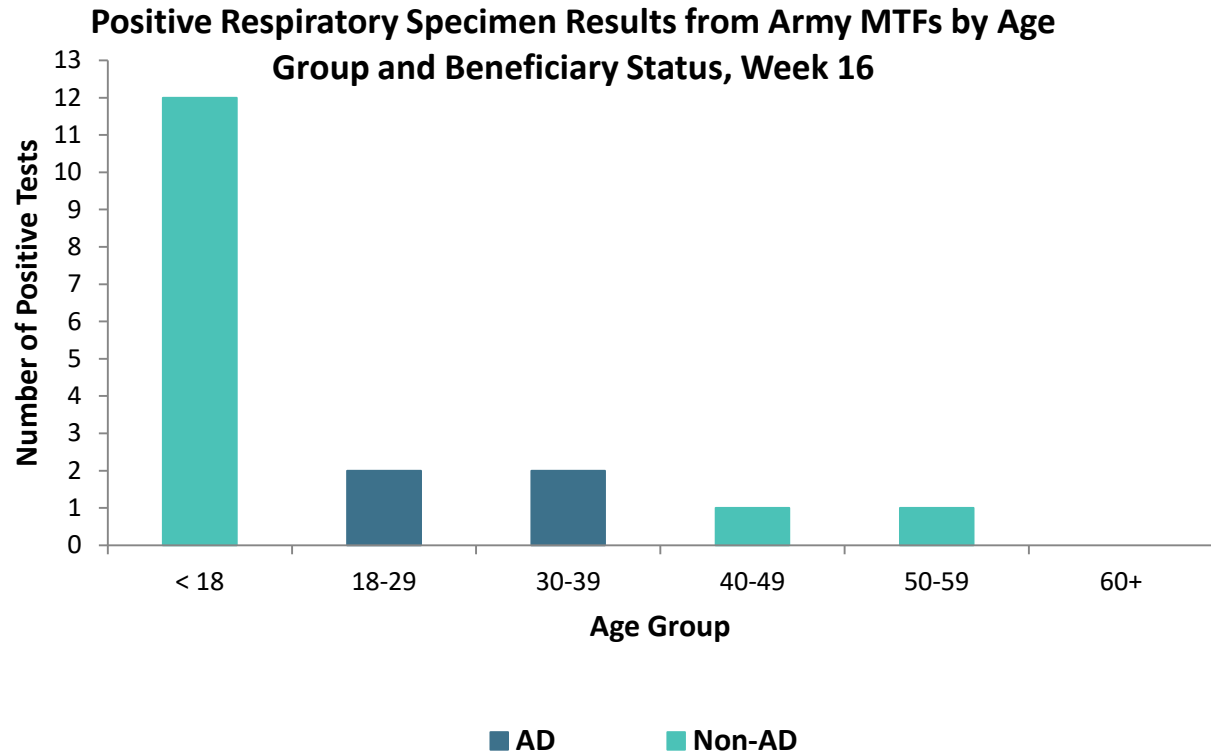
		Week 13	Week 14	Week 15	Week 16	Season Total
Army MTF Laboratory Results, 2020-21	Influenza A	1	3	2	3	94
	Influenza B	1	1	7	2	107
	Adenovirus	1	5	4	0	84
	Enterovirus	4	5	5	10	282
	Parainfluenza	2	1	1	1	16
	RSV	2	1	1	2	50
	Negative	2,640	3,042	2,784	2,978	100,868
	<b>Total</b>	<b>2,651</b>	<b>3,058</b>	<b>2,804</b>	<b>2,996</b>	<b>101,501</b>

Of the 2,996 specimens tested in week 16, 1% (n=18) were positive for any type of respiratory illness. Enterovirus accounted for 56% (n=10), influenza A accounted for 17% (n=3), influenza B and respiratory syncytial virus each accounted for 11% (n=2), and parainfluenza accounted for 6% (n=1) of the positive specimens.

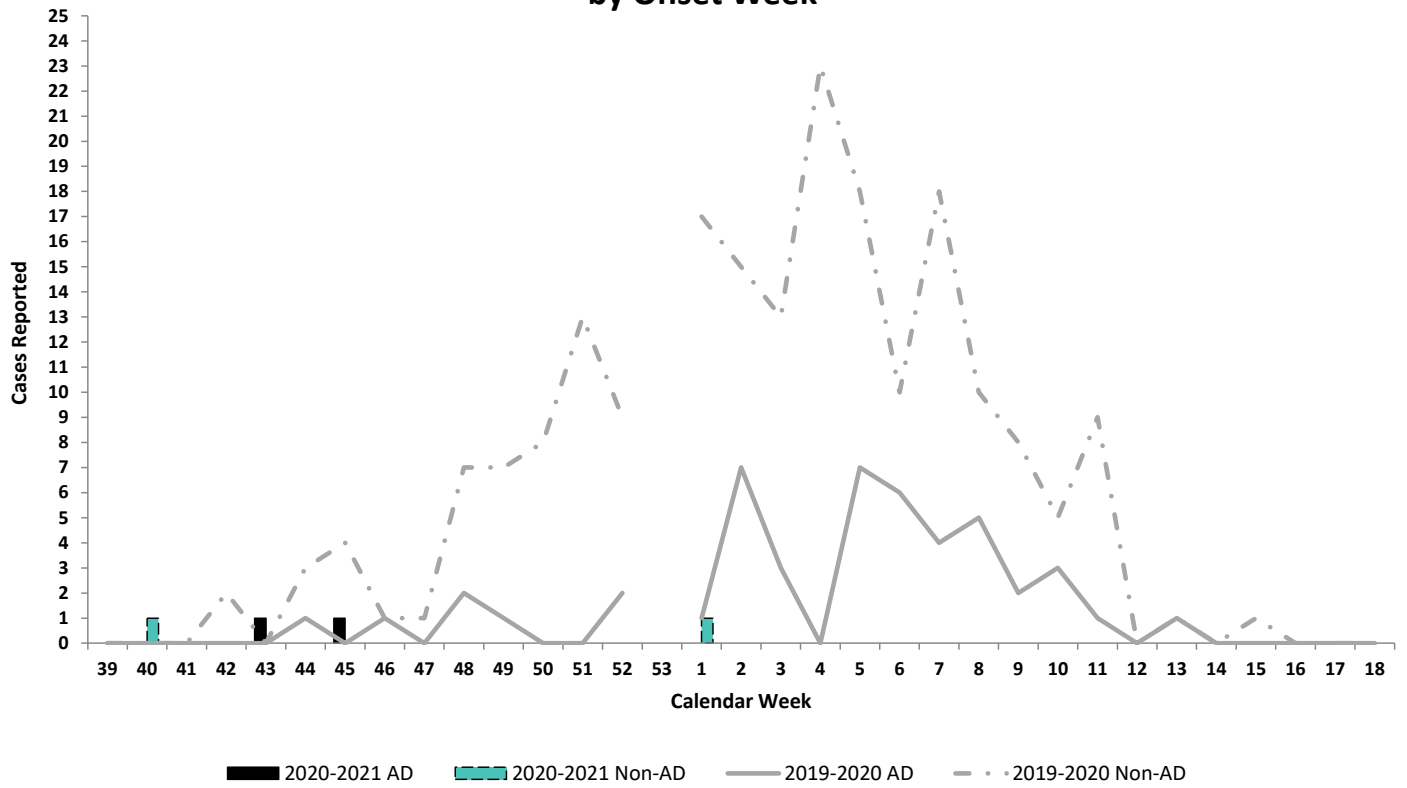
Additionally, the reported number of specimens tested increased by 7% since week 15 (n=2,804).

**Locations providing week 16 laboratory data as of 28 April 2021:** Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Knox, Ft Leavenworth, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Korea, Landstuhl Regional Medical Center, and Tripler Army Medical Center.





**Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week**

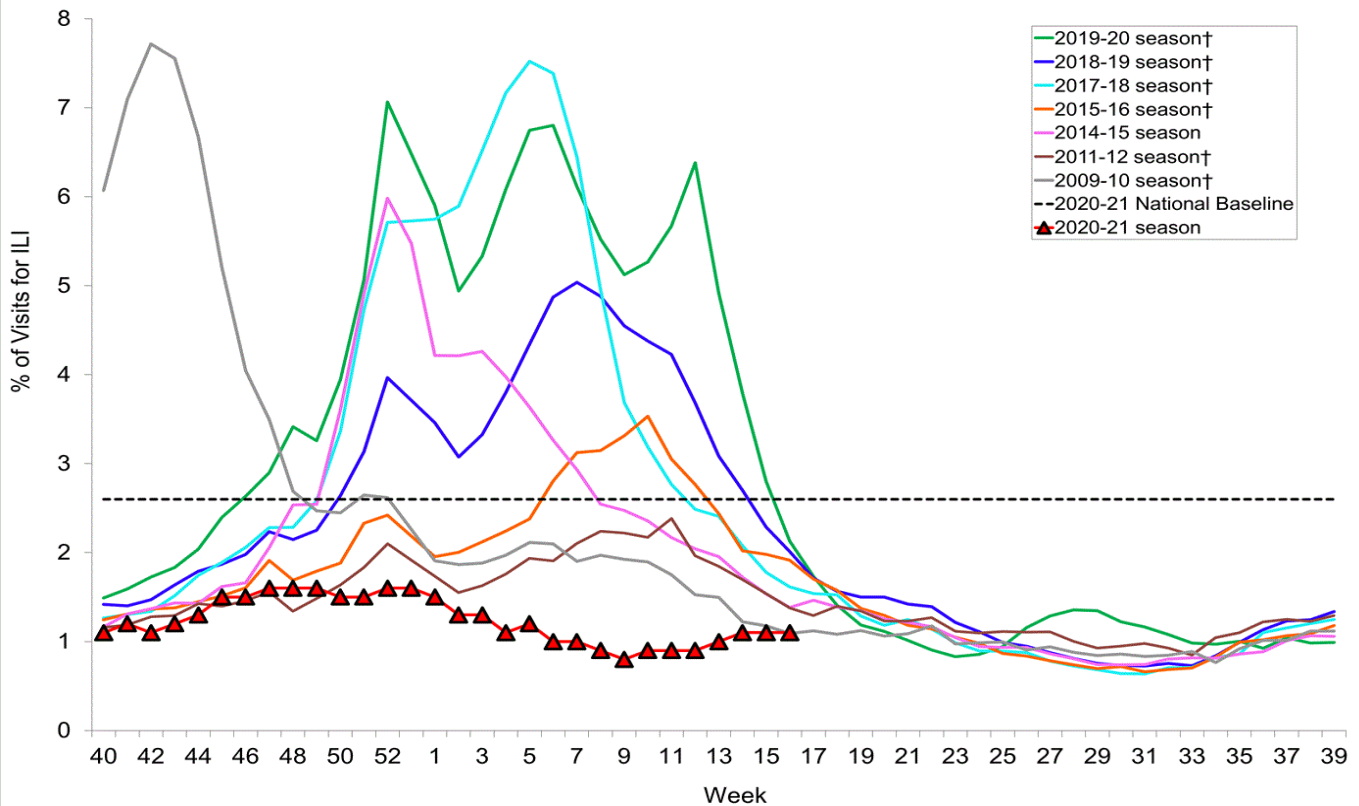


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons

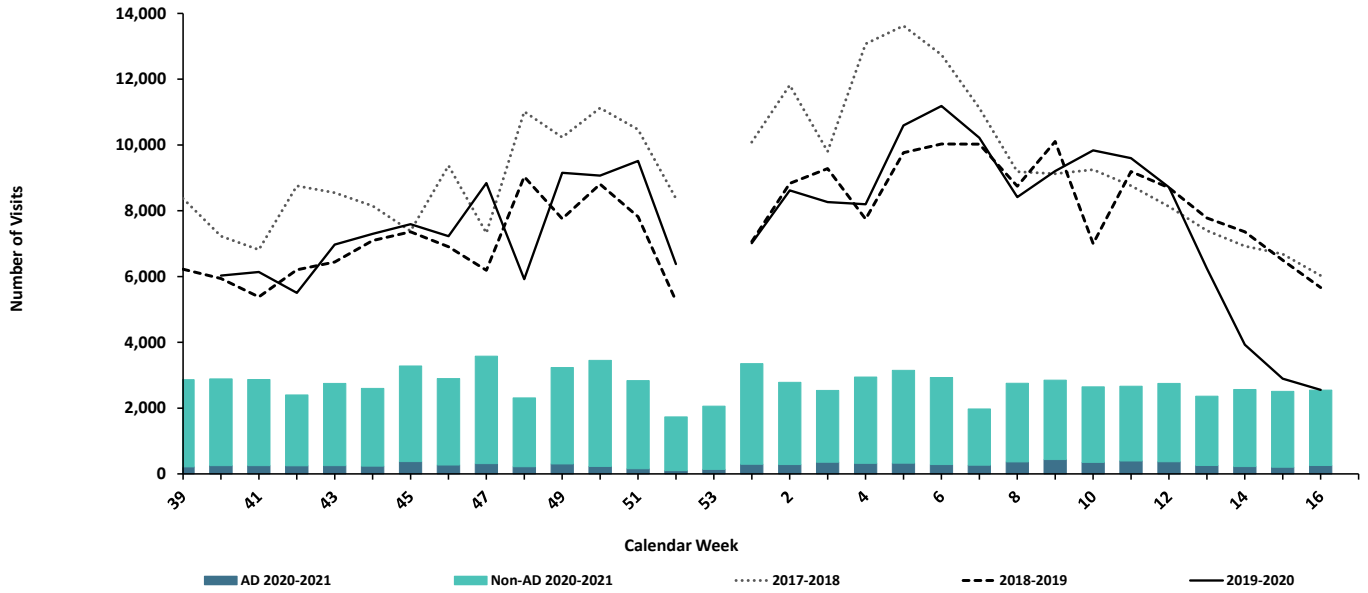


†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.

Source: Centers for Disease Control and Prevention (CDC)



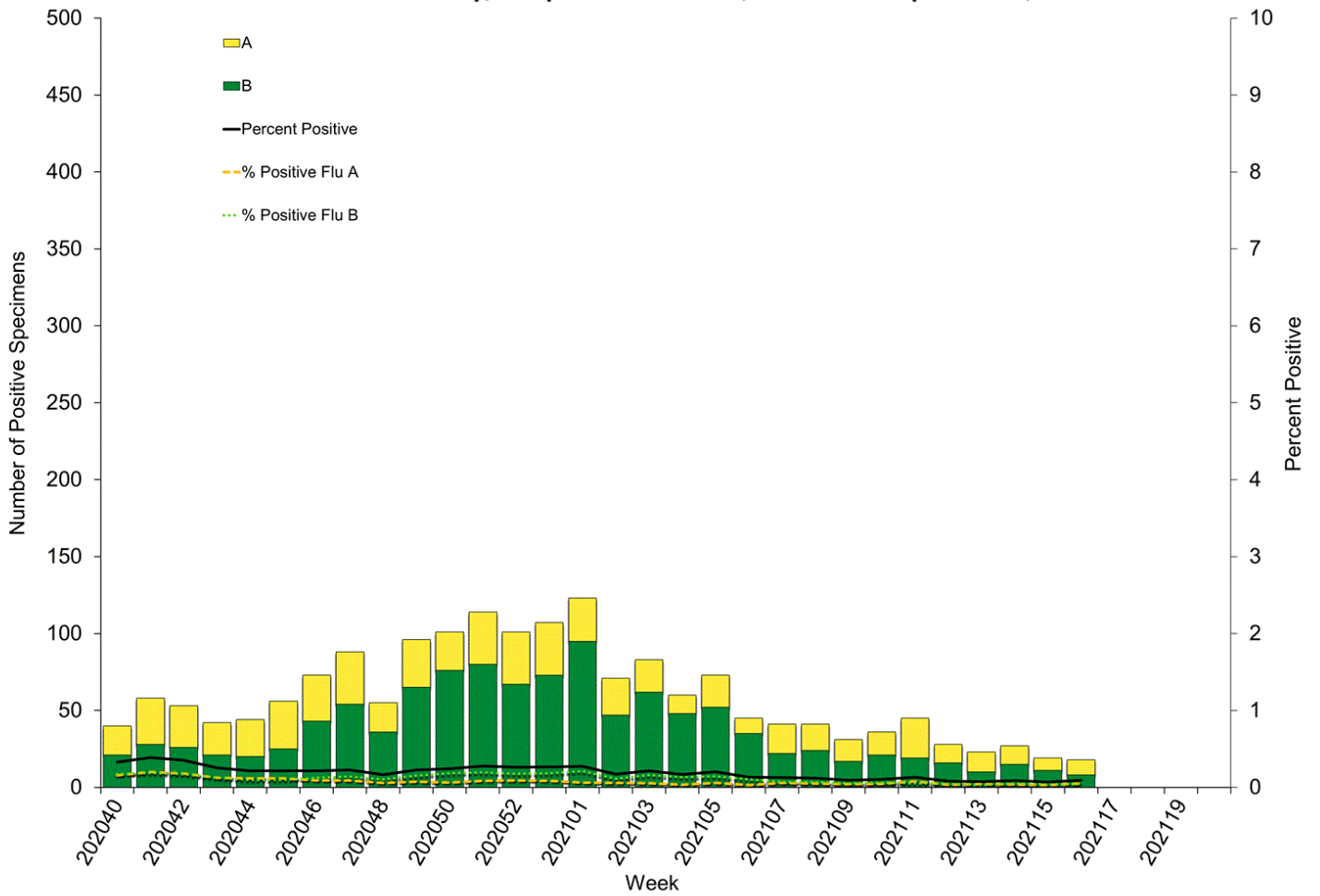
**ESSENCE Weekly Outpatient Clinic Visits for Influenza-like Illness**  
*Army MTFs, All Services, 2017-2021*





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Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – April 24, 2021



Source: Centers for Disease Control and Prevention (CDC)

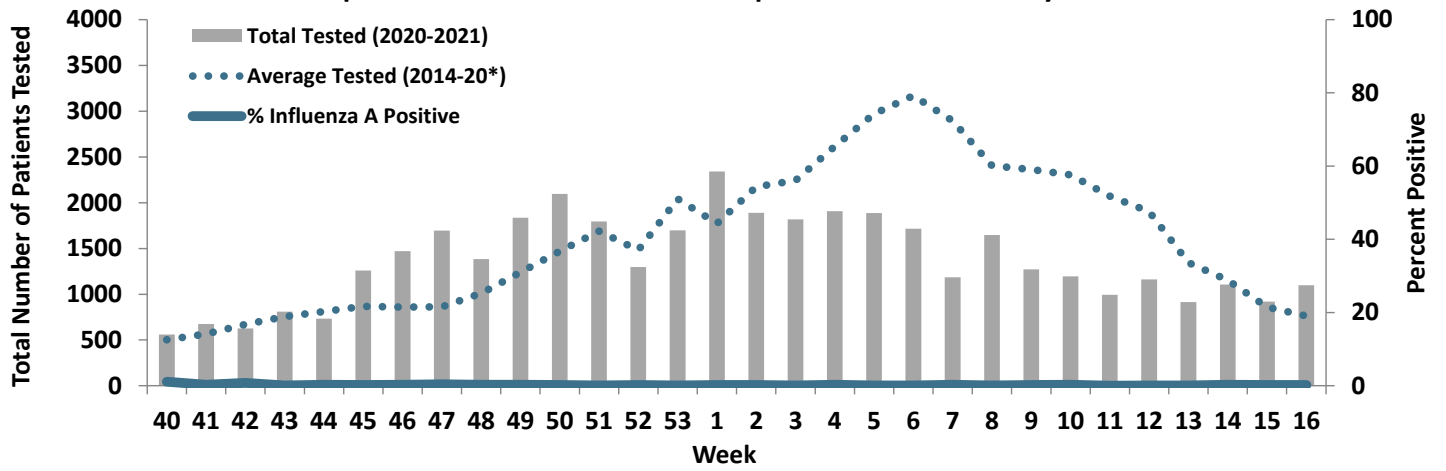


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Proportion of Positive Influenza A Specimens for U.S. Army 2020-2021



\*2014/2015 influenza season - 2019/2020 influenza season