

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 10 April 2021 (Week 14)

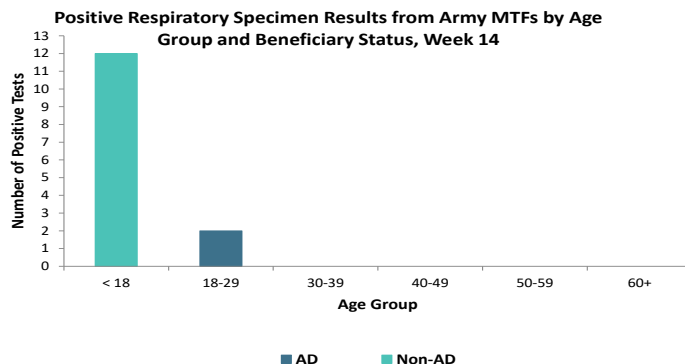
SUMMARY

Influenza activity remains low in the Army population. Two positive influenza A specimens and one positive influenza B specimen were reported during surveillance week 14. No hospitalizations were reported in week 14; the season total thus far is four compared to 249 influenza-associated hospitalizations reported as of this time last season. Eighty-six percent of specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 14. Nationwide, influenza activity is low with 0.1% of specimens tested by clinical laboratories being positive for influenza A.

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](#).

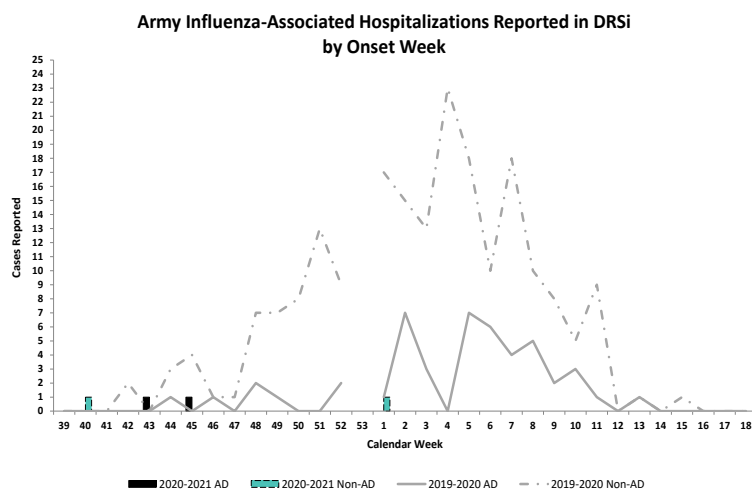
DEMOGRAPHICS



AD: Two positive respiratory specimens were collected from active duty (AD) Service members during week 14; all positive specimens were collected from individuals in the 18-29 age group.

Non-AD: Twelve positive respiratory specimens were collected from non-AD individuals during week 14; all positive specimens were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

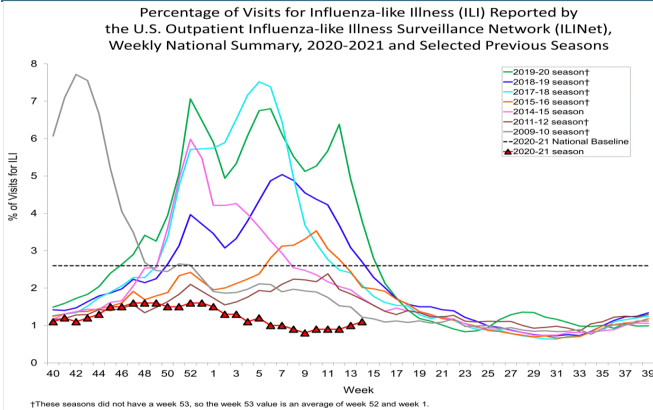


No influenza-associated hospitalizations with onset dates in week 14 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, no hospitalizations were reported in week 14 (with 249 hospitalizations reported from start of the season through week 14).

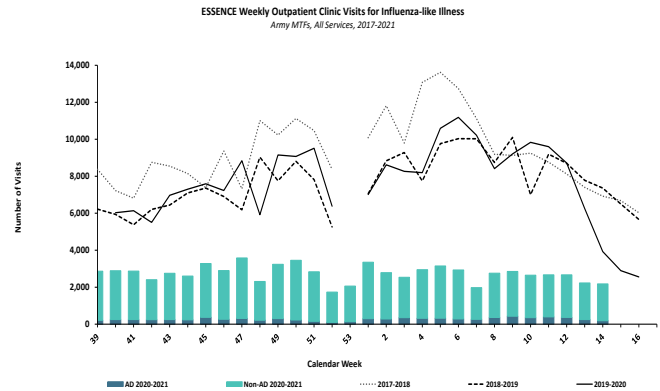
*DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

Questions?
Email [APHC DEP](#)

ILI ACTIVITY - UNITED STATES

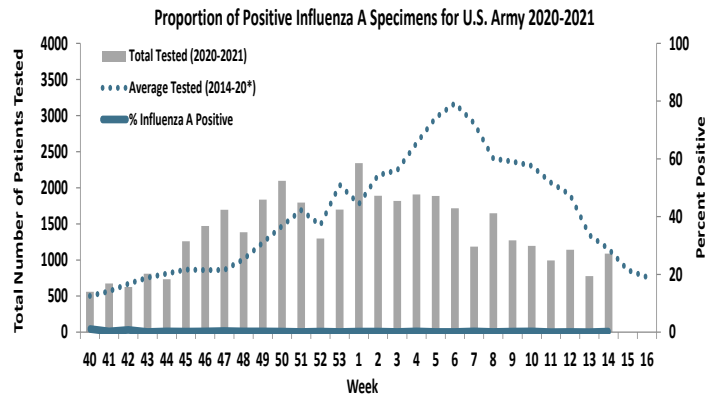
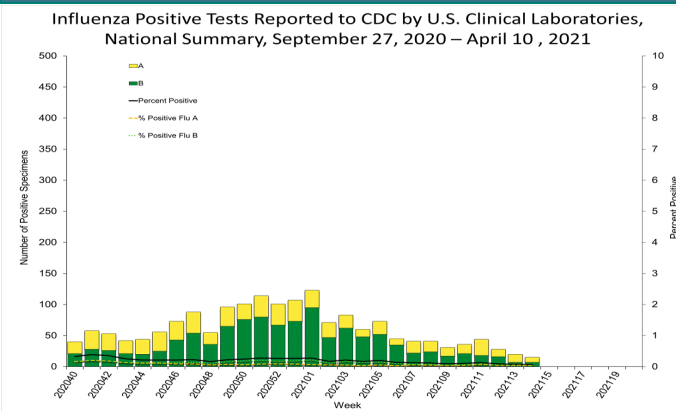


ILI ACTIVITY - ARMY



Nationwide in week 14, 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 2.2% from week 13 to week 14. The majority of ILI encounters (91.2%) occurred among non-AD patients in week 14.

LABORATORY RESPIRATORY SPECIMEN TESTING



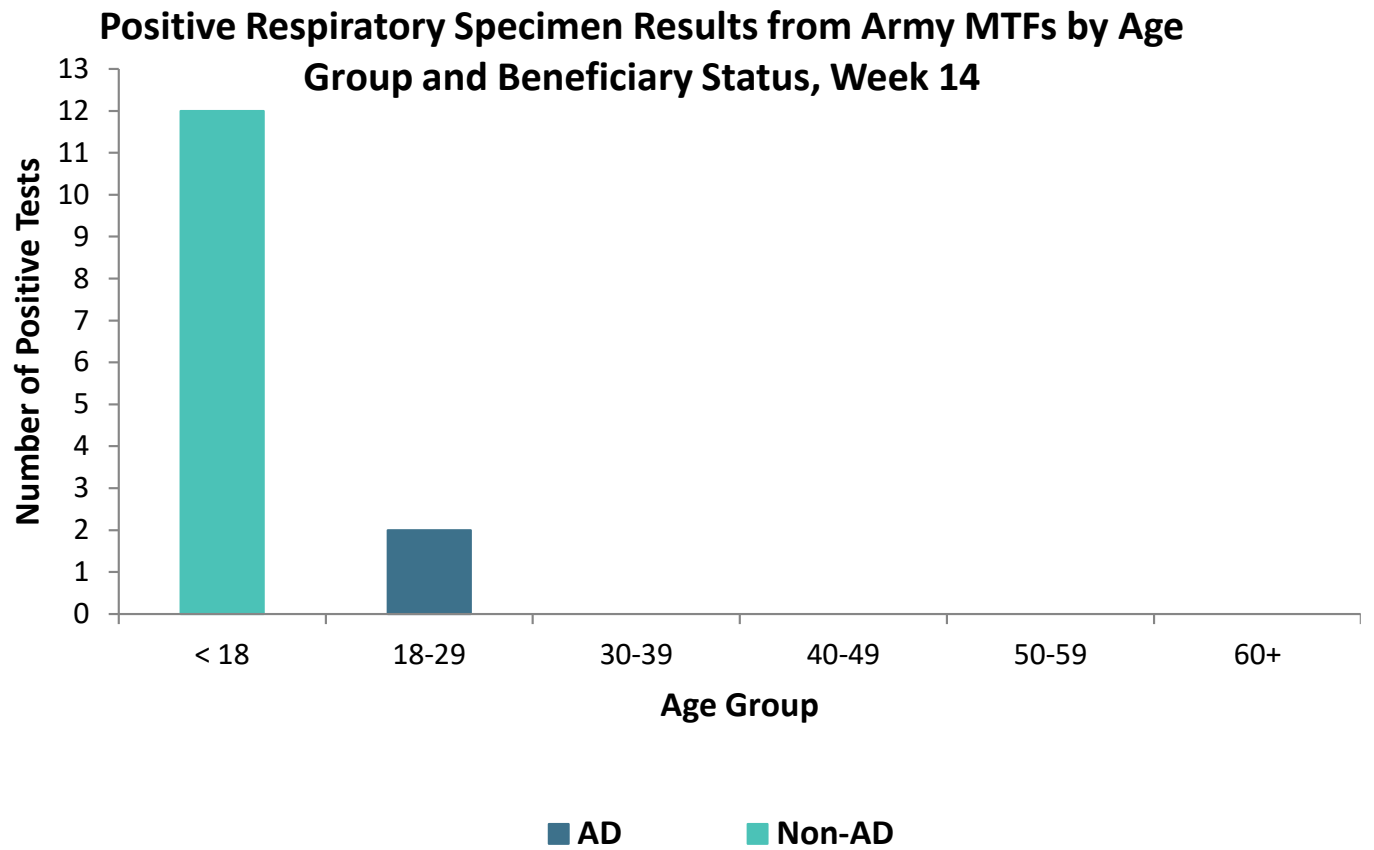
Nationwide during week 14, a total of 21,925 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 15 (0.1%) were positive. Influenza A accounted for 53.3% (n=8) of the total positive specimens. In the Army population, none (0.2%) of the 1,087 specimens tested for influenza A were positive in week 14.

		Week 11	Week 12	Week 13	Week 14	Season Total
Army MTF Laboratory Results, 2020-21	Influenza A	0	1	1	2	88
	Influenza B	2	2	1	1	98
	Adenovirus	2	2	1	5	80
	Enterovirus	2	1	4	4	266
	Parainfluenza	0	1	2	1	14
	RSV	0	2	2	1	47
	Negative	2,821	3,201	2,640	3,016	95,085
	Total	2,827	3,210	2,651	3,030	95,678

Of the 3,030 specimens tested in week 14, less than 1% (n=14) were positive for any type of respiratory illness. Adenovirus accounted for 36% (n=5), enterovirus accounted for 28% (n=4), influenza A accounted for 14% (n=2), and parainfluenza, respiratory syncytial virus, and influenza B each accounted for 7% (n=1) of the positive specimens.

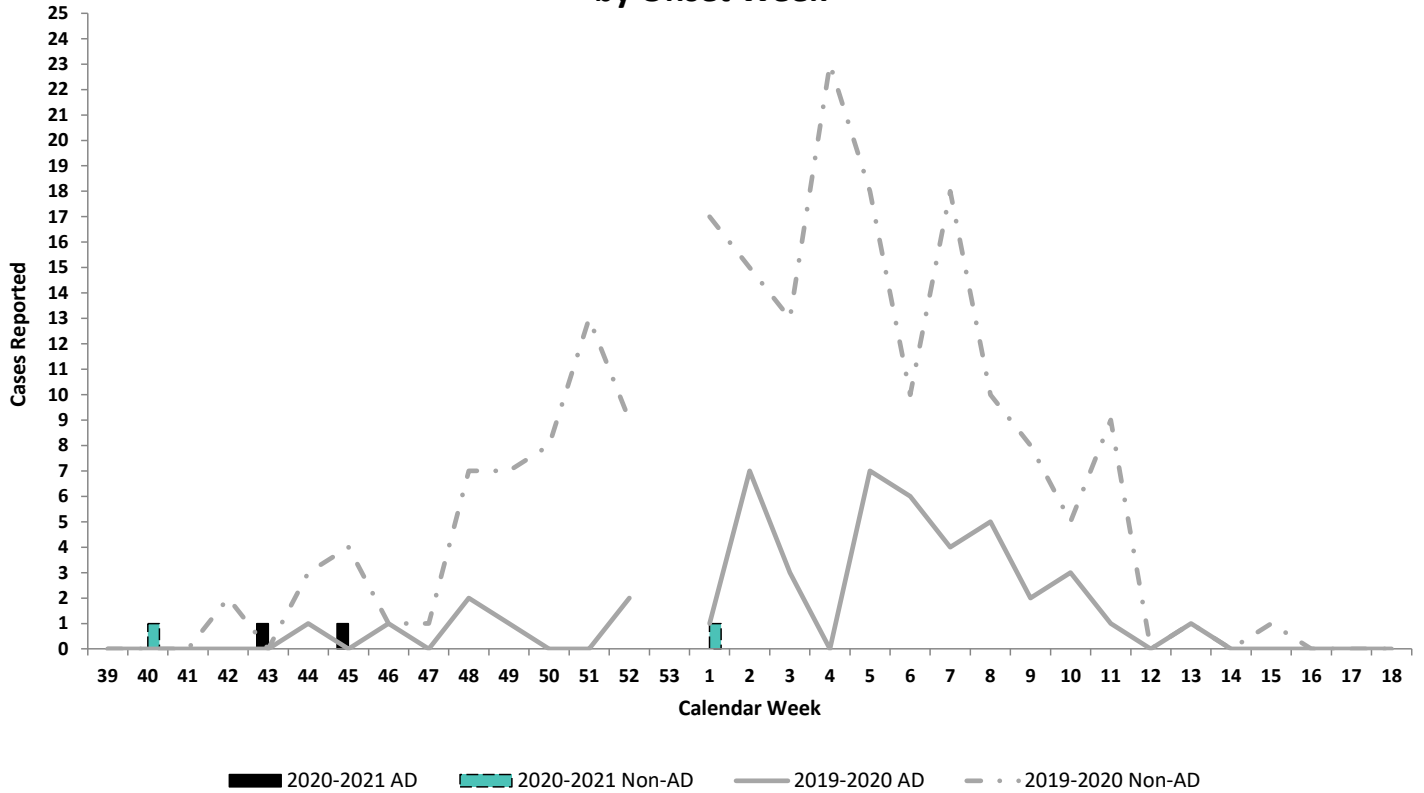
Additionally, the reported number of specimens tested increased by 14.3% since week 13 (n=2,651).

Locations providing week 14 laboratory data as of 13 April 2021: Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Landstuhl Regional Medical Center, Tripler Army Medical Center, West Point, and Walter Reed National Military Medical Center.





Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

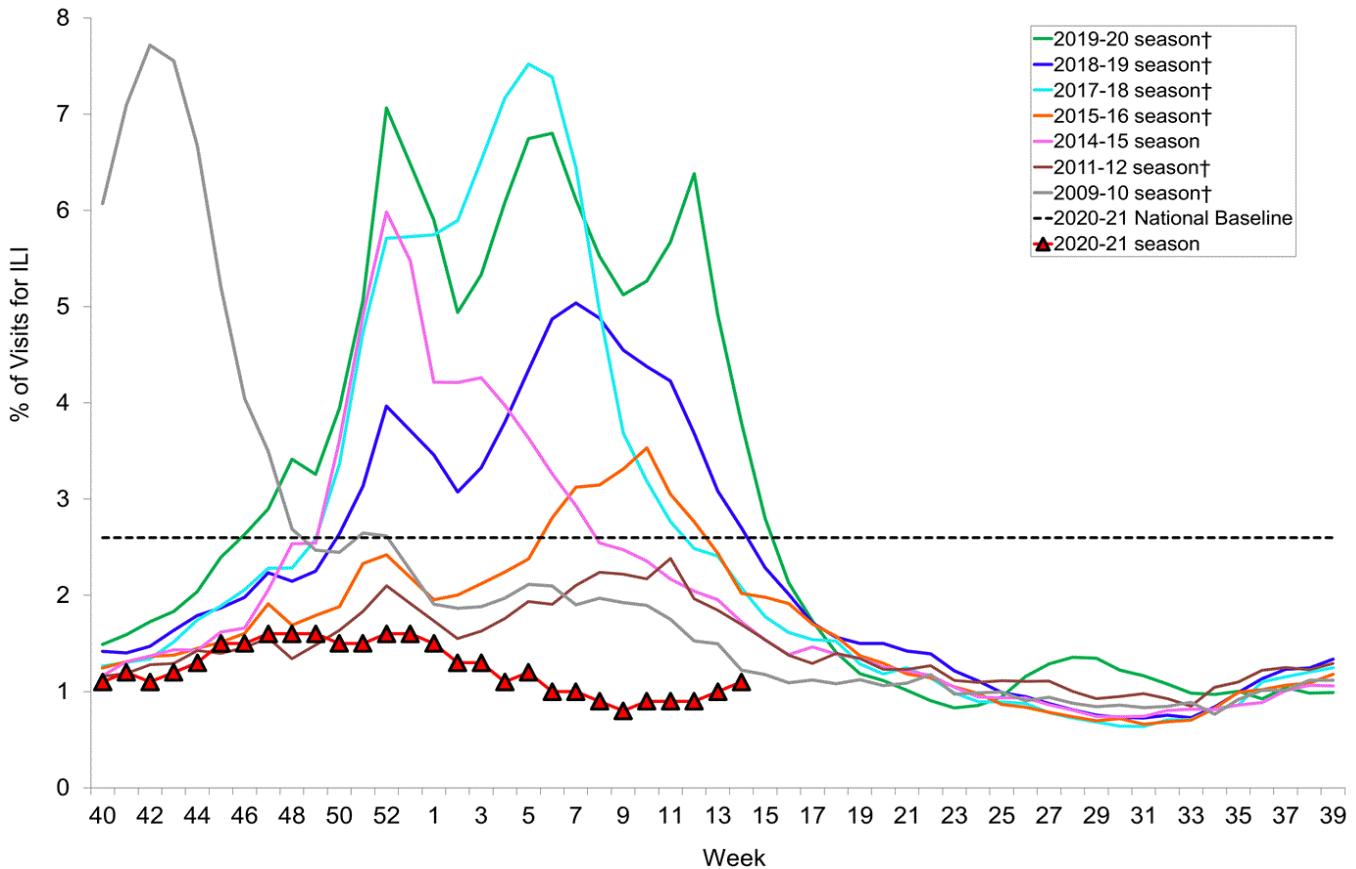


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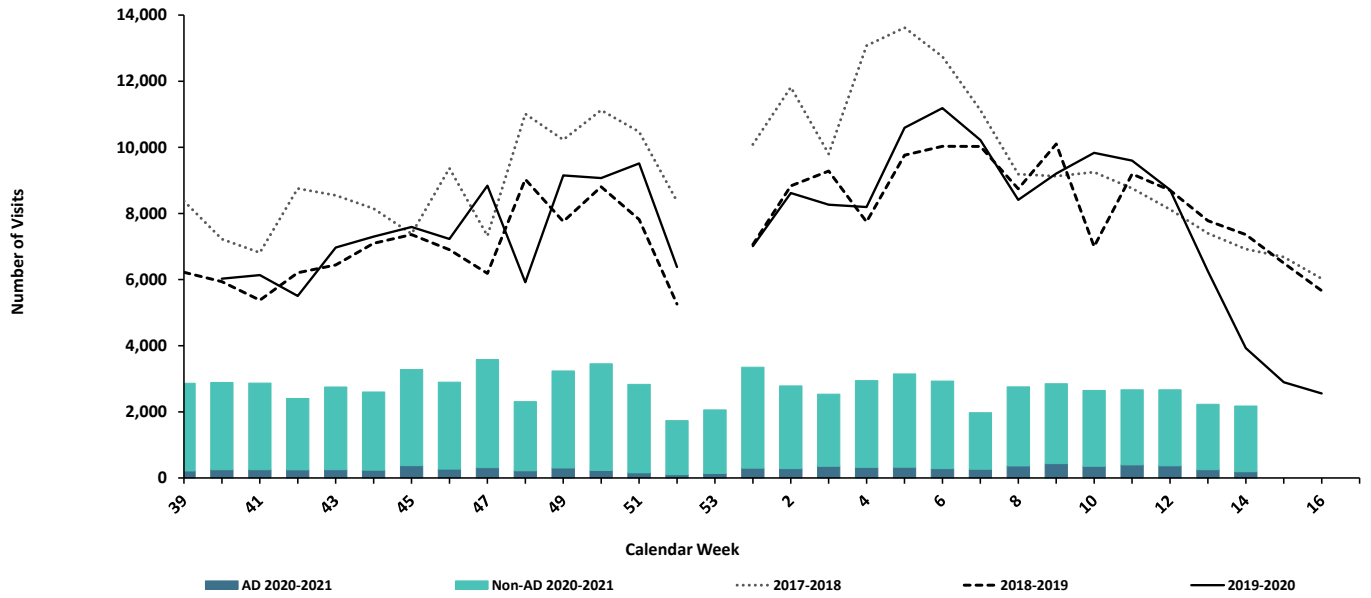
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons



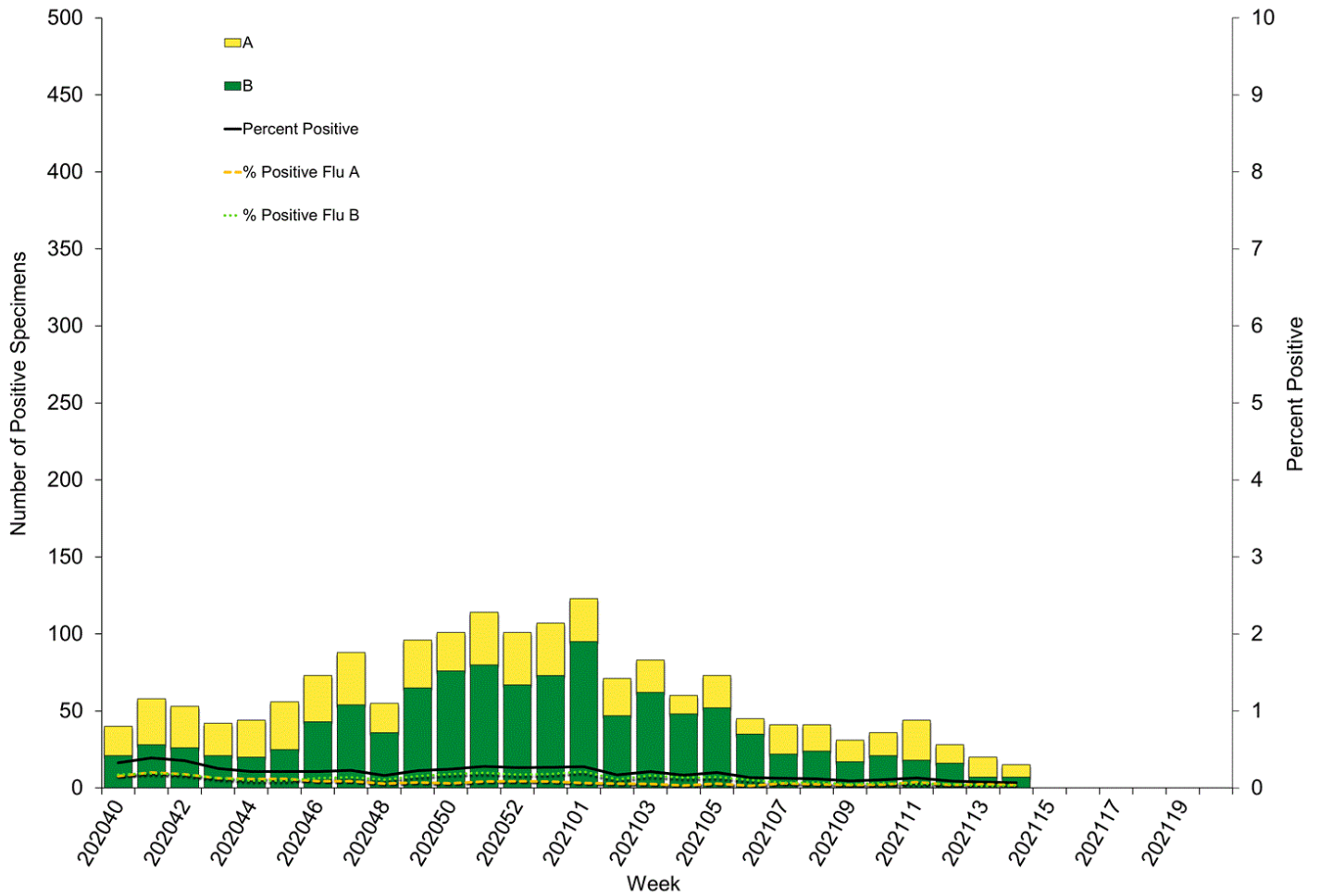
†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.



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



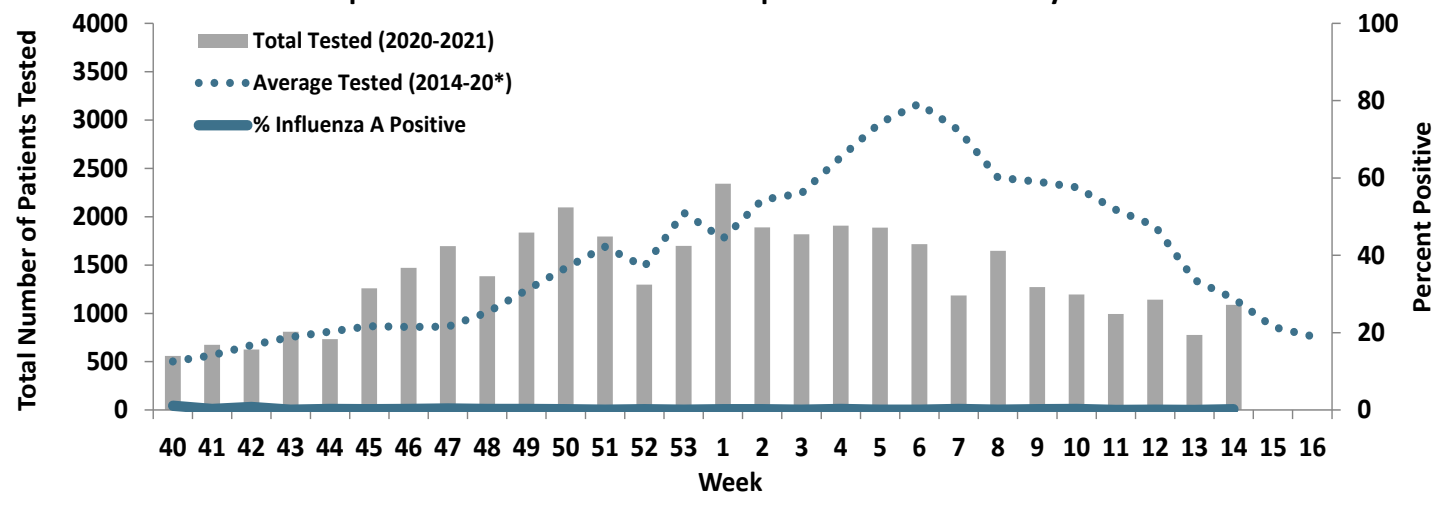
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – April 10, 2021



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