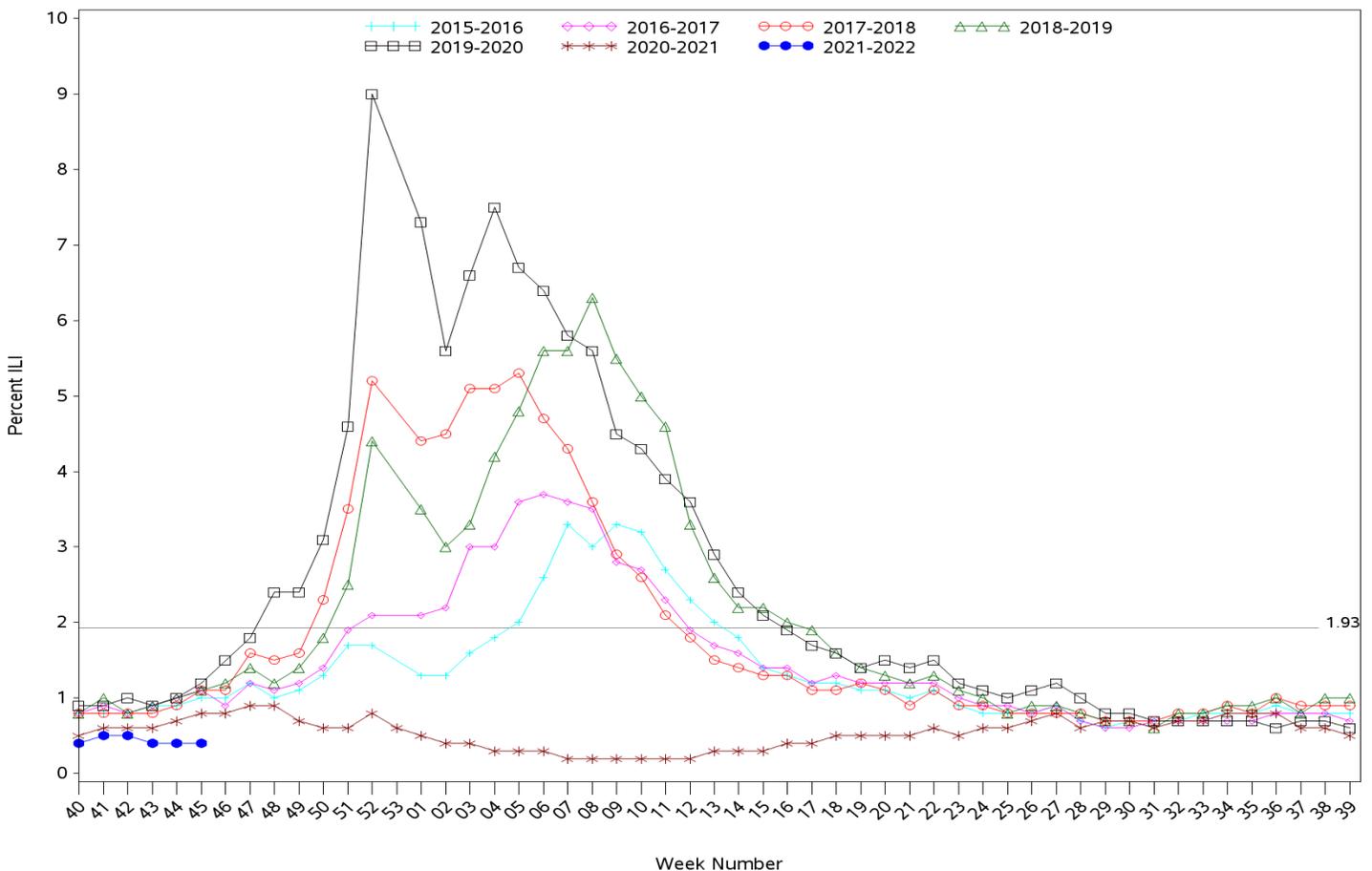




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 45: 11/07/2021 - 11/13/2021)**

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
  - Four 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 45 (2.14%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 115,549 doses of influenza vaccine.
- Overall, 17.4% 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.

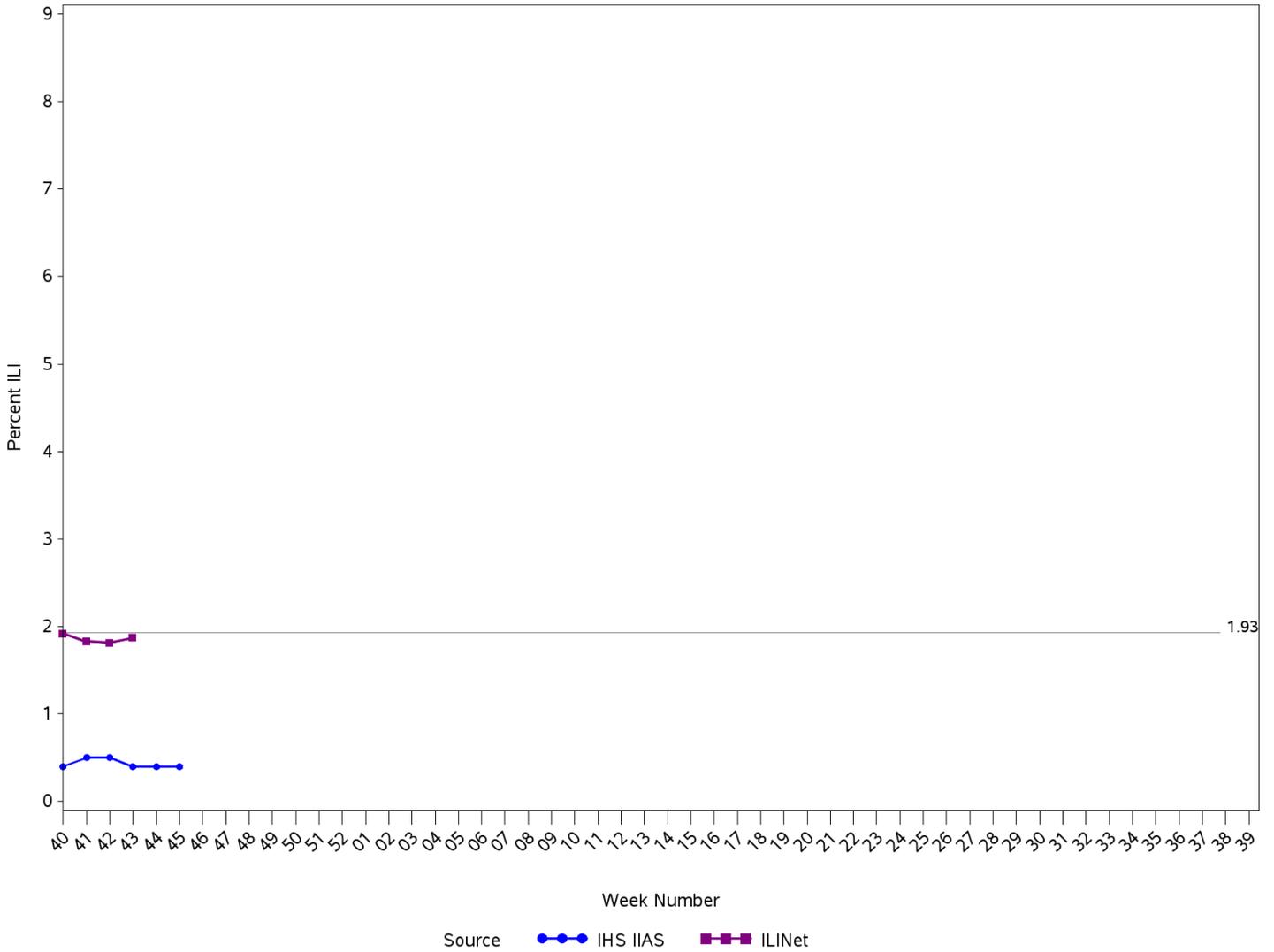
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

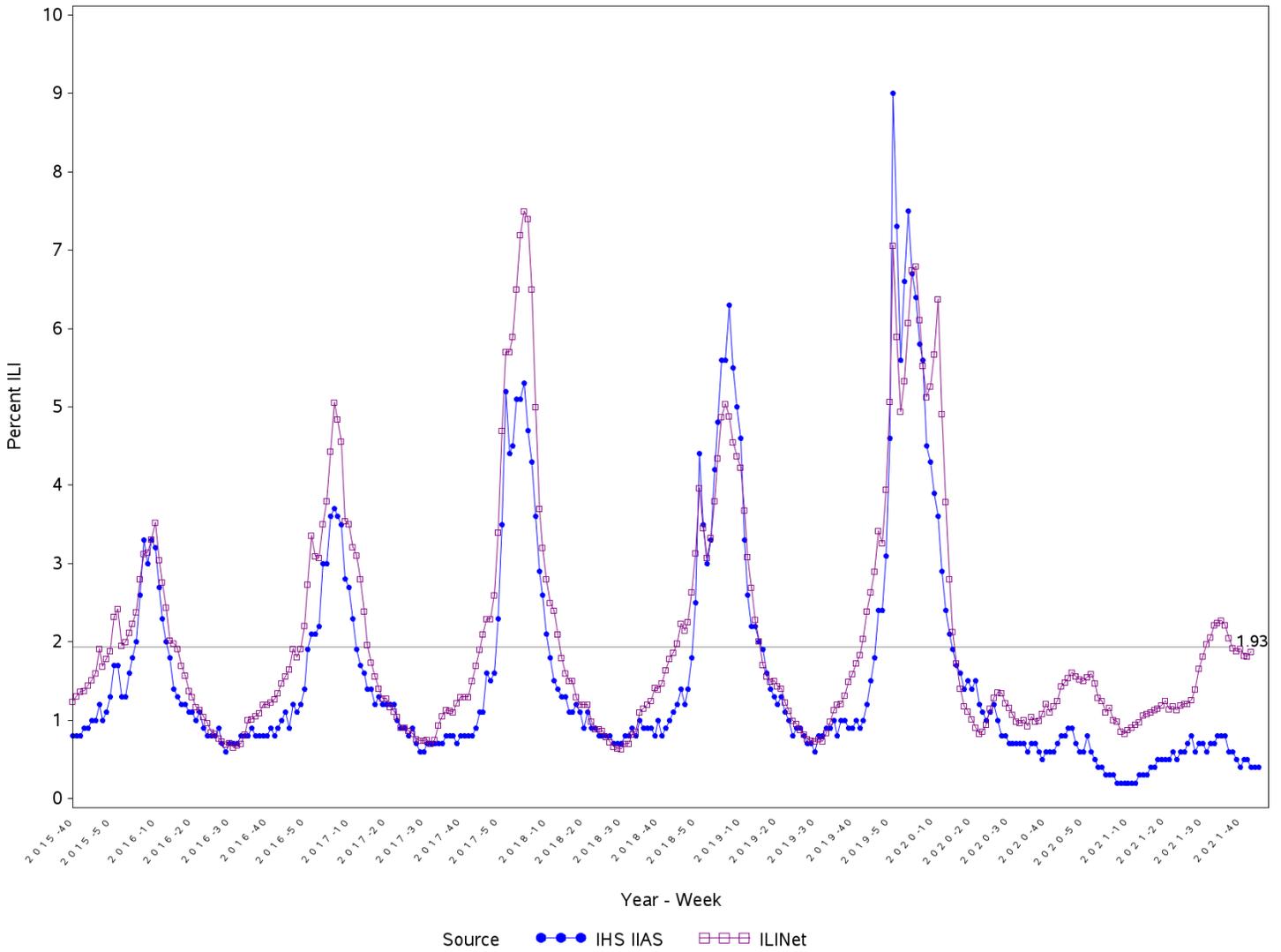
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

**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)**  
**10/31/21 through 11/13/21 (Week 45)**



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

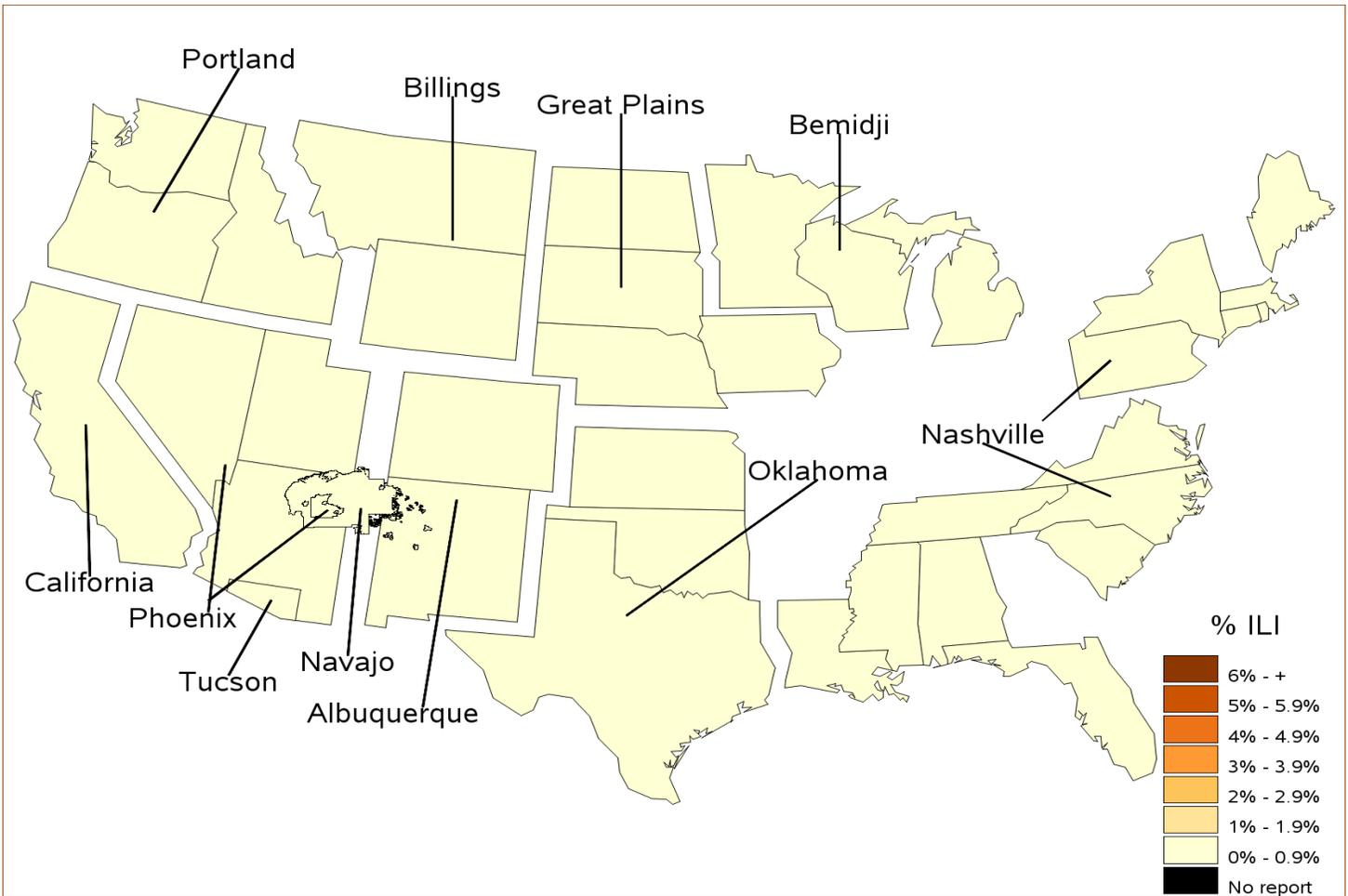
**IHS Influenza-like Illness Awareness System vs. CDC ILINet  
Influenza-Like Illness (ILI) for six year window from latest full week  
Percentage of Visits for ILI per week  
10/31/21 through 11/13/21 (Week 45)**



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 11/13/21 (Week 45)**



**Percent ILI Visits\*  
Current week compared to previous week  
For Week Ending 11/13/21 (Week 45)**

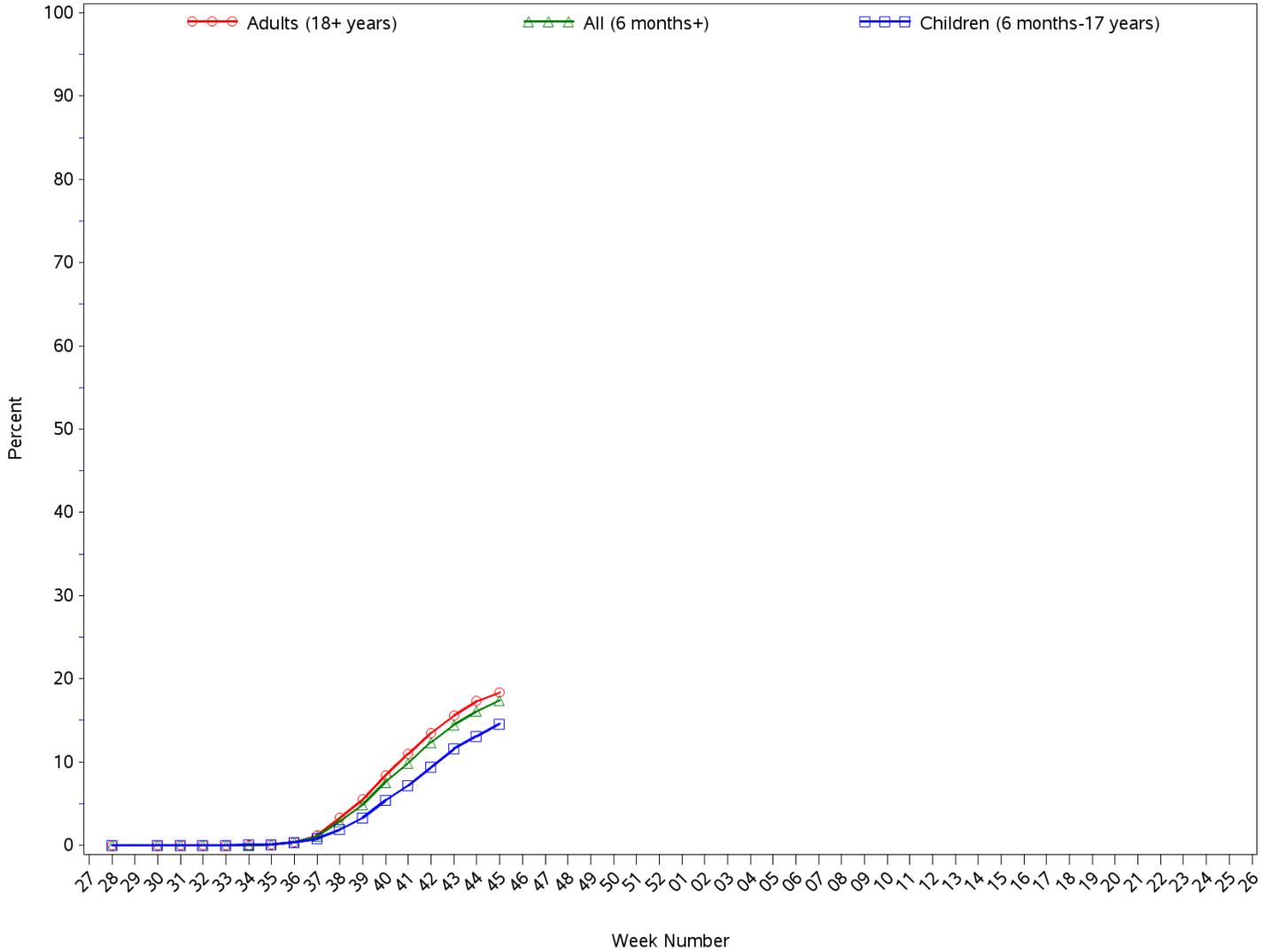
IHS Areas	Previous Week (44)	Current Week (45)
NATIONAL	0.4	0.4
ALBUQUERQUE	0.1	0.2
BEMIDJI	0.5	0.6
BILLINGS	0.5	0.4
CALIFORNIA	0.1	0.1
GREAT PLAINS	0.9	0.8
NASHVILLE	0.7	0.7
NAVAJO	0.2	0.2
OKLAHOMA	0.4	0.4
PHOENIX	0.4	0.5
PORTLAND	0.0	0.0
TUCSON	0.5	0.6

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

# IHS Influenza Vaccination Surveillance

As of 11/13/2021, sites reporting to the IIAS have administered 115,549 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 11/13/21 (Week 45)**



**All Reporting IHS Areas**  
**Seasonal Influenza Vaccine Coverage by Age Group\***  
**Active Clinical Population\*\***  
**07/04/21 through 11/13/21 (Week 45)**

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	7	0.3	0	0.0	7
6 - 23 months	12,345	2,182	17.7	117	0.9	2,303
2 - 4 years	32,927	3,438	10.4	10	0.0	3,459
5 - 17 years	134,099	20,644	15.4	35	0.0	20,749
18 - 49 years	272,129	40,223	14.8	99	0.0	40,481
50 - 64 years	120,832	32,129	26.6	94	0.1	32,400
65 + years	86,671	15,851	18.3	62	0.1	16,157
Children (6 months-17 years)	179,371	26,264	14.6	162	0.1	26,511
Adults (18+ years)	479,632	88,203	18.4	255	0.1	89,038
All (6 months+)	659,003	114,467	17.4	417	0.1	115,549

\* 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 11/13/21 (Week 45)**

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	64	164	29	6,310	4,282	130	10	11	5	16	0	0	0	0	41	11,062
BEM	25	49	19	3,141	84	1	0	14	8	1	0	0	0	0	17	3,359
BIL	89	48	63	4,722	1,425	14	0	6	70	6	0	0	0	0	30	6,473
CAO	633	103	3	1,361	321	14	3	250	85	100	0	0	0	0	22	2,895
GPA	558	90	9	5,175	576	961	0	13	0	2	0	0	0	0	14	7,398
NSA	271	116	19	3,727	2,696	7	1	9	3	3	0	0	0	0	61	6,913
NAV	67	143	0	30,394	3,072	129	1	10	6	162	0	0	0	0	113	34,097
OKC	838	725	220	19,407	3,313	243	10	49	77	12	0	0	0	0	61	24,955
PHX	184	169	1	9,356	4,712	66	2	8	3	7	0	0	0	0	40	14,548
POR	82	33	25	365	1,018	10	0	152	1	0	0	0	0	0	8	1,694
TUC	11	4	0	3,068	27	12	0	3	0	0	0	0	0	0	3	3,128
	<b>2,822</b>	<b>1,644</b>	<b>388</b>	<b>87,026</b>	<b>21,526</b>	<b>1,587</b>	<b>27</b>	<b>525</b>	<b>258</b>	<b>309</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>410</b>	<b>116,522</b>

Patient Counts Not Deduplicated

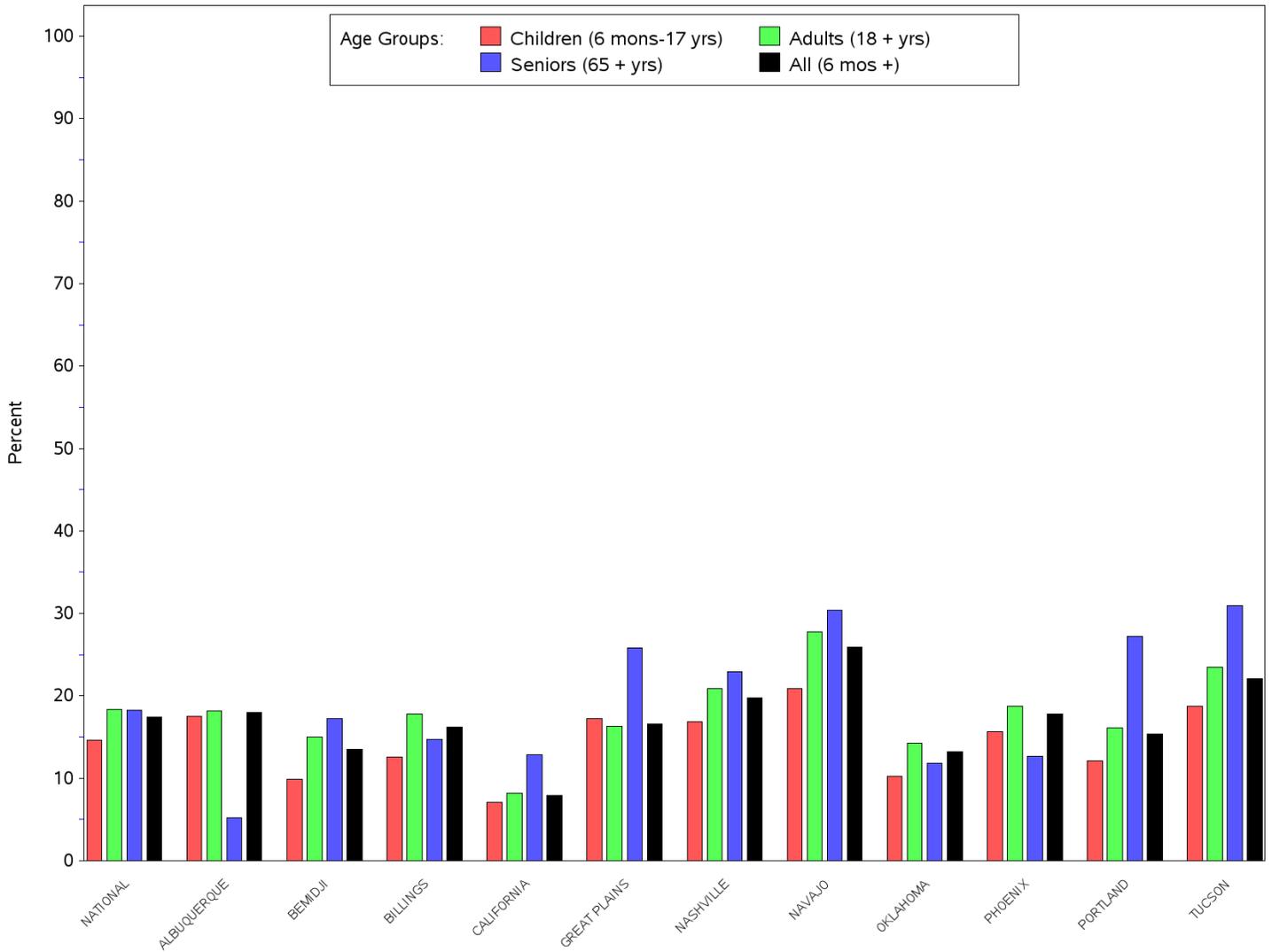
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 11/13/21 (Week 45)**



**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 11/13/21 (Week 45)**

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	14.6	18.4	18.3	17.4
ALBUQUERQUE	17.5	18.2	5.2	18.0
BEMIDJI	9.9	15.0	17.2	13.5
BILLINGS	12.6	17.8	14.7	16.2
CALIFORNIA	7.1	8.2	12.9	7.9
GREAT PLAINS	17.2	16.3	25.8	16.6
NASHVILLE	16.9	20.9	22.9	19.8
NAVAJO	20.9	27.8	30.4	25.9
OKLAHOMA	10.3	14.3	11.8	13.2
PHOENIX	15.7	18.7	12.7	17.8
PORTLAND	12.1	16.1	27.2	15.4
TUCSON	18.7	23.5	30.9	22.1

**Number of RPMS Databases Reporting for Week Ending 11/13/21 (Week 45)**

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	105	176
ALBUQUERQUE	14	20
BEMIDJI	3	6
BILLINGS	10	22
CALIFORNIA	11	16
GREAT PLAINS	7	8
NASHVILLE	22	25
NAVAJO	6	16
OKLAHOMA	18	35
PHOENIX	7	16
PORTLAND	6	8
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