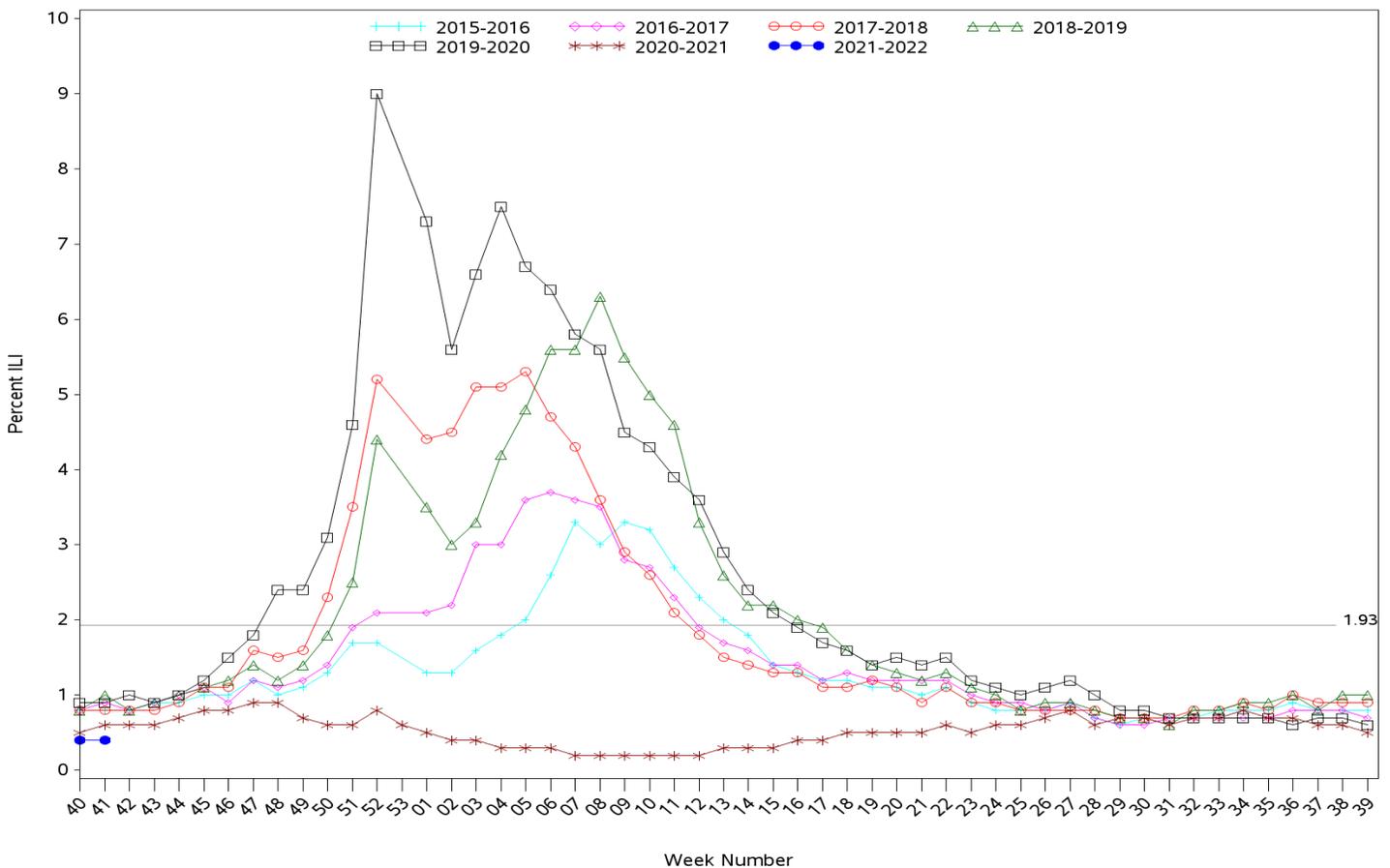




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 41: 10/10/2021 - 10/16/2021)**

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
  - Five out of eleven IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly decreased ILI activity from the previous week.
  - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 41 (1.83%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 61,632 doses of influenza vaccine.
- Overall, 9.3% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- The data within this report reflects data gathered after the installation of ILI/H1N1 Surveillance Export (APCL v3.0 patch 33) at most sites. Patch change request information can be provided upon request.

**All Reporting IHS Areas**  
**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years**  
**Percentage of Visits for ILI Visits per Week**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

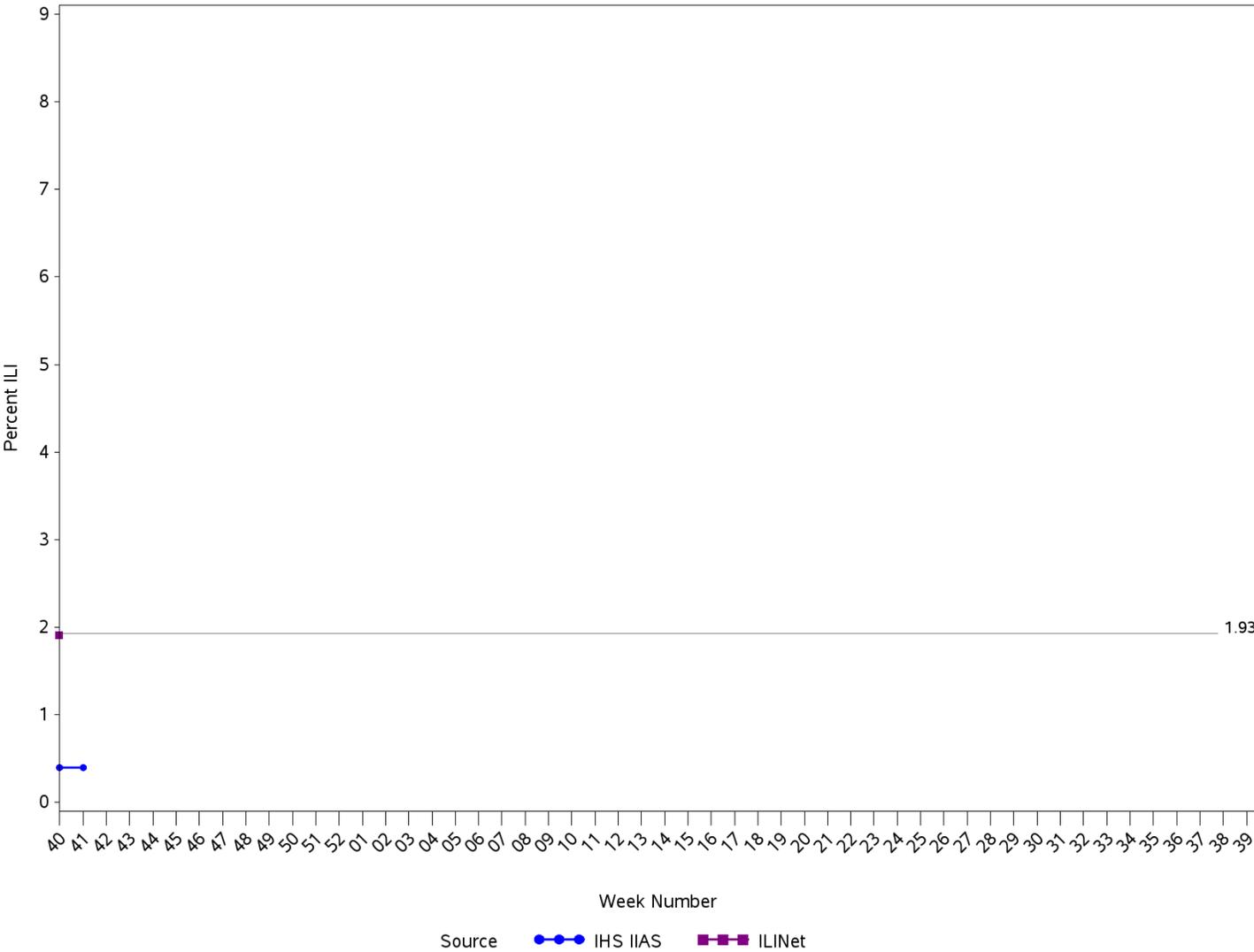
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2021-2022 IIAS baseline. The ILINet baseline value for 2021-2022 is 2.5.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous three seasons, plus two standard deviations.

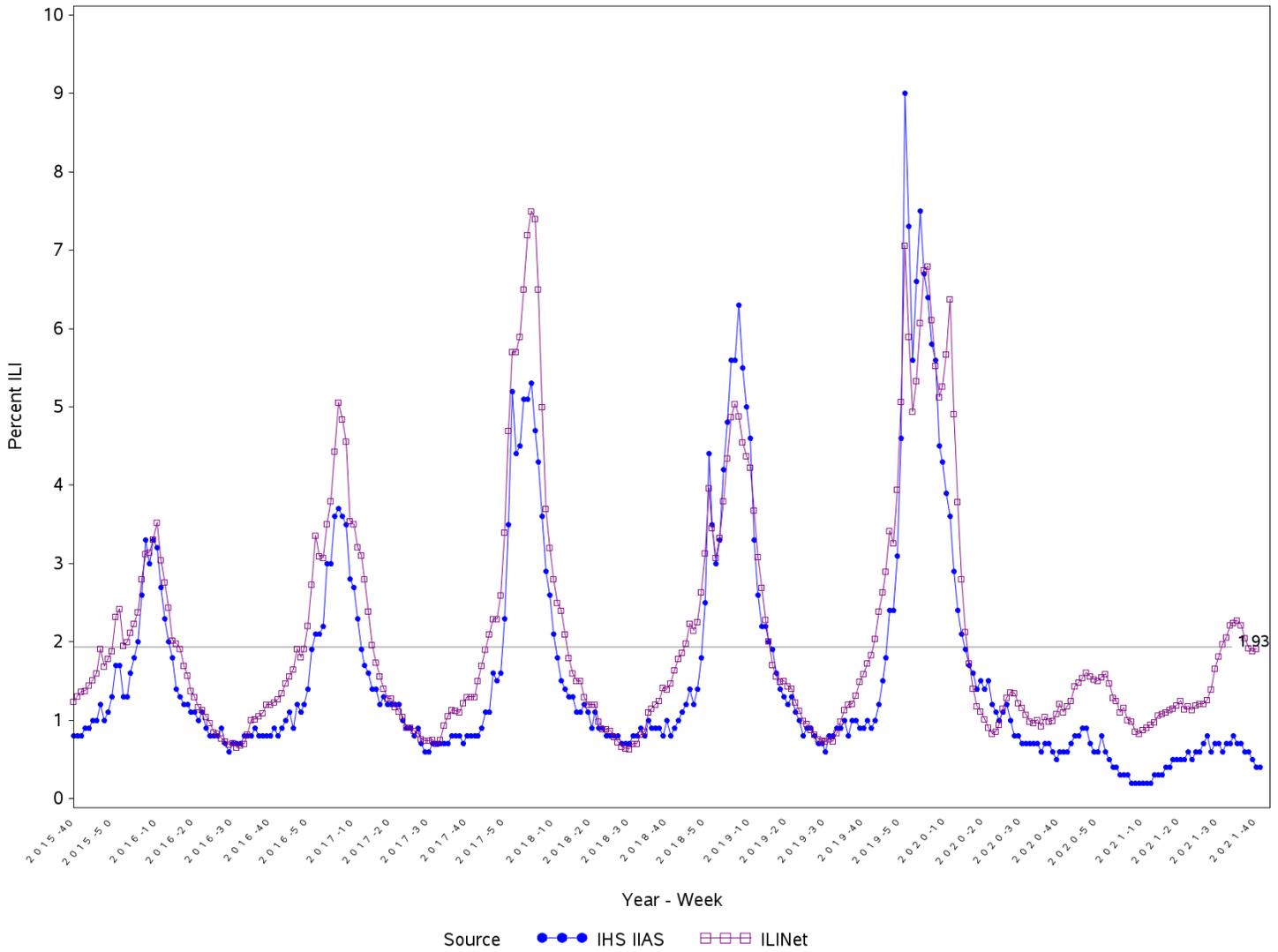
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

**Percentage of Outpatient Visits for Influenza-Like Illness (ILI)**  
**Percent ILI for Flu Year 2021 - 2022**  
**CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)**  
**10/10/21 through 10/16/21 (Week 41)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 is 2.5.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.  
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IHS IIAS - Influenza-like Illness Awareness System

**IHS Influenza-like Illness Awareness System vs. CDC ILINet  
Influenza-Like Illness (ILI) for six year window from latest full week  
Percentage of Visits for ILI per week  
10/10/21 through 10/16/21 (Week 41)**



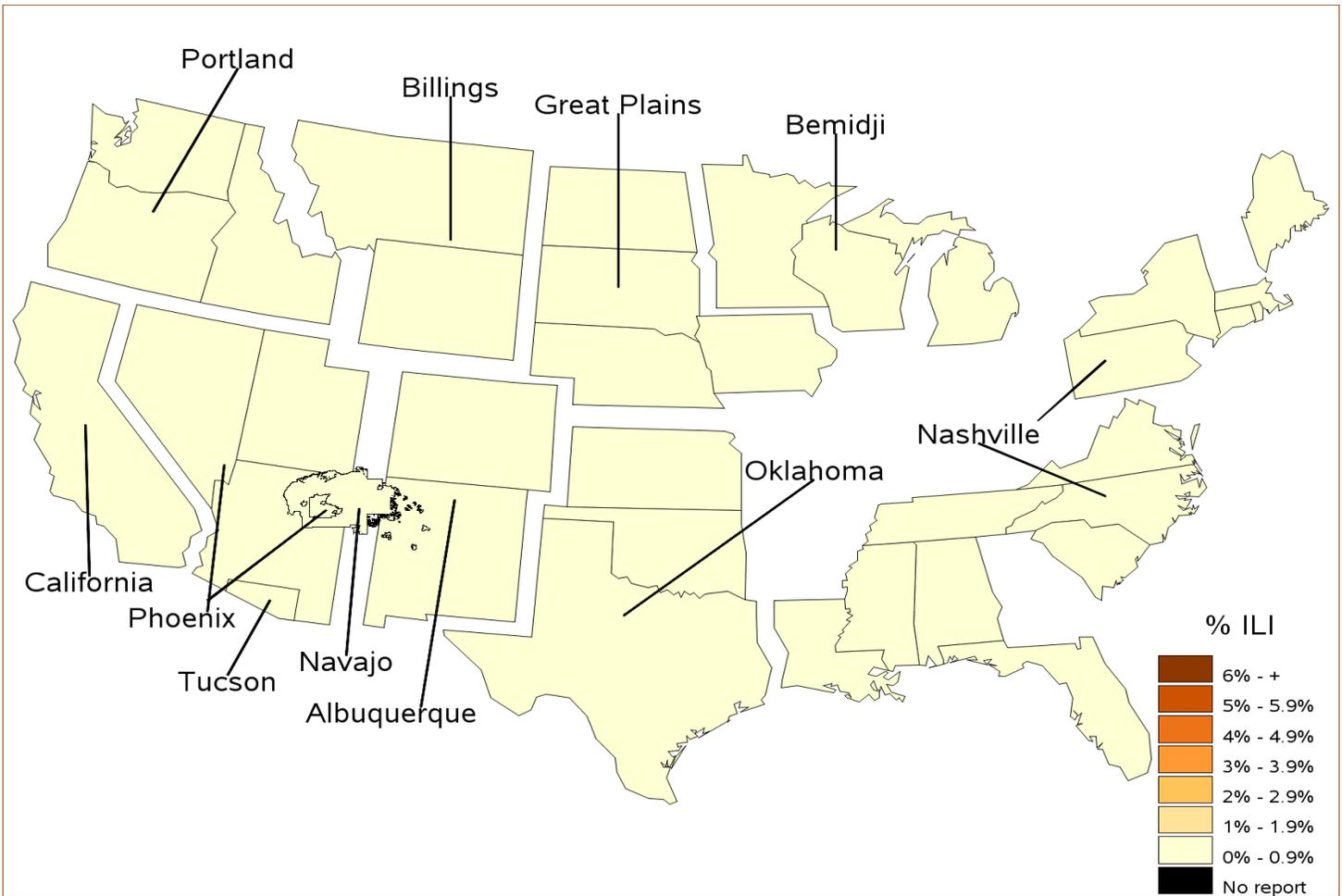
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 is 2.5.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.

Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IHS IIAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area  
For Week Ending 10/16/21 (Week 41)**



**Percent ILI Visits\*  
Current week compared to previous week  
For Week Ending 10/16/21 (Week 41)**

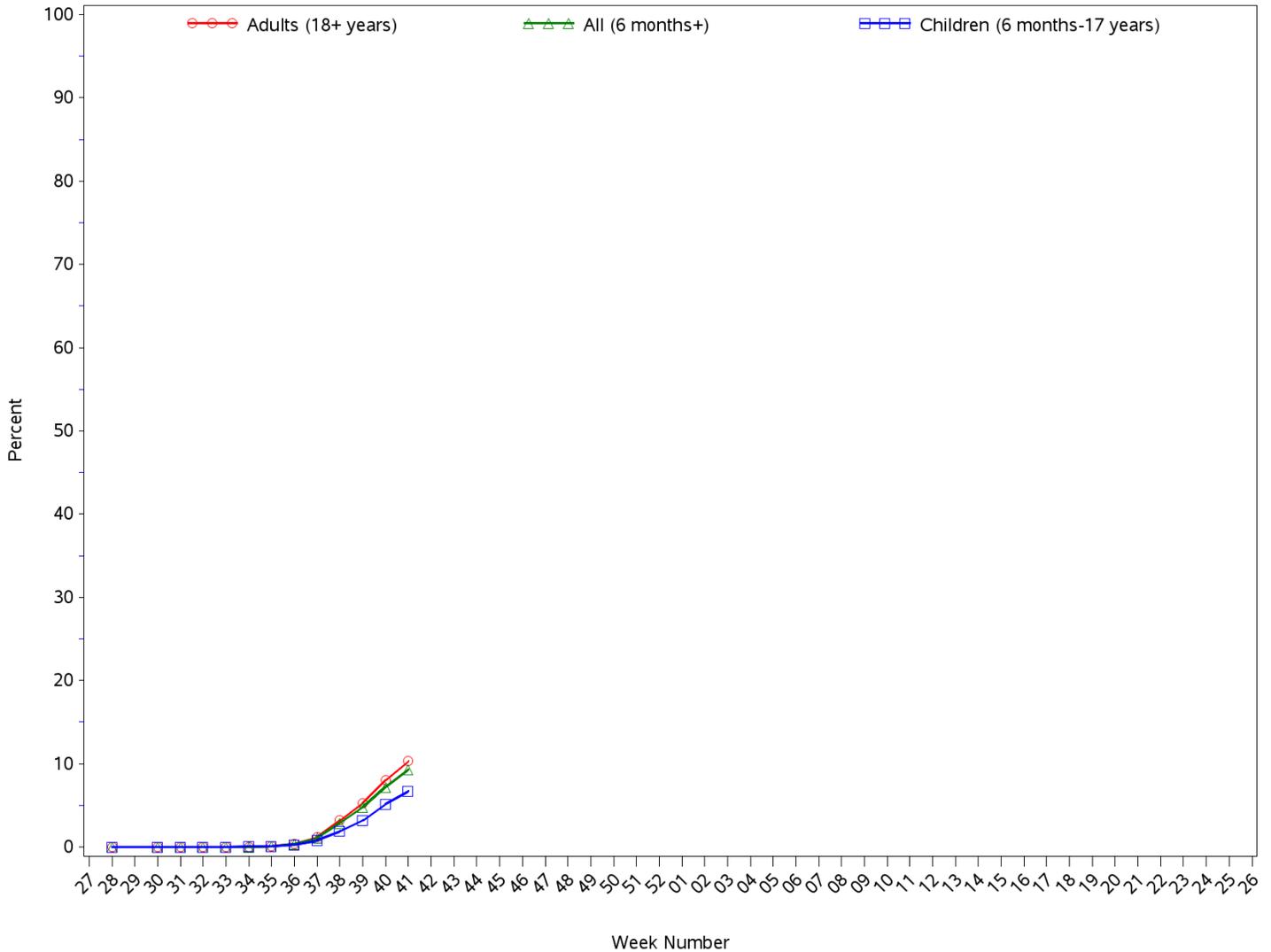
<b>IHS Areas</b>	<b>Previous Week (40)</b>	<b>Current Week (41)</b>
NATIONAL	0.4	0.4
ALBUQUERQUE	0.3	0.3
BEMIDJI	0.3	0.5
BILLINGS	0.2	0.3
CALIFORNIA	0.2	0.0
GREAT PLAINS	0.6	0.8
NASHVILLE	0.5	0.6
NAVAJO	0.2	0.2
OKLAHOMA	0.4	0.5
PHOENIX	0.5	0.4
PORTLAND	0.2	0.0
TUCSON	0.5	0.2

Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

# IHS Influenza Vaccination Surveillance

As of 10/16/2021, sites reporting to the IIAS have administered 61,632 doses (1st and 2nd) of seasonal influenza vaccine to active clinical patients 6 months of age and older.

## All Reporting IHS Areas Percentage of Seasonal Influenza Vaccine Coverage among Active Clinical Population 07/04/21 through 10/16/21 (Week 41)



**All Reporting IHS Areas  
Seasonal Influenza Vaccine Coverage by Age Group\*  
Active Clinical Population\*\*  
07/04/21 through 10/16/21 (Week 41)**

Age Group	Active Clinical Population**	Seasonal Flu Vaccine (At Least 1 Dose)***	% Seasonal Flu (At Least 1 Dose)	Seasonal Flu Vaccine (At Least 2 Doses)	% Seasonal Flu (At Least 2 Doses)	Total # Doses Administered****
0 - 5 months	2,480	5	0.2	0	0.0	5
6 - 23 months	12,391	1,030	8.3	11	0.1	1,041
2 - 4 years	32,936	1,711	5.2	0	0.0	1,712
5 - 17 years	134,514	9,314	6.9	5	0.0	9,328
18 - 49 years	272,533	21,769	8.0	33	0.0	21,851
50 - 64 years	120,935	17,933	14.8	29	0.0	18,009
65 + years	86,727	9,576	11.0	32	0.0	9,691
Children (6 months-17 years)	179,841	12,055	6.7	16	0.0	12,081
Adults (18+ years)	480,195	49,278	10.3	94	0.0	49,551
All (6 months+)	660,036	61,333	9.3	110	0.0	61,632

\* Limited to sites that exported both doses administered along with accompanying Active Clinical population data.

\*\* Active Clinical is defined as patients who have had at least 2 visits in the last 3 years.

\*\*\* Number of unique patients with at least 1 dose.

\*\*\*\* Total # Doses Administered = All doses administered to patients including doses not included in coverage calculation due to lack of Active Clinical Population

**Seasonal Influenza Vaccination Code Counts by IHS Area  
07/04/21 through 10/16/21 (Week 41)**

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 168 FLU-IIV3ad	CVX 171 FLU-ccI4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccI4	CVX 197 FLU-HIGH	CVX 205 FLU-IIV4ad	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	23	42	1	2,163	2,032	52	7	1	2	7	0	0	0	0	14	4,344
BEM	19	22	5	1,858	44	0	0	12	3	0	0	0	0	0	14	1,977
BIL	45	11	20	2,567	686	5	0	4	19	0	0	0	0	0	14	3,371
CAO	342	74	1	693	169	9	1	124	50	78	0	0	0	0	22	1,563
GPA	320	25	8	2,827	290	447	0	6	0	0	0	0	0	0	8	3,931
NSA	164	64	8	1,580	1,826	18	1	4	1	2	0	0	0	0	28	3,696
NAV	35	86	0	19,269	2,353	84	1	5	4	76	0	0	0	0	54	21,967
OKC	368	212	117	9,978	1,593	134	1	20	6	8	0	0	0	0	45	12,482
PHX	111	57	0	3,951	2,062	26	2	4	2	7	0	0	0	0	20	6,242
POR	50	10	10	90	565	3	0	50	0	0	0	0	0	0	7	785
TUC	8	0	0	1,603	16	1	0	1	0	0	0	0	0	0	1	1,630
	<b>1,485</b>	<b>603</b>	<b>170</b>	<b>46,579</b>	<b>11,636</b>	<b>779</b>	<b>13</b>	<b>231</b>	<b>87</b>	<b>178</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>227</b>	<b>61,988</b>

Patient Counts Not Deduplicated

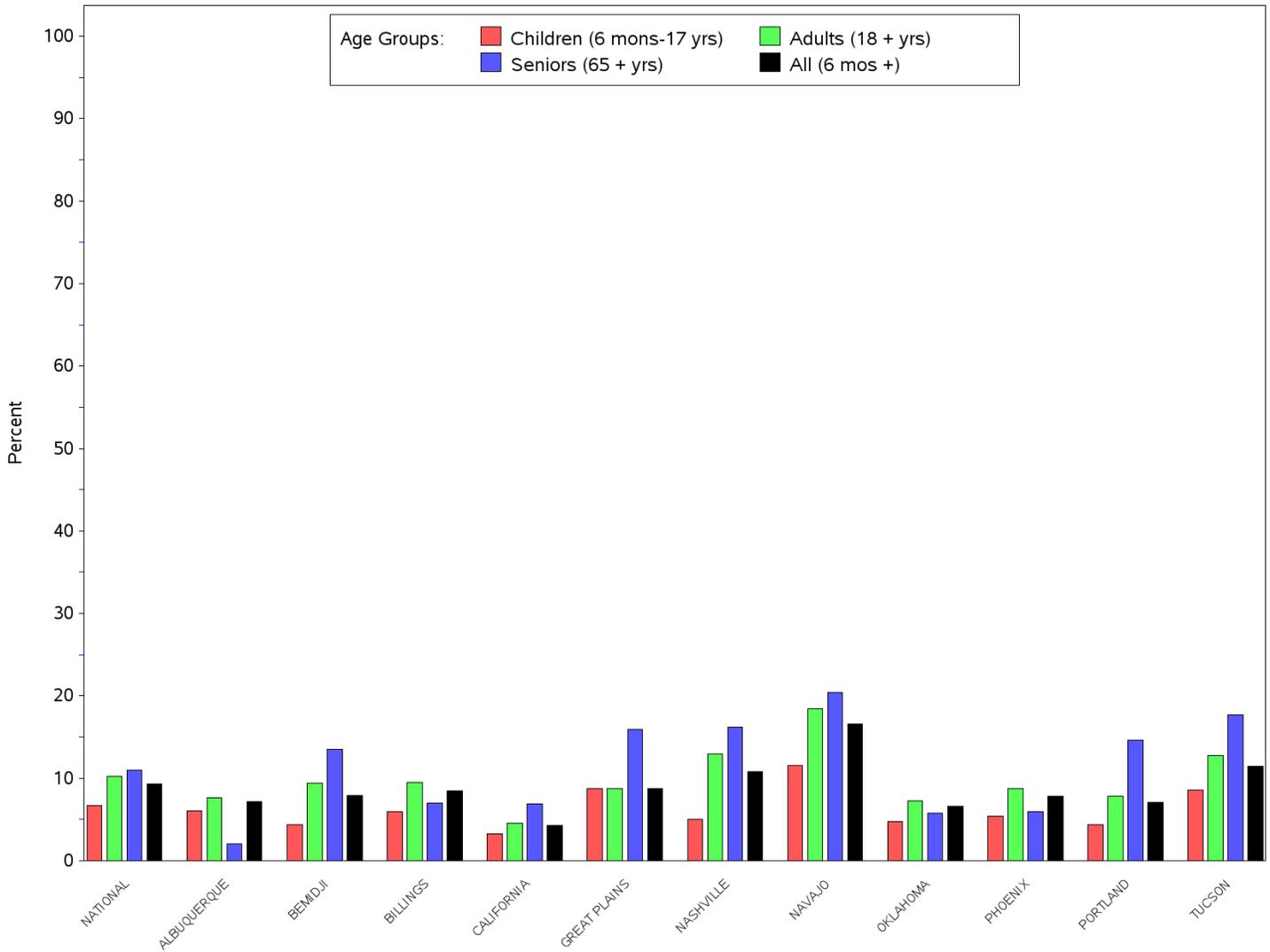
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

\*\* CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654-90658,90662, 90672, 90673, 90685, 90686, G0008, and G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

**All Reporting IHS Areas**  
**Influenza Vaccine Coverage for all Age Groups for National and in each Area**  
**% Seasonal Flu (At Least 1 Dose) for Active Clinical Population**  
**07/04/21 through 10/16/21 (Week 41)**



**All Reporting IHS Areas**  
**Influenza Vaccine Coverage for all Age Groups for National and in each Area**  
**% Seasonal Flu (At Least 1 Dose) for Active Clinical Population**  
**07/04/21 through 10/16/21 (Week 41)**

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	6.7	10.3	11.0	9.3
ALBUQUERQUE	6.1	7.6	2.1	7.2
BEMIDJI	4.4	9.4	13.5	7.9
BILLINGS	6.0	9.5	7.0	8.5
CALIFORNIA	3.3	4.6	6.9	4.3
GREAT PLAINS	8.8	8.8	15.9	8.8
NASHVILLE	5.0	13.0	16.2	10.8
NAVAJO	11.6	18.5	20.4	16.6
OKLAHOMA	4.8	7.3	5.8	6.6
PHOENIX	5.4	8.8	6.0	7.8
PORTLAND	4.4	7.8	14.6	7.1
TUCSON	8.6	12.8	17.7	11.5

**Number of RPMS Databases Reporting for Week Ending 10/16/21 (Week 41)**

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	109	189
ALBUQUERQUE	14	21
BEMIDJI	6	11
BILLINGS	10	22
CALIFORNIA	11	17
GREAT PLAINS	8	12
NASHVILLE	21	25
NAVAJO	6	13
OKLAHOMA	18	39
PHOENIX	7	16
PORTLAND	7	9
TUCSON	1	4

\* Exporting databases may include data from multiple facilities.

\*\* Includes only facility categories: Hospital, Health Center, Health Station and Health Location

NR = Not Reported