

Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

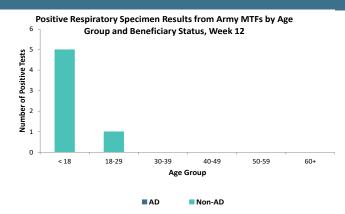
SUMMARY

Influenza activity remains low in the Army population. Two positive influenza B specimens and one positive influenza A specimen were reported during surveillance week 12. No hospitalizations were reported in week 12; the season total thus far is four compared to 247 influenza-associated hospitalizations reported as of this time last season. Eighty-three percent of specimens that tested positive for select respiratory illnesses were collected from individuals younger than 18 during surveillance week 12. 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.

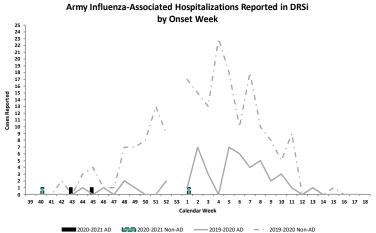
DEMOGRAPHICS



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

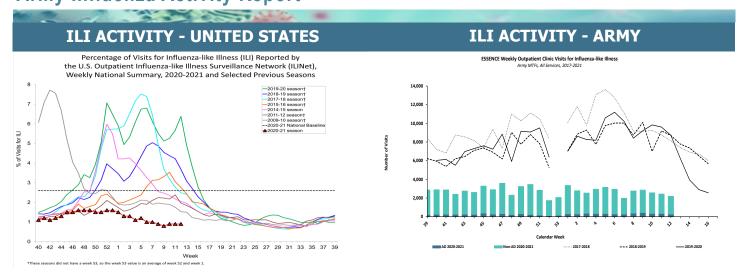
Non-AD: Six positive respiratory specimens were collected from non-AD individuals during week 12; 83% of specimens were collected from individuals under 18 years of age.

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

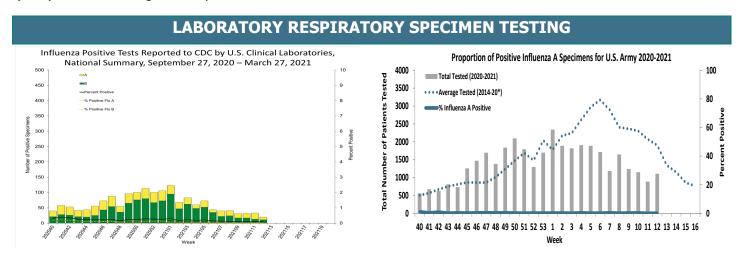


No influenza-associated hospitalizations with onset dates in week 12 were reported to the Disease Reporting System internet (DRSi); four hospitalizations have been reported for the entire season thus far. During the 2019-2020 season, no hospitalizations were reported in week 12 (with 247 hospitalizations reported from start of the season through week 12).

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



Nationwide in week 12, 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 9.9% from week 11 to week 12. The majority of ILI encounters (88%) occurred among non-AD patients in week 12.



Nationwide during week 12, a total of 22,973 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 20 (0.1%) were positive. Influenza B accounted for 55 % (n=11) of the total positive specimens. In the Army population, one (0.1%) of the 1,108 specimens tested for influenza A were positive in week 12.

		Week 9	Week 10	Week 11	Week 12	Season Total	
	Influenza A	2	4	0	1	85	
	Influenza B	3	4 2		2	96	
Aussau MATE	Adenovirus	4	3	1	1	71	
Army MTF Laboratory Results,	Enterovirus	3	1	2	1	258	
2020-21	Parainfluenza	1	0	0	0	10	
2020-21	RSV	1	1	0	1	43	
	Negative	3,244	3,135	2,471	2,952	88,441	
	Total	3,258	3,148	2,476	2,958	89,004	

Of the 2,958 specimens tested in week 12, less than 1% (n=6) were positive for any type of respiratory illness. Influenza B accounted for 33.3% (n=2) and influenza A, adenovirus, enterovirus, and respiratory syncytial virus each accounted for 16.7% (n=1) of the positive specimens.

Additionally, the reported number of specimens tested increased by 19.5% since week 11 (n=2,476).

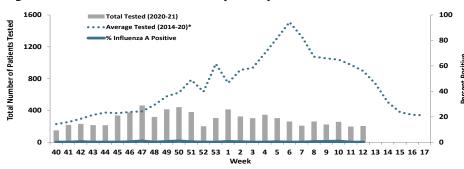
Locations providing week 12 laboratory data as of 31 March 2021: Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Stewart, Ft Wainwright, Korea, Landstuhl Regional Medical Center, and Tripler Army Medical Center.

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2020-2021 as Compared to 2014-2020*

8 9 10 11 12 13 14 15 16 17



40 41 42 43 44 45 46 47 48 49 50 51 52 53 1 2 3



Week 12										
Age Group	AD	Season Total								
< 18	0	0	4							
18-29	0	0	5							
30-39	0	0	5							
40-49	0	0	2							
50-59	0	0	1							
60+	0	0	4							
Total	0	0	21							

Regional Health Command - Central (RHC-C) 100 Total Tested (2020-21) **Total Number of Patients Tested** 2000 • Average Tested (2014-20)* 80 1600 60 1200 40 800 20 400

Week

Week 12										
Age Group	AD	AD Non-AD		D Non-AD						
< 18	0	0	17							
18-29	0	1	19							
30-39	0	0	14							
40-49	0	0	3							
50-59	0	0	2							
60+	0	0	6							
Total	0	1	61							

Reg	iona	Health Command - Europe (RHC-E)
70	140	Total Tested (2020-21)
s Test	120	*** Average Tested (2014-20*) Minfluenza A Positive
tient	100	
of Pa	80	Sitting of the state of the sta
ber	60	Percent Op Positive Op Parties 1 Positive Parties 1 Part
Total Number of Patients Tested	40 20	20 g
Þ	0	
		40 41 42 43 44 45 46 47 48 49 50 51 52 53 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 Week

Week 12										
Age Group	AD	Season Total								
< 18	0	0	0							
18-29	0	0	0							
30-39	0	0	0							
40-49	0	0	1							
50-59	0	0	0							
60+	0	0	0							
Total	0	0	1							

Reg	iona	al Health Command - Pacific (RHC-P)	
_	600		00
Total Number of Patients Tested	500	Total Tested (2020-21) - *** Average Tested (2014-20*) - % Influenza A Positive	0
atie	400		o
lber of I	300	11111111	臣
N N	200	4	Per o
Tota	100	2	0
	0		
		40 41 42 43 44 45 46 47 48 49 50 51 52 53 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 Week	
*2014/	/2015 ii	influenza season - 2019/2020 influenza season	

Week 12										
Age Group	AD	Non-AD	Season Total							
< 18	0	0	2							
18-29	0	0	0							
30-39	0	0	0							
40-49	0	0	0							
50-59	0	0	0							
60+	0	0	0							
Total	0	0	2							

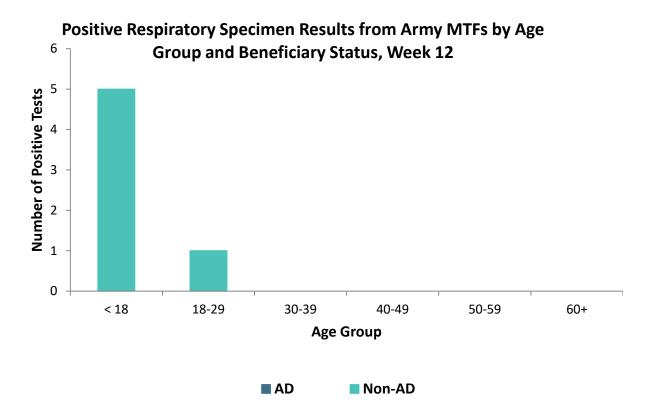
Number of Positive Influenza A Specimens by Region and Duty Status

······································																
Region	W	eek 5	W	eek 6	W	eek 7	w	eek 8	Week 9		Week 10		Week 11		Week 12	
Region	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	0	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0
RHC-C	1	0	0	1	2	1	1	0	0	1	0	2	0	0	0	1
RHC-E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHC-P	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

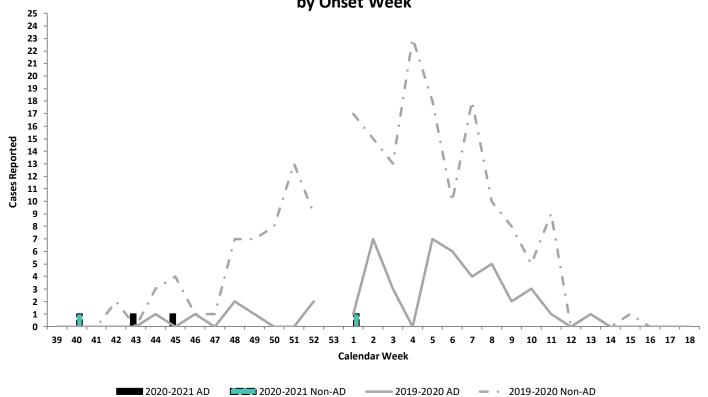




Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

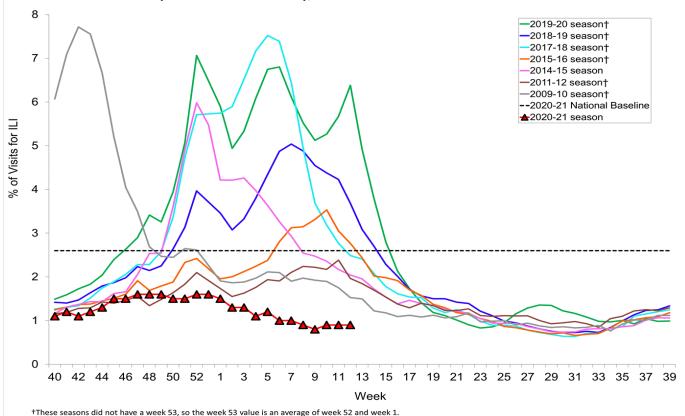




Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

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)

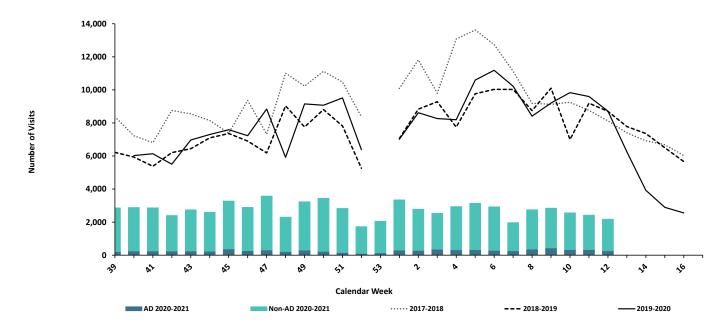


Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

ESSENCE Weekly Outpatient Clinic Visits for Influenza-like Illness

Army MTFs, All Services, 2017-2021

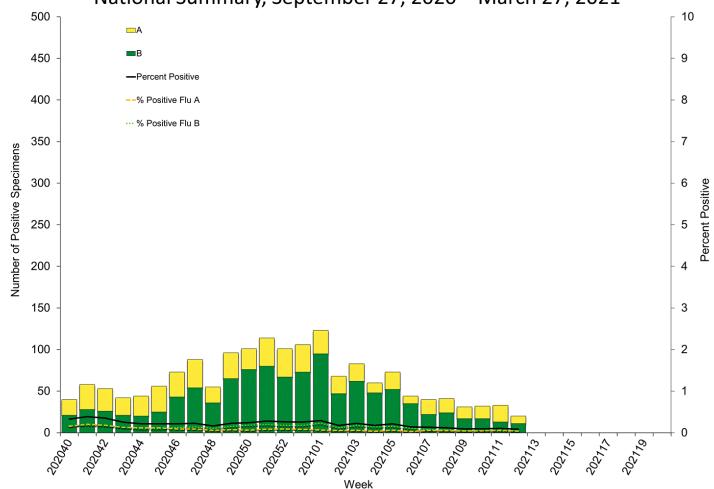




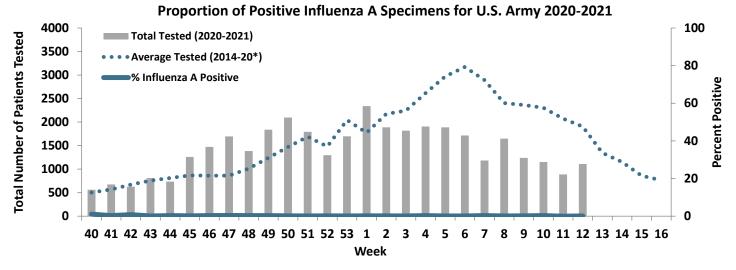
Army Influenza Activity Report

Week ending 27 March 2021 (Week 12)

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



Source: Centers for Disease Control and Prevention (CDC)



^{*2014/2015} influenza season - 2019/2020 influenza season