

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 20 March 2021 (Week 11)

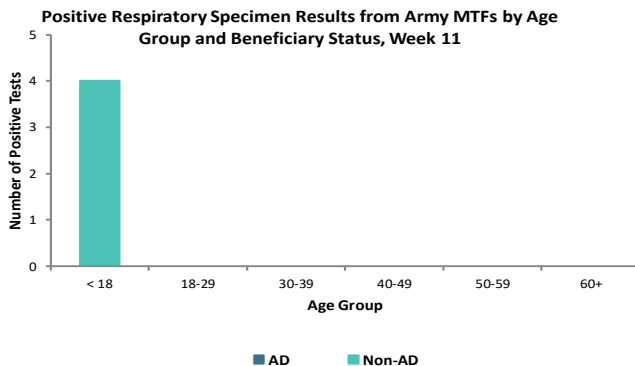
SUMMARY

Influenza activity remains low in the Army population. Two positive influenza B specimens were reported during surveillance week 11, and no positive influenza A specimens were reported. No hospitalizations were reported in week 11; the season total thus far is four compared to 247 influenza-associated hospitalizations reported as of this time last season. All specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 11. 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](#).

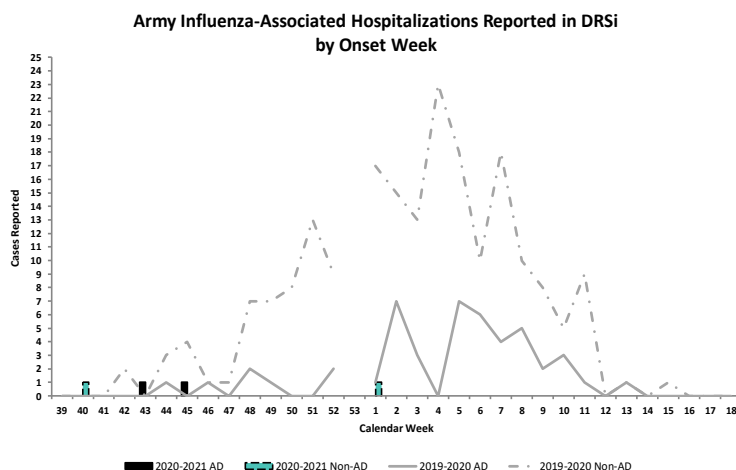
DEMOGRAPHICS



AD: No positive respiratory specimens were collected from active duty (AD) Service members during week 11.

Non-AD: Four positive respiratory specimens were collected from non-AD individuals during week 11; all were collected from individuals under 18 years of age.

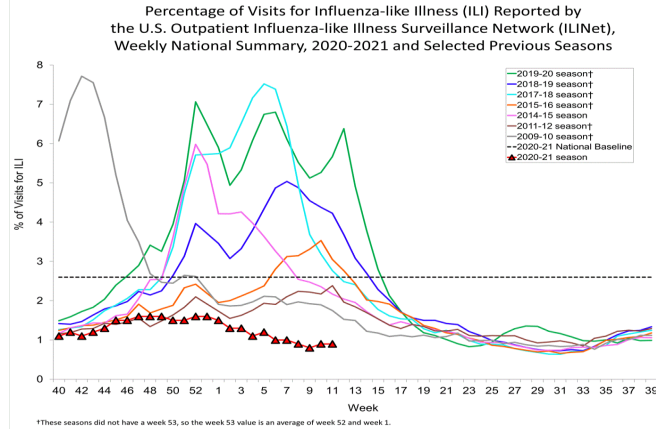
INFLUENZA-ASSOCIATED HOSPITALIZATIONS



No influenza-associated hospitalizations with onset dates in week 11 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, 10 hospitalizations were reported in week 11 (with 247 hospitalizations reported from start of the season through week 11).

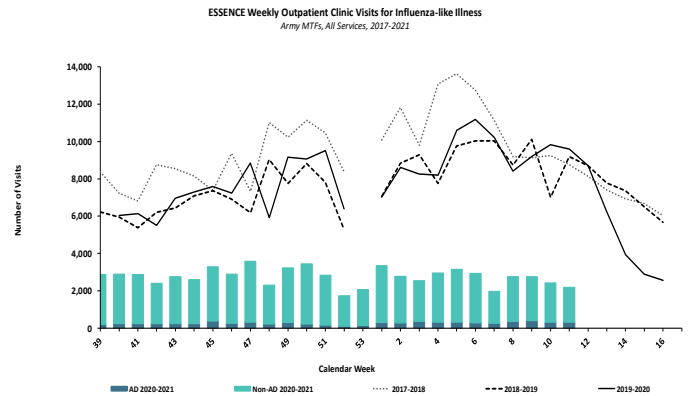
*DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

ILI ACTIVITY - UNITED STATES

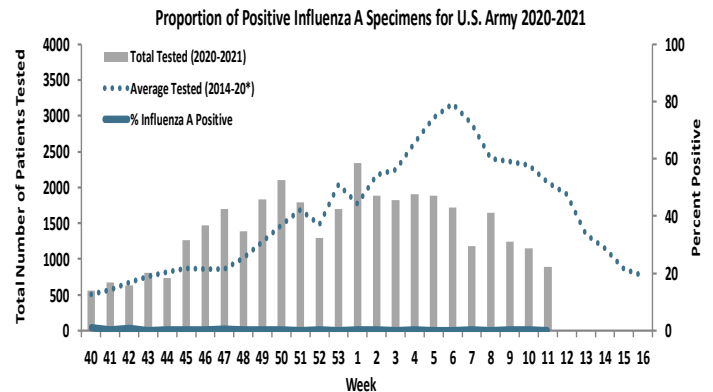
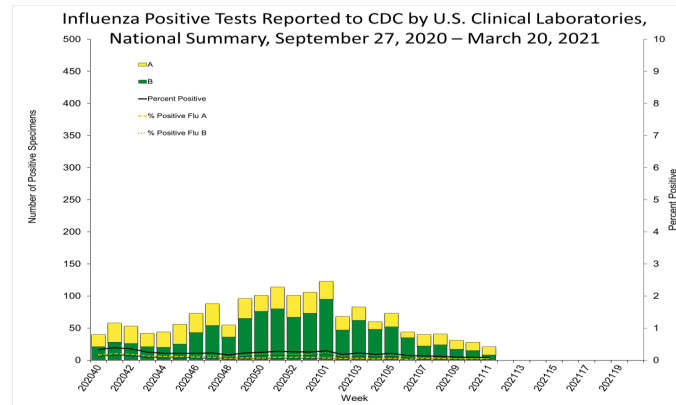


Nationwide in week 11, incident ILI activity was 0.9%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 9.6% from week 10 to week 11. The majority of ILI encounters (85%) occurred among non-AD patients in week 11.

ILI ACTIVITY - ARMY



LABORATORY RESPIRATORY SPECIMEN TESTING



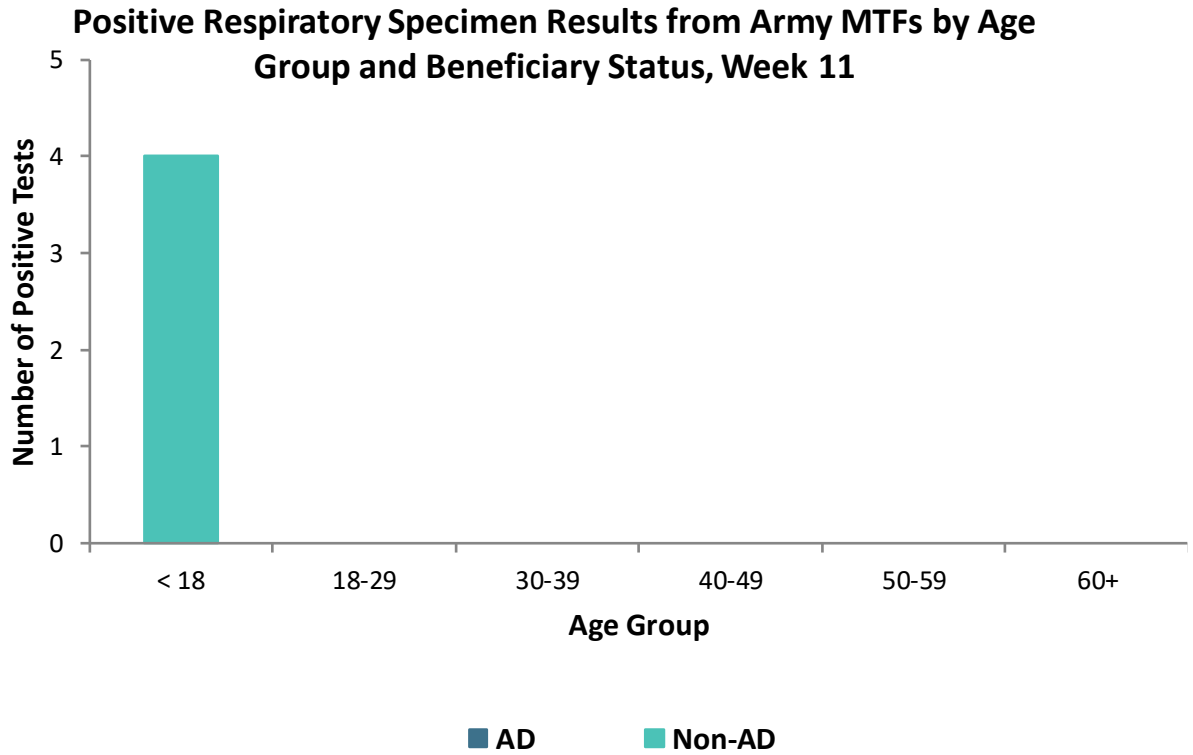
Nationwide during week 11, a total of 23,546 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 21 (0.1%) were positive. Influenza A accounted for 61.9% (n=13) of the total positive specimens. In the Army population, none of the 888 specimens tested for influenza A were positive in week 11.

		Week 8	Week 9	Week 10	Week 11	Season Total
Army MTF Laboratory Results, 2020-21	Influenza A	2	2	4	0	84
	Influenza B	3	3	4	2	94
	Adenovirus	1	4	3	0	69
	Enterovirus	3	3	1	2	257
	Parainfluenza	0	1	0	0	10
	RSV	1	1	1	0	42
	Negative	3,974	3,244	3,135	2,367	85,385
	Total	3,984	3,258	3,148	2,371	85,941

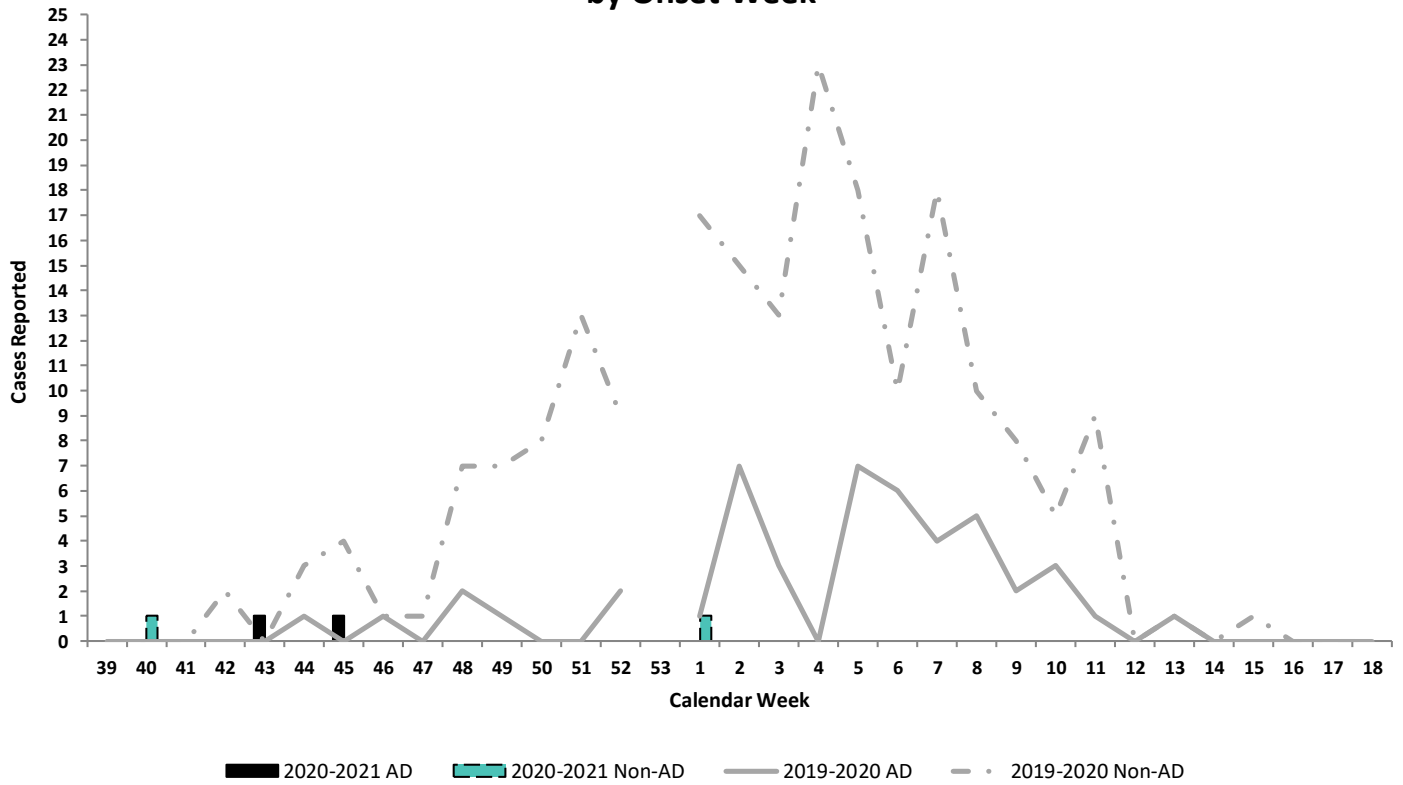
Of the 2,371 specimens tested in week 11, less than 1% (n=4) were positive for any type of respiratory illness. Influenza B and enterovirus each accounted for 50% (n=2) of the positive specimens.

Additionally, the reported number of specimens tested decreased by 25% since week 10 (n=3,148).

Locations providing week 11 laboratory data as of 24 March 2021: Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Lee, Ft Lewis, Ft Polk, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Landstuhl Regional Medical Center, Tripler Army Medical Center, and the U.S. Military Academy.



Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

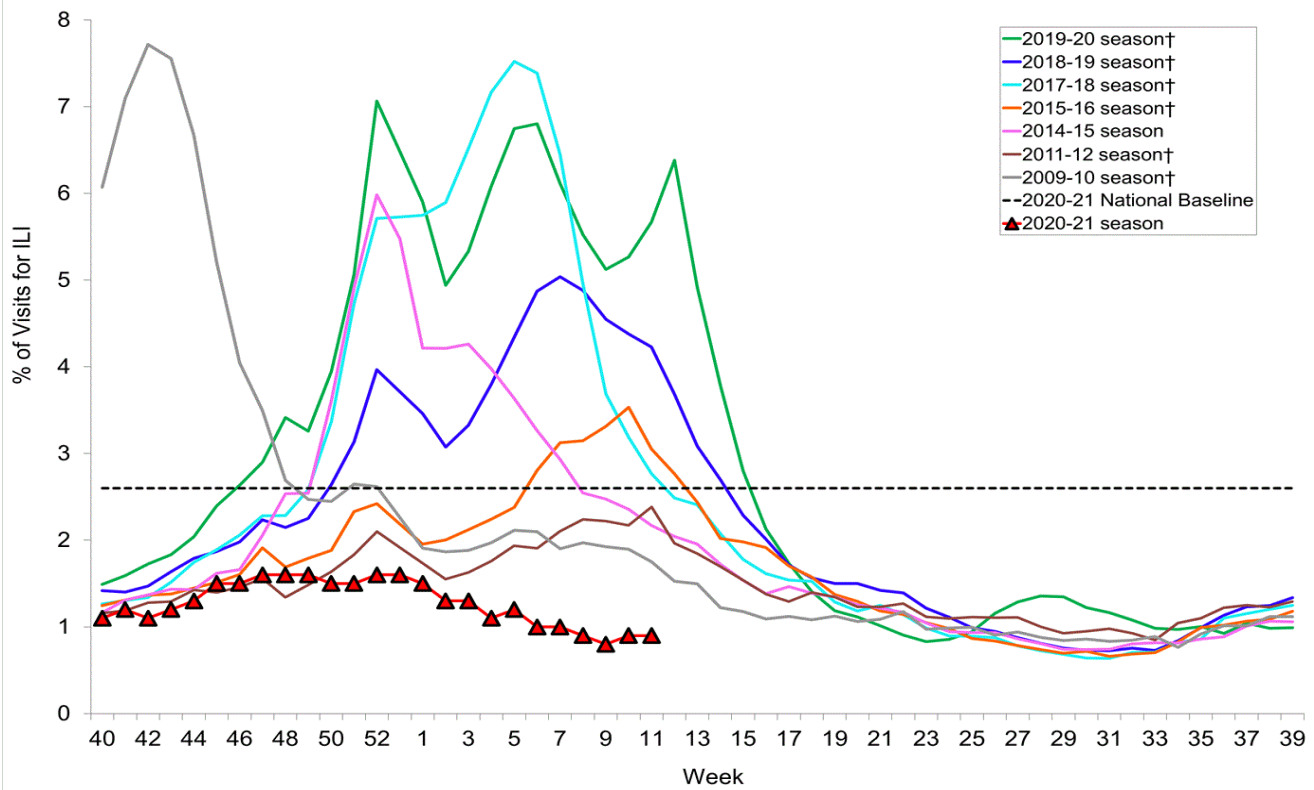


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons

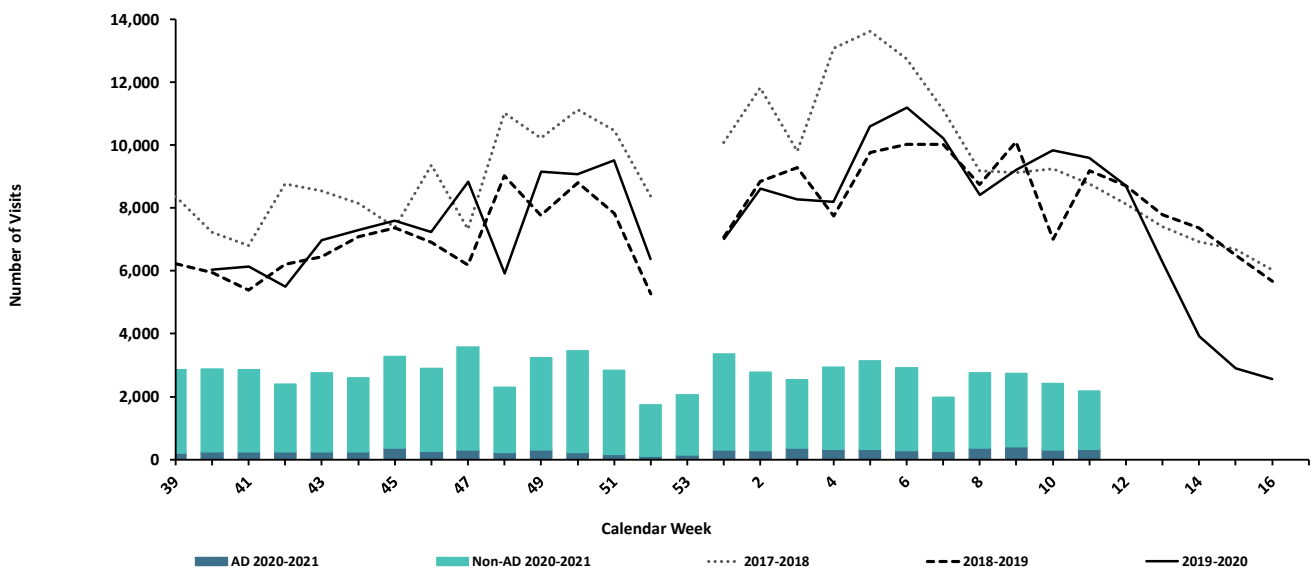


†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.

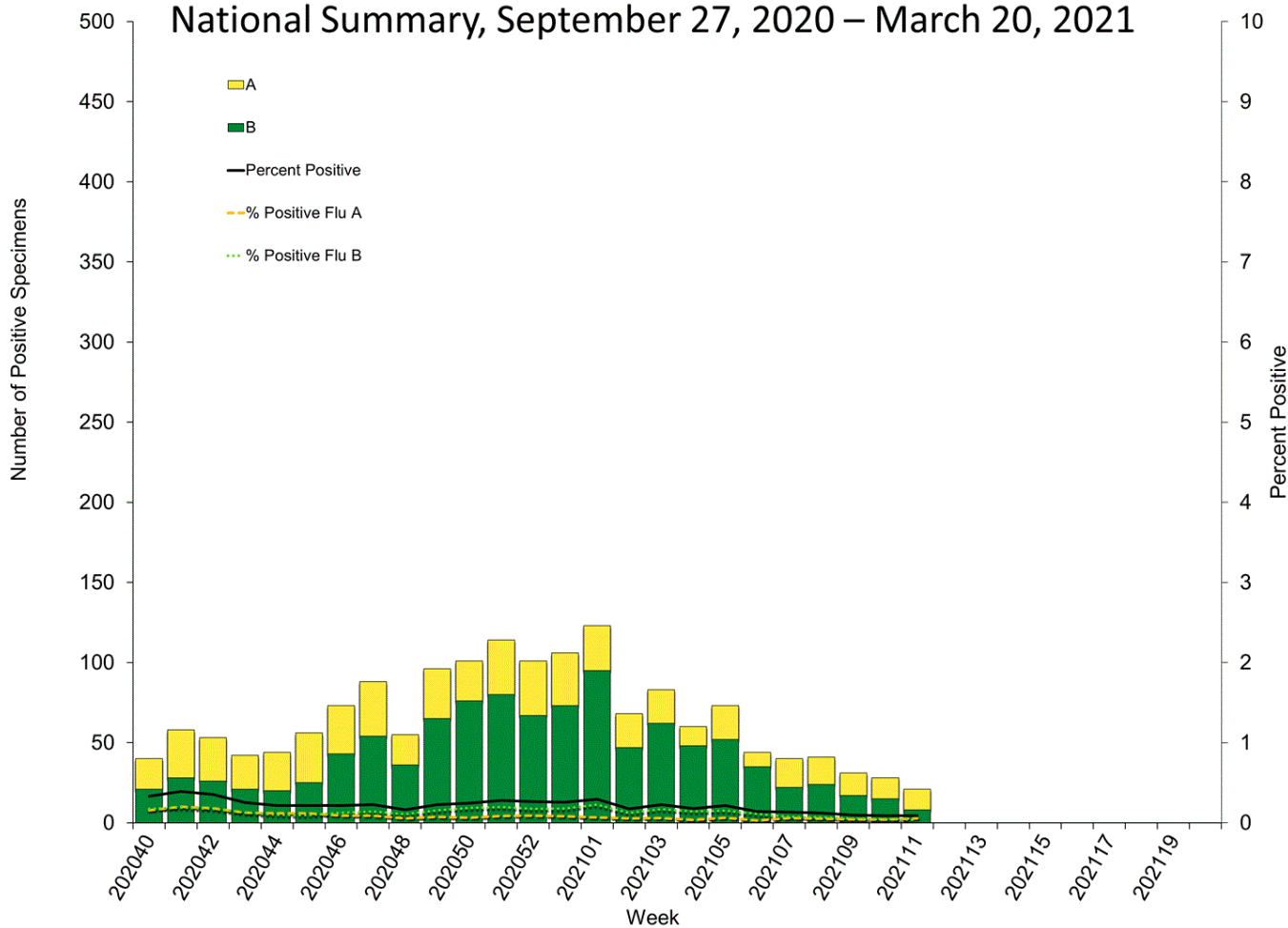
Source: Centers for Disease Control and Prevention (CDC)



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

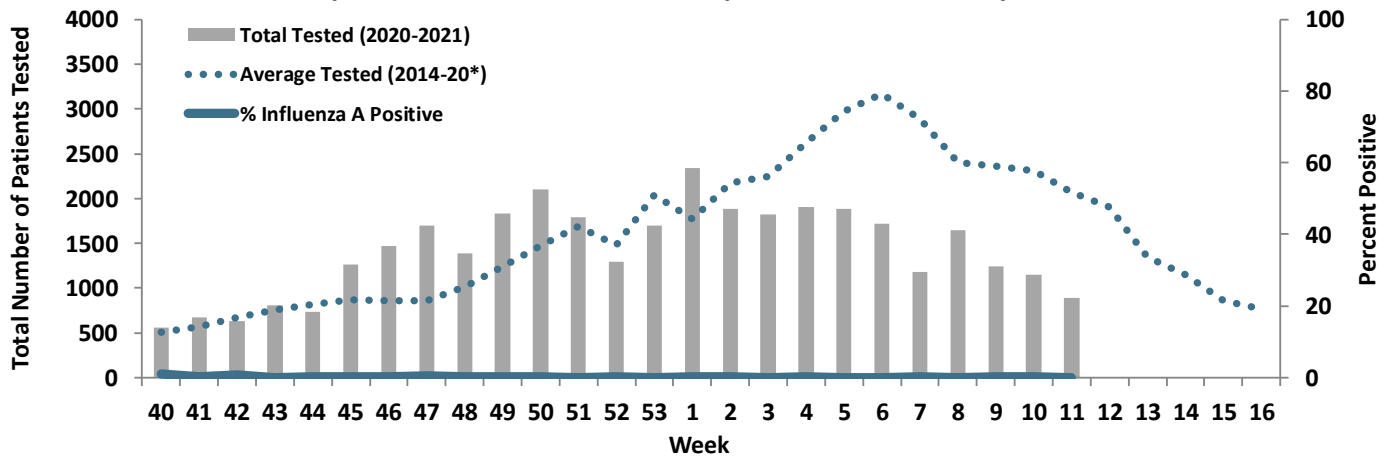


Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – March 20, 2021



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