

U.S. Army Public Health Center

# Army Influenza Activity Report

Week ending 17 April 2021 (Week 15)

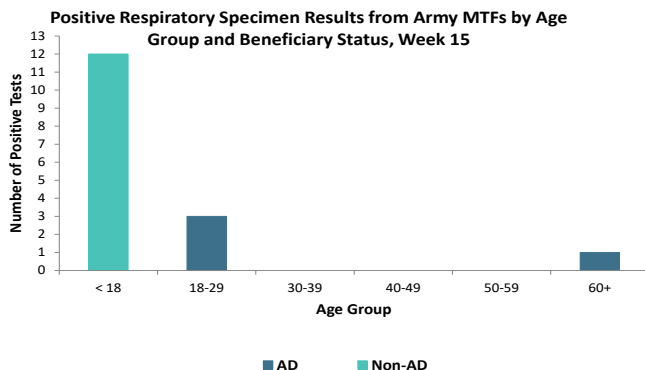
## SUMMARY

Influenza activity remains low in the Army population. Two positive influenza A specimens and seven positive influenza B specimens were reported during surveillance week 15. No hospitalizations were reported in week 15; the season total thus far is four compared to 250 influenza-associated hospitalizations reported as of this time last season. Seventy-five percent of specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 15. 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](#).

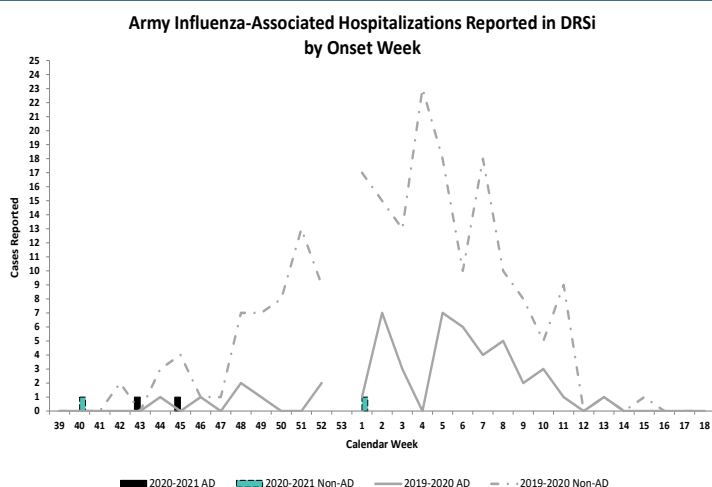
## DEMOGRAPHICS



**AD:** Four positive respiratory specimens were collected from active duty (AD) Service members during week 15; the 18-29 age group accounted for 75% (n=3) of positive specimens and the 60+ age group accounted for 25% (n=1).

**Non-AD:** Twelve positive respiratory specimens were collected from non-AD individuals during week 15; all positive specimens were collected from individuals under 18 years of age.

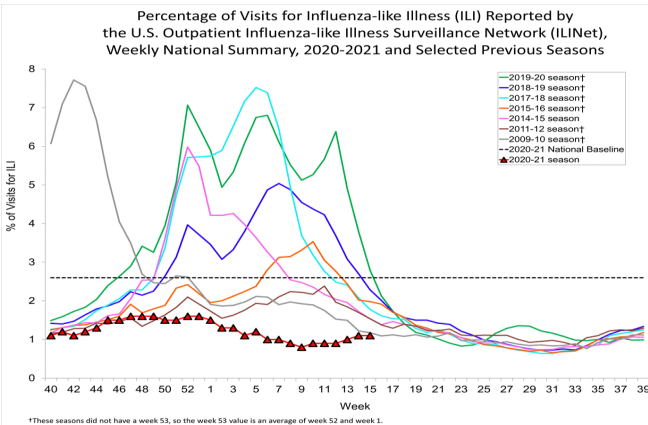
## INFLUENZA-ASSOCIATED HOSPITALIZATIONS



No influenza-associated hospitalizations with onset dates in week 15 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, one hospitalization were reported in week 15 (with 250 hospitalizations reported from start of the season through week 15).

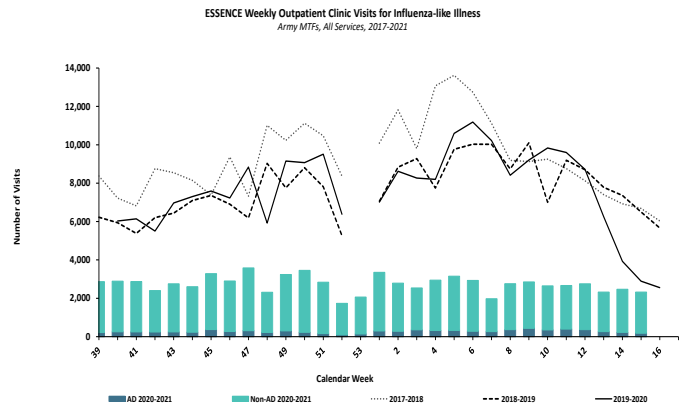
\*DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

## ILI ACTIVITY - UNITED STATES

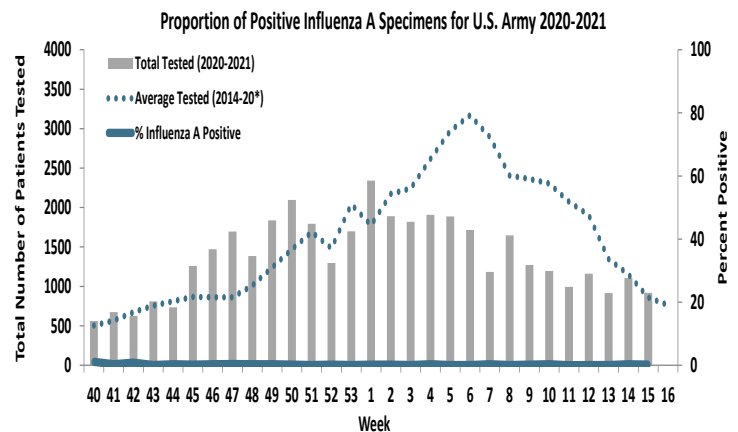
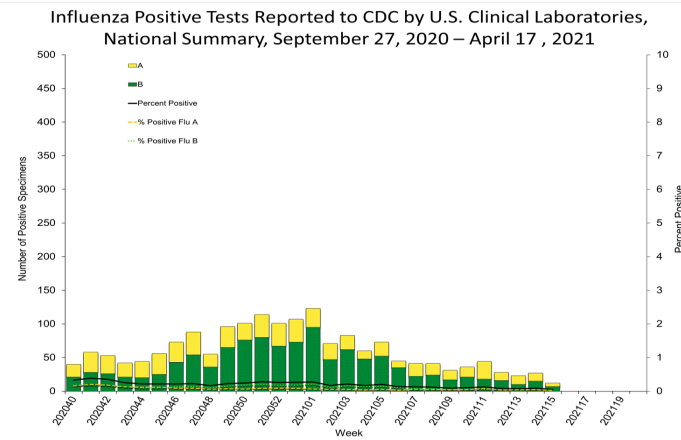


Nationwide in week 15, incident ILI activity was 1.1%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 5.8% from week 14 to week 15. The majority of ILI encounters (92.3%) occurred among non-AD patients in week 15.

## ILI ACTIVITY - ARMY



## LABORATORY RESPIRATORY SPECIMEN TESTING



Nationwide during week 15, a total of 22,574 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 12 (0.1%) were positive. Influenza A accounted for 41.7% (n=5) of the total positive specimens. In the Army population, 2 (0.2%) of the 919 specimens tested for influenza A were positive in week 15.

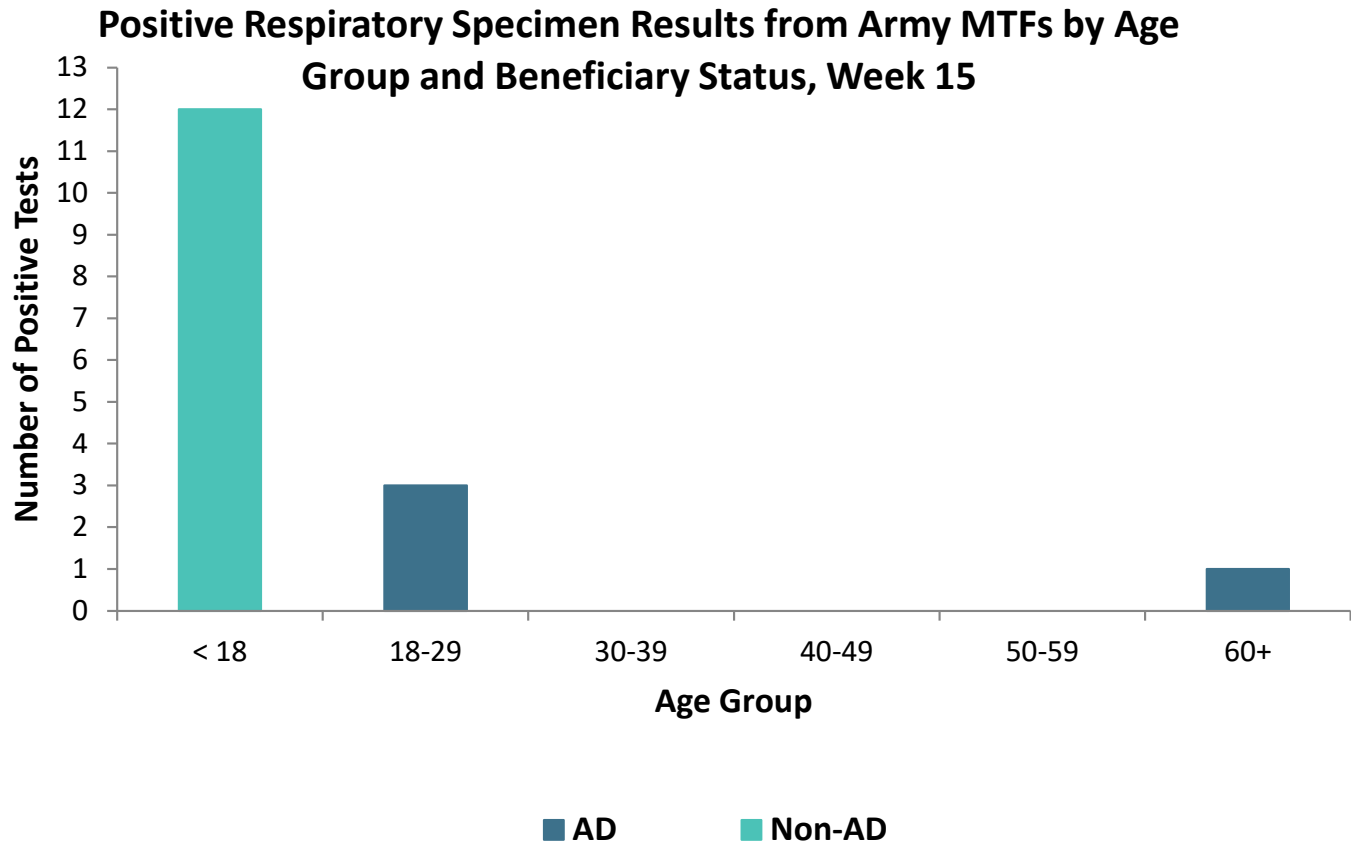
	Week 12	Week 13	Week 14	Week 15	Season Total	
Army MTF Laboratory Results, 2020-21	Influenza A	1	1	3	2	91
	Influenza B	2	1	1	7	105
	Adenovirus	2	1	5	2	82
	Enterovirus	1	4	5	5	272
	Parainfluenza	1	2	1	0	14
	RSV	2	2	1	0	47
	Negative	3,201	2,640	3,042	2,448	97,559
	<b>Total</b>	<b>3,210</b>	<b>2,651</b>	<b>3,058</b>	<b>2,464</b>	<b>98,170</b>

Of the 2,464 specimens tested in week 15, 1% (n=16) were positive for any type of respiratory illness. Influenza B accounted for 44% (n=7), enterovirus accounted for 31% (n=5), and influenza A and adenovirus each accounted for 13% (n=2) of the positive specimens.

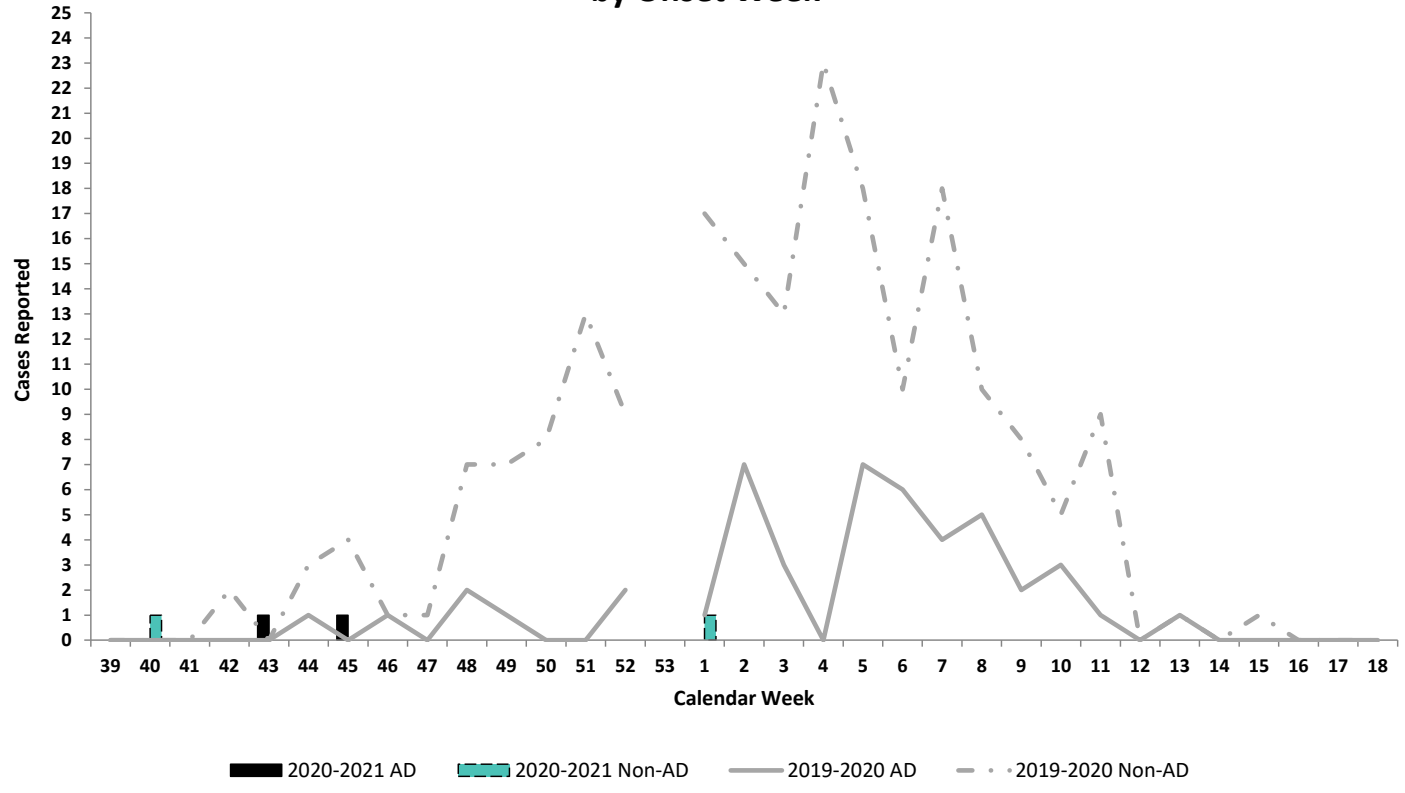
Additionally, the reported number of specimens tested decreased by 19.4% since week 14 (n=3,058).

**Locations providing week 15 laboratory data as of 21 April 2021:** Ft Benning, Ft Bliss, Ft Campbell, Ft Carson, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Lee, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Redstone Arsenal, and Tripler Army Medical Center.





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

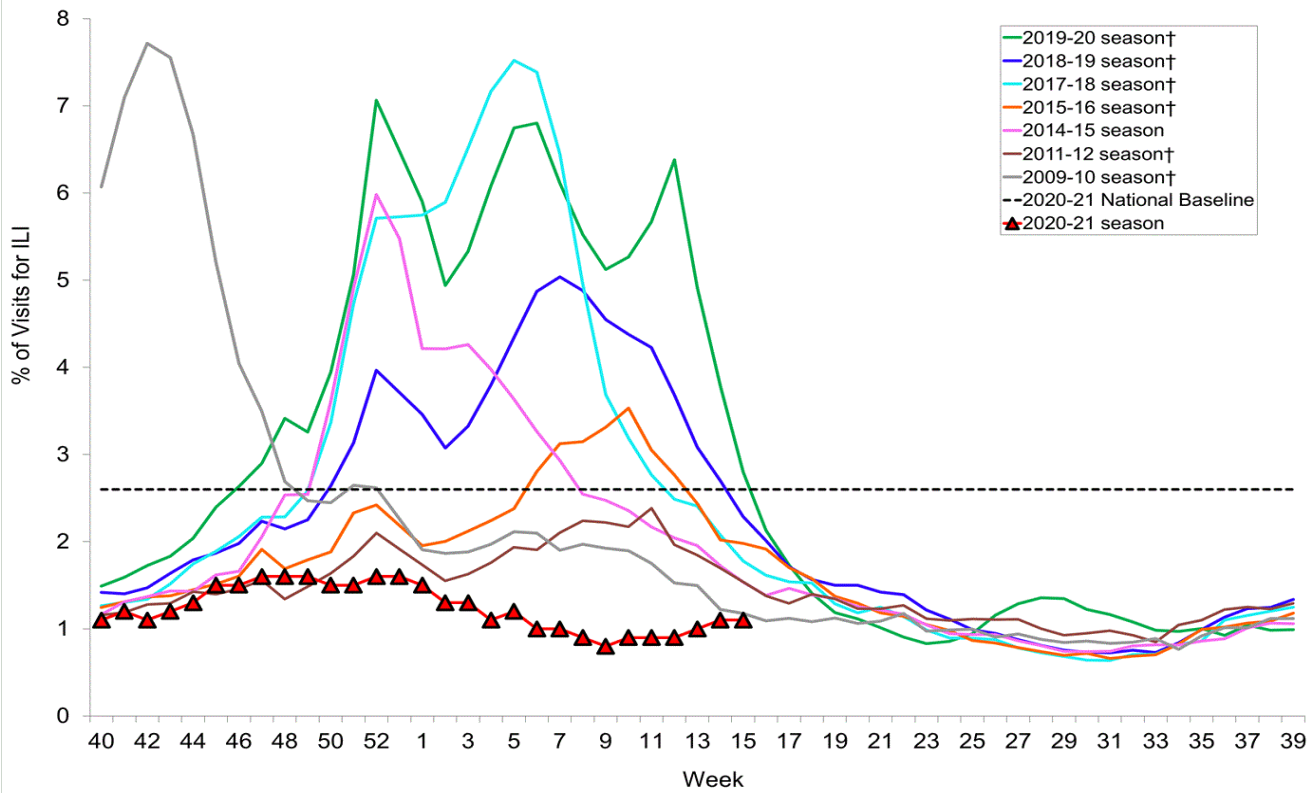


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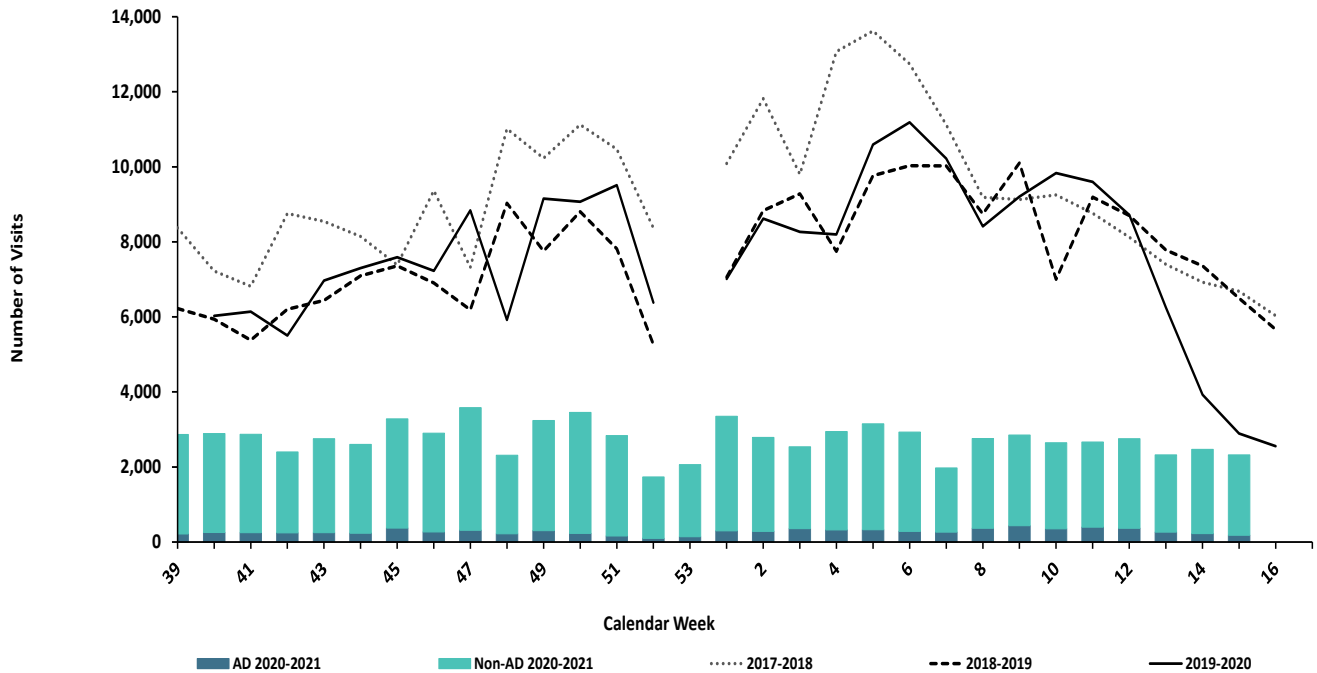
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons



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

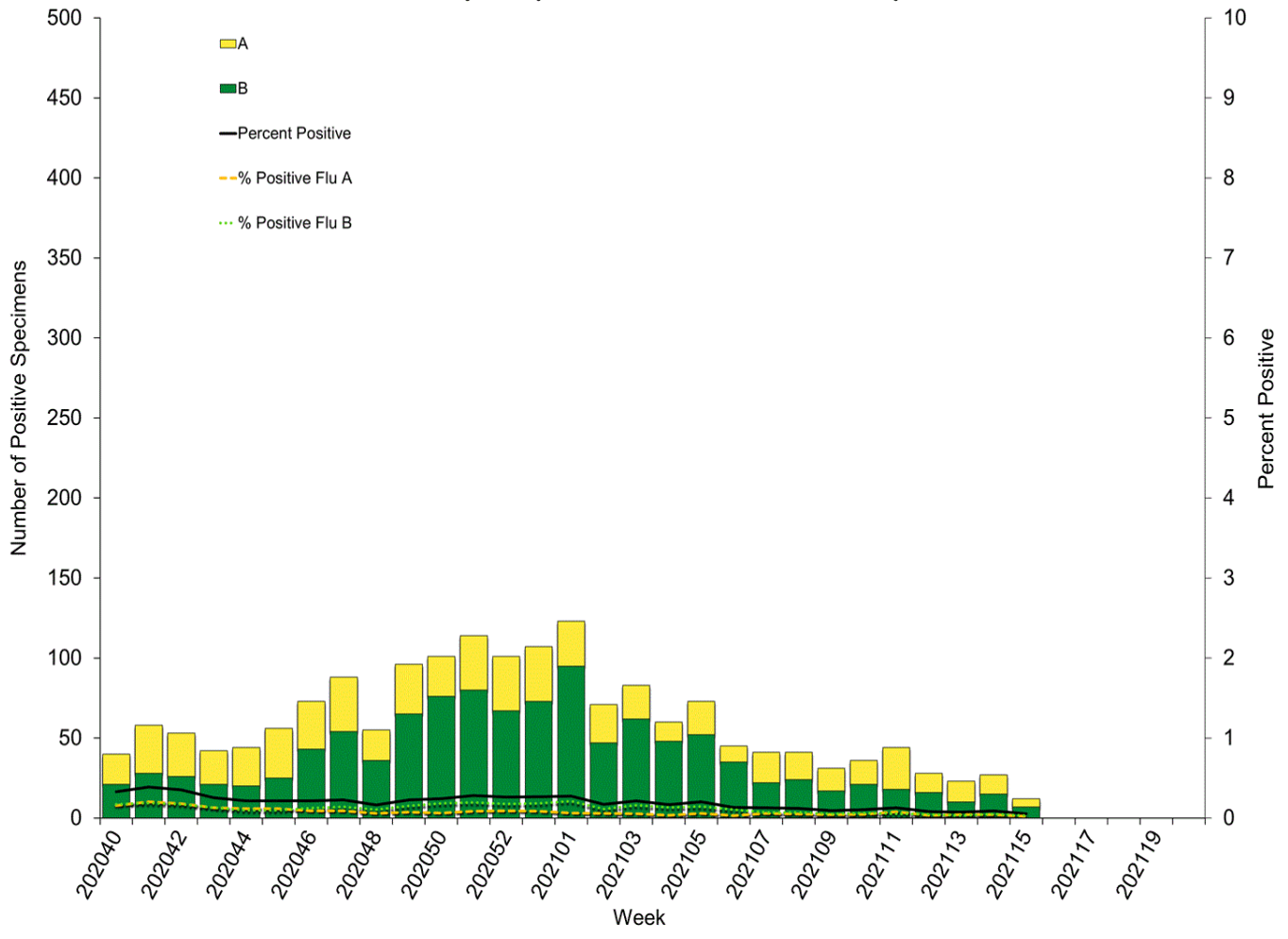
Source: Centers for Disease Control and Prevention (CDC)

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





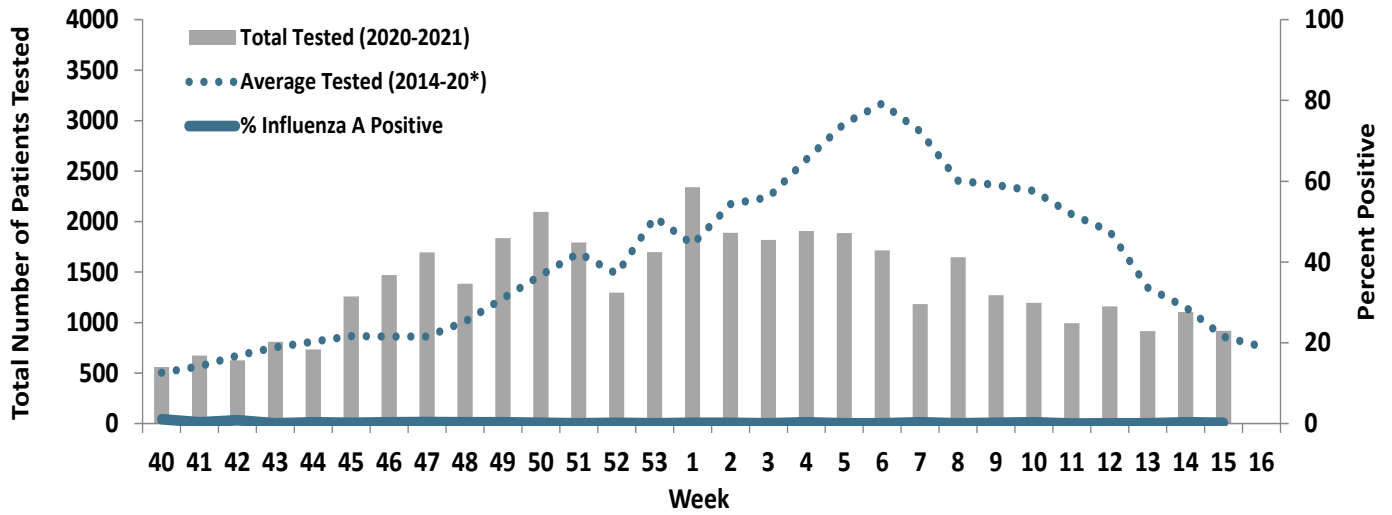
### Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – April 17, 2021



Source: Centers for Disease Control and Prevention (CDC)



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



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