

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 3 April 2021 (Week 13)

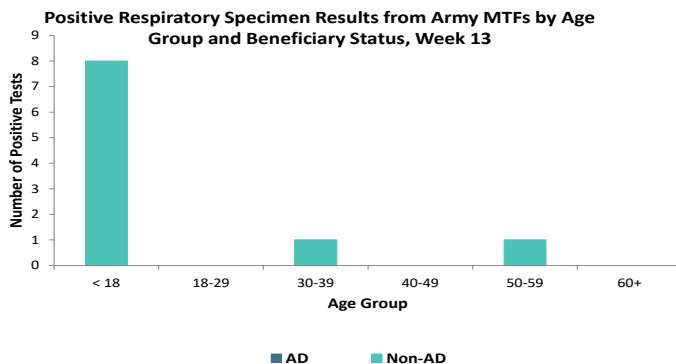
SUMMARY

Influenza activity remains low in the Army population. One positive influenza B specimen and no positive influenza A specimens were reported during surveillance week 13. No hospitalizations were reported in week 13; the season total thus far is four compared to 249 influenza-associated hospitalizations reported as of this time last season. Eighty percent of specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 13. Nationwide, influenza activity is low with 0.1% of specimens tested by clinical laboratories being positive for influenza.

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](#).

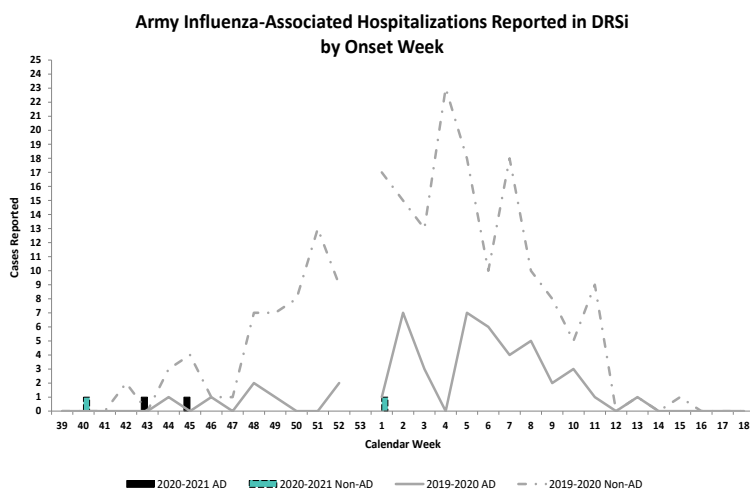
DEMOGRAPHICS



AD: No positive respiratory specimens were collected from active duty (AD) Service members during week 13.

Non-AD: Ten positive respiratory specimens were collected from non-AD individuals during week 13; 80% of specimens were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS



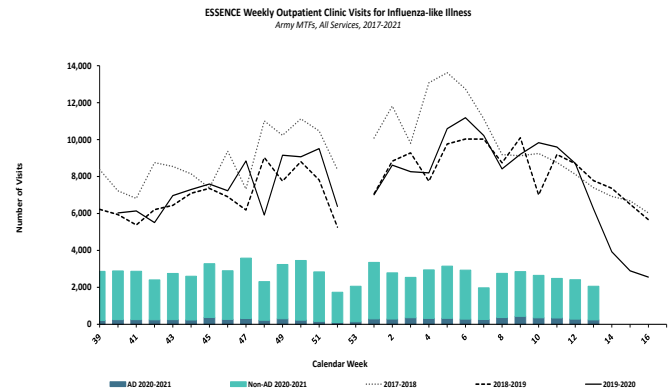
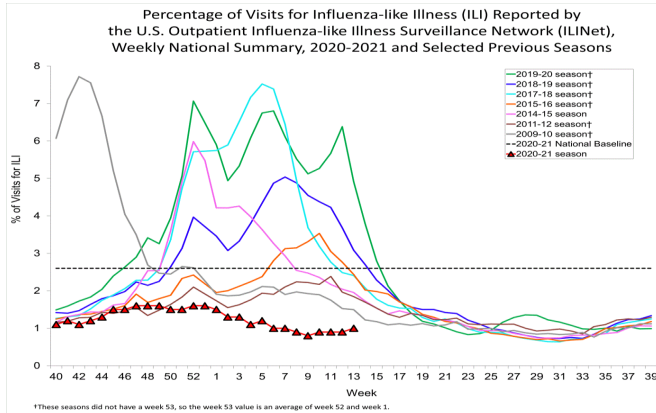
No influenza-associated hospitalizations with onset dates in week 13 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, two hospitalizations were reported in week 13 (with 249 hospitalizations reported from start of the season through week 13).

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

Questions?
Email [APHC DEP](#)

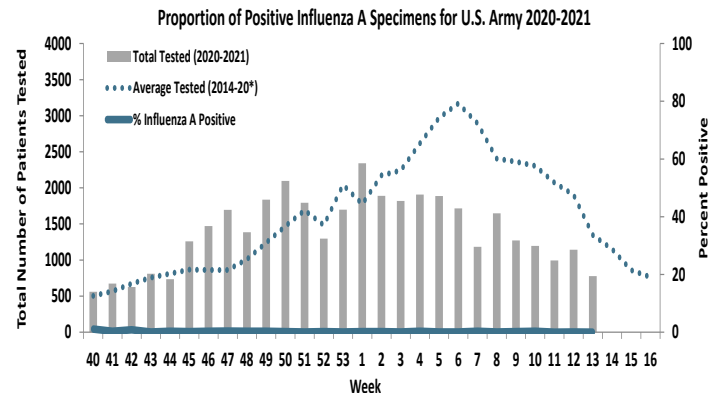
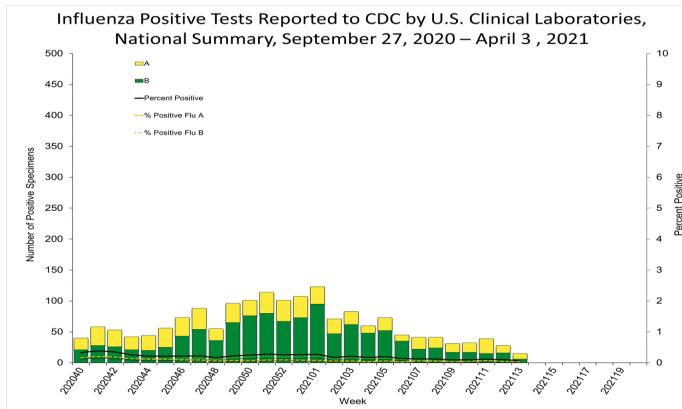
ILI ACTIVITY - UNITED STATES

ILI ACTIVITY - ARMY



Nationwide in week 13, incident ILI activity was 1.0%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 14.7% from week 12 to week 13. The majority of ILI encounters (88.5%) occurred among non-AD patients in week 13.

LABORATORY RESPIRATORY SPECIMEN TESTING



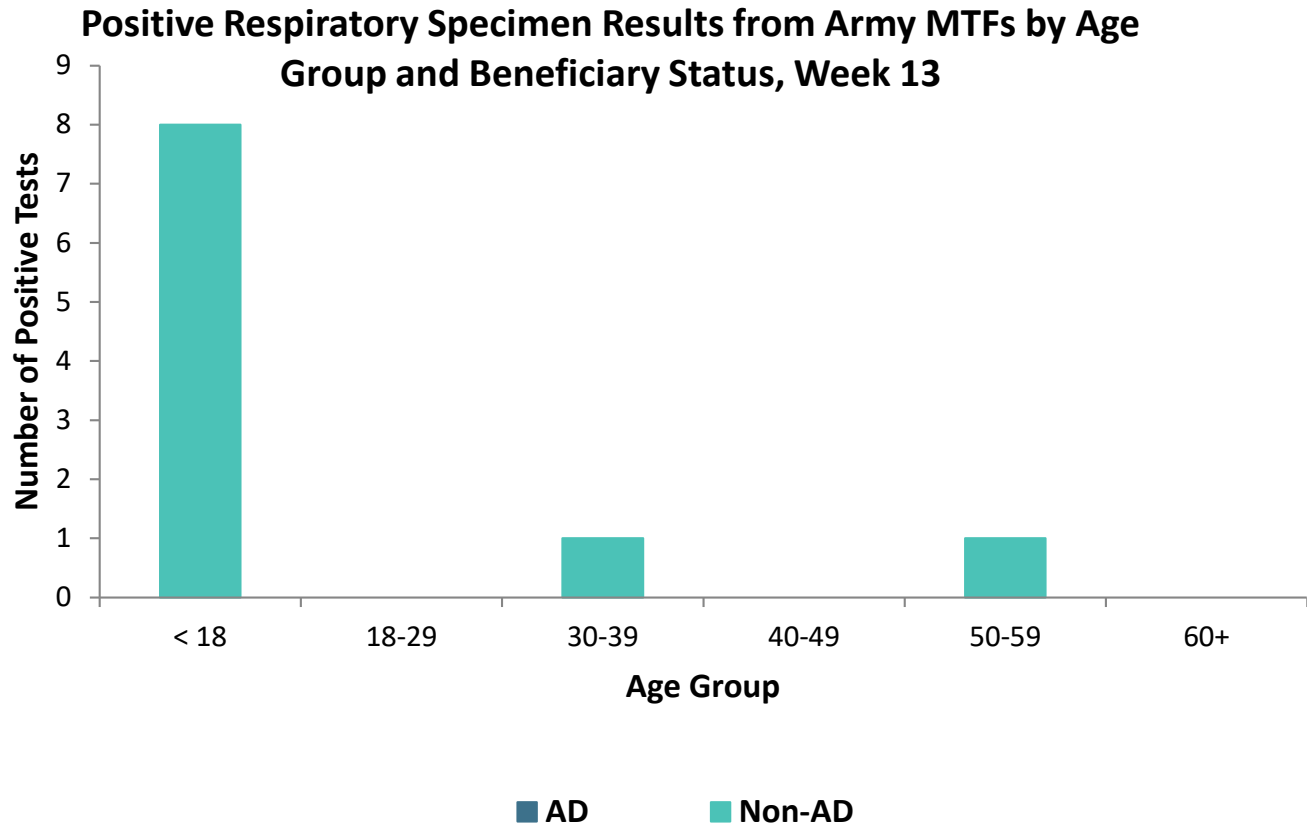
Nationwide during week 13, a total of 21,084 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 15 (0.1%) were positive. Influenza A accounted for 60% (n=9) of the total positive specimens. In the Army population, none (0%) of the 778 specimens tested for influenza A were positive in week 13.

		Week 10	Week 11	Week 12	Week 13	Season Total
Army MTF Laboratory Results, 2020-21	Influenza A	4	0	1	0	85
	Influenza B	4	2	2	1	97
	Adenovirus	4	2	1	1	74
	Enterovirus	1	2	1	4	262
	Parainfluenza	0	0	0	2	12
	RSV	1	0	2	2	46
	Negative	3,349	2,821	3,112	2,217	91,557
	Total	3,363	2,827	3,119	2,227	92,133

Of the 2,227 specimens tested in week 13, less than 1% (n=10) were positive for any type of respiratory illness. Enterovirus accounted for 40% (n=4), parainfluenza and respiratory syncytial virus each accounted for 20% (n=2), and Influenza B and Adenovirus each accounted for 10% (n=1) of the positive specimens.

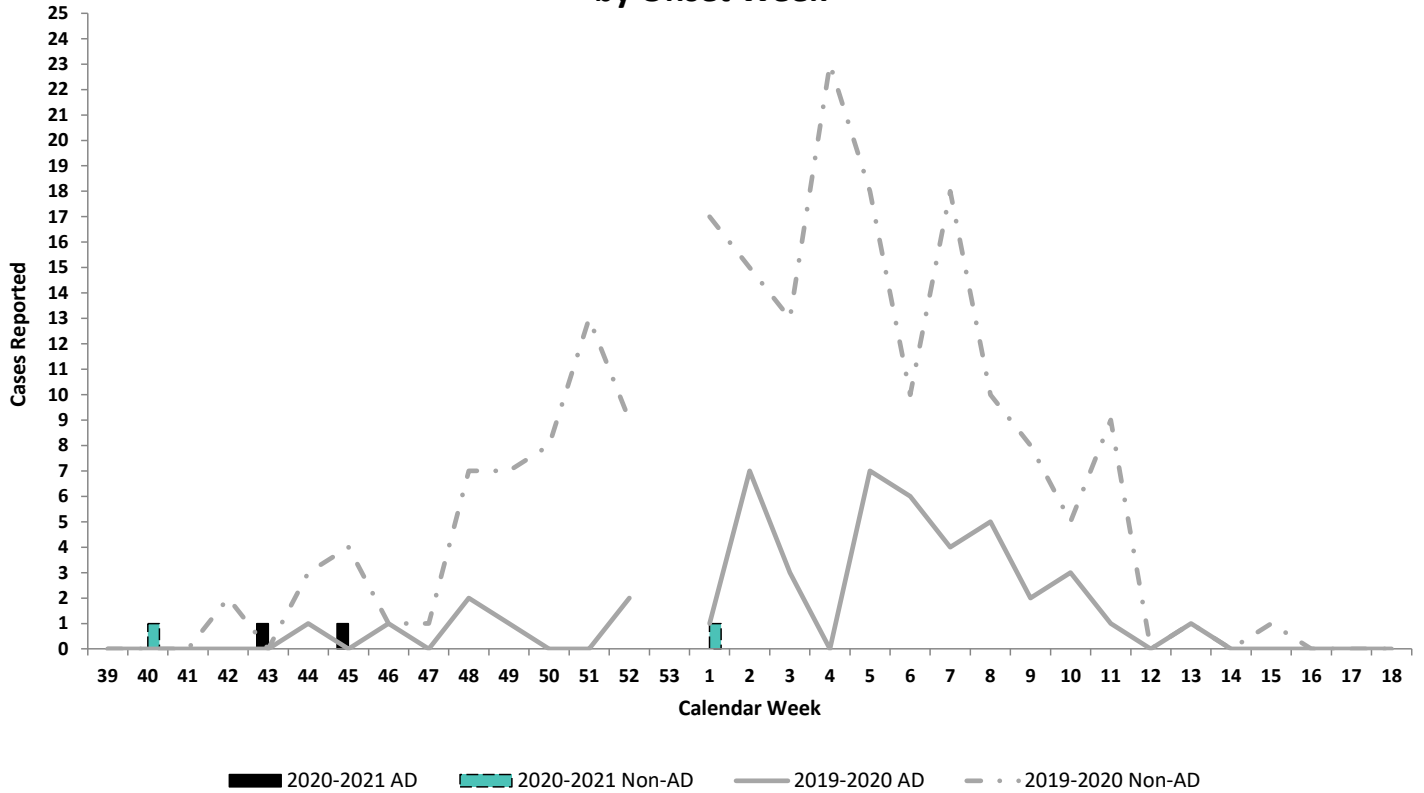
Additionally, the reported number of specimens tested decreased by 28.6% since week 12 (n=3,119).

Locations providing week 13 laboratory data as of 7 April 2021: Ft Benning, Ft Bragg, Ft Campbell, Ft Eustis, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Riley, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Tripler Army Medical Center, West Point, and Walter Reed National Military Medical Center.





Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

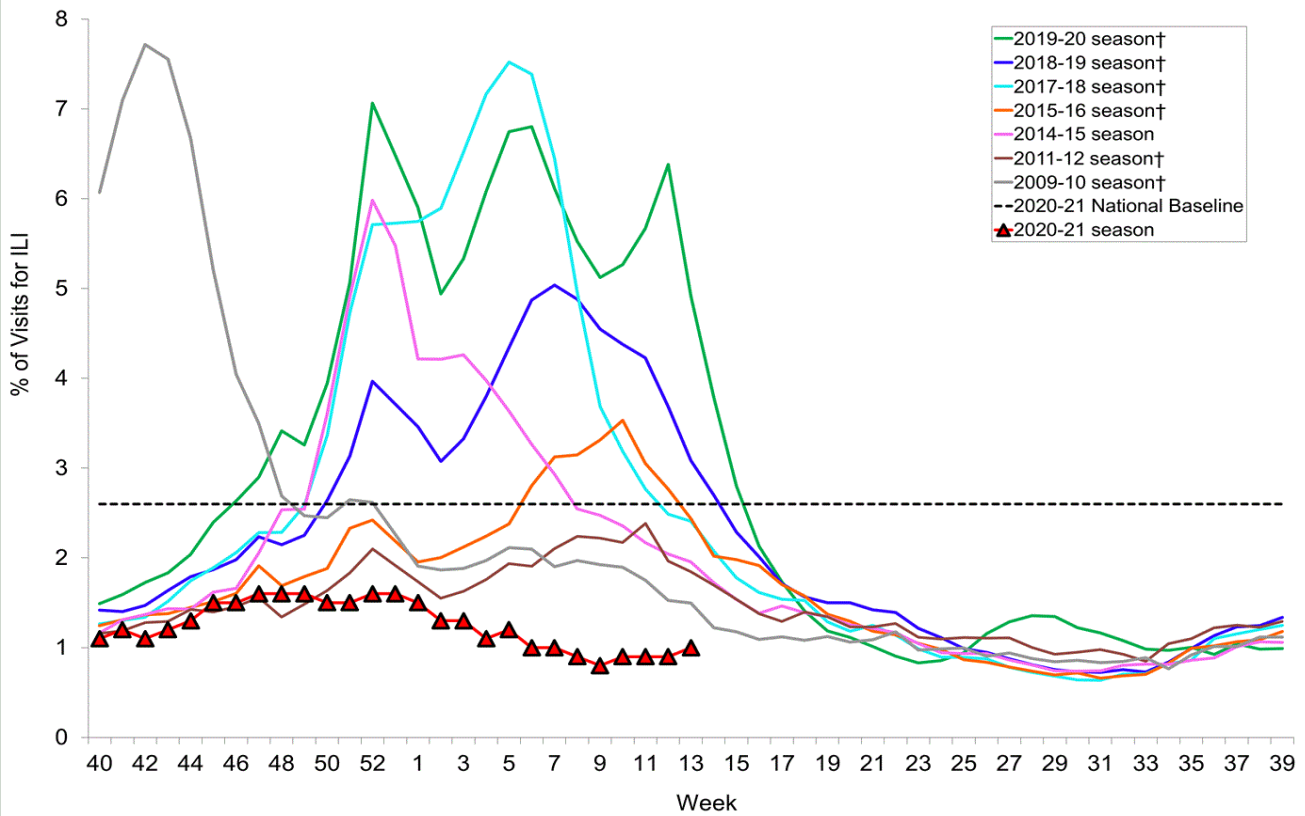


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons

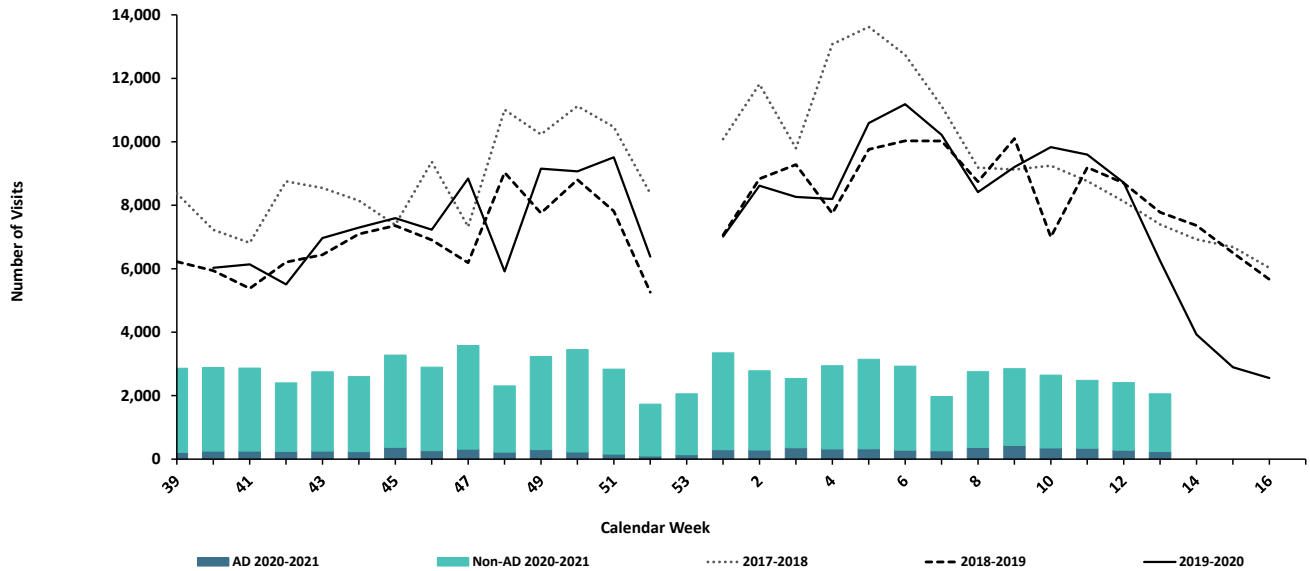


†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.

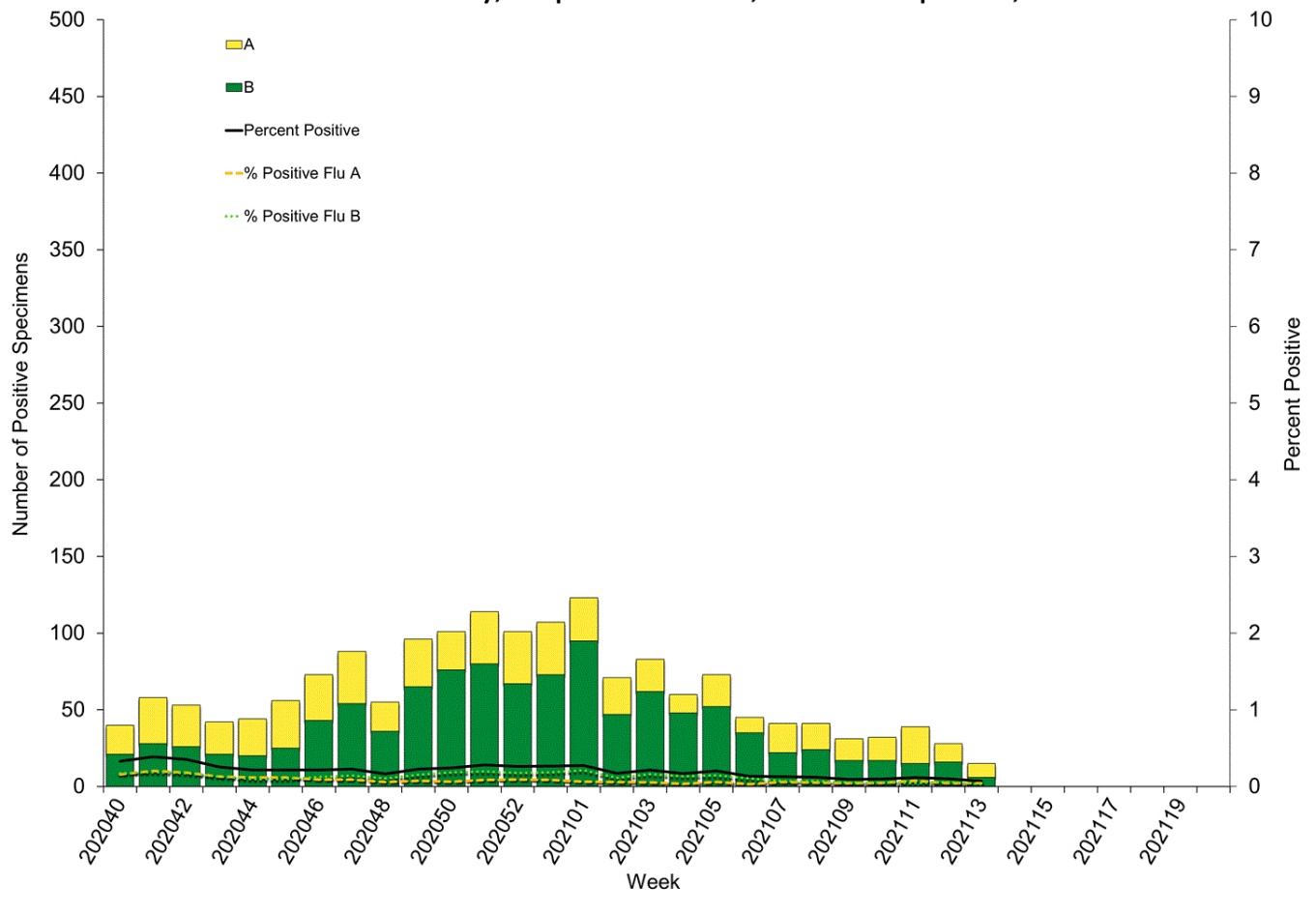
Source: Centers for Disease Control and Prevention (CDC)



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



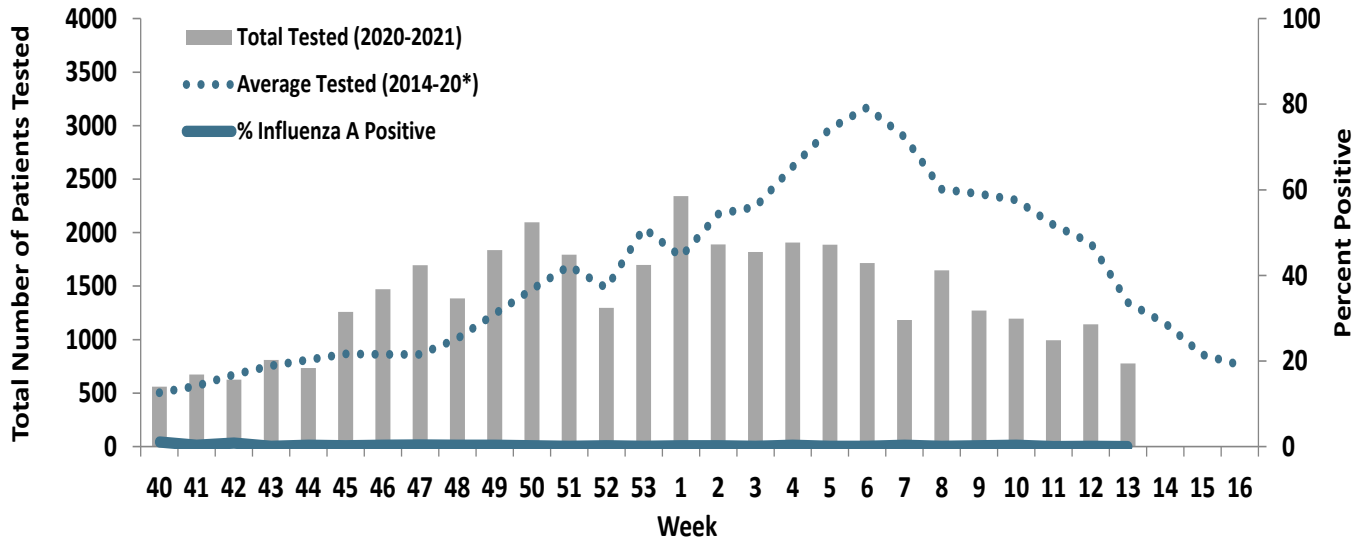
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – April 3, 2021



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