

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 20 February 2021 (Week 7)

Influenza Vaccination Coverage*

As of 25 February 2021

| | |
|-----|------------------|
| 92% | Army Active Duty |
| 81% | Army Guard |
| 89% | Army Reserve |

*Data Source: MEDPROS

Click to enlarge images.

SUMMARY

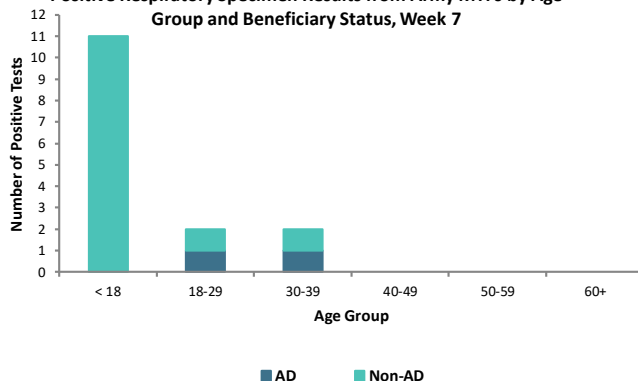
Influenza activity remains low in the Army population. Three positive influenza A specimens were reported during week 7, and two positive influenza B specimens were reported. No hospitalizations were reported in week 7; the season total thus far is four compared to 204 influenza-associated hospitalizations reported as of this time last season. Individuals younger than 18 were most affected by select respiratory illnesses in the Army population; 85% (n=11) of positive specimens were collected from this age group for week 7. 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 7

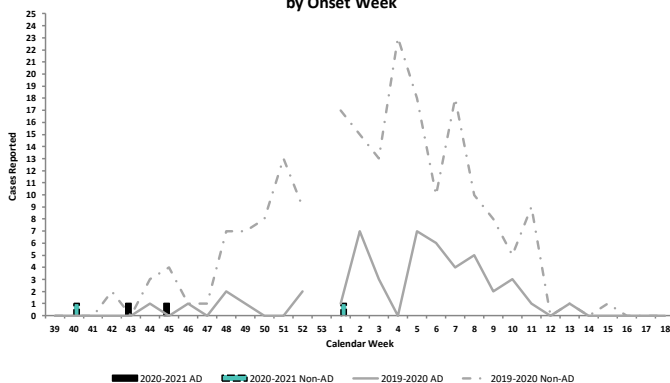


AD: Two positive respiratory specimens were collected from active duty (AD) Service members during week 7; they were collected from individuals in the 18-29 (n=1) and 30-39 (n=1) age groups.

Non-AD: Thirteen positive respiratory specimens were collected from non-AD individuals during week 7; 85% (n=11) were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

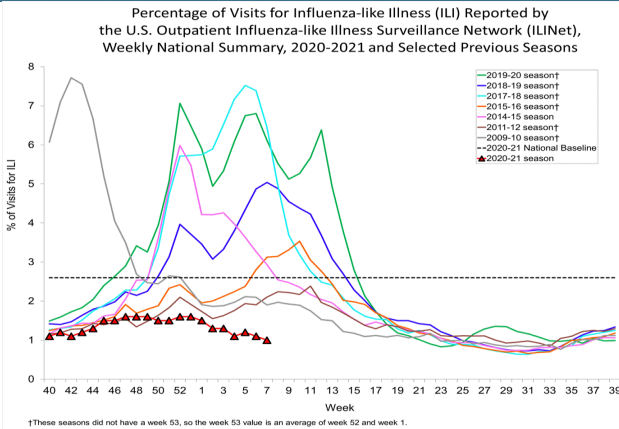
Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



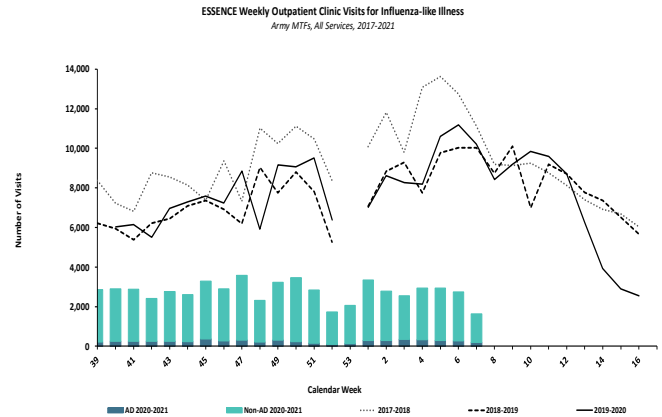
No influenza-associated hospitalizations with onset dates in week 7 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, 22 hospitalizations were reported in week 7 (with 204 hospitalizations reported from start of the season through week 7).

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

ILI ACTIVITY - UNITED STATES

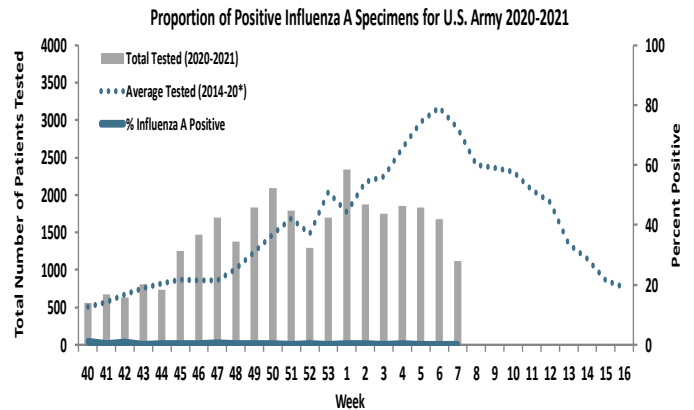
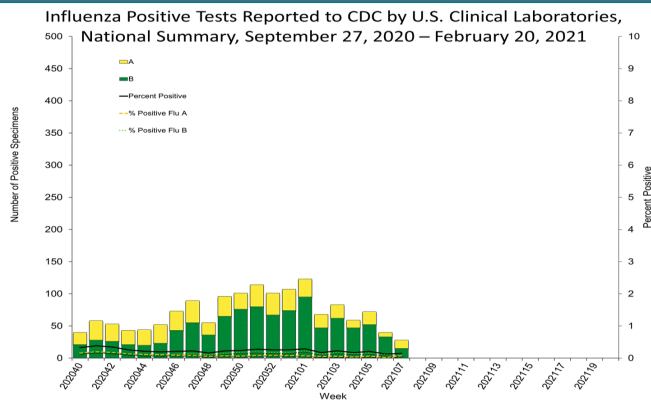


ILI ACTIVITY - ARMY



Nationwide in week 7, 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 40% from week 6 to week 7. The majority of ILI encounters (88%) occurred among non-AD patients in week 7.

LABORATORY RESPIRATORY SPECIMEN TESTING



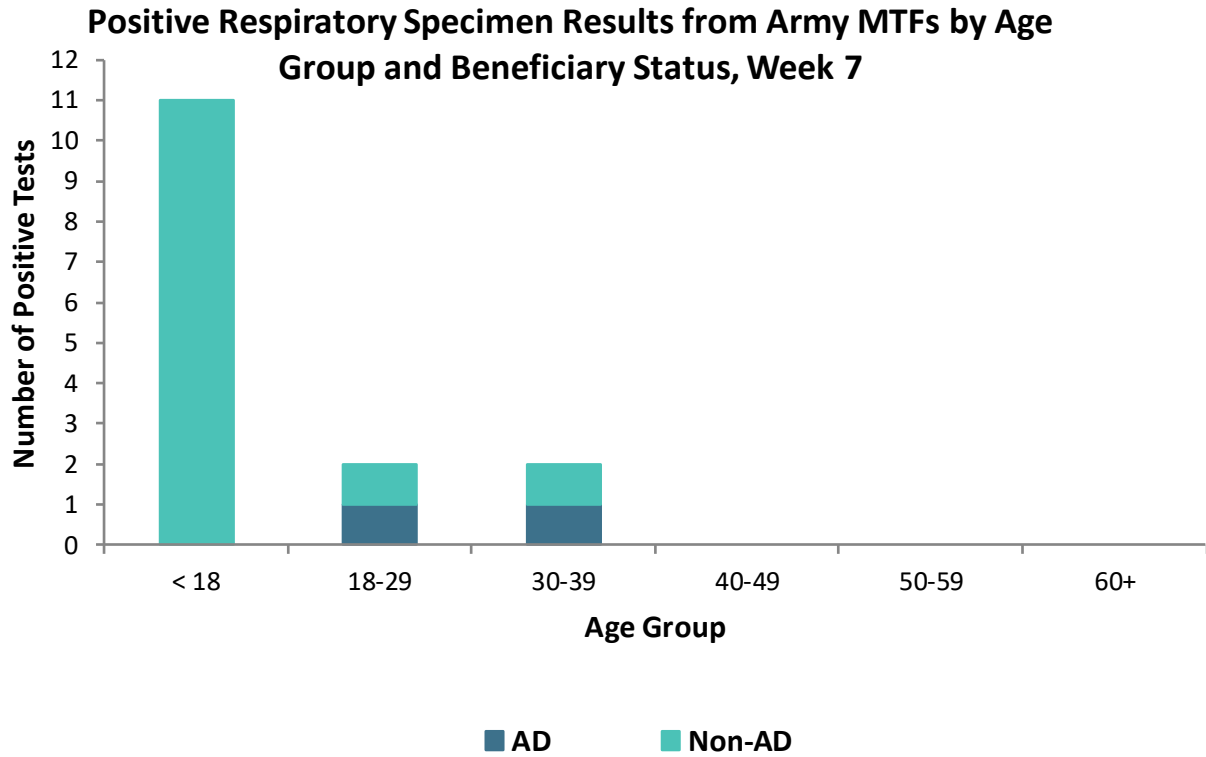
Nationwide during week 7, a total of 18,740 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 28 (0.1%) were positive. Influenza B accounted for 53.6% (n=15) of the total positive specimens. In the Army population, three of the 1,121 specimens tested for influenza A were positive in week 7.

| | | Week 4 | Week 5 | Week 6 | Week 7 | Season Total |
|--------------------------------------|---------------|--------------|--------------|--------------|--------------|---------------|
| Army MTF Laboratory Results, 2020-21 | Influenza A | 6 | 2 | 1 | 3 | 76 |
| | Influenza B | 2 | 6 | 5 | 2 | 79 |
| | Adenovirus | 0 | 1 | 0 | 3 | 61 |
| | Enterovirus | 9 | 10 | 2 | 2 | 248 |
| | Parainfluenza | 1 | 0 | 0 | 0 | 9 |
| | RSV | 0 | 1 | 1 | 5 | 39 |
| | Negative | 4,027 | 4,307 | 4,149 | 2,855 | 71,943 |
| | Total | 4,045 | 4,327 | 4,158 | 2,870 | 72,455 |

Of the 2,870 specimens tested in week 7, 1% (n=15) were positive for any type of respiratory illness. Respiratory syncytial virus accounted for 33% (n=5) of the positive specimens, influenza A for 20% (n=3), adenovirus for 20% (n=3), enterovirus for 13% (n=2), and influenza B for 13% (n=2).

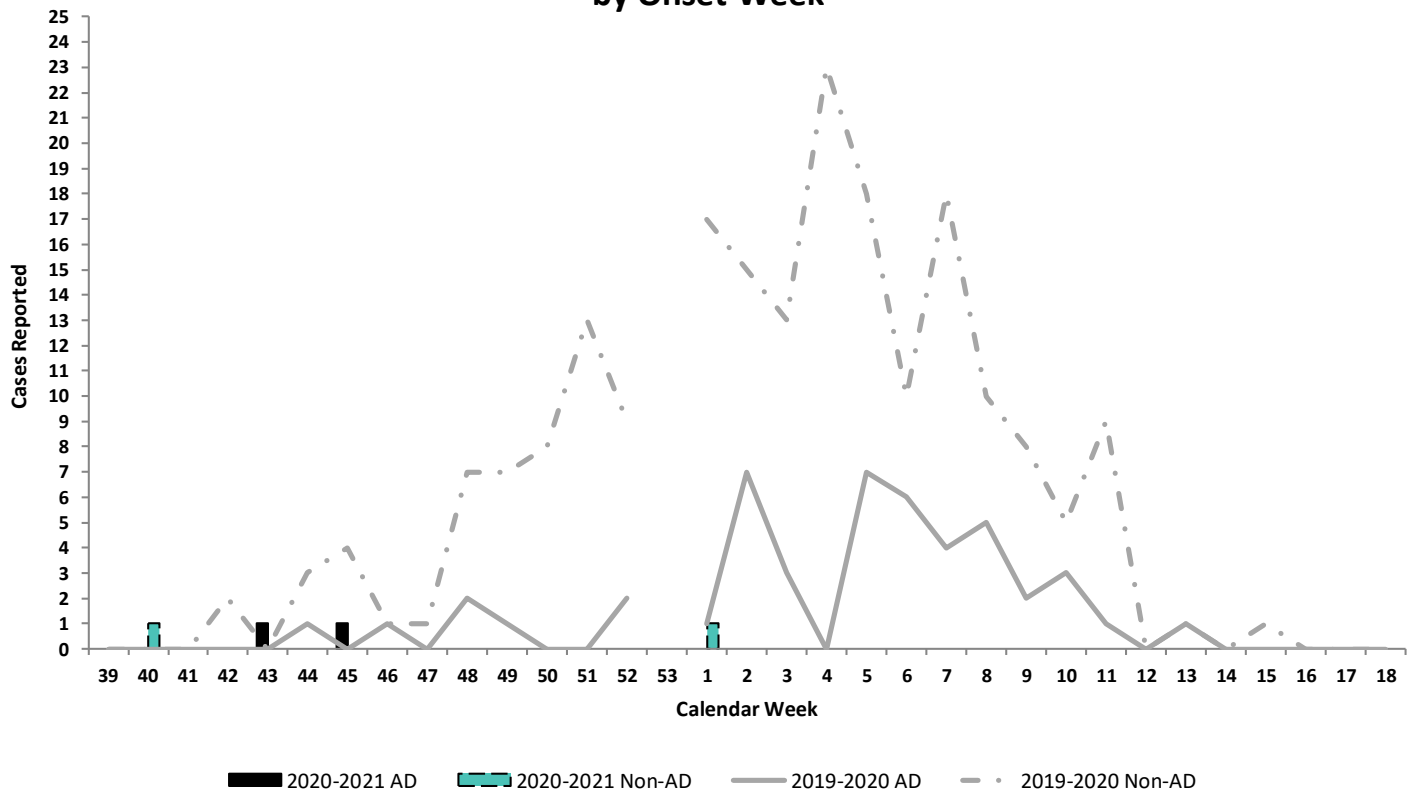
Additionally, the reported number of specimens tested decreased by 31% since week 6 (n=4,158).

Locations providing week 7 laboratory data as of 25 February 2021: Ft Belvoir, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Korea, Landstuhl, Redstone Arsenal, Tripler Army Medical Center, and the U.S. Military Academy.





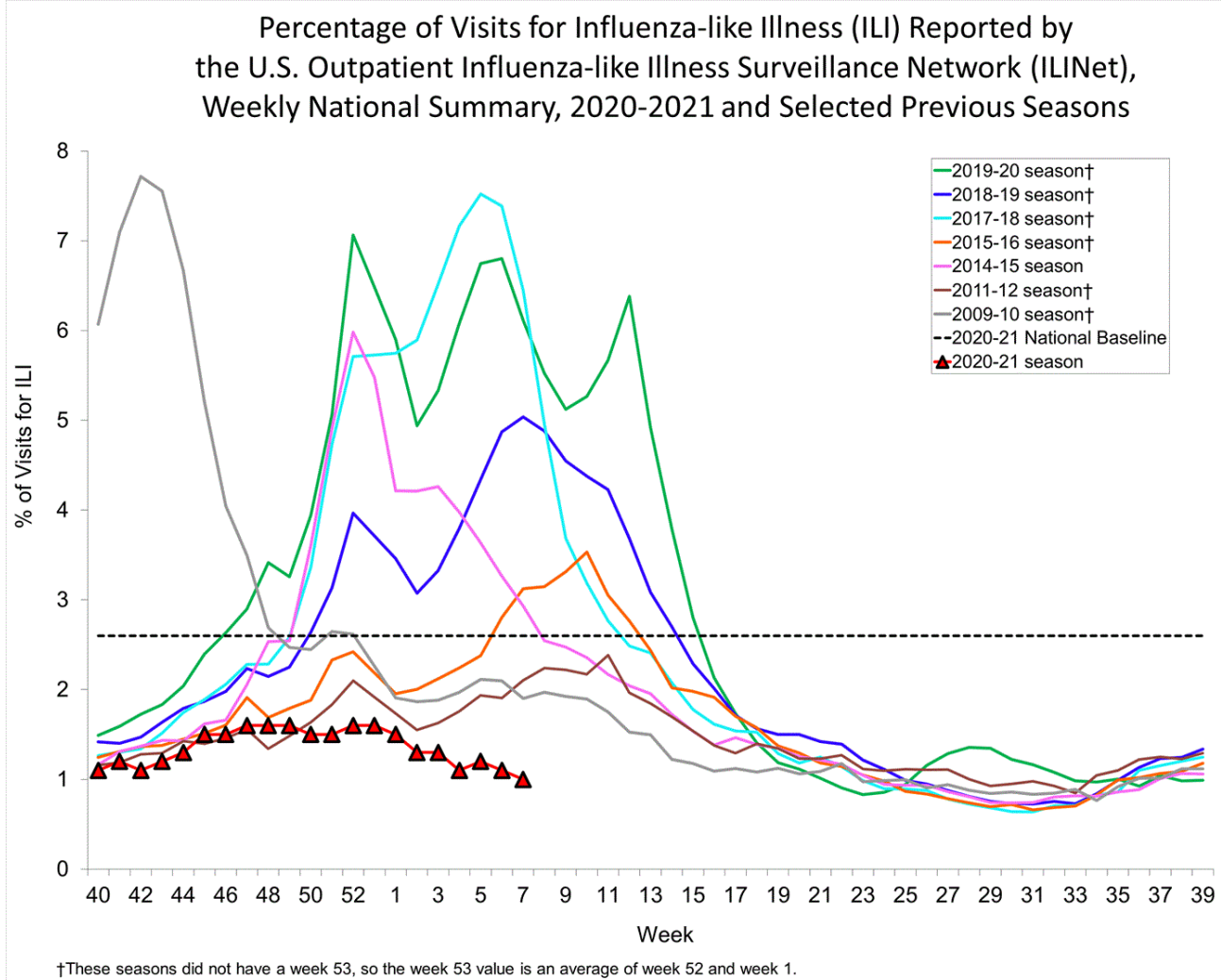
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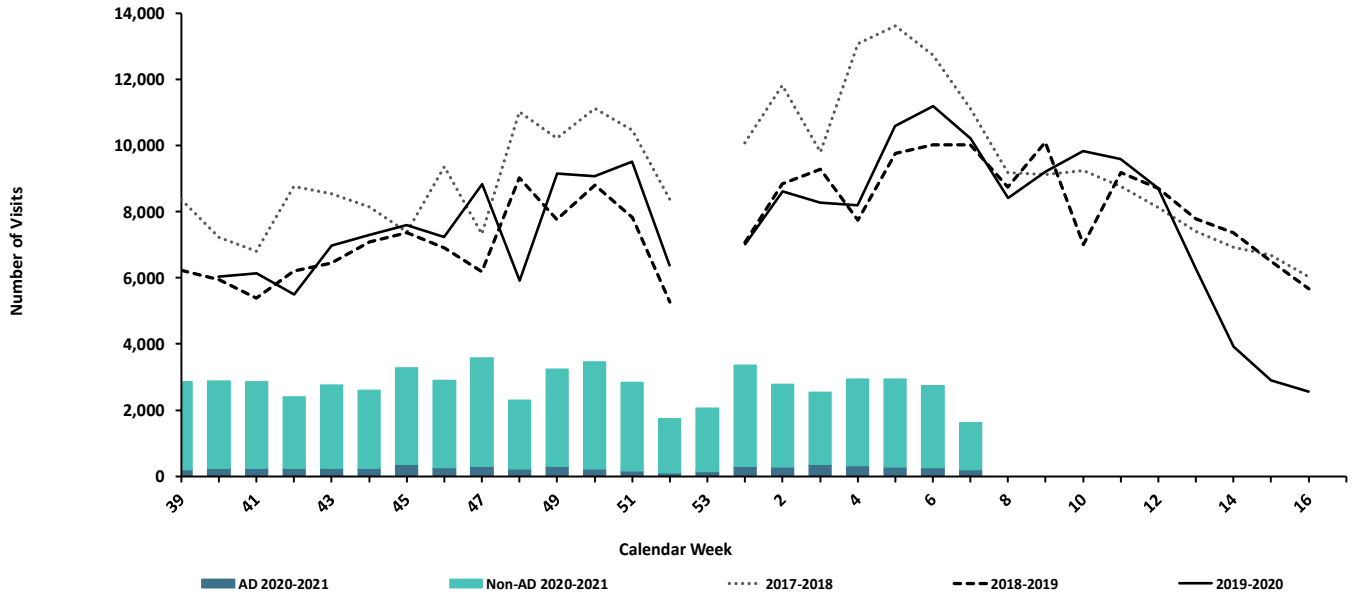


Source: Centers for Disease Control and Prevention (CDC)

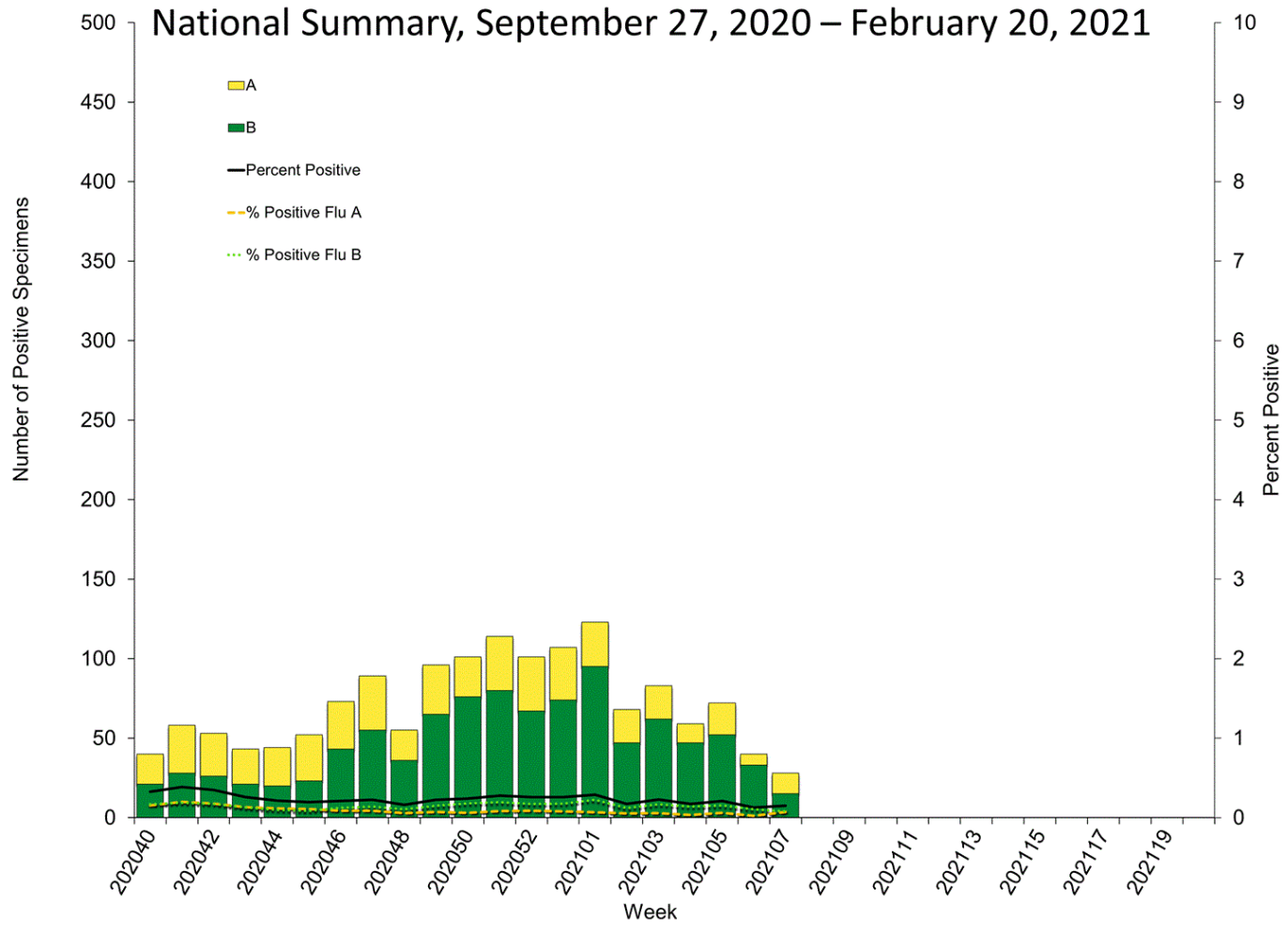


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ESSENCE Weekly Outpatient Clinic Visits for Influenza-like Illness
 Army MTFs, All Services, 2017-2021



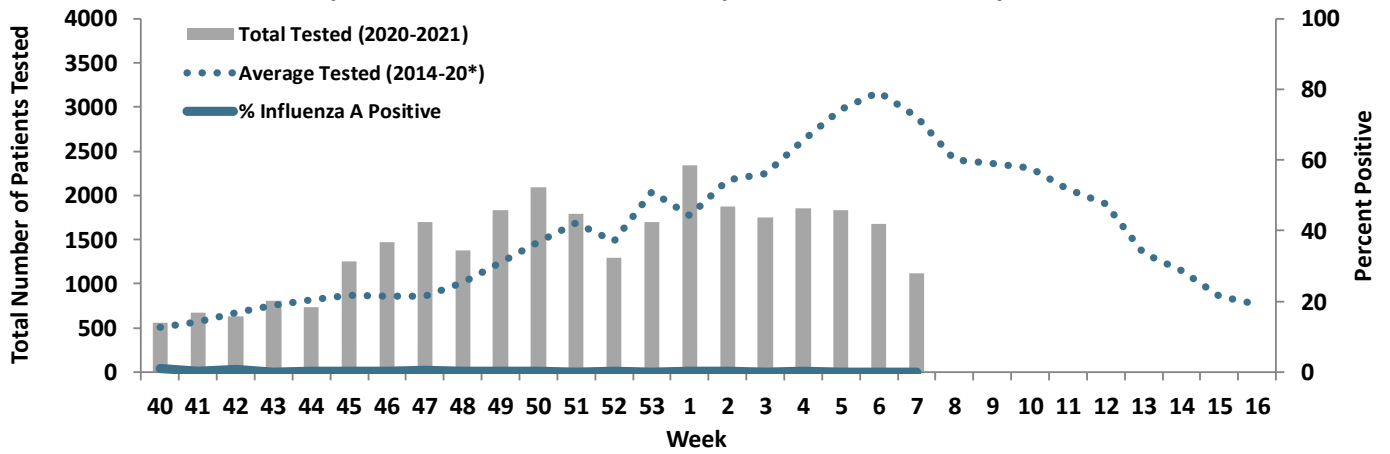
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, September 27, 2020 – February 20, 2021



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