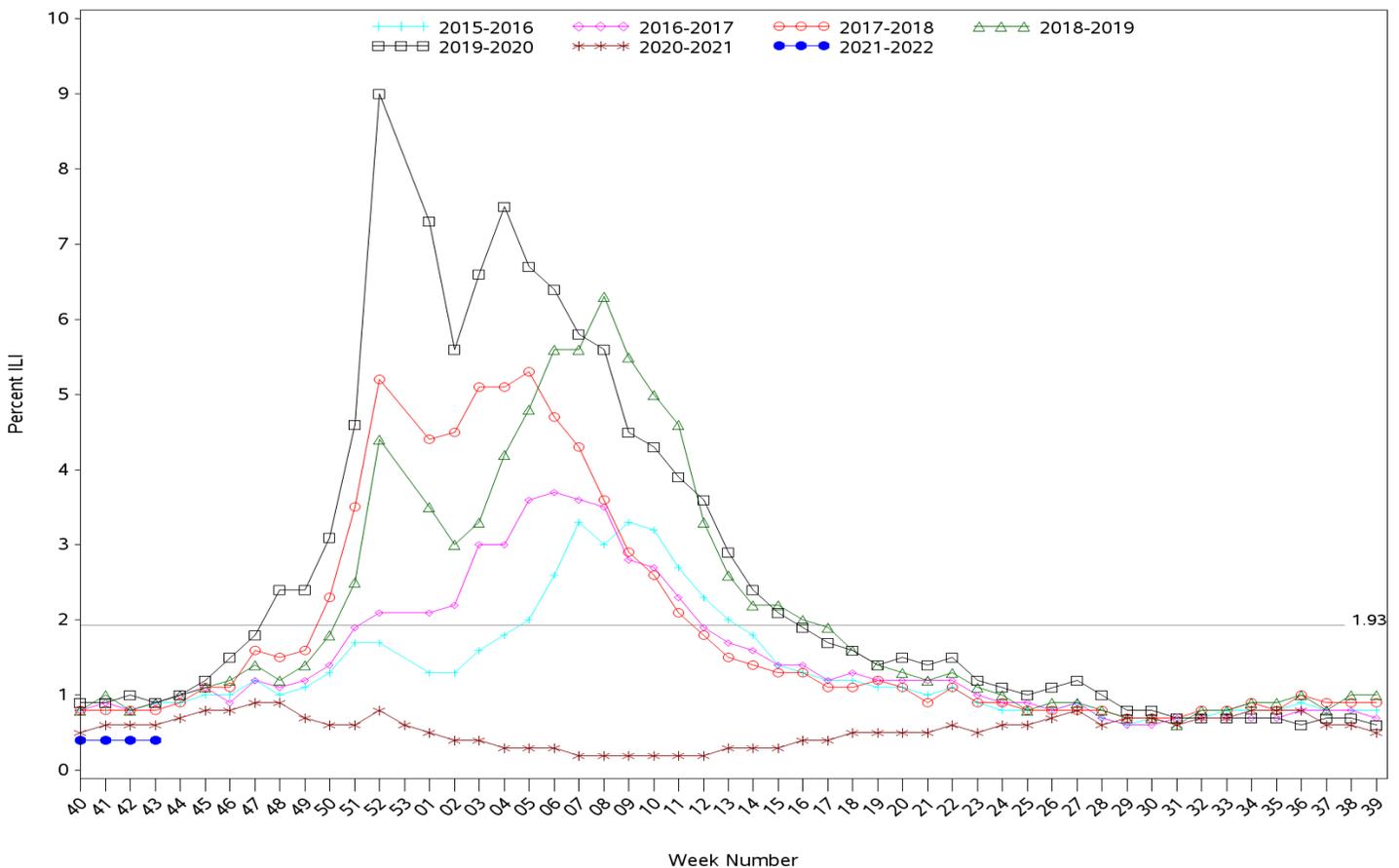




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 43: 10/24/2021 - 10/30/2021)

- 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 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 43 (1.87%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 93,595 doses of influenza vaccine.
- Overall, 14.1% 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.

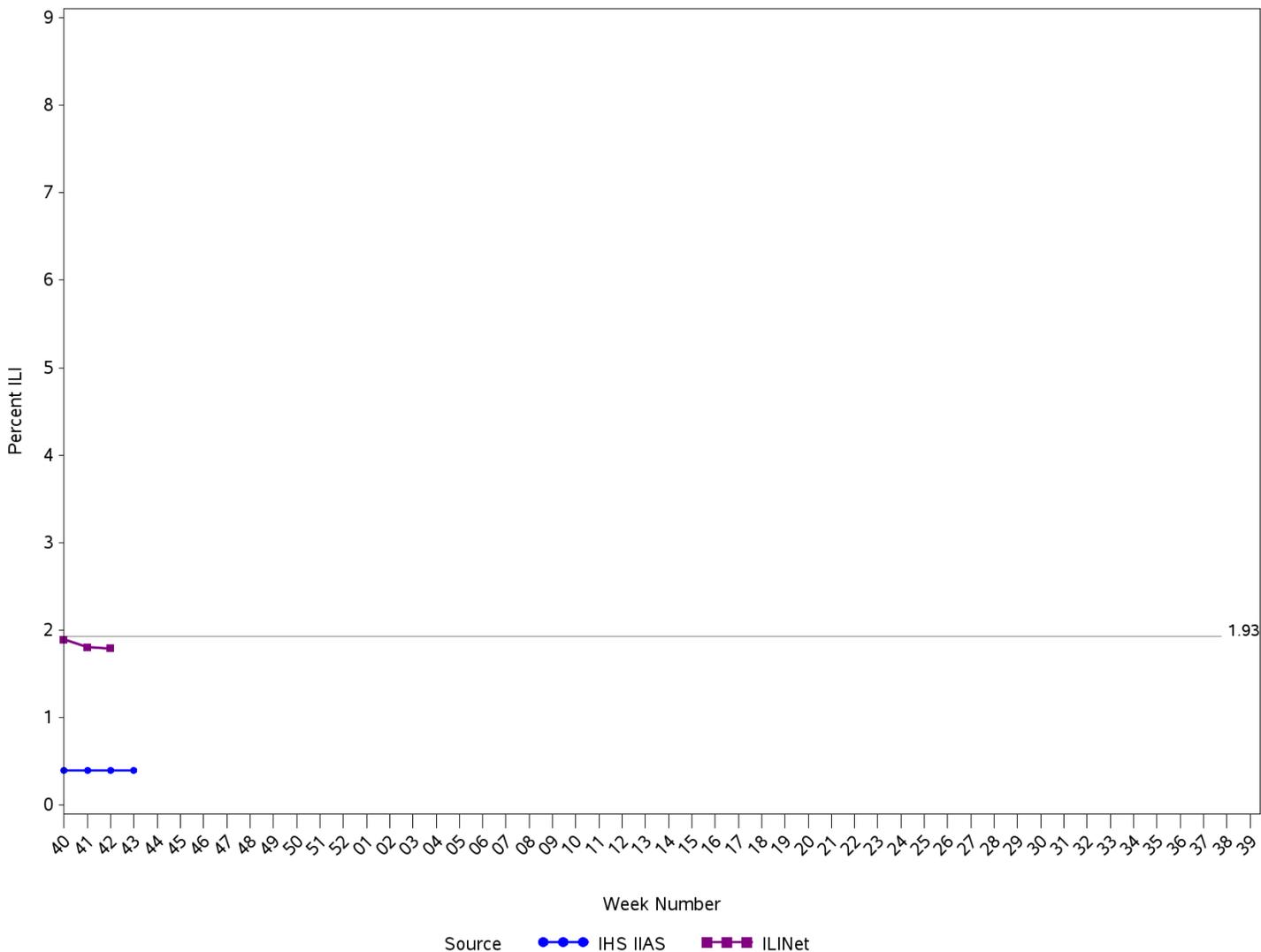
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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)
10/24/21 through 10/30/21 (Week 43)



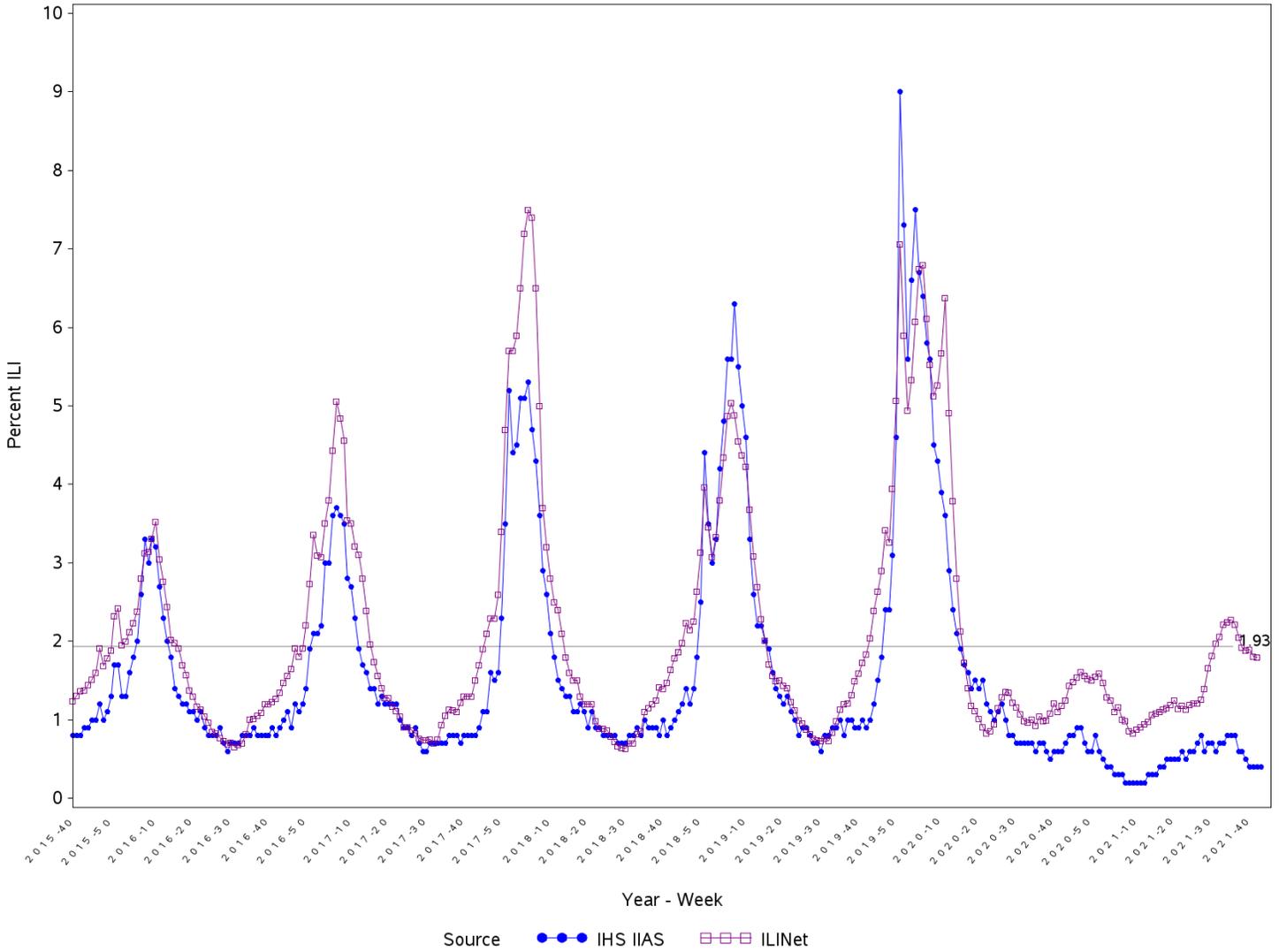
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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
10/24/21 through 10/30/21 (Week 43)**



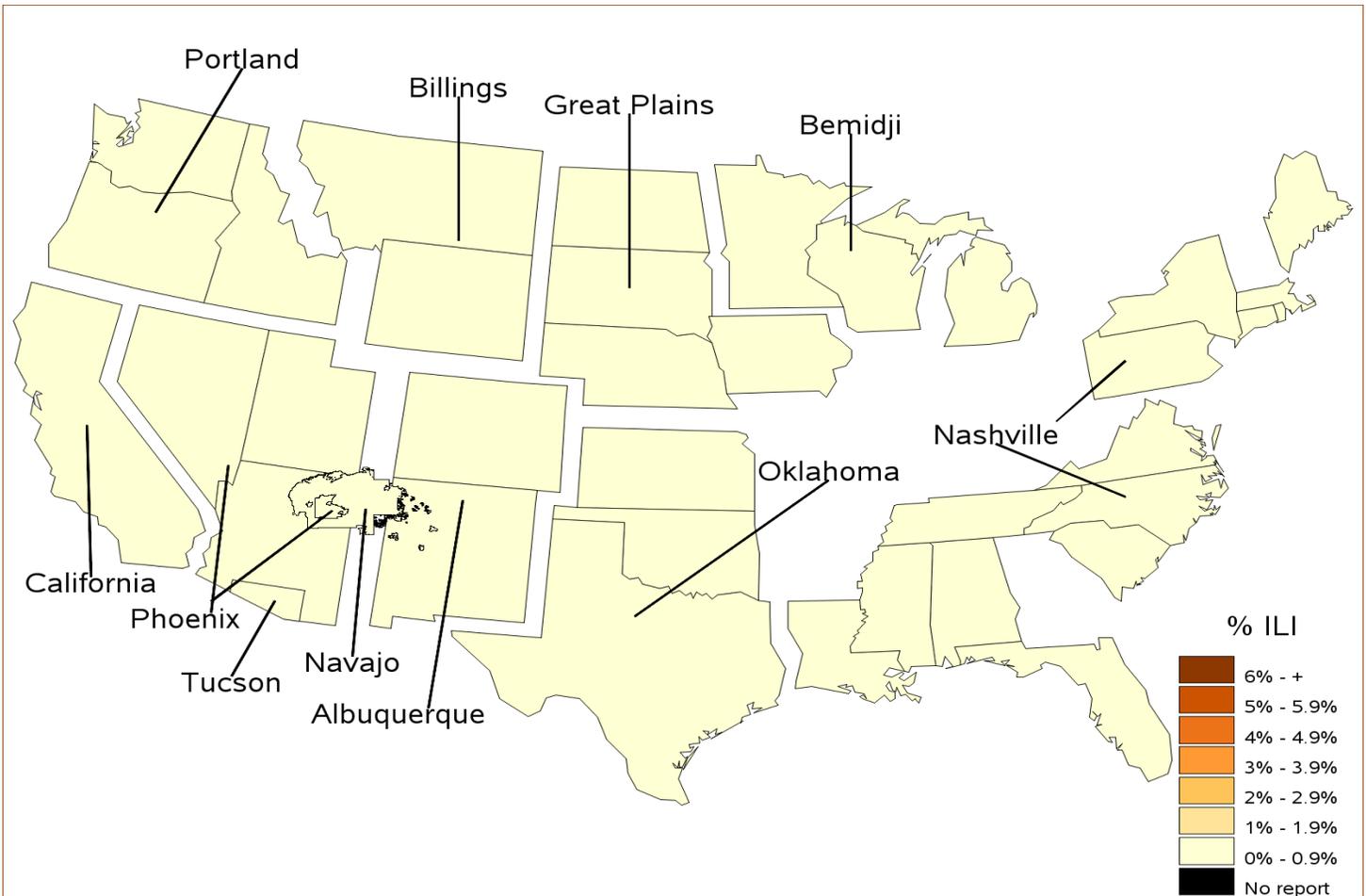
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 IIAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 10/30/21 (Week 43)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 10/30/21 (Week 43)**

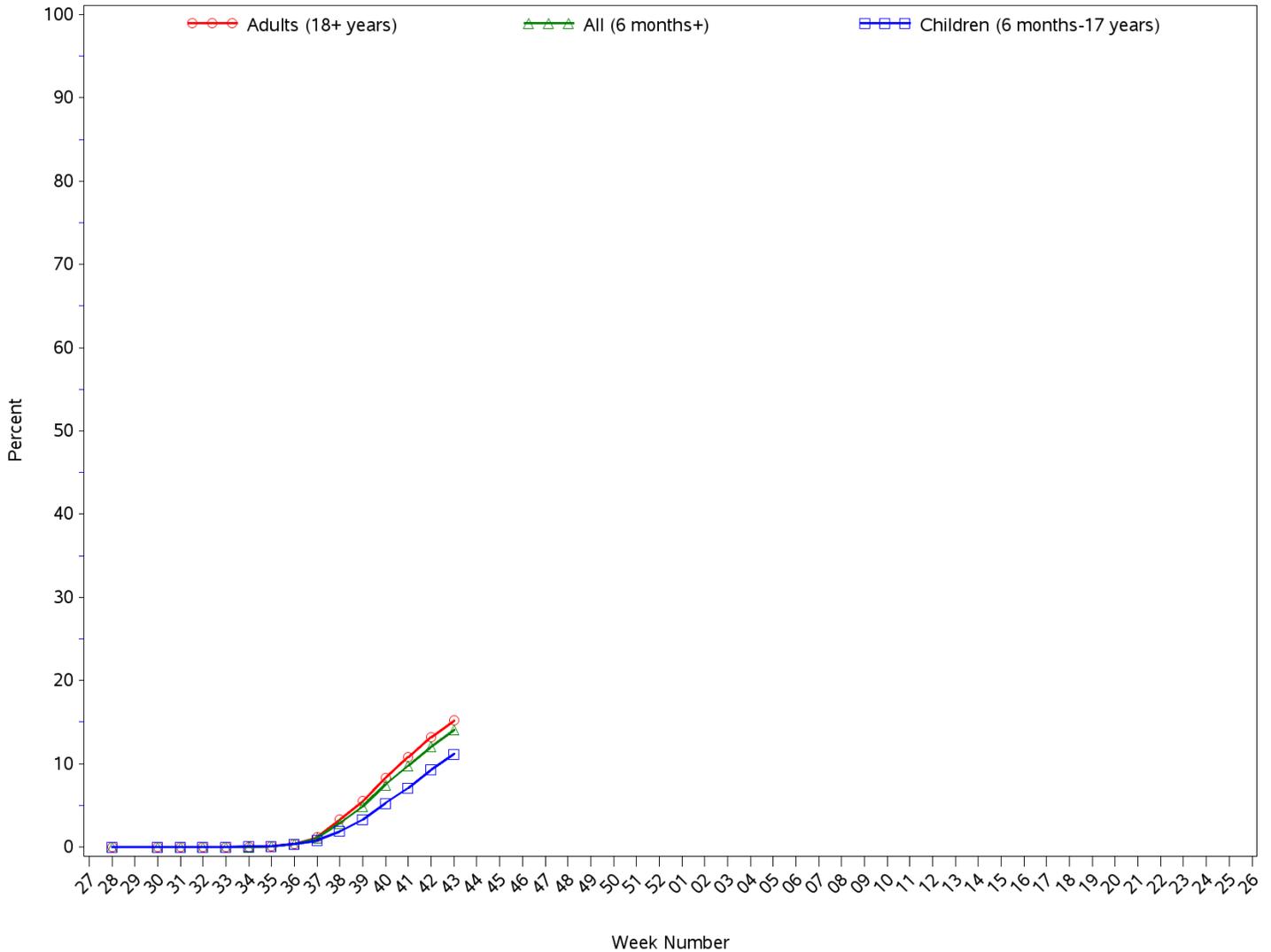
IHS Areas	Previous Week (42)	Current Week (43)
NATIONAL	0.4	0.4
ALBUQUERQUE	0.2	0.2
BEMIDJI	0.6	0.8
BILLINGS	0.4	0.3
CALIFORNIA	0.2	0.0
GREAT PLAINS	0.9	0.9
NASHVILLE	0.4	0.4
NAVAJO	0.4	0.3
OKLAHOMA	0.6	0.4
PHOENIX	0.3	0.4
PORTLAND	0.1	0.2
TUCSON	0.7	0.4

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

IHS Influenza Vaccination Surveillance

As of 10/30/2021, sites reporting to the IIAS have administered 93,595 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 10/30/21 (Week 43)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 10/30/21 (Week 43)**

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	6	0.2	0	0.0	6
6 - 23 months	12,344	1,688	13.7	48	0.4	1,738
2 - 4 years	32,928	2,720	8.3	4	0.0	2,732
5 - 17 years	134,099	15,692	11.7	18	0.0	15,754
18 - 49 years	272,130	32,624	12.0	70	0.0	32,807
50 - 64 years	120,832	26,618	22.0	63	0.1	26,807
65 + years	86,670	13,522	15.6	49	0.1	13,757
Children (6 months-17 years)	179,371	20,100	11.2	70	0.0	20,224
Adults (18+ years)	479,632	72,764	15.2	182	0.0	73,371
All (6 months+)	659,003	92,864	14.1	252	0.0	93,595

* 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 10/30/21 (Week 43)**

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	41	115	7	4,493	3,263	91	7	8	4	16	0	0	0	0	37	8,082
BEM	25	37	14	2,545	50	0	0	14	6	1	0	0	0	0	16	2,708
BIL	67	34	40	3,686	1,173	11	0	5	38	2	0	0	0	0	20	5,076
CAO	520	93	1	1,014	285	11	3	200	81	96	0	0	0	0	13	2,317
GPA	474	61	9	4,252	422	772	0	11	0	2	0	0	0	0	11	6,014
NSA	230	98	17	3,056	2,330	3	1	6	1	2	0	0	0	0	49	5,793
NAV	53	119	0	25,526	2,854	137	1	8	5	114	0	0	0	0	71	28,888
OKC	655	476	172	16,349	2,652	204	7	37	62	8	0	0	0	0	61	20,683
PHX	161	98	0	7,145	3,448	58	2	6	3	7	0	0	0	0	29	10,957
POR	68	20	21	283	745	5	0	114	0	0	0	0	0	0	7	1,263
TUC	11	4	0	2,443	23	8	0	3	0	0	0	0	0	0	1	2,493
	2,305	1,155	281	70,792	17,245	1,300	21	412	200	248	0	0	0	0	315	94,274

Patient Counts Not Deduplicated

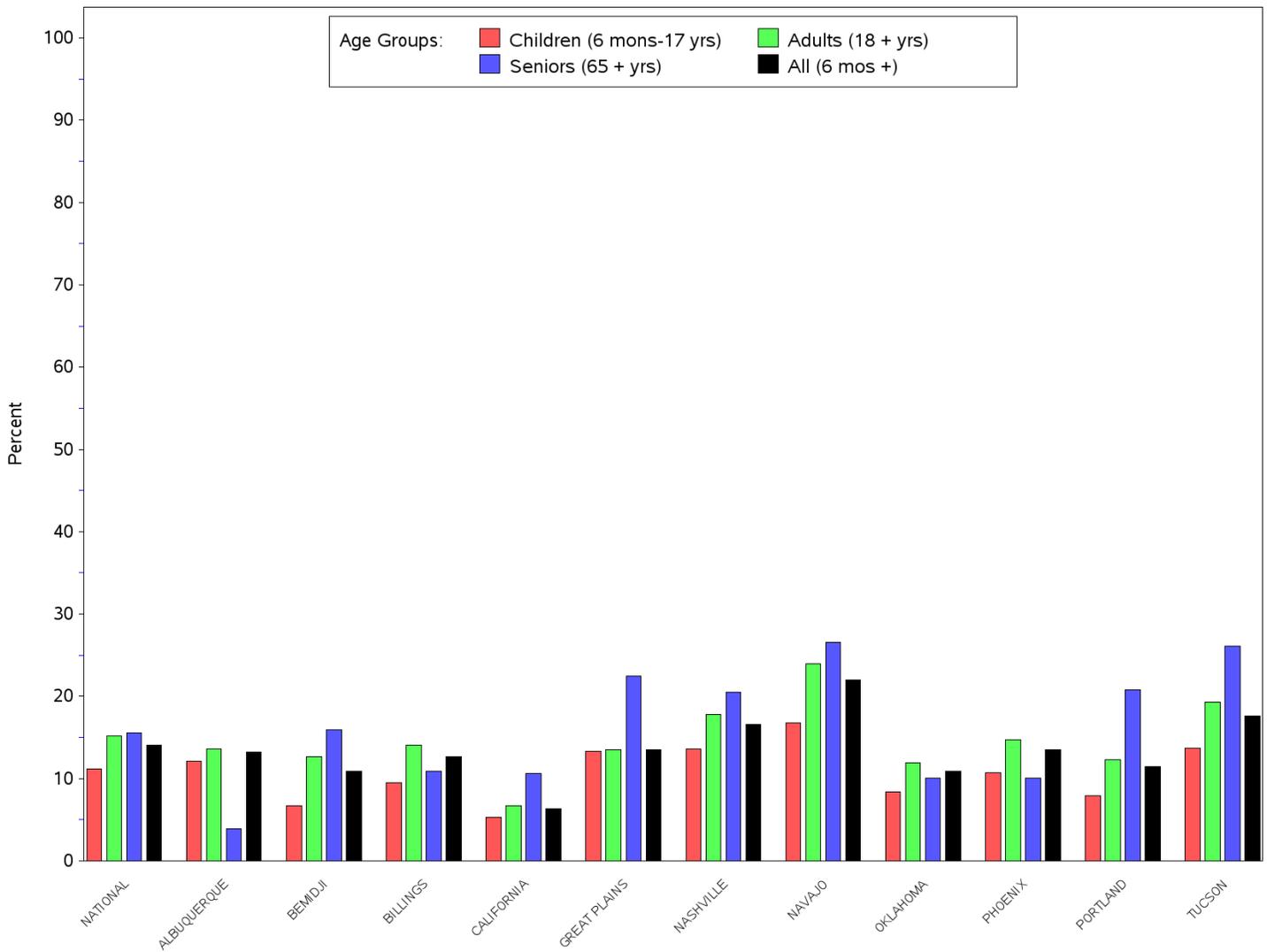
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 10/30/21 (Week 43)



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 10/30/21 (Week 43)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	11.2	15.2	15.6	14.1
ALBUQUERQUE	12.1	13.6	3.9	13.2
BEMIDJI	6.7	12.7	15.9	10.9
BILLINGS	9.5	14.1	10.9	12.7
CALIFORNIA	5.3	6.7	10.6	6.3
GREAT PLAINS	13.3	13.5	22.5	13.5
NASHVILLE	13.6	17.8	20.5	16.6
NAVAJO	16.8	24.0	26.6	22.0
OKLAHOMA	8.4	11.9	10.1	10.9
PHOENIX	10.7	14.7	10.1	13.5
PORTLAND	7.9	12.3	20.8	11.5
TUCSON	13.7	19.3	26.1	17.6

Number of RPMS Databases Reporting for Week Ending 10/30/21 (Week 43)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	106	185
ALBUQUERQUE	14	20
BEMIDJI	3	5
BILLINGS	10	21
CALIFORNIA	11	17
GREAT PLAINS	8	11
NASHVILLE	21	25
NAVAJO	6	20
OKLAHOMA	18	38
PHOENIX	7	16
PORTLAND	7	9
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