

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 06 March 2021 (Week 9)

Influenza Vaccination Coverage*

As of 11 March 2021

93%	Army Active Duty
81%	Army Guard
90%	Army Reserve

*Data Source: MEDPROS

Click to enlarge images.

SUMMARY

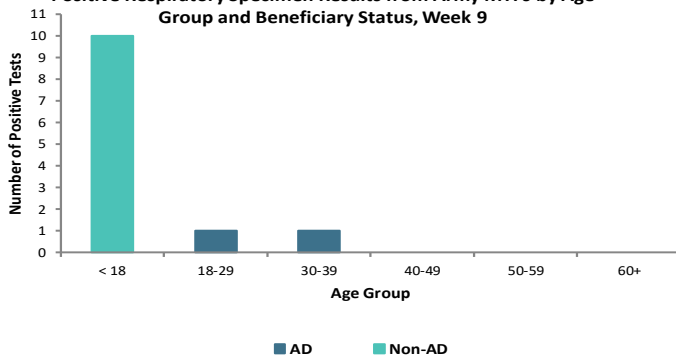
Influenza activity remains low in the Army population. One positive influenza A specimen was reported during week 9, and three positive influenza B specimens were reported. No hospitalizations were reported in week 9; the season total thus far is four compared to 229 influenza-associated hospitalizations reported as of this time last season. Individuals younger than 18 were most affected by select respiratory illnesses in the Army population; 83% (n=10) of positive specimens were collected from this age group for week 9. 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

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 9

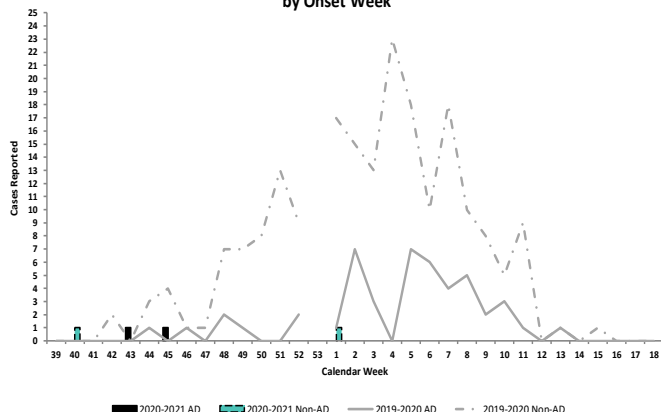


AD: Two positive respiratory specimens were collected from active duty (AD) Service members during week 9; they were collected from individuals in the 18-29 and 30-39 age groups.

Non-AD: Ten positive respiratory specimens were collected from non-AD individuals during week 9; all were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

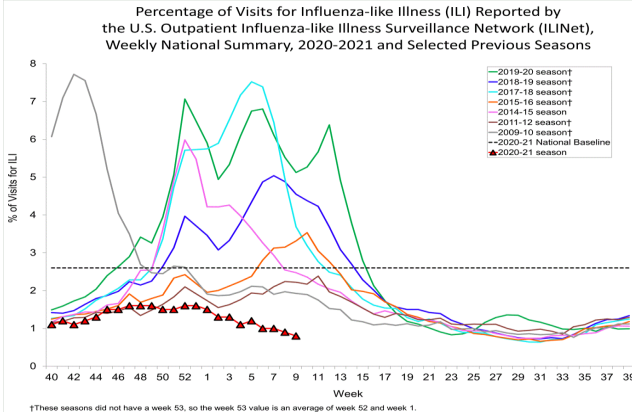


No influenza-associated hospitalizations with onset dates in week 9 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, 10 hospitalizations were reported in week 9 (with 229 hospitalizations reported from start of the season through week 9).

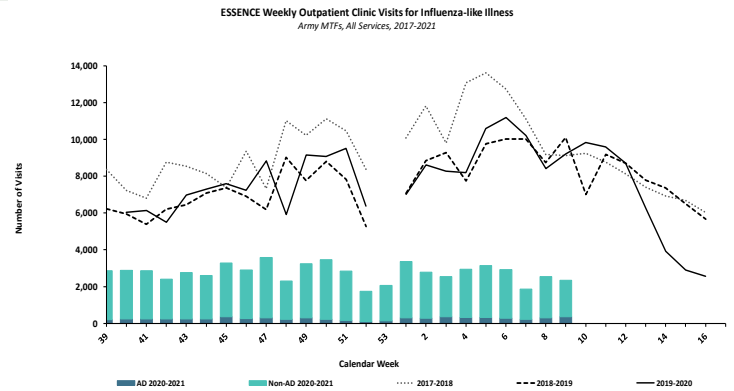
*DRSi does not capture cases older than 65 years old for influenza-associated hospitalizations.

Questions?
Email [APHC DEP](#)

ILI ACTIVITY - UNITED STATES

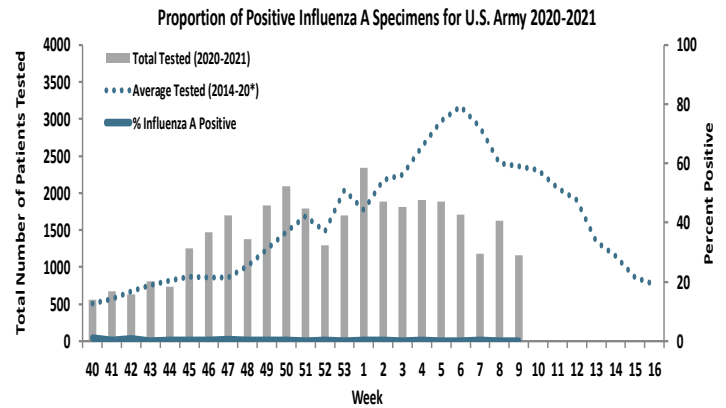
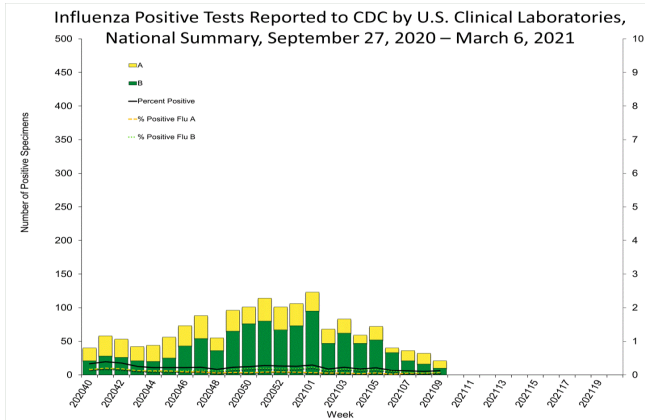


ILI ACTIVITY - ARMY



Nationwide in week 9, incident ILI activity was 0.8%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 8% from week 8 to week 9. The majority of ILI encounters (84%) occurred among non-AD patients in week 9.

LABORATORY RESPIRATORY SPECIMEN TESTING



Nationwide during week 9, a total of 16,799 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 21 (0.1%) were positive. Influenza A accounted for 52.4% (n=11) of the total positive specimens. In the Army population, one of the 1,158 specimens tested for influenza A was positive in week 9.

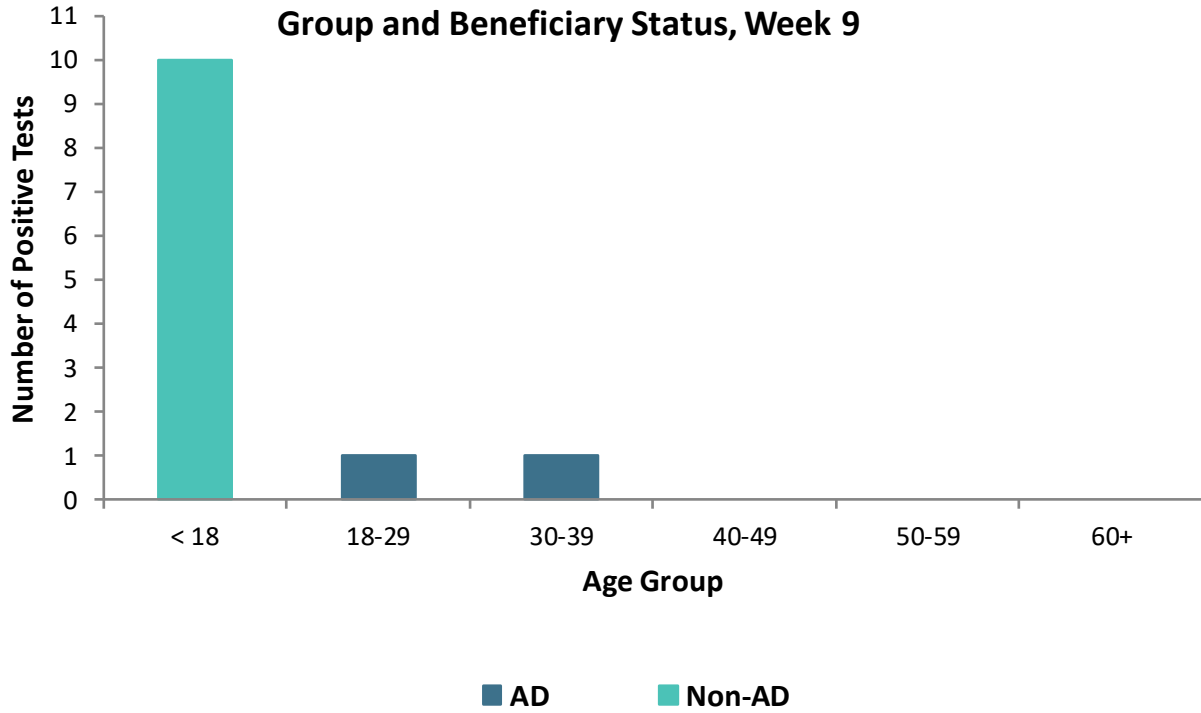
		Week 6	Week 7	Week 8	Week 9	Season Total
Army MTF Laboratory Results, 2020-21	Influenza A	1	3	2	1	79
	Influenza B	6	2	2	3	87
	Adenovirus	0	3	1	3	65
	Enterovirus	2	2	3	3	254
	Parainfluenza	0	0	0	1	10
	RSV	1	5	1	1	41
	Negative	4,211	3,052	3,922	3,065	79,553
	Total	4,221	3,067	3,931	3,077	80,089

Of the 3,077 specimens tested in week 9, less than 1% (n=12) were positive for any type of respiratory illness. Influenza B, adenovirus, and enterovirus each accounted for 25% (n=3) of the positive specimens, while influenza A, parainfluenza, and respiratory syncytial virus (RSV) each accounted for 8% (n=1) of the positive specimens.

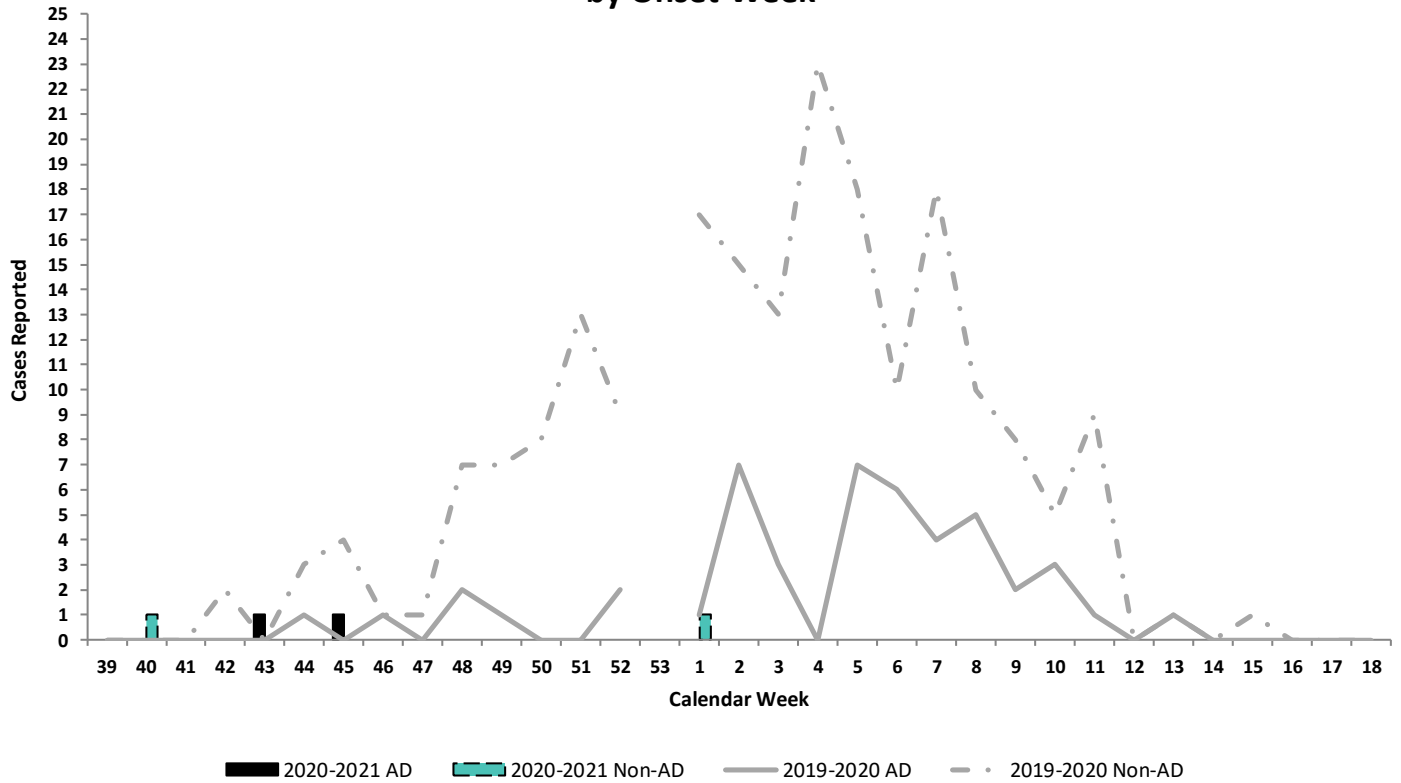
Additionally, the reported number of specimens tested decreased by 22% since week 8 (n=3,931).

Locations providing week 9 laboratory data as of 11 March 2021: Ft Belvoir, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Landstuhl Regional Medical Center, Tripler Army Medical Center, the U.S. Military Academy, and Walter Reed National Military Medical Center.

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 9



Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

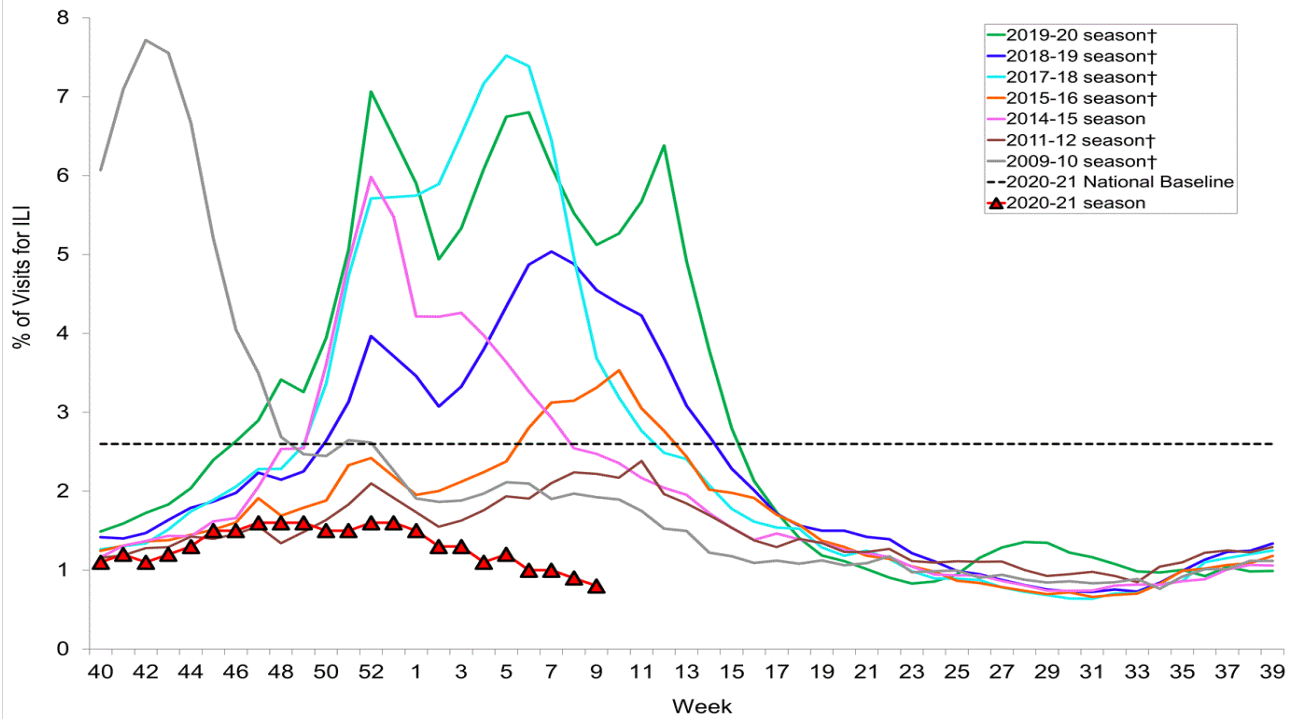


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons

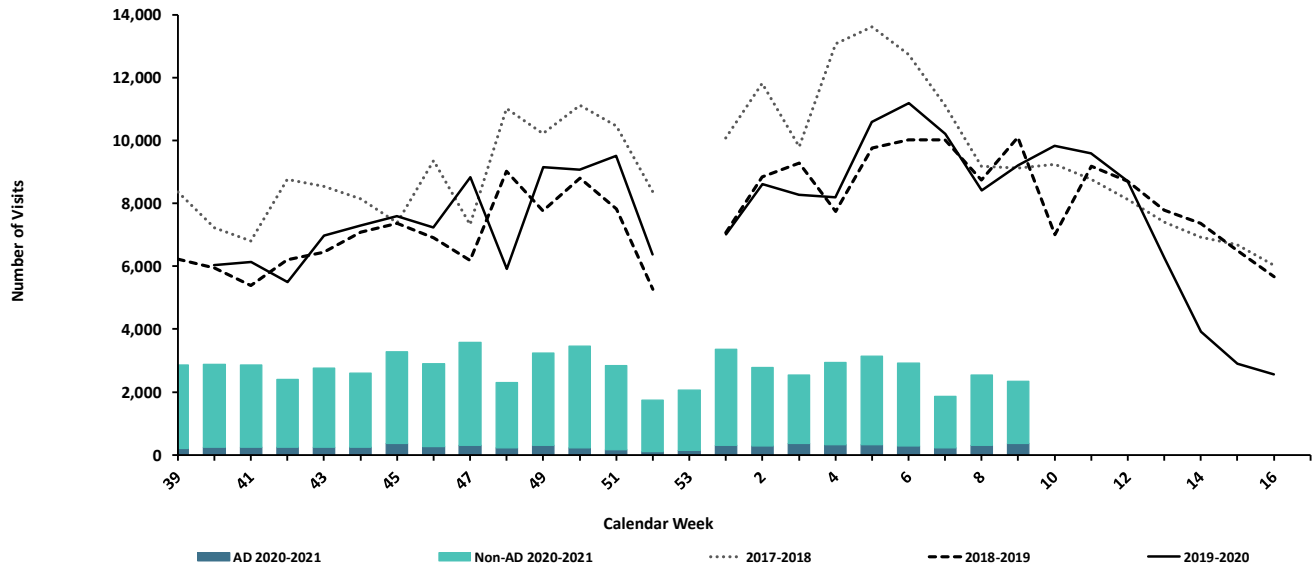


†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.

Source: Centers for Disease Control and Prevention (CDC)

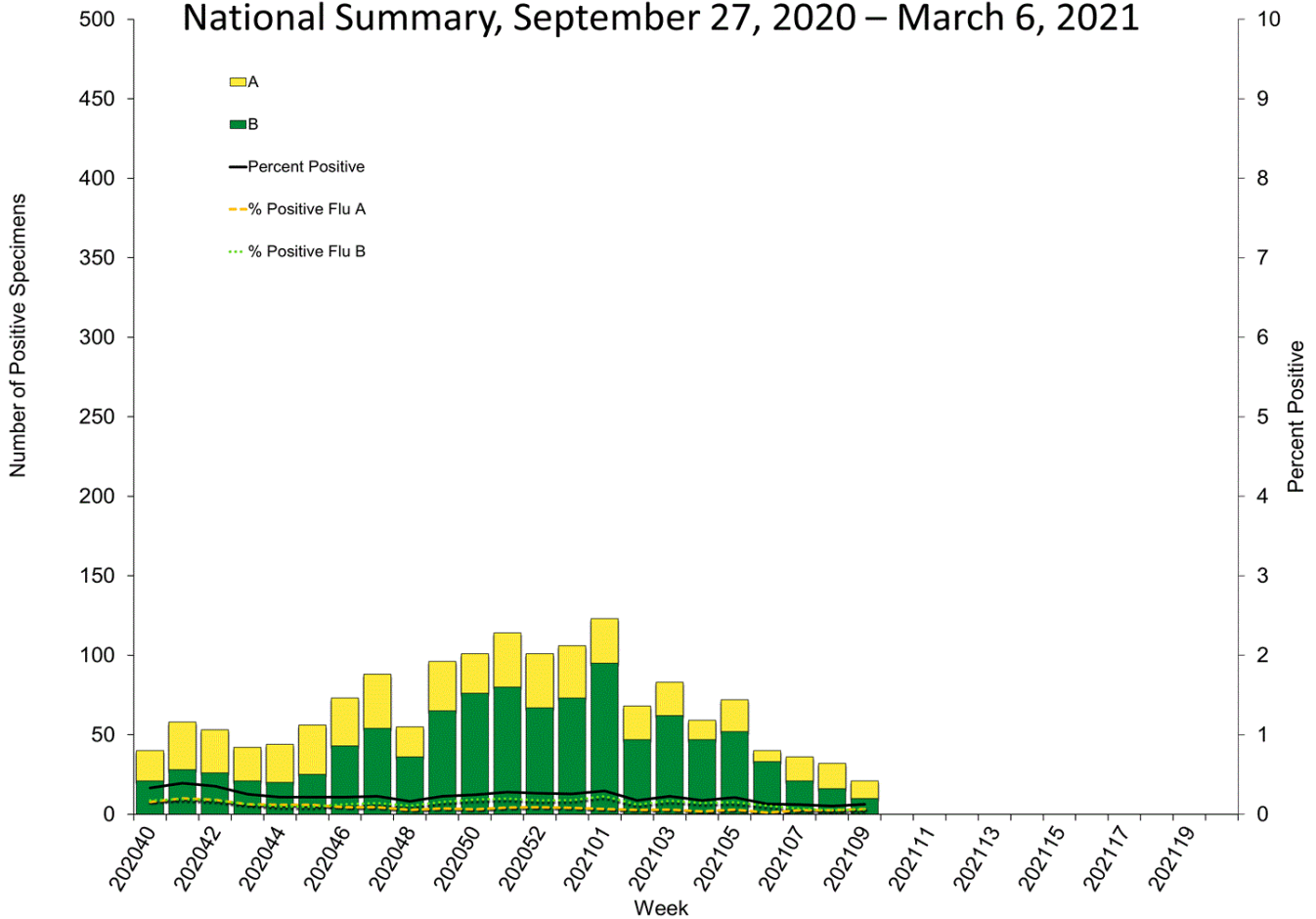


ESSENCE Weekly Outpatient Clinic Visits for Influenza-like Illness
Army MTFs, All Services, 2017-2021



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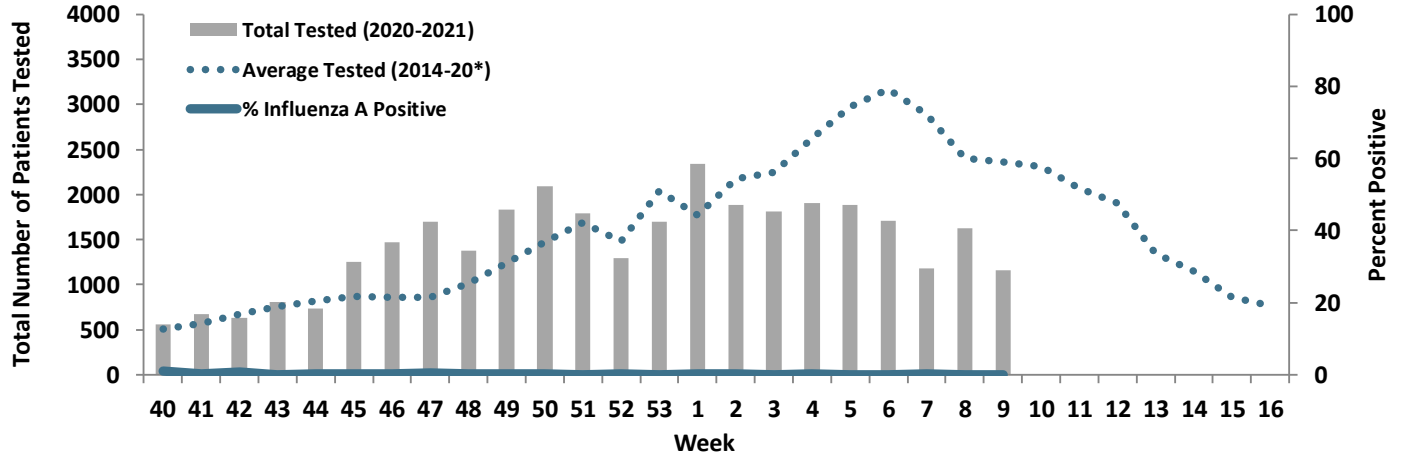
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – March 6, 2021



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