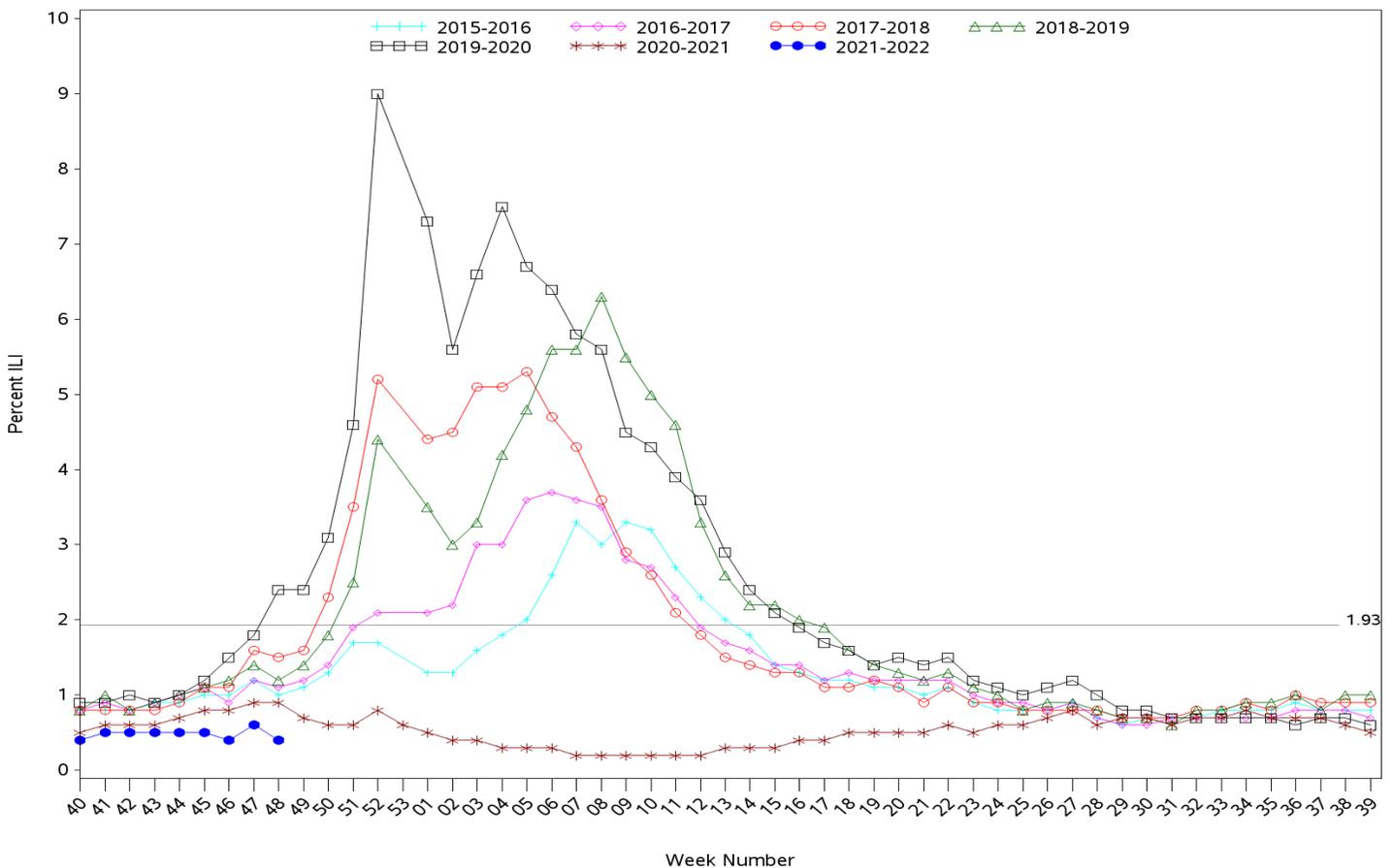




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**(Week 48: 11/28/2021 – 12/04/2021)**

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
  - Seven out of eleven IHS Areas reported a decrease 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 48 (2.47%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 141,214 doses of influenza vaccine.
- Overall, 21.2% 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.

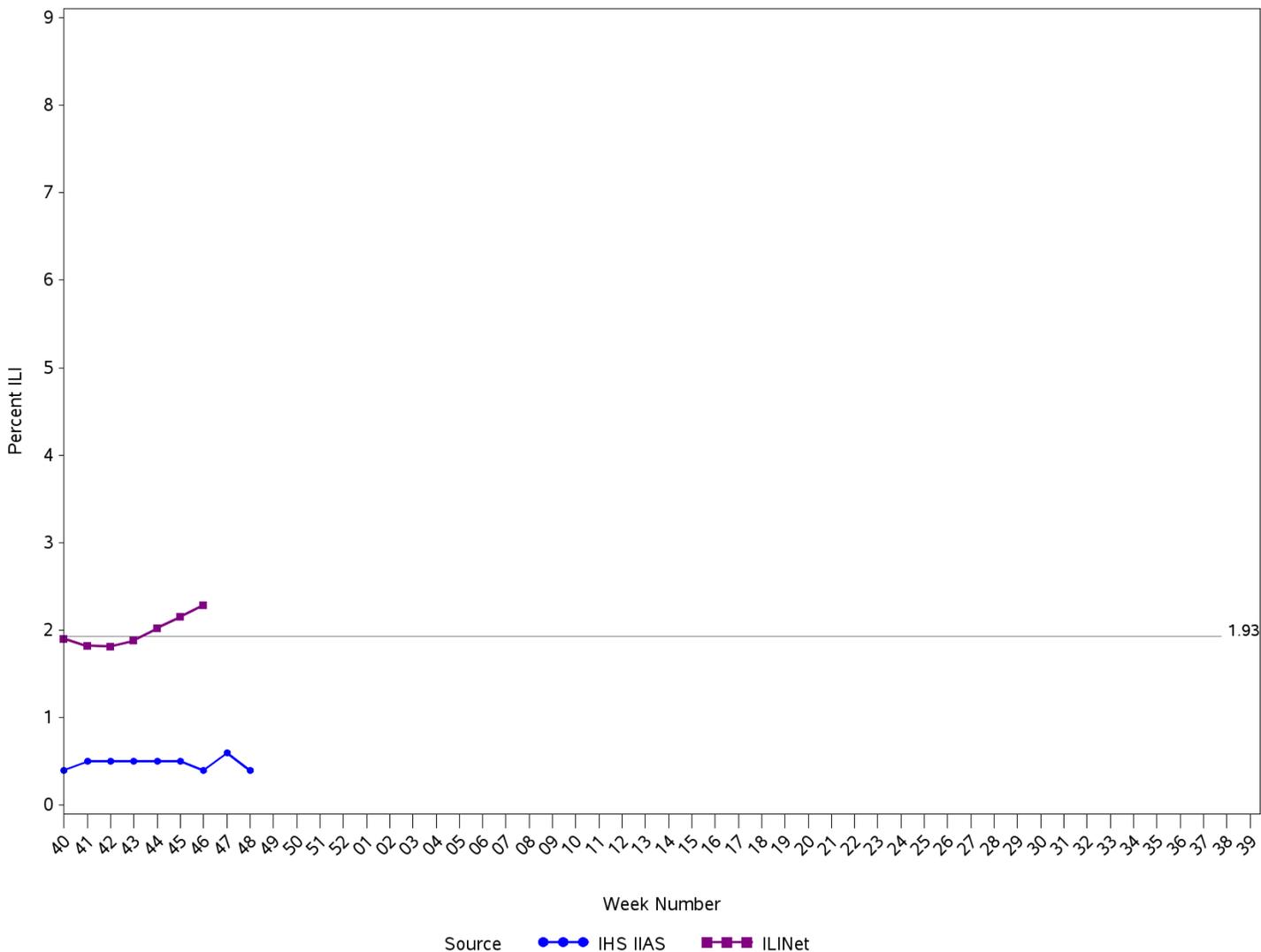
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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)**  
**10/03/21 through 12/04/21 (Week 48)**



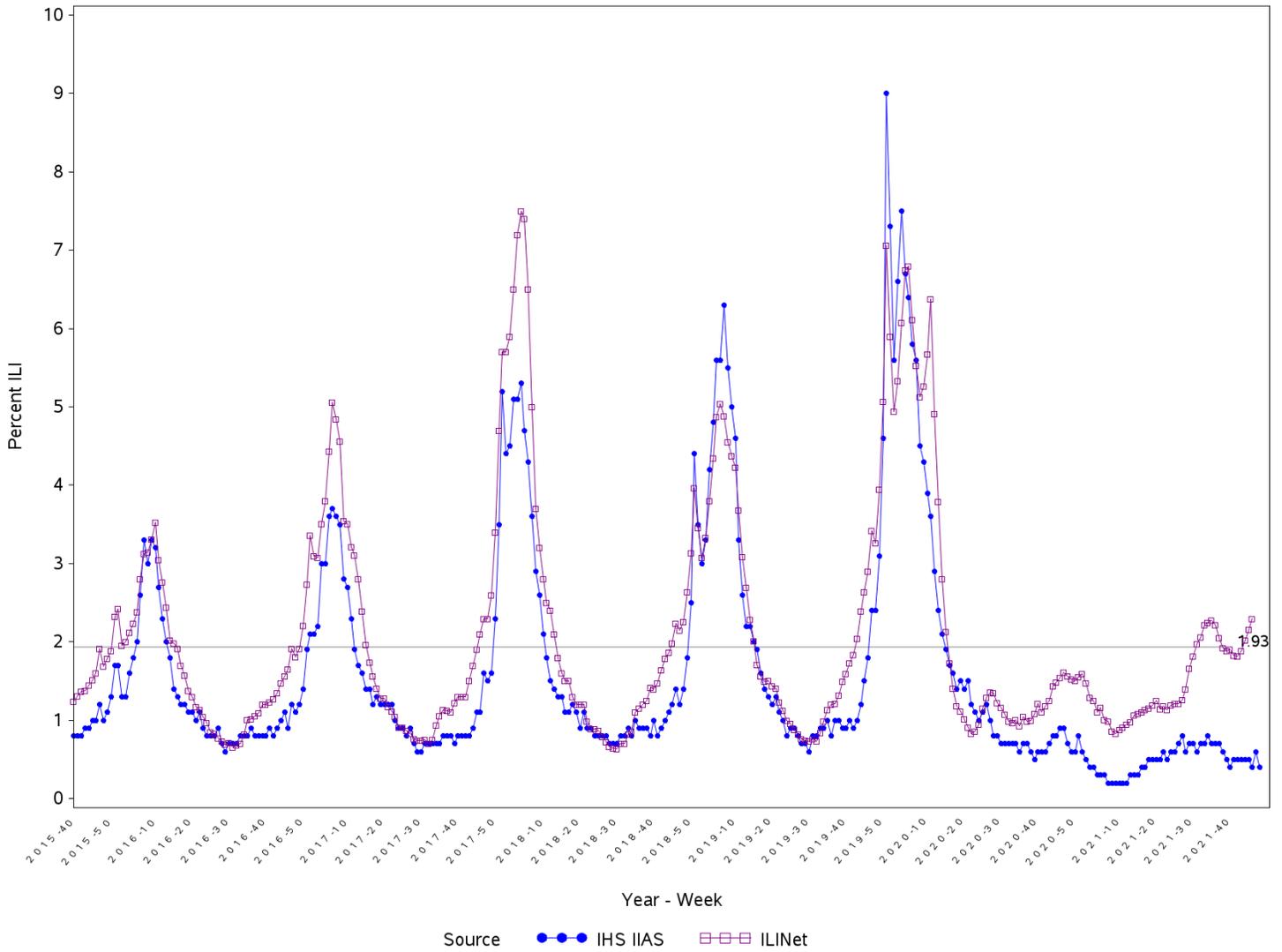
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

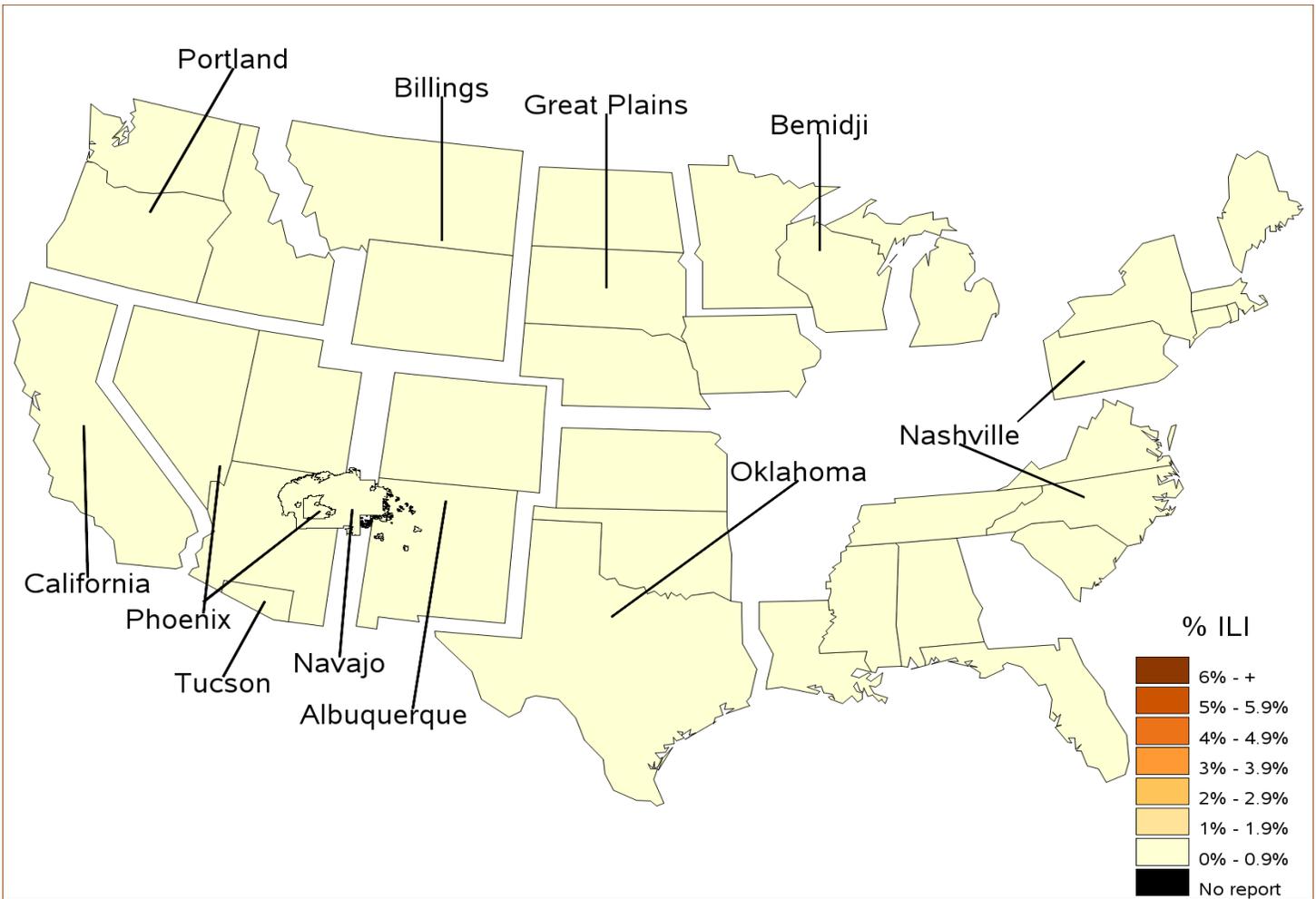
**IHS Influenza-like Illness Awareness System vs. CDC ILINet**  
**Influenza-Like Illness (ILI) for six year window from latest full week**  
**Percentage of Visits for ILI per week**  
**10/03/21 through 12/04/21 (Week 48)**



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 Sentinal Surveillance System for Influenza-Like Illness, IHS IAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area  
For Week Ending 12/04/21 (Week 48)**



**Percent ILI Visits\*  
Current week compared to previous week  
For Week Ending 12/04/21 (Week 48)**

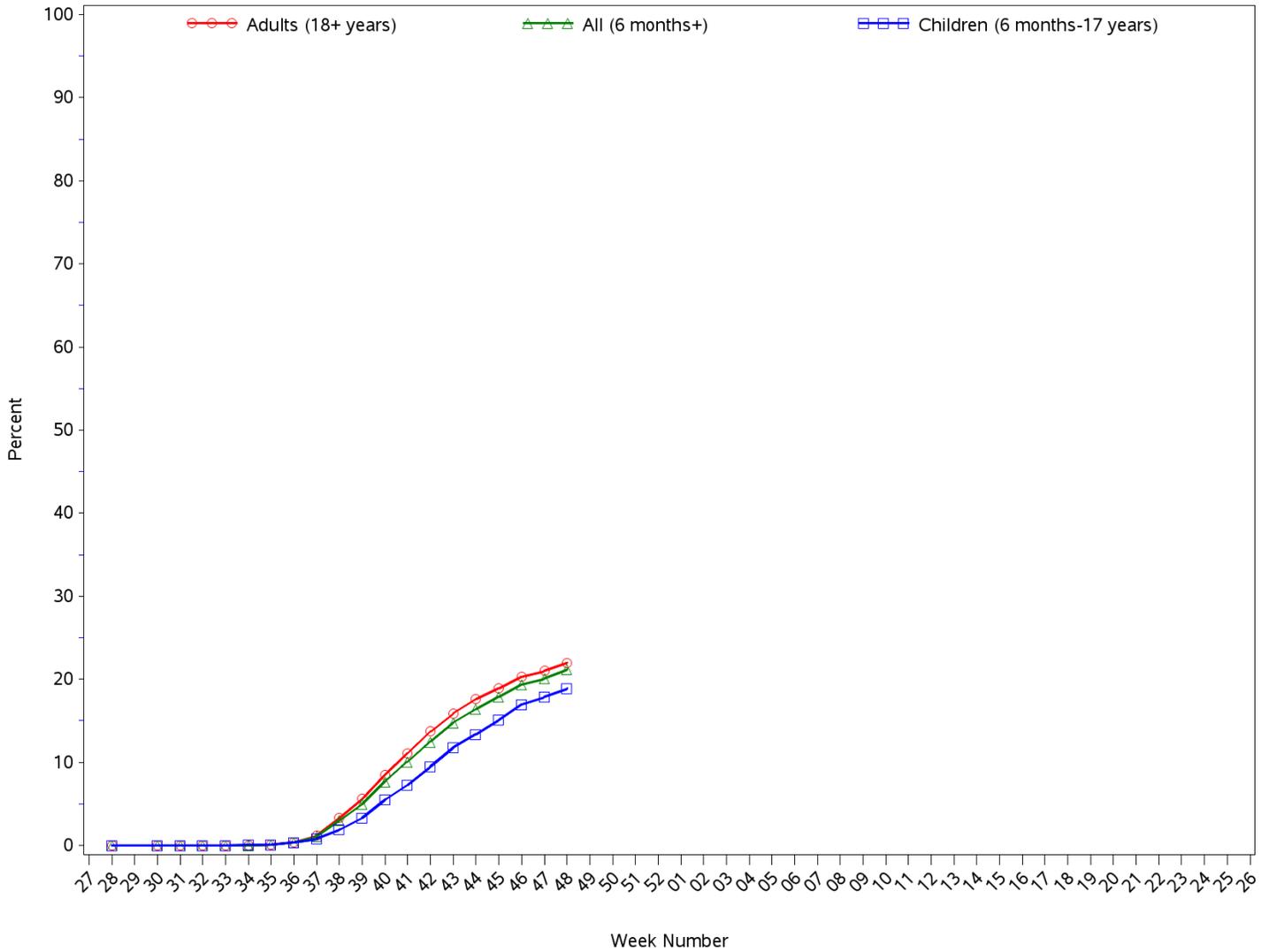
<b>IHS Areas</b>	<b>Previous Week (47)</b>	<b>Current Week (48)</b>
NATIONAL	0.6	0.4
ALBUQUERQUE	0.4	0.2
BEMIDJI	0.2	0.6
BILLINGS	1.0	0.6
CALIFORNIA	0.3	0.2
GREAT PLAINS	1.1	0.8
NASHVILLE	1.5	0.9
NAVAJO	0.3	0.2
OKLAHOMA	0.5	0.6
PHOENIX	0.5	0.4
PORTLAND	0.0	0.2
TUCSON	0.6	0.8

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

# IHS Influenza Vaccination Surveillance

As of 12/04/2021, sites reporting to the IIAS have administered 141,214 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 12/04/21 (Week 48)**



**All Reporting IHS Areas  
Seasonal Influenza Vaccine Coverage by Age Group\*  
Active Clinical Population\*\*  
07/04/21 through 12/04/21 (Week 48)**

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	2,472	12	0.5	0	0.0	12
6 - 23 months	12,341	2,815	22.8	273	2.2	3,093
2 - 4 years	32,925	4,376	13.3	28	0.1	4,420
5 - 17 years	134,087	26,792	20.0	83	0.1	26,970
18 - 49 years	272,114	49,184	18.1	163	0.1	49,547
50 - 64 years	120,828	38,097	31.5	145	0.1	38,437
65 + years	86,674	18,373	21.2	91	0.1	18,747
Children (6 months-17 years)	179,353	33,983	18.9	384	0.2	34,483
Adults (18+ years)	479,616	105,654	22.0	399	0.1	106,731
All (6 months+)	658,969	139,637	21.2	783	0.1	141,214

\* 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 12/04/21 (Week 48)**

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-ccl4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccl4	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	107	233	36	8,026	5,142	168	10	14	7	21	0	0	0	0	57	13,821
BEM	25	57	19	3,697	87	1	0	14	9	1	0	0	0	0	26	3,936
BIL	111	81	95	5,919	1,632	18	0	8	40	9	0	0	0	0	37	7,950
CAO	719	137	5	1,760	366	14	3	272	108	125	0	0	0	0	24	3,533
GPA	631	112	10	6,099	845	936	0	13	0	2	0	0	0	0	17	8,665
NSA	324	163	27	4,380	3,023	11	1	35	10	3	0	0	0	0	76	8,053
NAV	86	219	0	38,492	3,311	174	1	11	7	213	0	0	0	0	188	42,702
OKC	1,036	1,041	274	22,175	3,990	286	19	77	91	21	0	0	0	0	74	29,084
PHX	212	286	1	12,399	5,873	72	2	11	3	7	0	0	0	0	47	18,913
POR	91	46	29	390	1,171	13	0	153	1	1	0	0	0	0	9	1,904
TUC	20	5	0	3,867	37	20	0	4	0	0	0	0	0	0	4	3,957
	<b>3,362</b>	<b>2,380</b>	<b>496</b>	<b>107,204</b>	<b>25,477</b>	<b>1,713</b>	<b>36</b>	<b>612</b>	<b>276</b>	<b>403</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>559</b>	<b>142,518</b>

Patient Counts Not Deduplicated

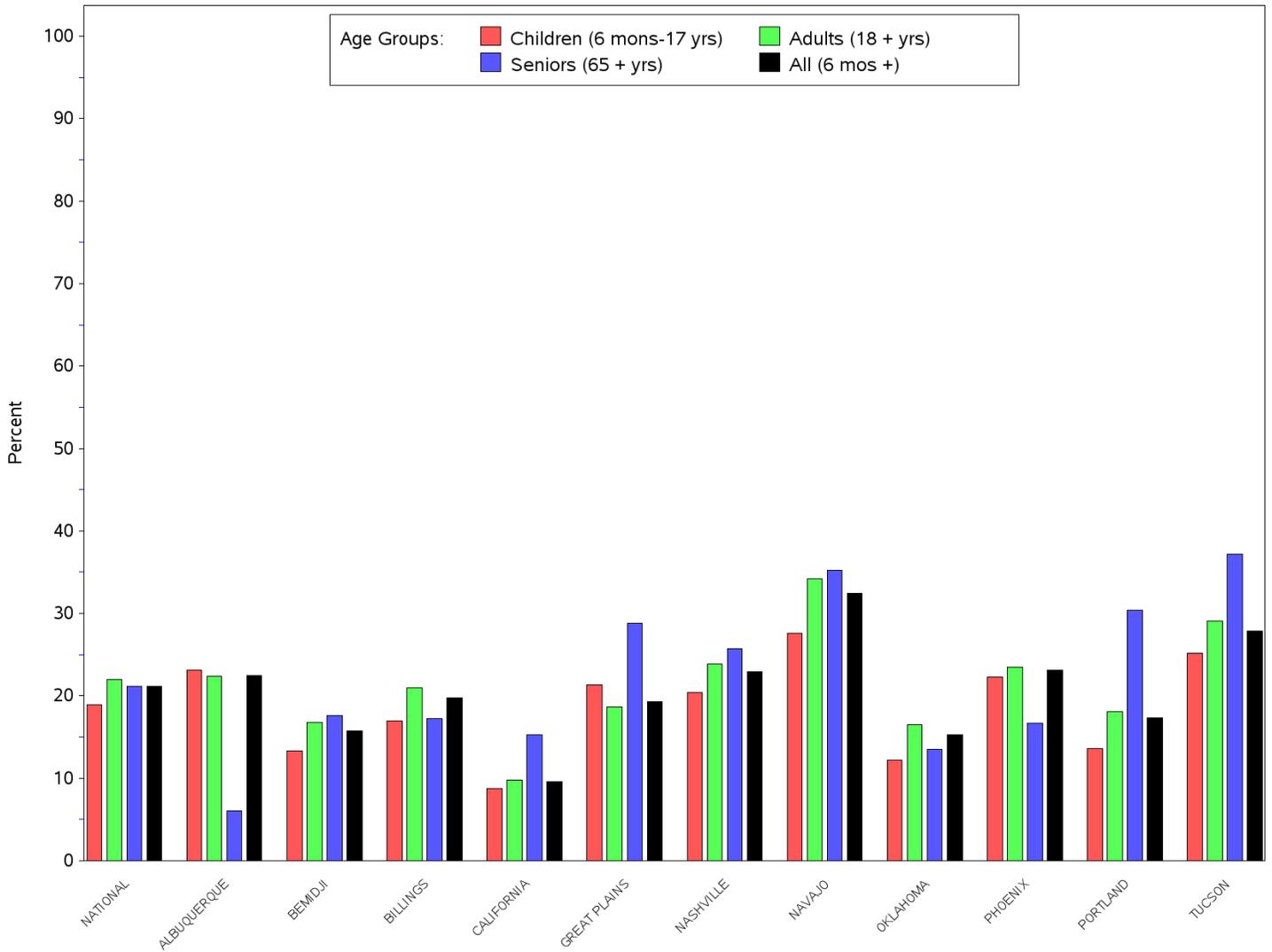
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 12/04/21 (Week 48)**



**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 12/04/21 (Week 48)**

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	18.9	22.0	21.2	21.2
ALBUQUERQUE	23.1	22.4	6.1	22.5
BEMIDJI	13.3	16.8	17.6	15.8
BILLINGS	17.0	21.0	17.2	19.8
CALIFORNIA	8.8	9.8	15.3	9.6
GREAT PLAINS	21.3	18.6	28.8	19.3
NASHVILLE	20.4	23.9	25.7	22.9
NAVAJO	27.6	34.2	35.2	32.4
OKLAHOMA	12.2	16.5	13.5	15.3
PHOENIX	22.3	23.5	16.7	23.1
PORTLAND	13.6	18.1	30.4	17.3
TUCSON	25.2	29.1	37.2	27.9

**Number of RPMS Databases Reporting for Week Ending 12/04/21 (Week 48)**

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	99	163
ALBUQUERQUE	14	20
BEMIDJI	2	3
BILLINGS	10	19
CALIFORNIA	11	17
GREAT PLAINS	7	10
NASHVILLE	21	28
NAVAJO	5	16
OKLAHOMA	18	25
PHOENIX	7	17
PORTLAND	3	5
TUCSON	1	3

\* Exporting databases may include data from multiple facilities.

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

NR = Not Reported