

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 8 May 2021 (Week 18)

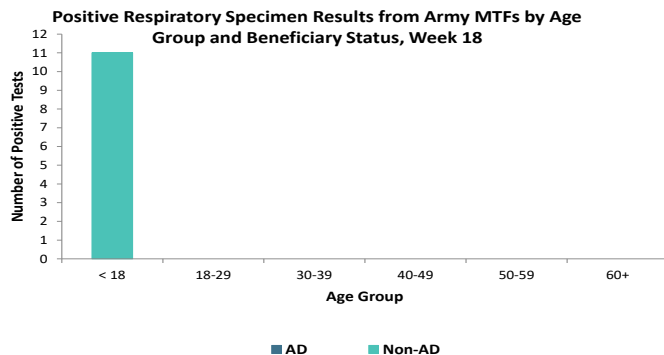
SUMMARY

Influenza activity remains low in the Army population. Two positive influenza A specimens and one positive influenza B specimen were reported during surveillance week 18. No hospitalizations were reported in week 18; the season total thus far is four compared to 250 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 18. 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](#).

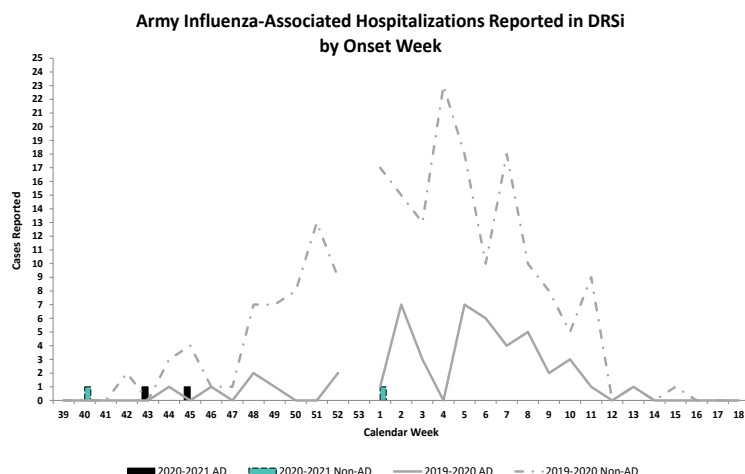
DEMOGRAPHICS



AD: No positive respiratory specimens were collected from active duty (AD) Service members during week 18.

Non-AD: Eleven positive respiratory specimens were collected from non-AD individuals during week 18; 100% (n=11) of the positive specimens were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

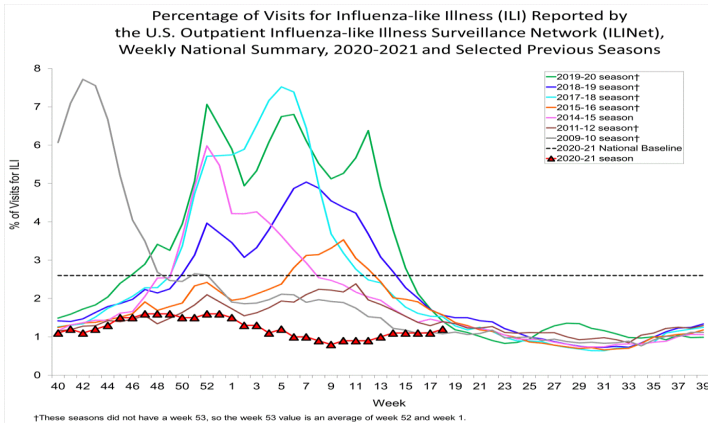


No influenza-associated hospitalizations with onset dates in week 18 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, no hospitalizations were reported in week 18 (with 250 hospitalizations reported from start of the season through week 18).

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

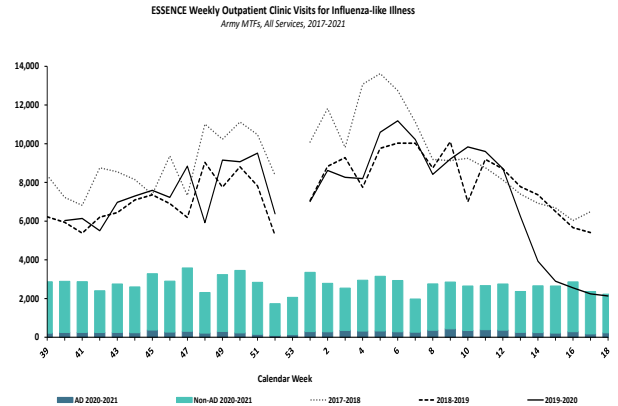
Questions?
Email [APHC DEP](#)

ILI ACTIVITY - UNITED STATES

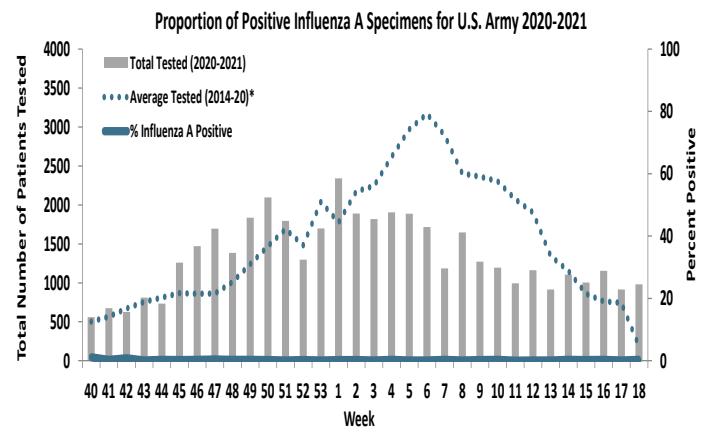
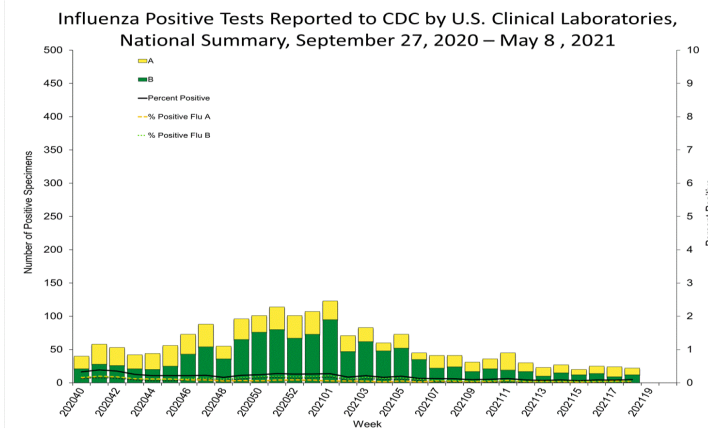


Nationwide in week 18, incident ILI activity was 1.2%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 5.8% from week 17 to week 18. The majority of ILI encounters (90%) occurred among non-AD patients in week 18.

ILI ACTIVITY - ARMY



LABORATORY RESPIRATORY SPECIMEN TESTING



Nationwide during week 18, a total of 22,487 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 22 (0.1%) were positive. Influenza A accounted for 45.5% (n=10) of the total positive specimens. In the Army population, 2 (0.3%) of the 982 specimens tested for influenza A were positive in week 18.

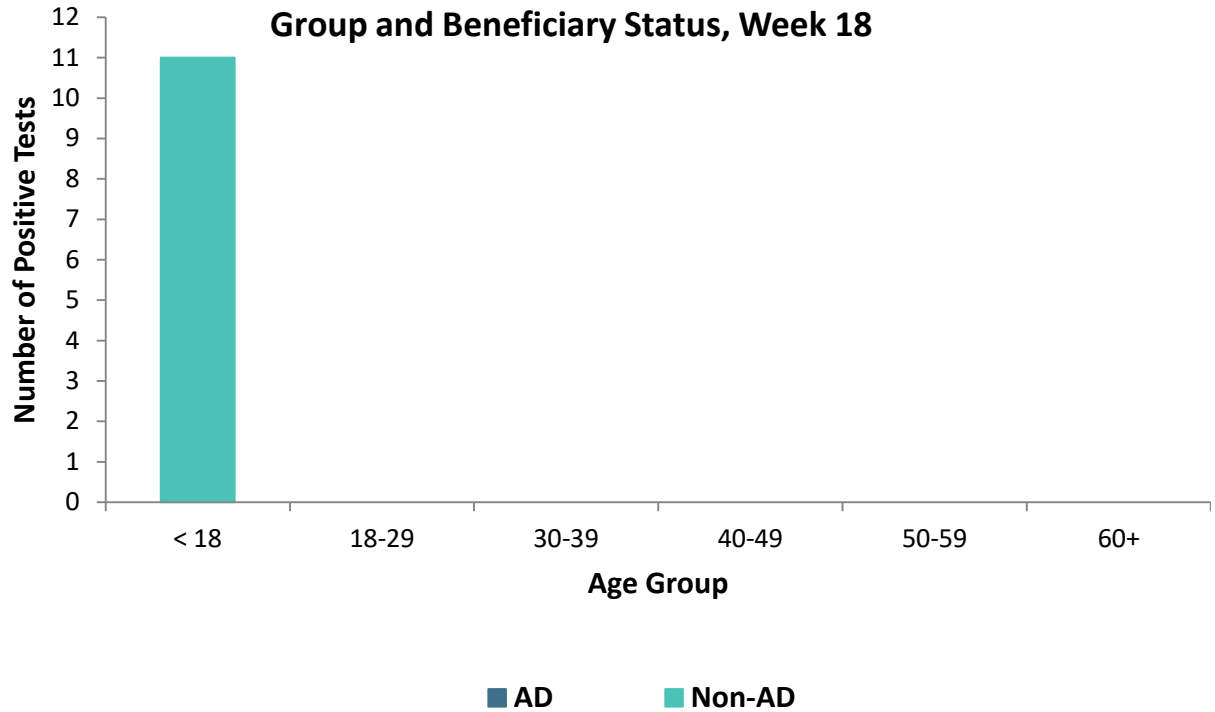
	Week 15	Week 16	Week 17	Week 18	Season Total	
Army MTF Laboratory Results, 2020-21	Influenza A	2	3	1	2	97
	Influenza B	7	2	3	1	111
	Adenovirus	4	0	3	1	88
	Enterovirus	5	10	1	4	287
	Parainfluenza	1	1	1	1	18
	RSV	1	2	5	2	57
	Negative	2,784	3,201	3,168	2,749	107,005
	Total	2,804	3,219	3,182	2,760	107,663

Of the 2,760 specimens tested in week 18, less than 1% (n=11) were positive for any type of respiratory illness. Enterovirus accounted for 36.4% (n=4), influenza A and respiratory syncytial virus each accounted for 18.2% (n=2), and influenza B, adenovirus, and parainfluenza each accounted for 9.1% (n=1) of the positive specimens.

Additionally, the reported number of specimens tested decreased by 13.3% since week 17 (n=3,182).

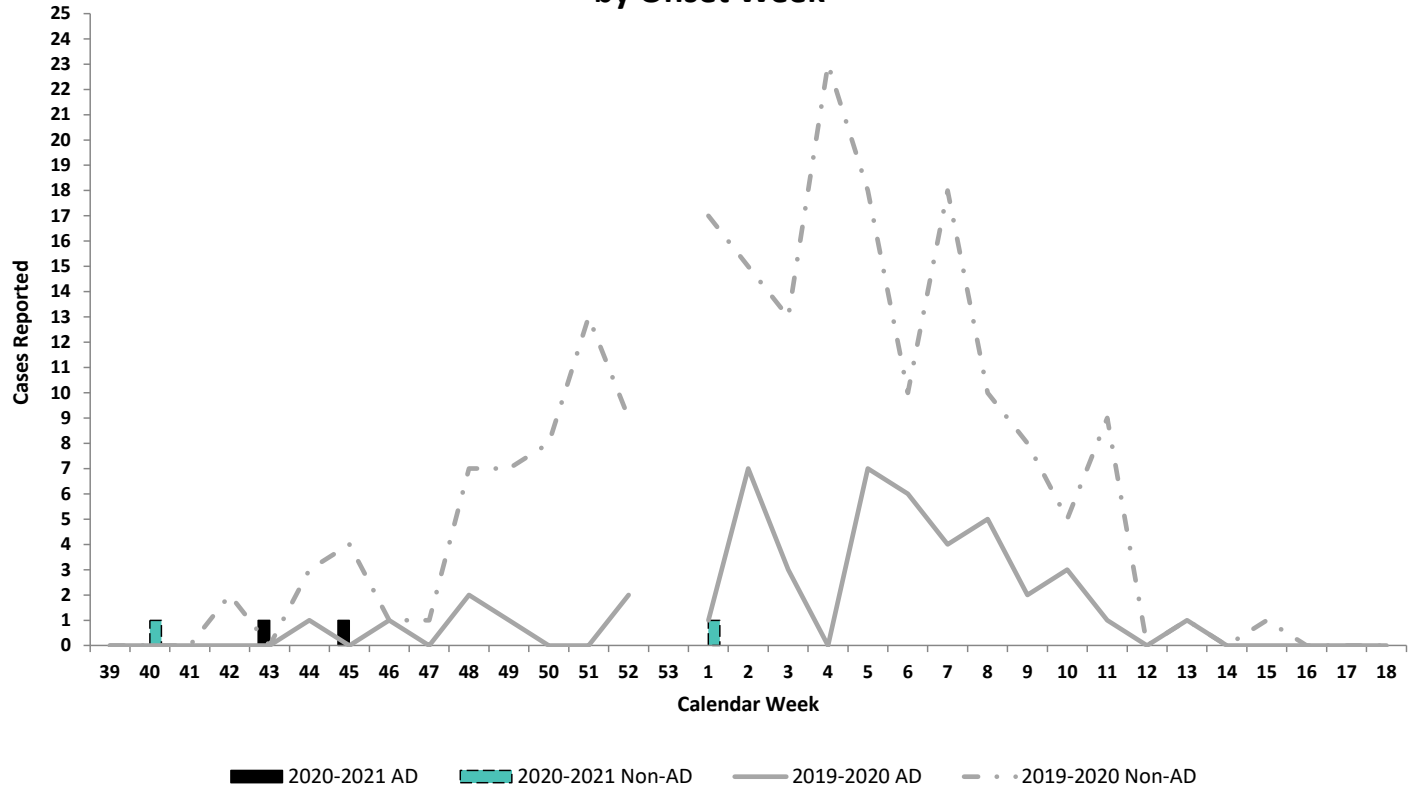
Locations providing week 18 laboratory data as of 12 May 2021: Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Lewis, Ft Polk, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Redstone Arsenal, the U.S Military Academy, and Tripler Army Medical Center.

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 18



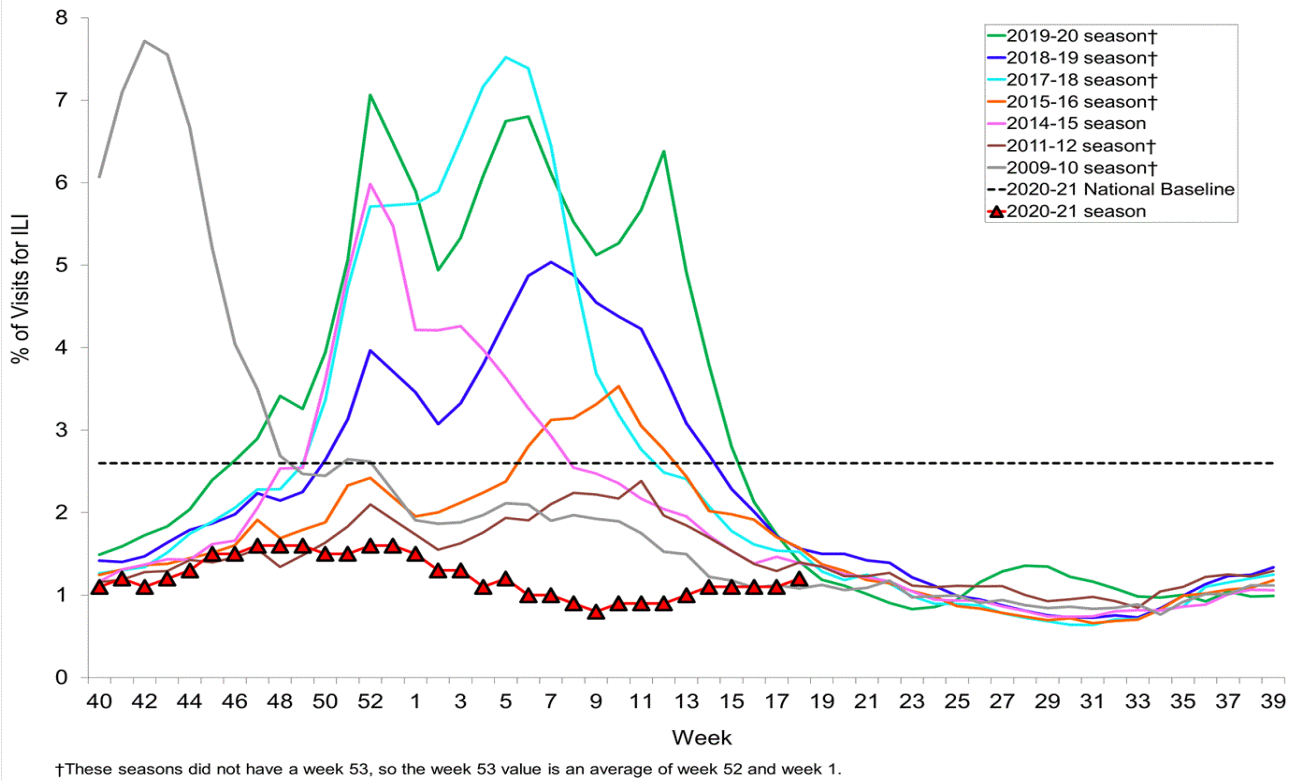


Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week





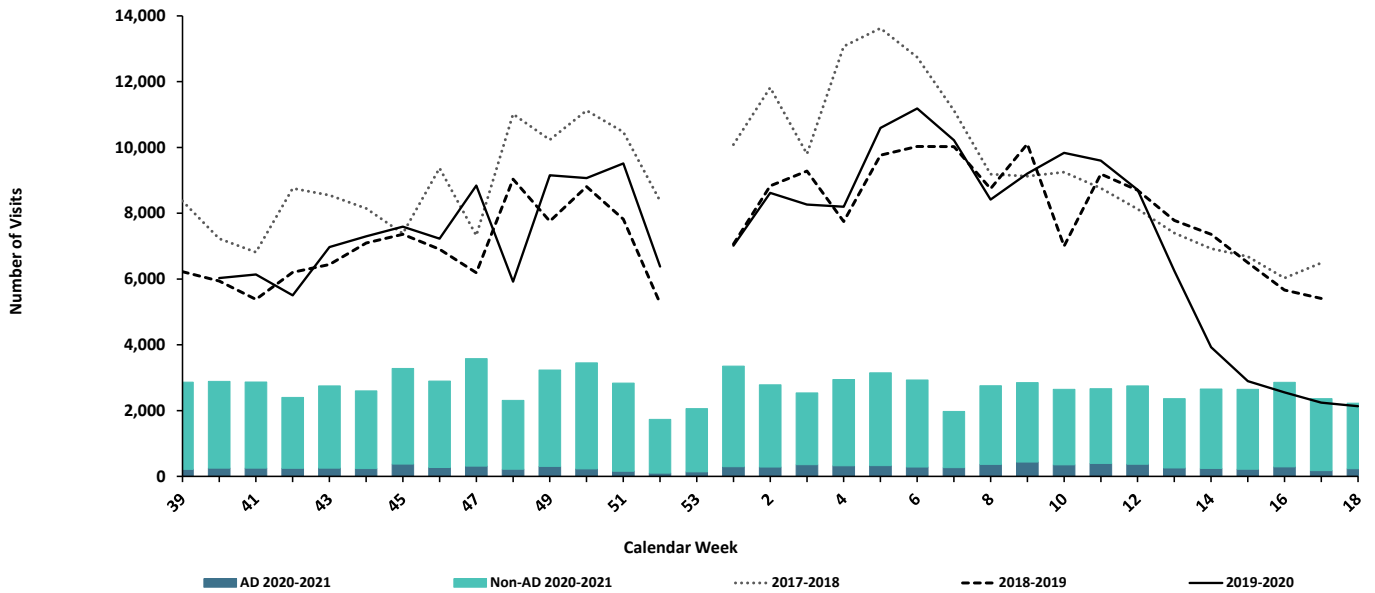
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2020-2021 and Selected Previous Seasons



Source: Centers for Disease Control and Prevention (CDC)



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

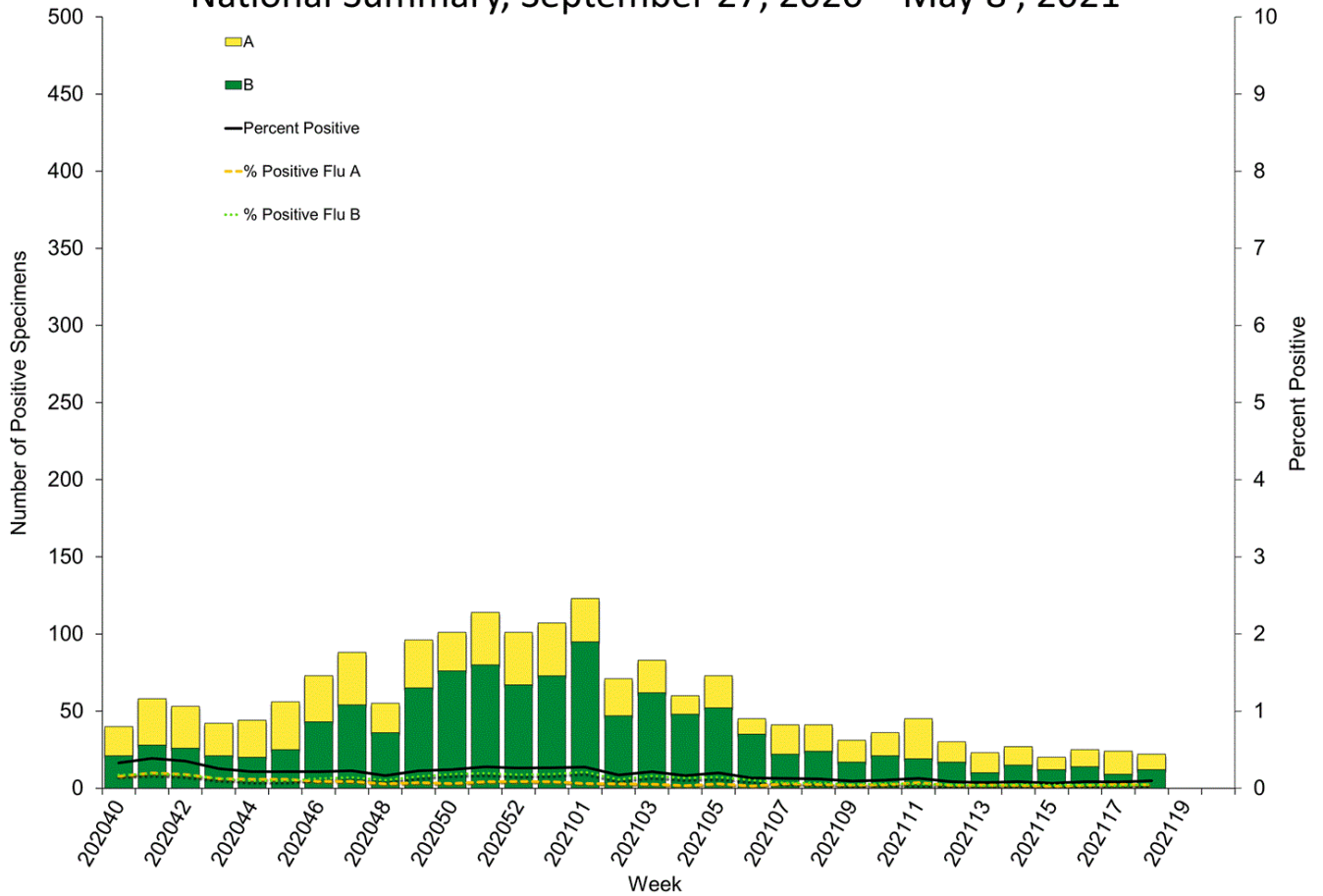


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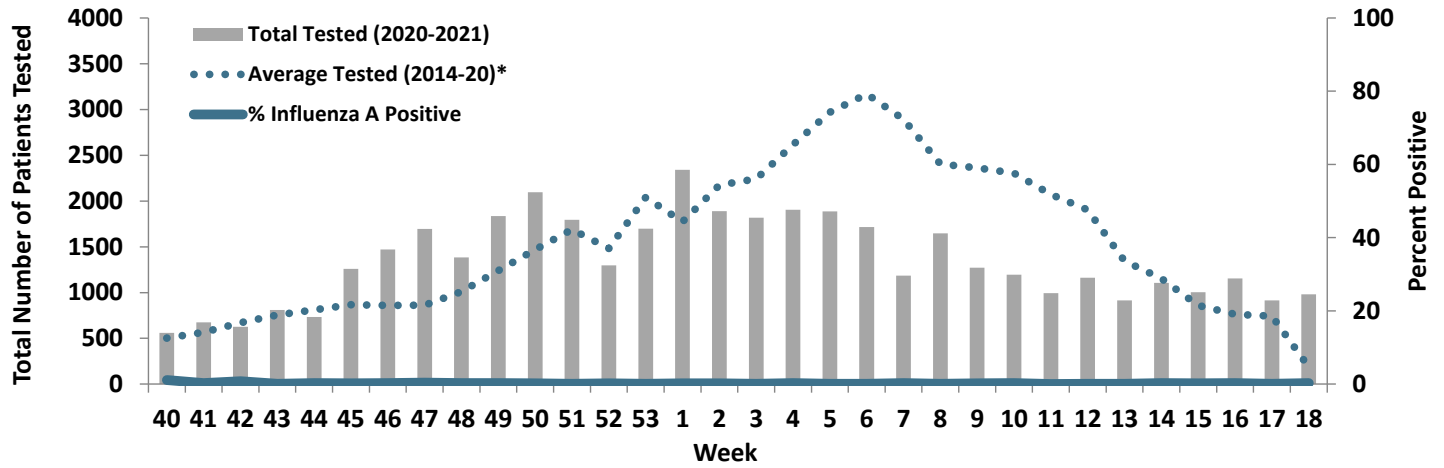
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – May 8, 2021



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