

U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 7 November 2020 (week 45)

Influenza Vaccination Coverage*

As of 6 November 2020

30%	Army Active Duty
39%	Army Guard
60%	Army Reserve

*Data Source: MEDPROS

Click to enlarge images.

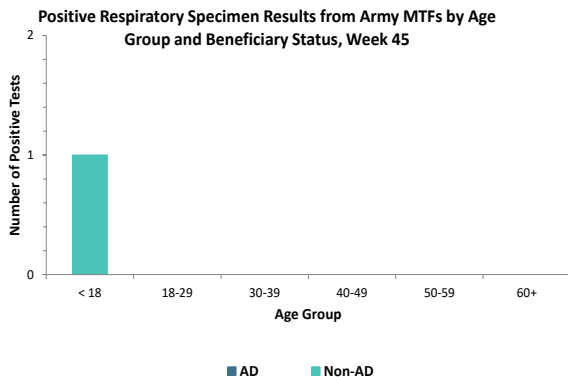
SUMMARY

Flu activity is currently low in the Army population. The proportion of positive influenza A specimens for the Army in week 45 is 0.06%, which is lower than the historical average of 3.4% for the same time period. However, some installations did not provide data for surveillance week 45. One specimen tested positive for influenza B and one influenza-associated hospitalization was reported, making the season total of hospitalizations three. Nationwide, influenza activity is low with 0.1% of specimens tested by clinical laboratories being positive for influenza A. The best way to protect yourself against influenza is to get the influenza vaccine, and engage in proper hygiene practices such as coughing/sneezing in the crook of your arm, washing hands frequently, and avoiding others when sick.

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](#).

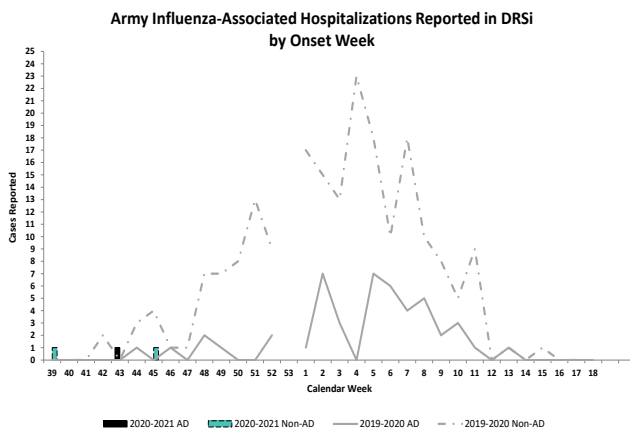
DEMOGRAPHICS



AD: No positive respiratory specimens were reported among active duty (AD) Service members in week 45

Non-AD: One positive influenza B respiratory specimen was collected from a non-AD individual who was less than 18 years old.

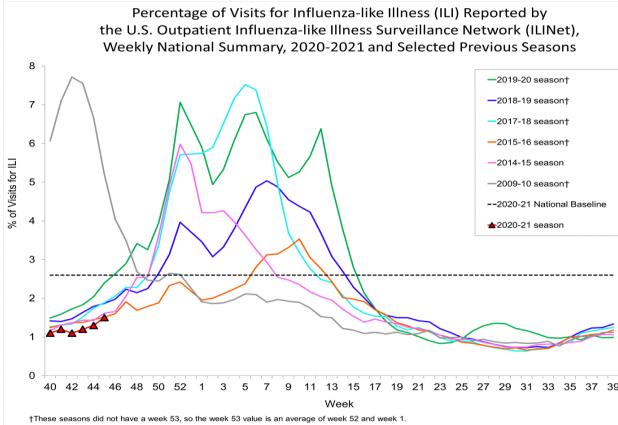
INFLUENZA-ASSOCIATED HOSPITALIZATIONS



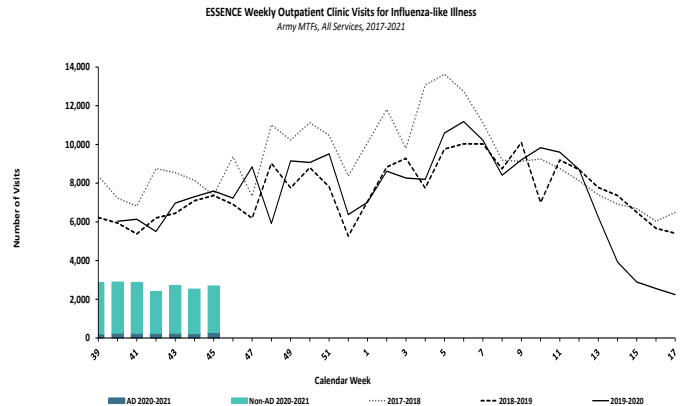
One influenza-associated hospitalization was reported in the Disease Reporting System internet (DRSi) during week 45; three hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, four hospitalizations were reported in week 45, and nine hospitalizations had been reported since the start of the season to week 45.

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

ILI ACTIVITY - UNITED STATES

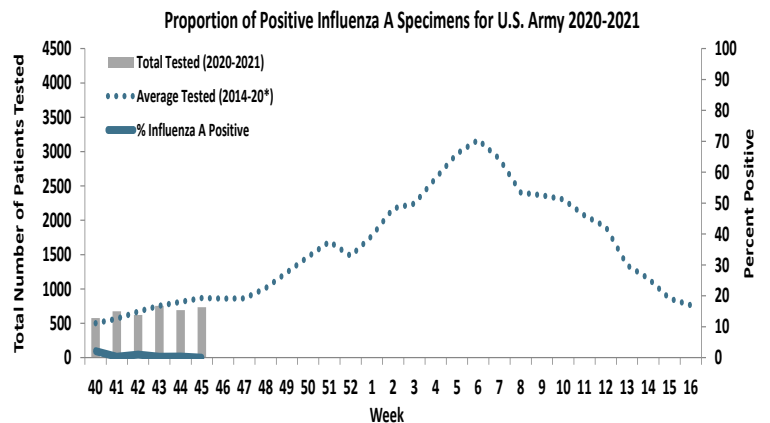
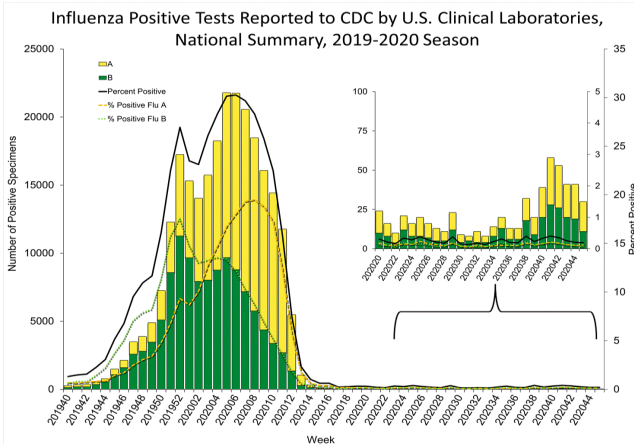


ILI ACTIVITY - ARMY



Nationwide in week 45, incident ILI activity was 1.5%; this is below the national baseline of 2.6%. At Army medical treatment facilities, incident ILI activity decreased by 6.5% from week 44 to week 45. The majority of ILI encounters (90%) occurred among non-AD patients in week 45.

LABORATORY RESPIRATORY SPECIMEN TESTING



Nationwide, 19,439 specimens were tested by clinical laboratories and submitted to CDC, of which 6 (0.1%) were positive. Influenza A accounted for 67% of the total positive specimens submitted to the CDC in week 45. One specimen tested positive for influenza B during week 45.

		Week 42	Week 43	Week 44	Week 45	Season Total
Test Types Among Positive Influenza A Specimens	RAT	6	2	2	0	32
	Culture					
	PCR	0	0	1	0	1

Army MTF Laboratory Results, 2020-21	Influenza A	6	2	3	0	33
	Influenza B	0	2	2	1	10
	Adenovirus	3	0	3	0	7
	Enterovirus	0	0	0	0	0
	Parainfluenza	1	0	0	0	1
	RSV	3	4	3	0	13
	Negative	1,330	1,509	1,631	1,488	8,553
	Total	1,343	1,517	1,642	1,489	10,092

Of the 1,489 specimens tested in week 45, one was positive for influenza B. The reported number of tested specimens decreased by 9.3% since week 44 (n=1,642).

Multiple installations did not report data, so results should be interpreted with caution.

Locations providing week 45 laboratory data as of 10 November 2020: Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Redstone Arsenal, and the U.S. Military Academy.

LABORATORY RESPIRATORY SPECIMEN TESTING DURING WEEK 45

Region	Installation	Influenza A			Influenza B			Adenovirus		
		No. Tested	% Positive	Baseline % Positive	No. Tested	% Positive	Baseline % Positive	No. Tested	% Positive	Baseline % Positive
RHCA	Ft. Belvoir	17	0	1.5			1.3			14.1
	Ft. Benning	18	0	0	18	0	0			
	Ft. Bragg	7	0	0						
	Ft. Campbell	18	0	0	18	0	1.5			100
	Ft. Gordon	16	0	0	16	0	44.4			100
	Ft. Jackson	9	0	0	9	0	2.2			
	Ft. Knox	5	0	0	5	0	0			
	Ft. Lee	4	0	0						
	Ft. Meade	2	0	0						
	Ft. Rucker	37	0	0	37	0	6.7			
	Ft. Stewart	32	0	0	32	0	2.6			
	Redstone Arsenal	4	0	0	4	0	0			
U.S. Military Academy	17	0	7.1	1	0	0				
RHCC	Ft. Bliss	59	0	1.8	9	0	2			18.2
	Ft. Hood	54	0	0.5	54	0	38.2	7	0	0
	Ft. Huachuca	9	0	0	10	0	0			
	Ft. Irwin	17	0	0	17	0	0			
	Ft. Leavenworth	30	0	0	30	3.3	0			
	Ft. Leonard Wood	53	0	0	53	0	4			
	Ft. Polk	47	0	1.6			100			
	Ft. Sam Houston	317	0	10.9	317	0	0			100
Ft. Sill	29	0	0			100				
RHCP	Ft. Wainwright	1	0	0	1	0	0			
	Korea	41	0	0	4	0	0	4	0	0

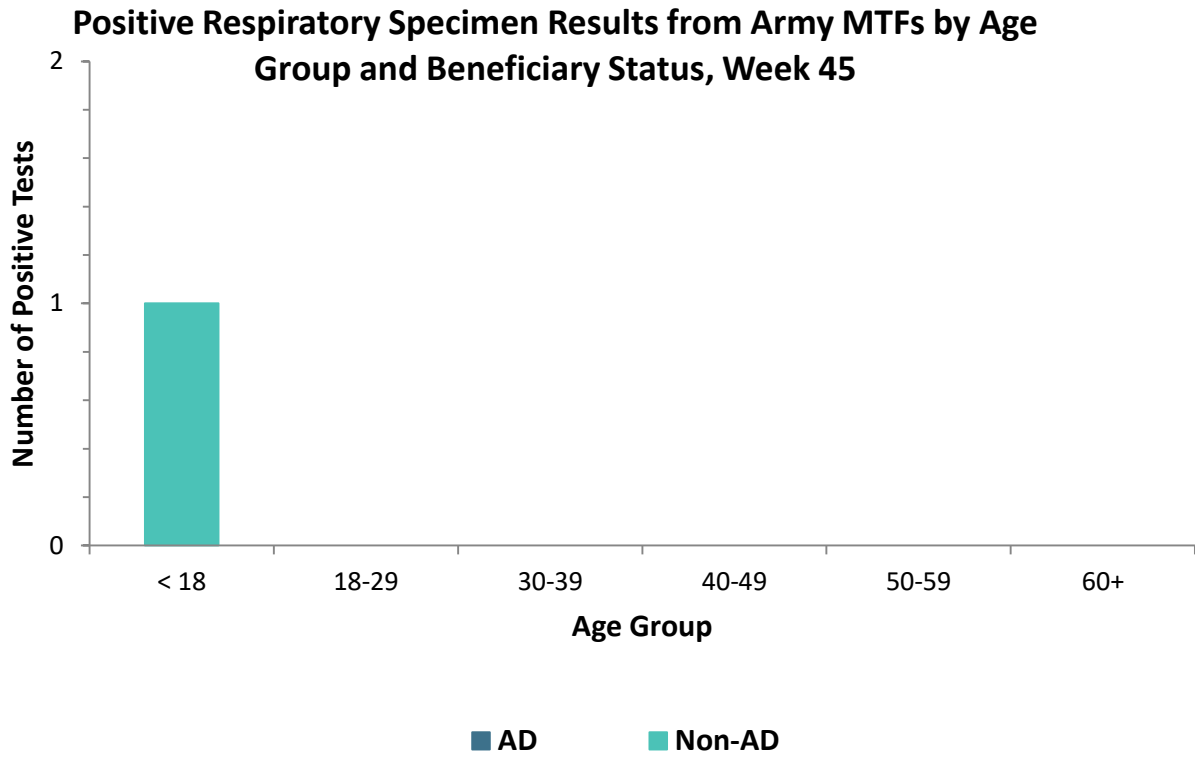
Region	Installation	Enterovirus			Parainfluenza			RSV		
		No. Tested	% Positive	Baseline % Pos.	No. Tested	% Positive	Baseline % Pos.	No. Tested	% Positive	Baseline % Pos.
RHCA	Ft. Belvoir						8.8	2	0	12.5
	Ft. Stewart						100	4	0	38.1
	U.S. Military Academy						100			
RHCC	Ft. Bliss							9	0	3
	Ft. Hood				8	0		11	0	20.2
	Ft. Leavenworth							3	0	33.3
	Ft. Polk							1	0	11.5
	Ft. Sill							2	0	0
RHCP	Ft. Wainwright							1	0	0
	Korea			0	4	0	12.5	4	0	0

No.: Number of specimens tested during MMWR week 45, 2020/2021 season.

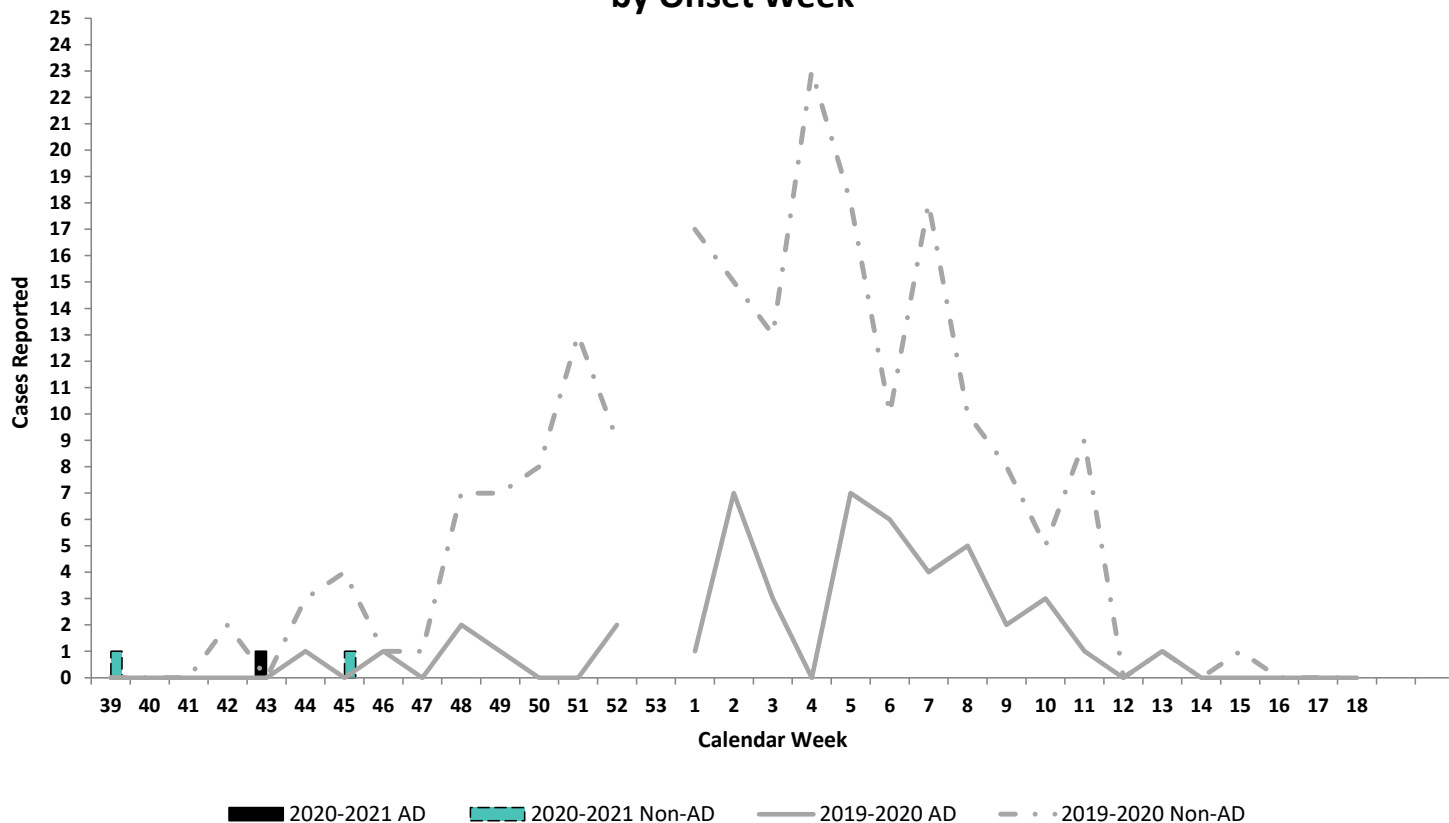
% Pos.: Percentage of positive specimens reported during MMWR week 45, 2020/2021 season.

Baseline % Pos.: Percentage of positive specimens reported in MMWR week 45 during influenza seasons from September 2012 - May 2020.

Missing values indicate that specimens were not tested for the disease during the week of interest.



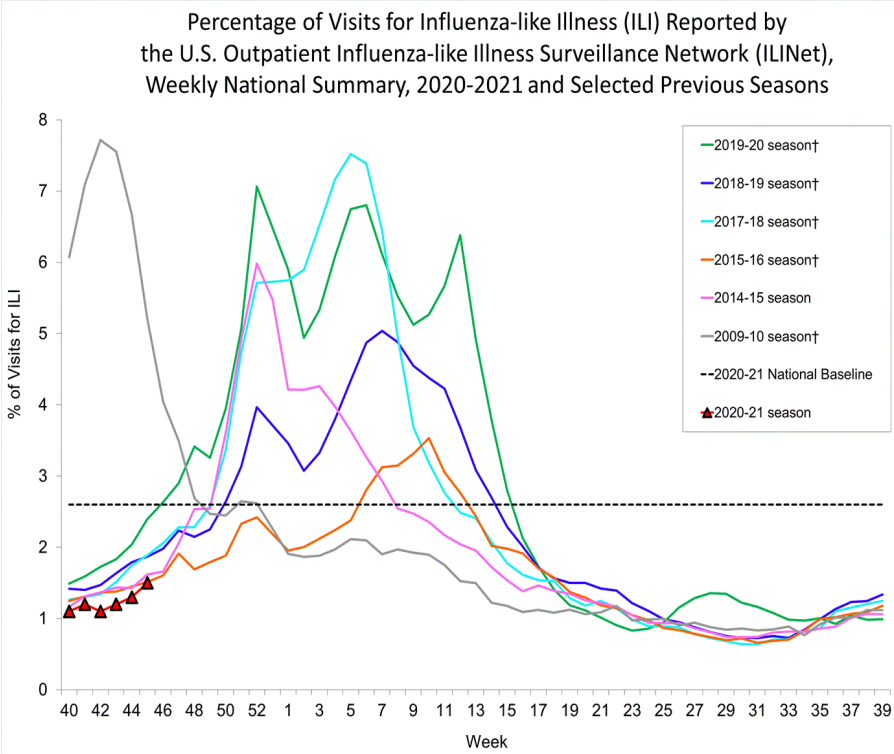
Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



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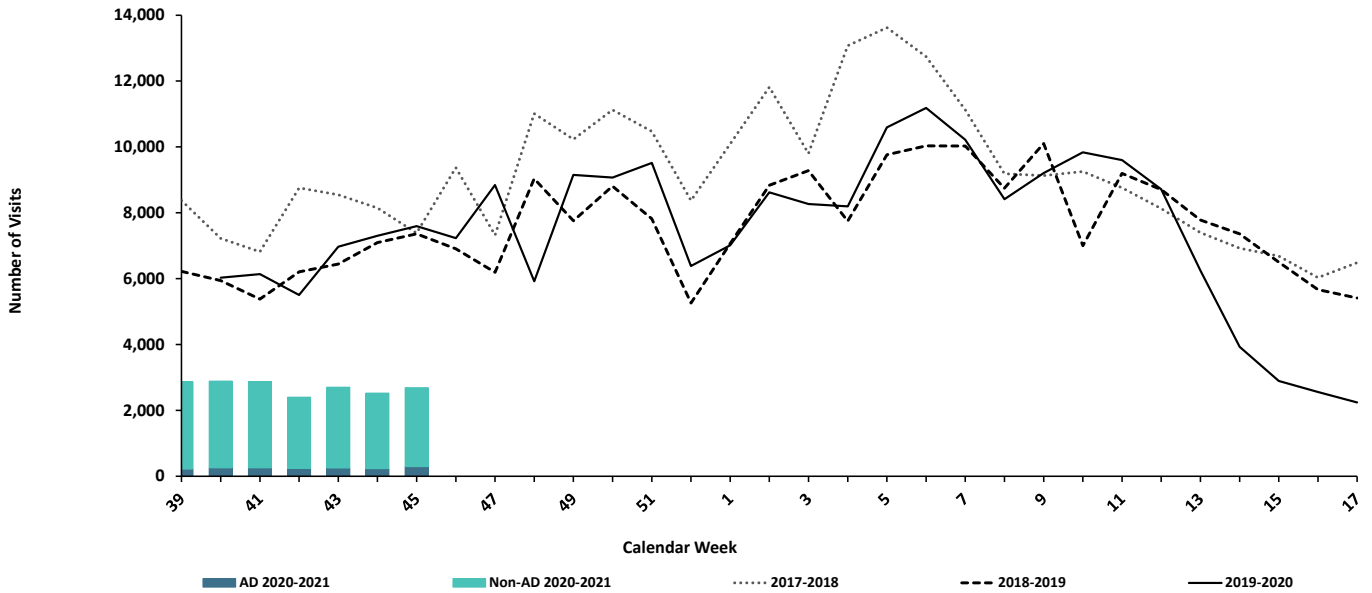
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†These seasons did not have a week 53, so the week 53 value is an average of week 52 and week 1.



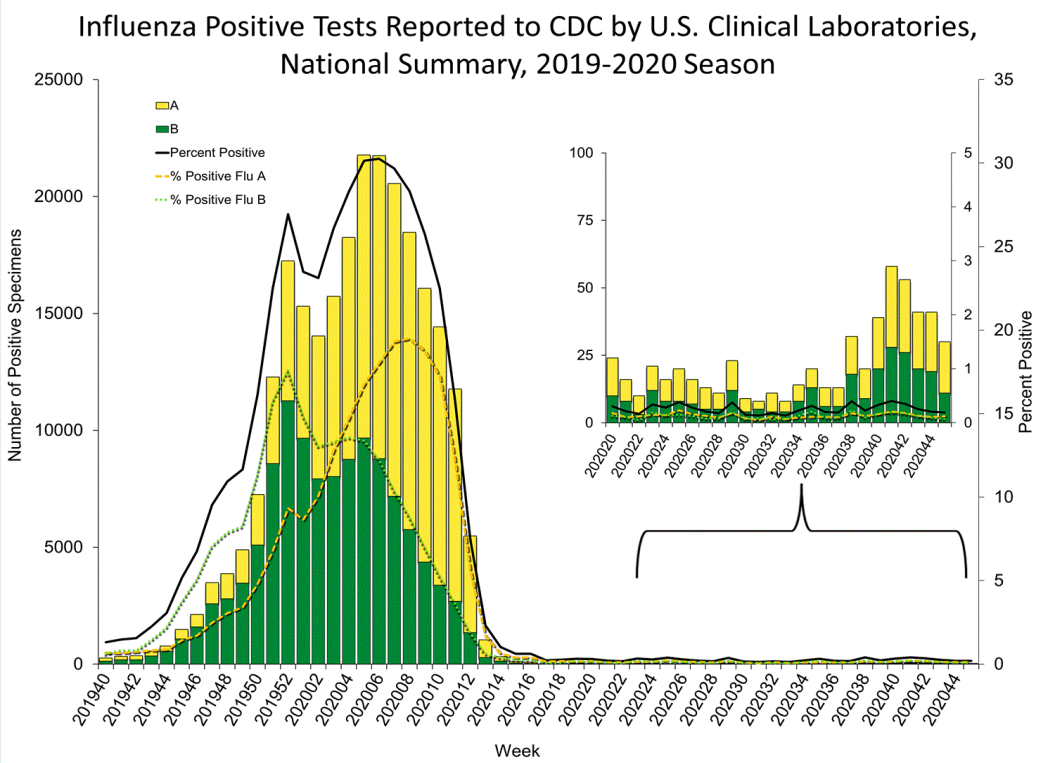
ESSENCE Weekly Outpatient Clinic Visits for Influenza-like Illness
Army MTFs, All Services, 2017-2021



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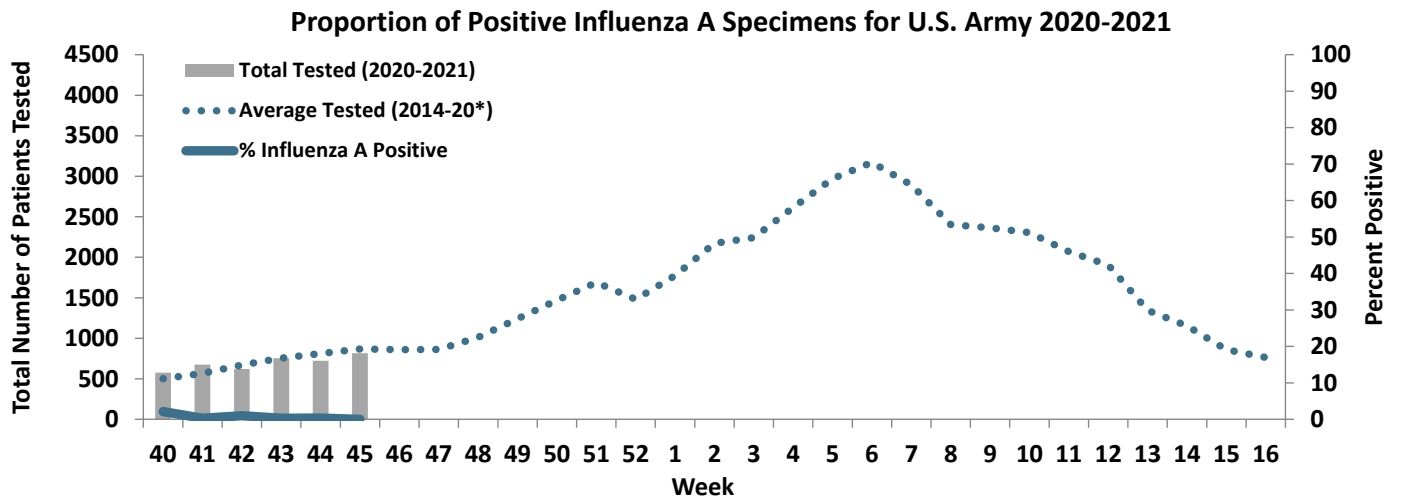
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*2014/2015 influenza season - 2019/2020 influenza season