

U.S. Army Public Health Center

Army Influenza Activity Report

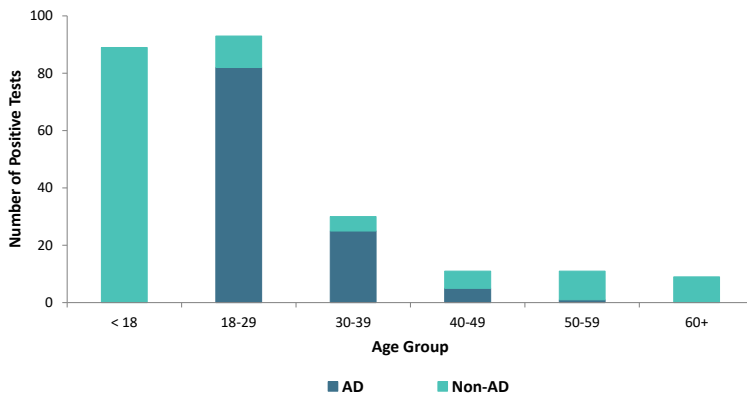
Week ending 16 April 2022 (Week 15)

SUMMARY

Influenza activity decreased in the Army population during surveillance week 15. Three hundred and fifty-nine positive influenza A and thirteen influenza B specimens were reported during surveillance week 15. Two influenza-associated hospitalizations were reported in week 15; the season total thus far is twenty-two compared to four influenza-associated hospitalizations reported as of this time last season. Of the specimens that tested positive for select respiratory illnesses, among non-AD beneficiaries, 68.5% were collected from individuals younger than 18 during surveillance week 15. Among AD service members, 72.6% of positive specimens were collected from individuals 18-29 years of age. Nationwide, influenza activity has slightly decreased in most areas of the country with 8.9% of specimens tested by clinical laboratories being positive for influenza A or B.

DEMOGRAPHICS

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 15



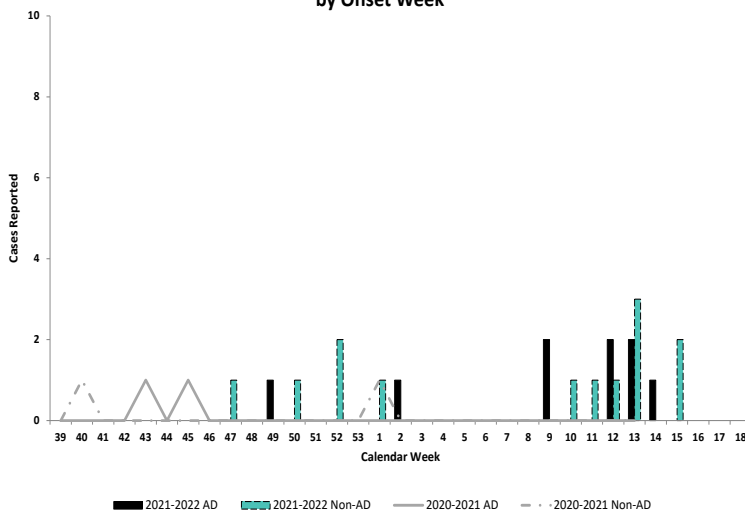
AD: One hundred and thirteen positive respiratory specimens were collected from active-duty (AD) service members (SMs) during week 15; 72.6% (n=82) of the positive specimens were collected from SMs 18-29 years of age.

Non-AD: One hundred and thirty positive respiratory specimens were collected from non-AD individuals during week 15; 68.5% (n=89) of the positive specimens were collected from individuals under 18 years of age.

The age and beneficiary status of some cases were not available. Therefore, all calculations involving these variables were conducted using only available data. Differences in total results, and age- and beneficiary status

INFLUENZA-ASSOCIATED HOSPITALIZATIONS

Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



Two influenza-associated hospitalizations with an onset date in week 15 were reported to the Disease Reporting System internet (DRSi) in two non-AD individuals. The season total thus far is twenty-two hospitalizations. During the 2020-2021 season, no hospitalizations were reported in week 15 (with four hospitalizations reported from the start of the season through week 15).

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

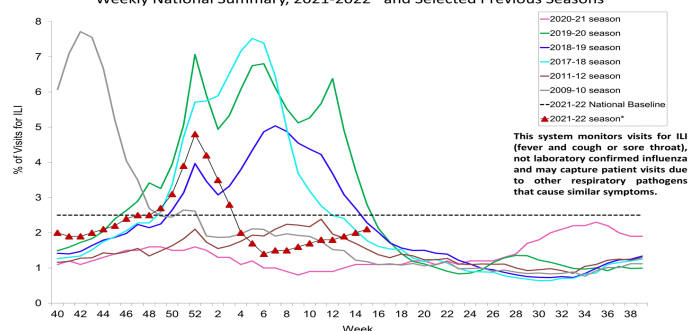
Data are preliminary and subject to change.

Questions?
Email [APHC DEP](mailto:APHC_DEP)

ILI ACTIVITY - UNITED STATES

ILI ACTIVITY - ARMY

Percentage of Outpatient Visits for Respiratory Illness Reported By The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2021-2022* and Selected Previous Seasons

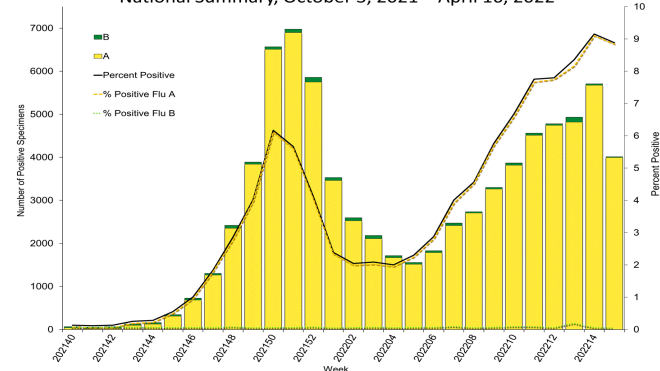


Data Unavailable

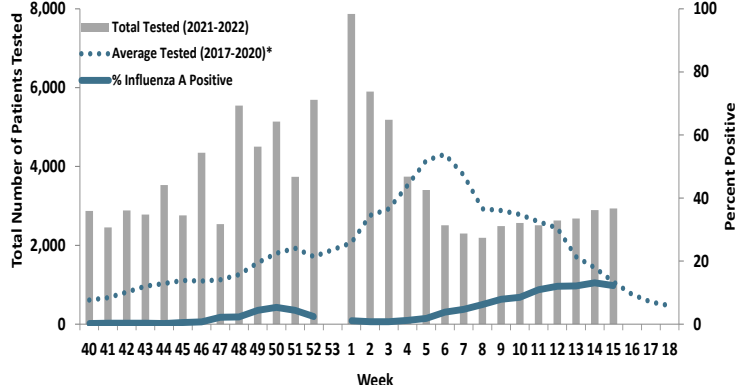
Nationwide in week 15, incident ILI activity was 2.1%; this is below the national baseline of 2.5%. At the time of publishing, incident ILI activity data for the Army population were unavailable.

LABORATORY RESPIRATORY SPECIMEN TESTING

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 3, 2021 – April 16, 2022



Proportion of Positive Influenza A Specimens for U.S. Army 2021-2022



Nationwide during week 15, a total of 45,179 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 4,014 (8.9%) were positive. Influenza A accounted for 99.5% (n=3,995) of the total positive specimens. In the Army population, 359 (12.2%) of the 2,937 specimens tested for influenza A were positive in week 15.

Data from the 2020-2021 influenza season are not included in the Army's average tested calculation due to the unusually low incidence of influenza.

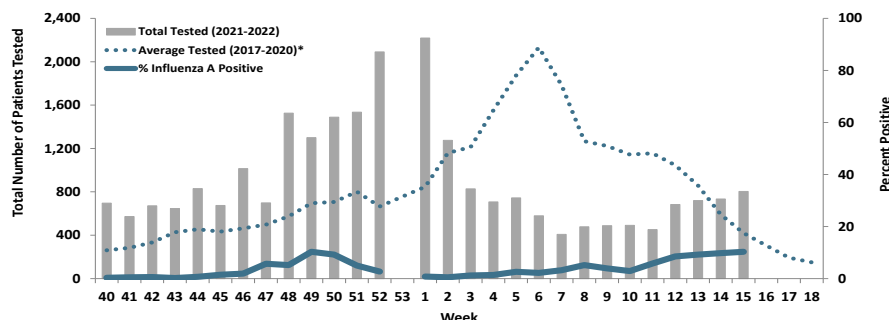
		Week 12	Week 13	Week 14	Week 15	Season Total
Army MTF Laboratory Results, 2021-22	Adenovirus	9	11	12	20	342
	Enterovirus	3	2	6	5	294
	Influenza A	315	324	379	359	3,721
	Influenza B	10	10	15	13	228
	Parainfluenza	8	14	10	15	317
	RSV	9	14	10	11	1,273
	Negative	6,240	6,461	6,885	7,361	241,853
Total	6,594	6,836	7,317	7,784	248,028	

Of the 7,784 test results for respiratory illnesses during week 15, 5.4% (n=423) were positive for any type of respiratory illness. Influenza A accounted for 84.9% (n=359), adenovirus accounted for 4.7% (n=20), parainfluenza accounted for 3.5% (n=15), influenza B accounted for 3.1% (n=13), respiratory syncytial accounted for 2.6% (n=11), and enterovirus accounted for 1.2% (n=5) of the positive results.

Locations providing week 15 laboratory data as of 19 April 2022: Carlisle Barracks, Ft. Belvoir, Ft. Bliss, Ft. Bragg, Ft. Campbell, Ft. Carson, Ft. Drum, Ft. Eustis, Ft. Gordon, Ft. Hood, Ft. Huachuca, Ft. Jackson, 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, Korea, Landstuhl Regional Medical Center, Redstone Arsenal, the U.S. Military Academy, and Walter Reed National Military Medical Center.

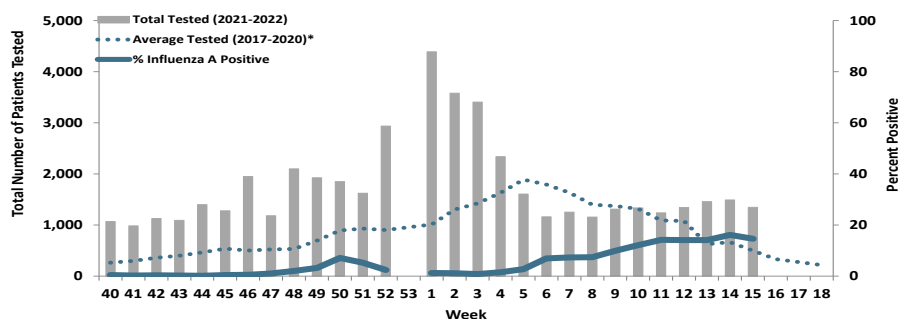
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2021-2022 as Compared to 2017-2020*

Regional Health Command - Atlantic (RHC-A)



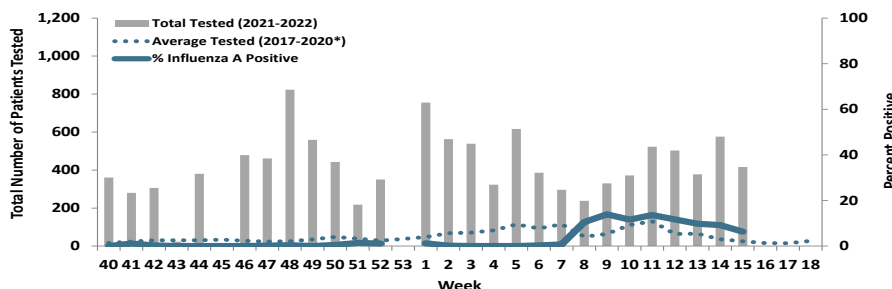
Week 15			
Age Group	AD	Non-AD	Season Total
< 18	0	27	315
18-29	27	5	475
30-39	8	3	120
40-49	0	2	38
50-59	0	5	30
60+	0	4	33
Total	35	46	1,011

Regional Health Command - Central (RHC-C)



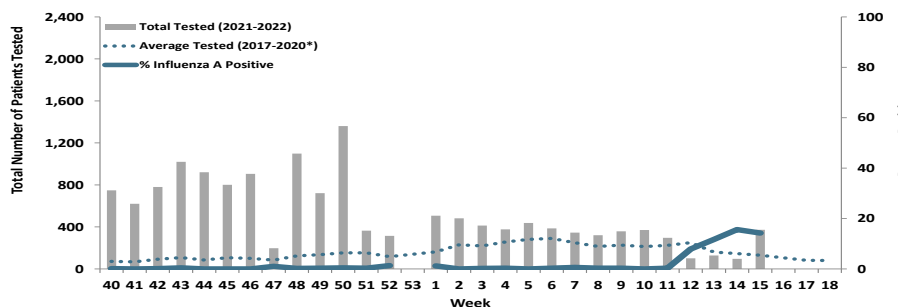
Week 15			
Age Group	AD	Non-AD	Season Total
< 18	0	14	372
18-29	36	4	475
30-39	12	1	173
40-49	2	2	54
50-59	1	5	37
60+	0	2	57
Total	51	28	1,168

Regional Health Command - Europe (RHC-E)



Week 15			
Age Group	AD	Non-AD	Season Total
< 18	0	4	57
18-29	13	2	266
30-39	3	1	47
40-49	1	1	13
50-59	0	0	4
60+	0	1	3
Total	17	9	390

Regional Health Command - Pacific (RHC-P)



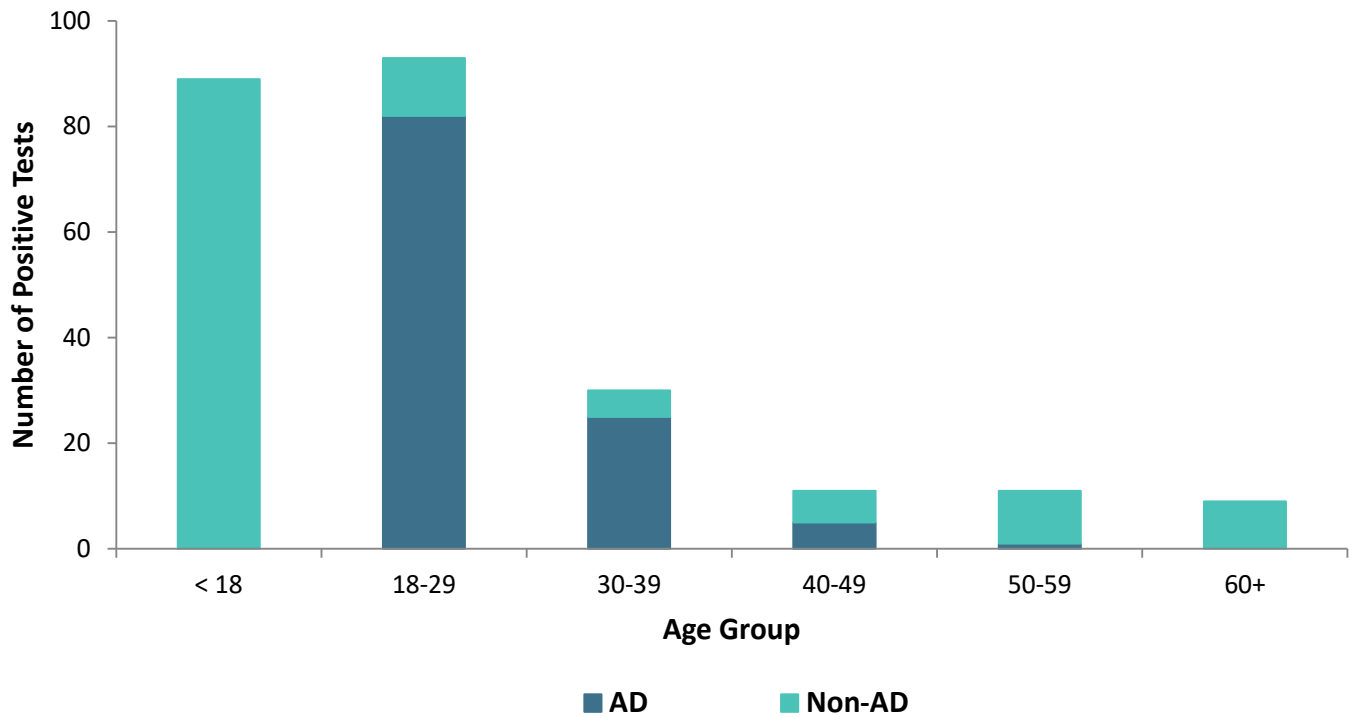
Week 15			
Age Group	AD	Non-AD	Season Total
< 18	0	0	1
18-29	1	0	10
30-39	0	0	0
40-49	0	0	1
50-59	0	0	1
60+	0	0	0
Total	1	0	13

*2017/2018 influenza season - 2019/2020 influenza season. Data from the 2020-2021 influenza season are not included in the average tested calculation due to the unusually low incidence of influenza.

Number of Positive Influenza A Specimens by Region and Duty Status

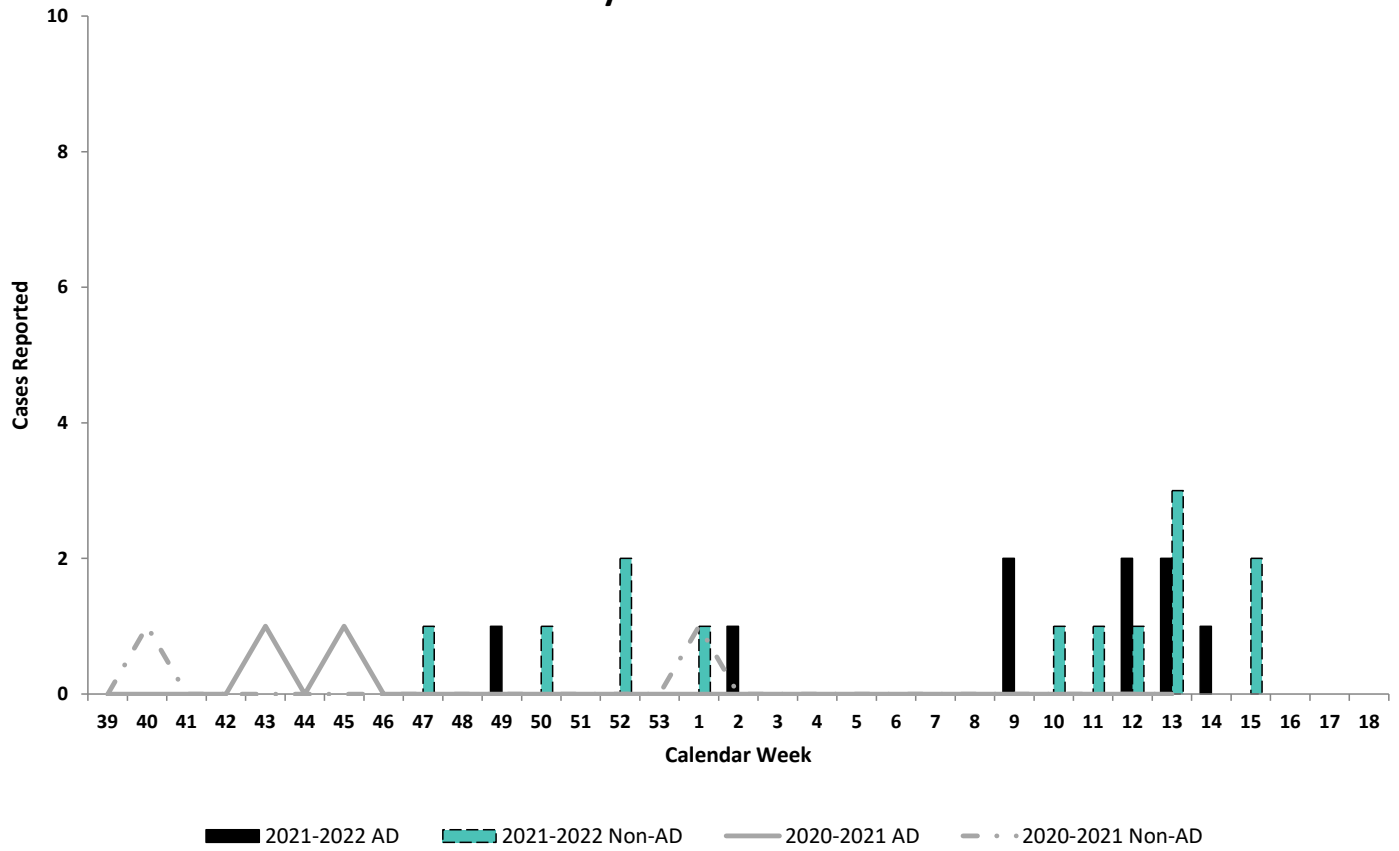
Region	Week 12		Week 13		Week 14		Week 15	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	28	26	39	25	40	32	35	46
RHC-C	25	28	34	35	62	27	51	28
RHC-E	38	21	25	12	42	11	17	9
RHC-P	1	0	0	0	0	0	1	0

Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 15





Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week

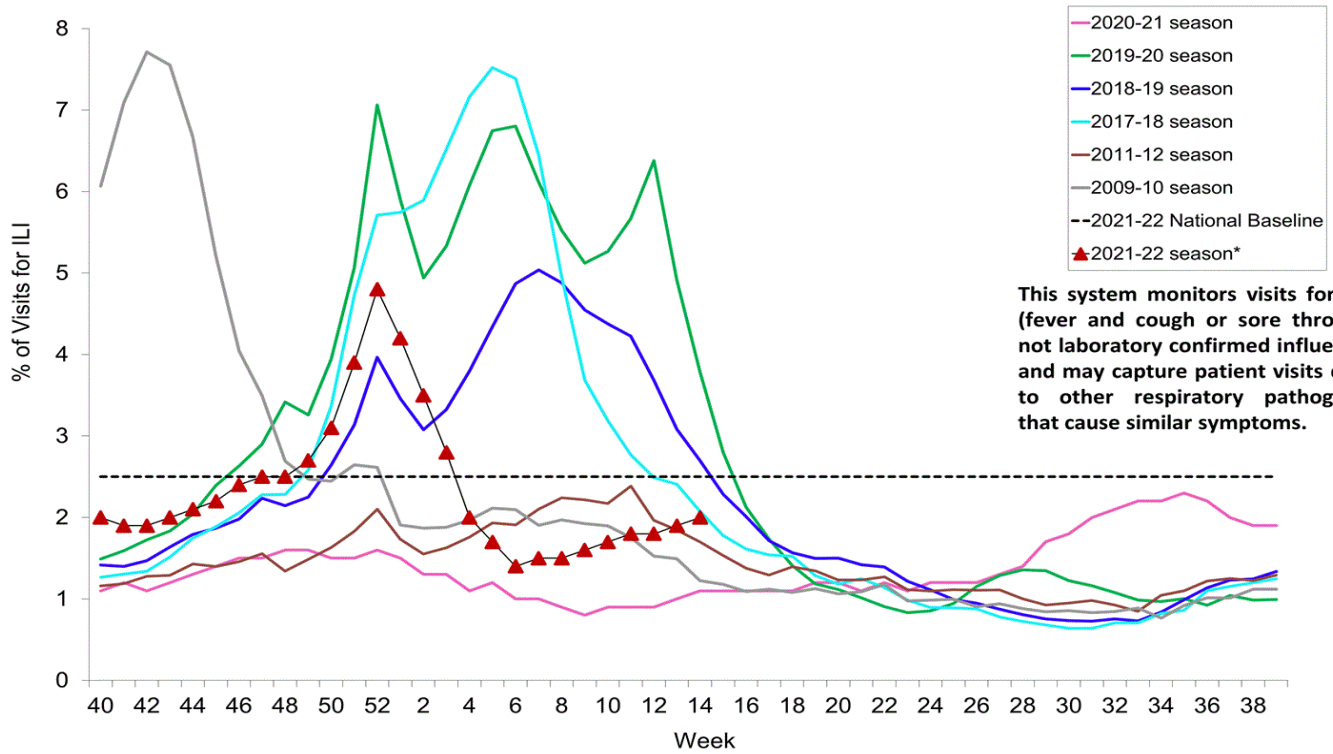


U.S. Army Public Health Center

Army Influenza Activity Report

Week ending 16 April 2022 (Week 15)

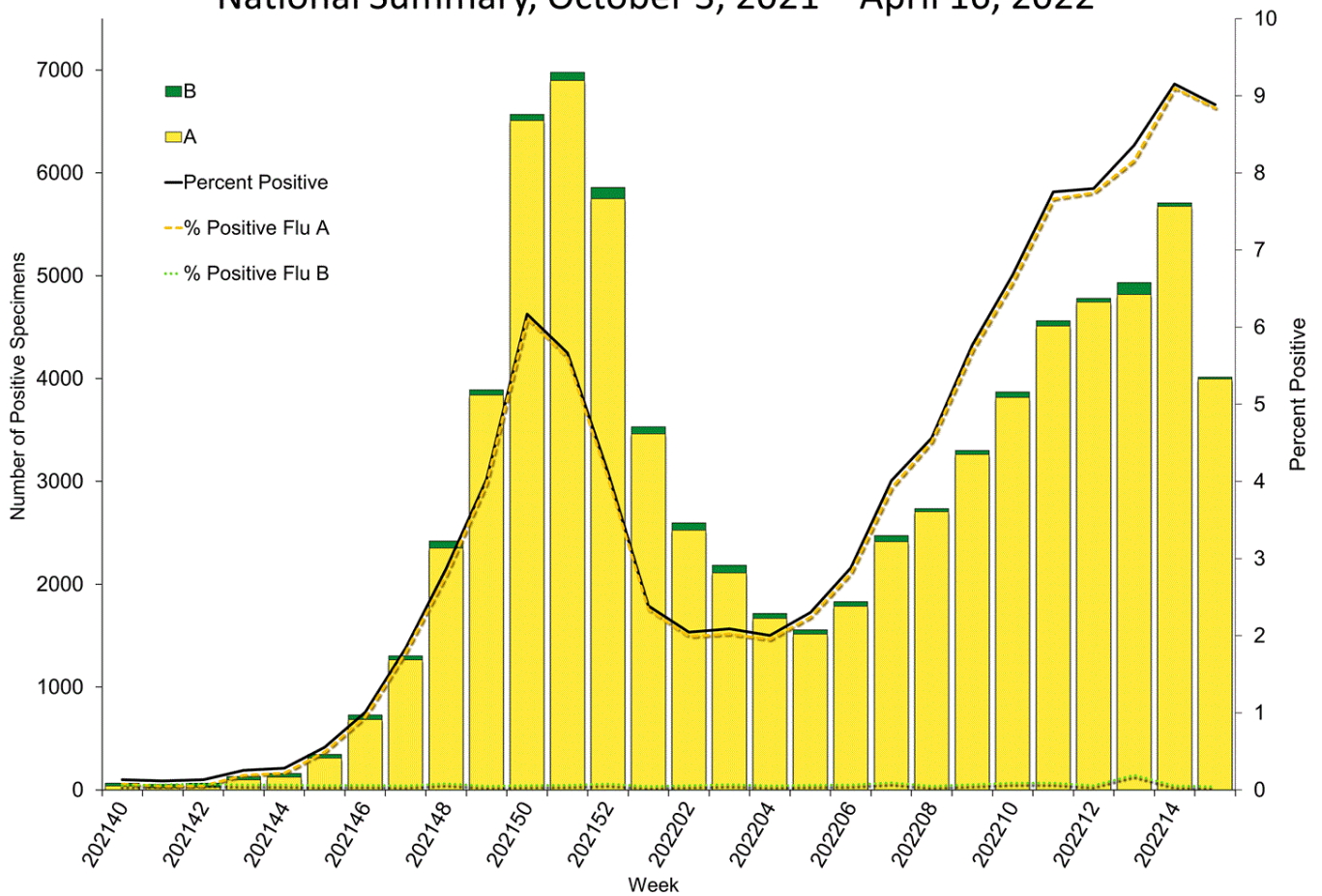
Percentage of Outpatient Visits for Respiratory Illness Reported By The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2021-2022* and Selected Previous Seasons



This system monitors visits for ILI (fever and cough or sore throat), not laboratory confirmed influenza and may capture patient visits due to other respiratory pathogens that cause similar symptoms.

Source: Centers for Disease Control and Prevention (CDC)

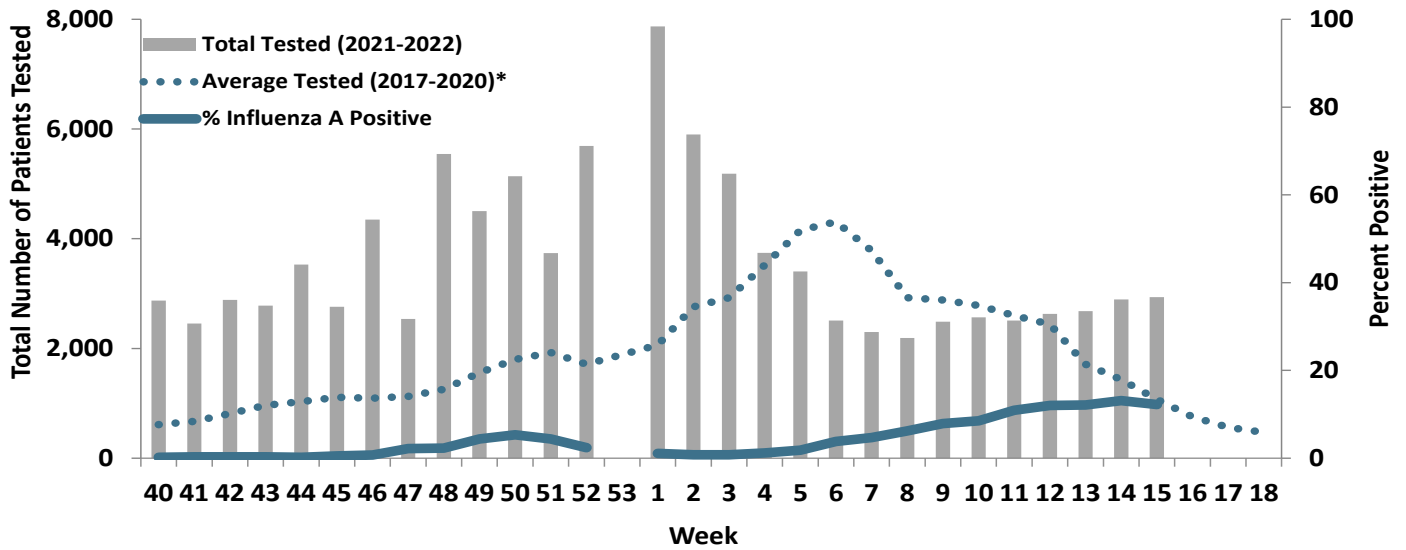
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 3, 2021 – April 16, 2022



Source: Centers for Disease Control and Prevention (CDC)



Proportion of Positive Influenza A Specimens for U.S. Army 2021-2022



**2017/2018 influenza season - 2019/2020 influenza season. Data from the 2020-2021 influenza season are not included in the average tested calculation due to the unusually low incidence of influenza.*