

U.S. Army Public Health Center

# Army Influenza Activity Report

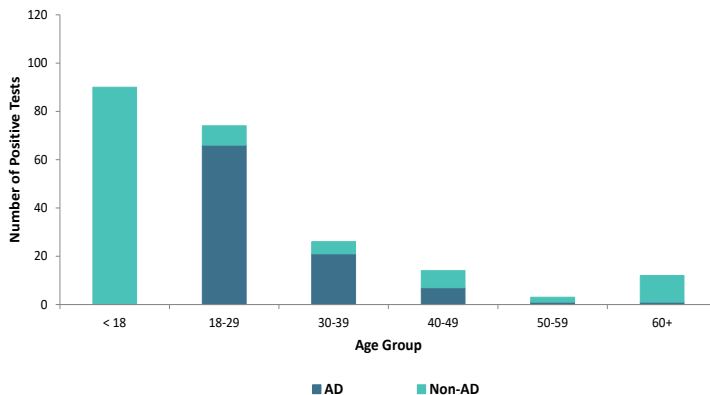
Week ending 30 April 2022 (Week 17)

## SUMMARY

Influenza activity is decreasing in the Army population. Three hundred and eleven positive influenza A and nine influenza B specimens were reported during surveillance week 17. One influenza-associated hospitalization was reported in week 17; the season total thus far is twenty-four 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, 73.2% were collected from individuals younger than 18 during surveillance week 17. Among AD service members, 68.8% of positive specimens were collected from individuals 18-29 years of age. Nationwide, influenza activity has slightly increased in most areas of the country with 8.1% 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 17



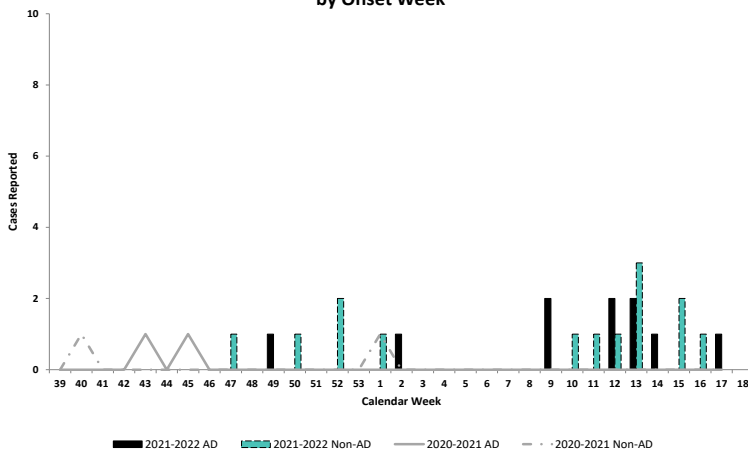
**AD:** Ninety-six positive respiratory specimens were collected from active-duty (AD) service members (SMs) during week 17; 68.8% (n=66) of the positive specimens were collected from SMs 18-29 years of age.

**Non-AD:** One hundred and twenty-three positive respiratory specimens were collected from non-AD individuals during week 17; 73.2% (n=90) 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-specific results may be noted throughout the report.*

## INFLUENZA-ASSOCIATED HOSPITALIZATIONS

Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week



One influenza-associated hospitalization with an onset date in week 17 was reported to the Disease Reporting System internet (DRSi); the case was an AD Soldier. The season total thus far is twenty-four hospitalizations. During the 2020-2021 season, no hospitalizations were reported in week 17 (with four hospitalizations reported from the start of the season through week 17).

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

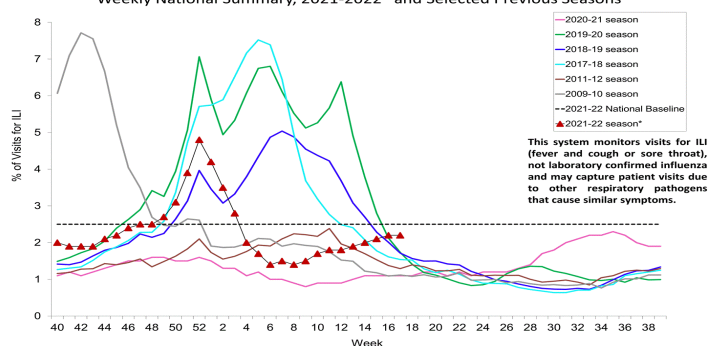
Data are preliminary and subject to change.

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

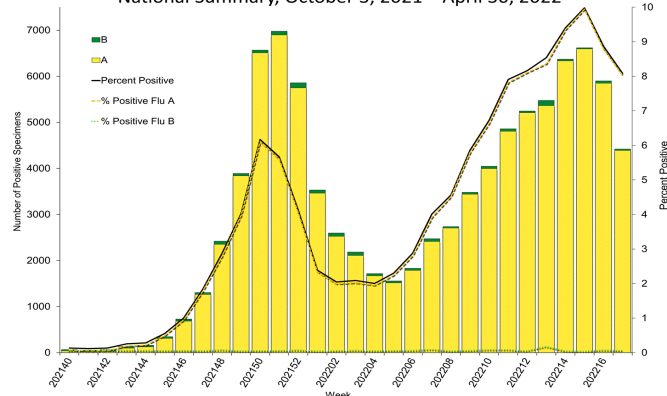


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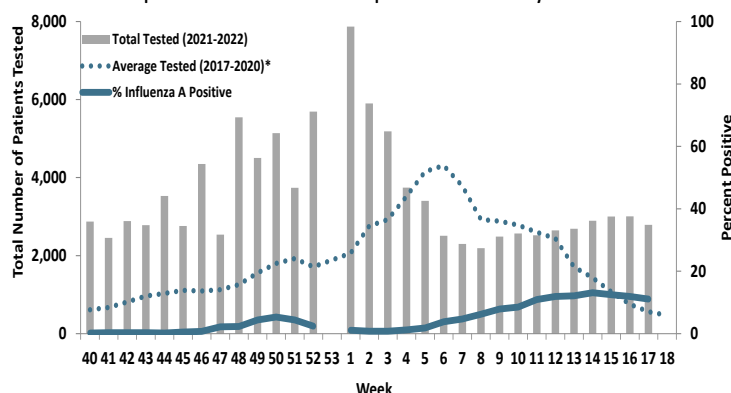
Nationwide in week 17, incident ILI activity was 2.2%; this is below the national baseline of 2.5%. At the time of publishing, incident ILI activity data for the Army population were unavailable.

## LABORATORY RESPIRATORY SPECIMEN TESTING

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 3, 2021 – April 30, 2022



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



Nationwide during week 17, a total of 54,691 specimens were tested for influenza by select clinical laboratories and submitted to the CDC; 4,421 (8.1%) were positive. Influenza A accounted for 99.3% (n=4,390) of the total positive specimens. In the Army population, 311 (11.1%) of the 2,791 specimens tested for influenza A were positive in week 17.

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.

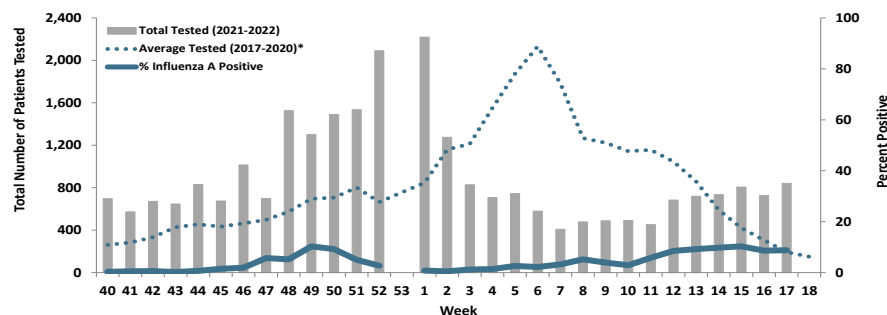
		Week 14	Week 15	Week 16	Week 17	Season Total
Army MTF Laboratory Results, 2021-22	Adenovirus	12	20	9	11	362
	Enterovirus	6	5	4	4	302
	Influenza A	379	375	358	311	4,406
	Influenza B	15	13	6	9	243
	Parainfluenza	10	15	20	21	358
	RSV	10	11	21	10	1,304
	Negative	6,885	7,546	7,612	7,081	256,768
	<b>Total</b>	<b>7,317</b>	<b>7,985</b>	<b>8,030</b>	<b>7,447</b>	<b>263,743</b>

Of the 7,447 test results for respiratory illnesses during week 17, 4.9% (n=366) were positive for any type of respiratory illness. Influenza A accounted for 85.0% (n=311), parainfluenza accounted for 5.7% (n=21), adenovirus accounted for 3.0% (n=11), respiratory syncytial accounted for 2.7% (n=10), influenza B accounted for 2.5% (n=9), and enterovirus accounted for 1.1% (n=4) of the positive results.

**Locations providing week 17 laboratory data as of 03 May 2022:** Carlisle Barracks, 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. Meade, Ft. Myer, Ft. Polk, Ft. Riley, Ft. Rucker, Ft. Sam Houston, Ft. Sill, Ft. Stewart, Ft. Wainwright, Korea, Landstuhl Regional Medical Center, the U.S. Military Academy, and Walter Reed National Military Medical Center.

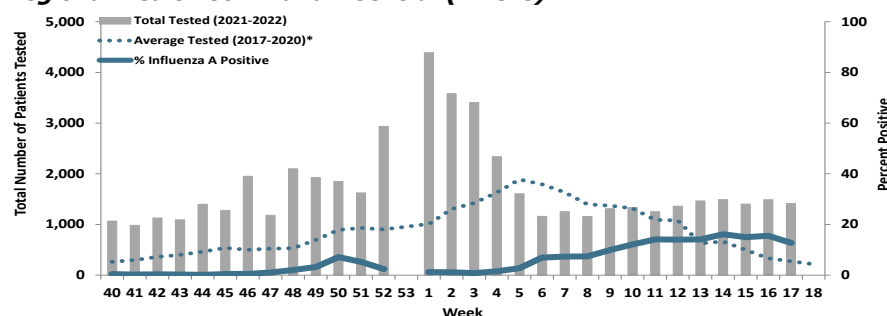
**Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2021-2022 as Compared to 2017-2020\***

**Regional Health Command - Atlantic (RHC-A)**



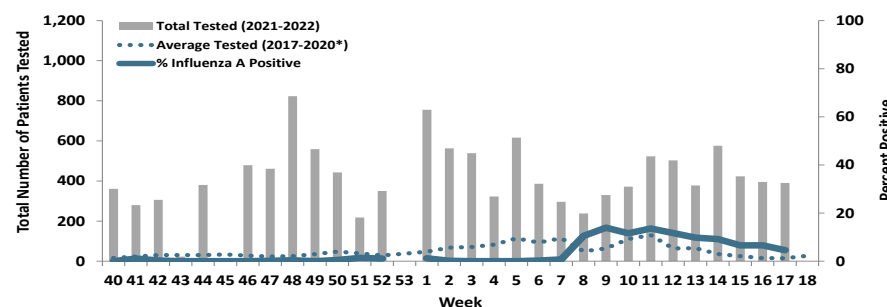
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	34	378
18-29	14	4	510
30-39	8	2	141
40-49	3	5	47
50-59	0	0	32
60+	0	1	35
<b>Total</b>	<b>25</b>	<b>46</b>	<b>1,143</b>

**Regional Health Command - Central (RHC-C)**



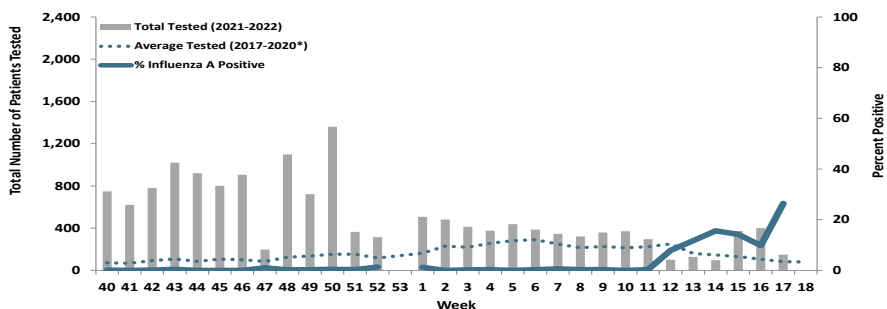
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	19	429
18-29	36	4	549
30-39	9	3	198
40-49	3	2	63
50-59	0	0	41
60+	0	6	66
<b>Total</b>	<b>48</b>	<b>34</b>	<b>1,346</b>

**Regional Health Command - Europe (RHC-E)**



Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	4	70
18-29	9	0	282
30-39	2	0	56
40-49	1	0	17
50-59	1	0	7
60+	0	1	4
<b>Total</b>	<b>13</b>	<b>5</b>	<b>436</b>

**Regional Health Command - Pacific (RHC-P)**



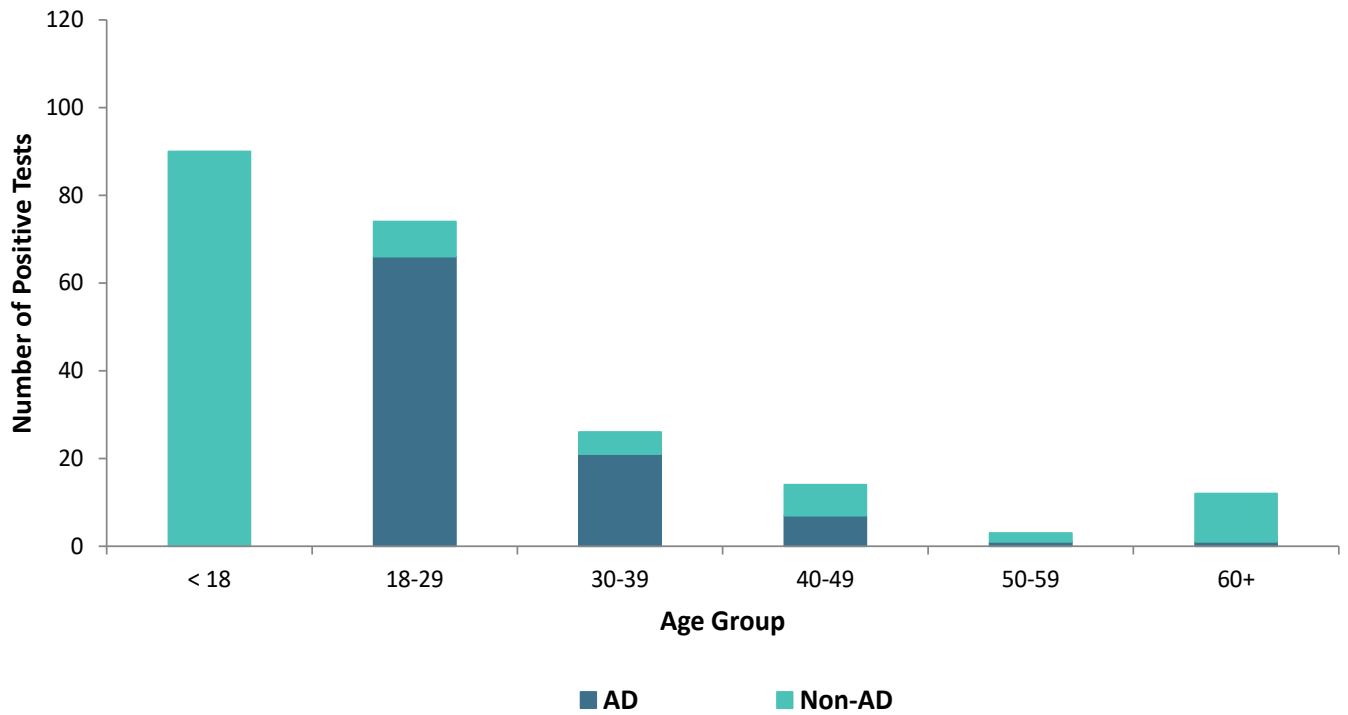
Week 17			
Age Group	AD	Non-AD	Season Total
< 18	0	0	1
18-29	0	0	11
30-39	0	0	0
40-49	0	0	1
50-59	0	0	1
60+	0	1	3
<b>Total</b>	<b>0</b>	<b>1</b>	<b>17</b>

\*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.

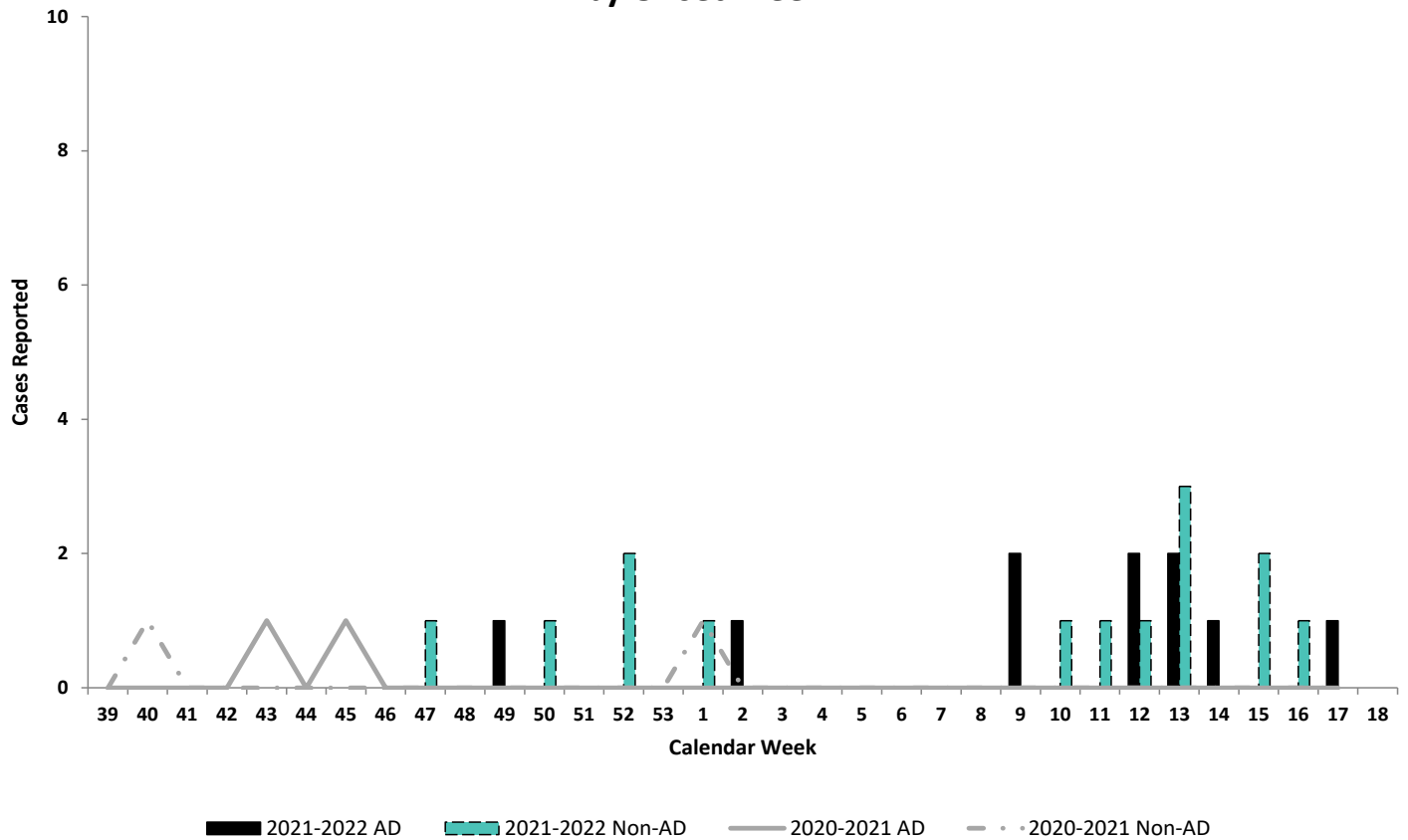
**Number of Positive Influenza A Specimens by Region and Duty Status**

Region	Week 14		Week 15		Week 16		Week 17	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
RHC-A	40	32	35	46	22	39	25	46
RHC-C	62	27	51	28	37	59	48	34
RHC-E	42	11	17	11	13	13	13	5
RHC-P	0	0	1	0	1	2	0	1

**Positive Respiratory Specimen Results from Army MTFs by Age Group and Beneficiary Status, Week 17**



**Army Influenza-Associated Hospitalizations Reported in DRSi by Onset Week**

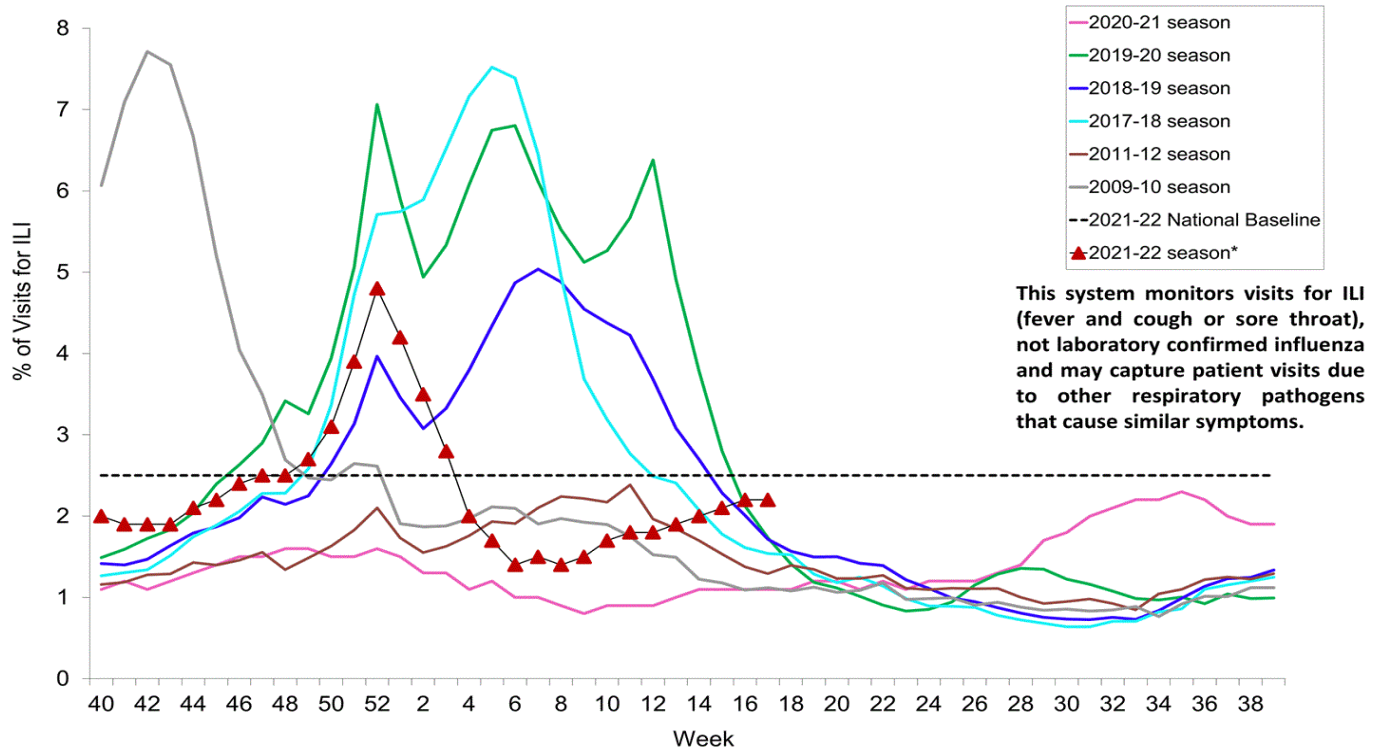


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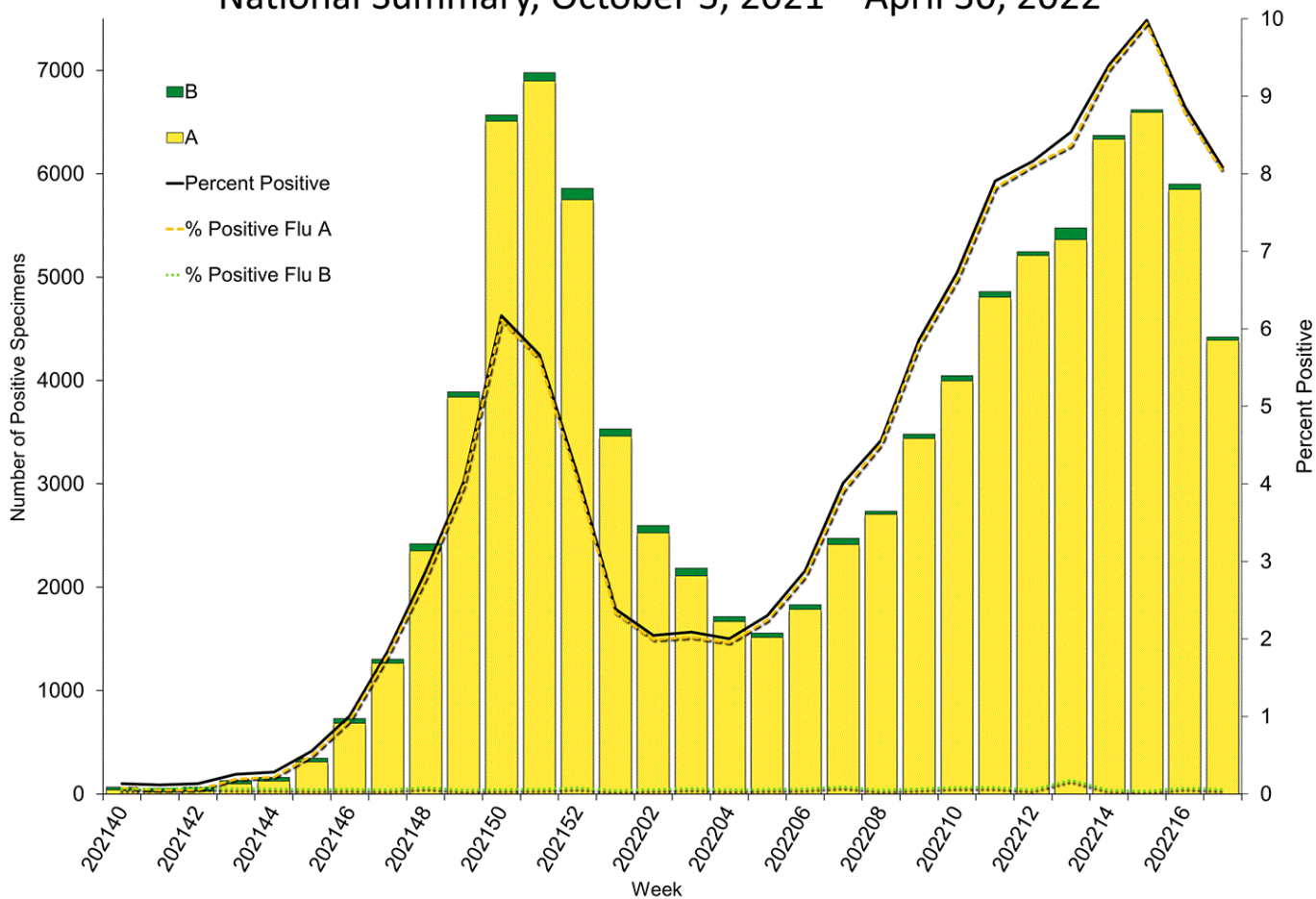
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Source: Centers for Disease Control and Prevention (CDC)



### Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 3, 2021 – April 30, 2022



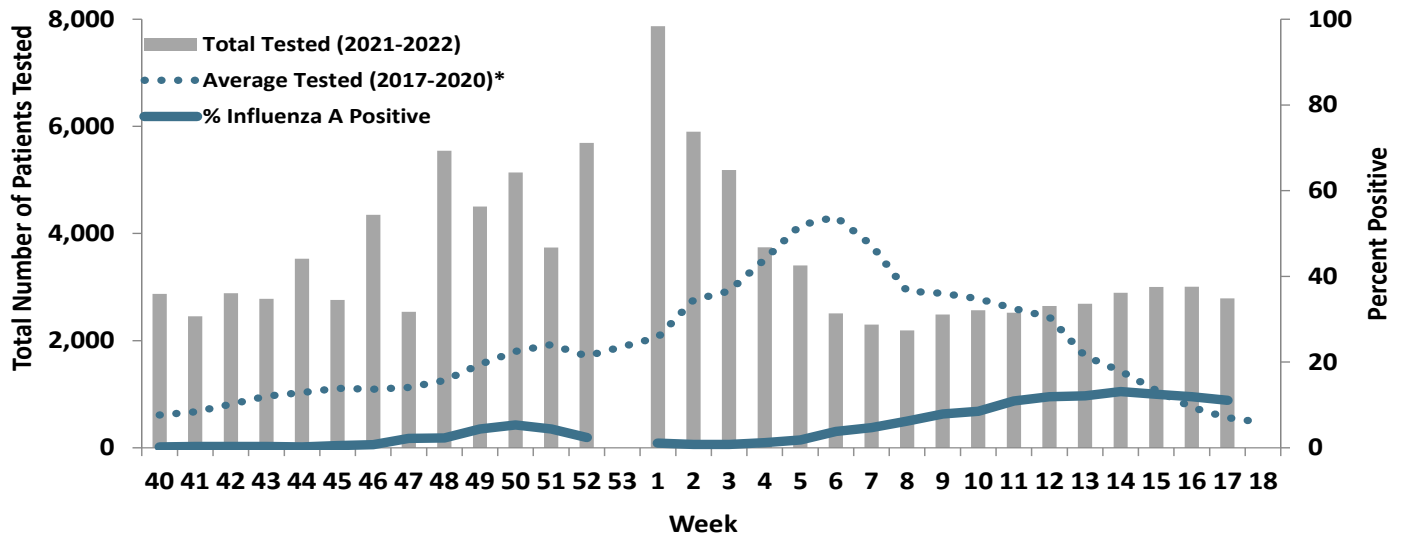
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