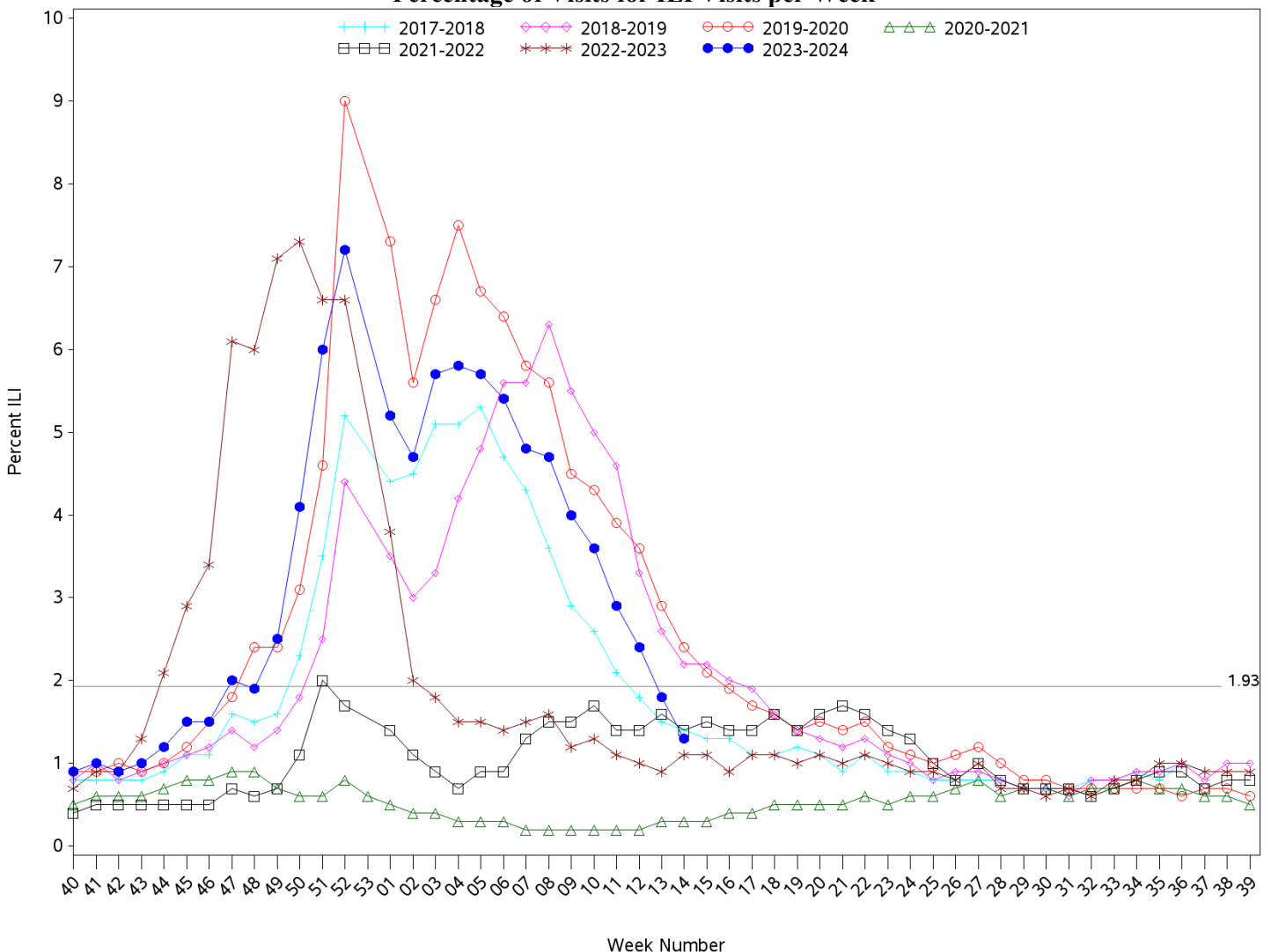




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 14: 3/31/2024 – 4/6/2024)

- IHS national Influenza-like illness (ILI) activity is low at 1.3%, above the IHS baseline of 1.93%
 - Eight of eleven IHS Areas reported a decrease in ILI activity from the previous week.
 - This week’s IHS ILI activity is below the CDC’s ILINet ILI activity for Week 14 (2.8%) and equivalent to the ILINet baseline (2.9%).
- To date, IHS has administered 214,859 doses of influenza vaccine.
- Overall, 32.2% 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 2023-2024 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined

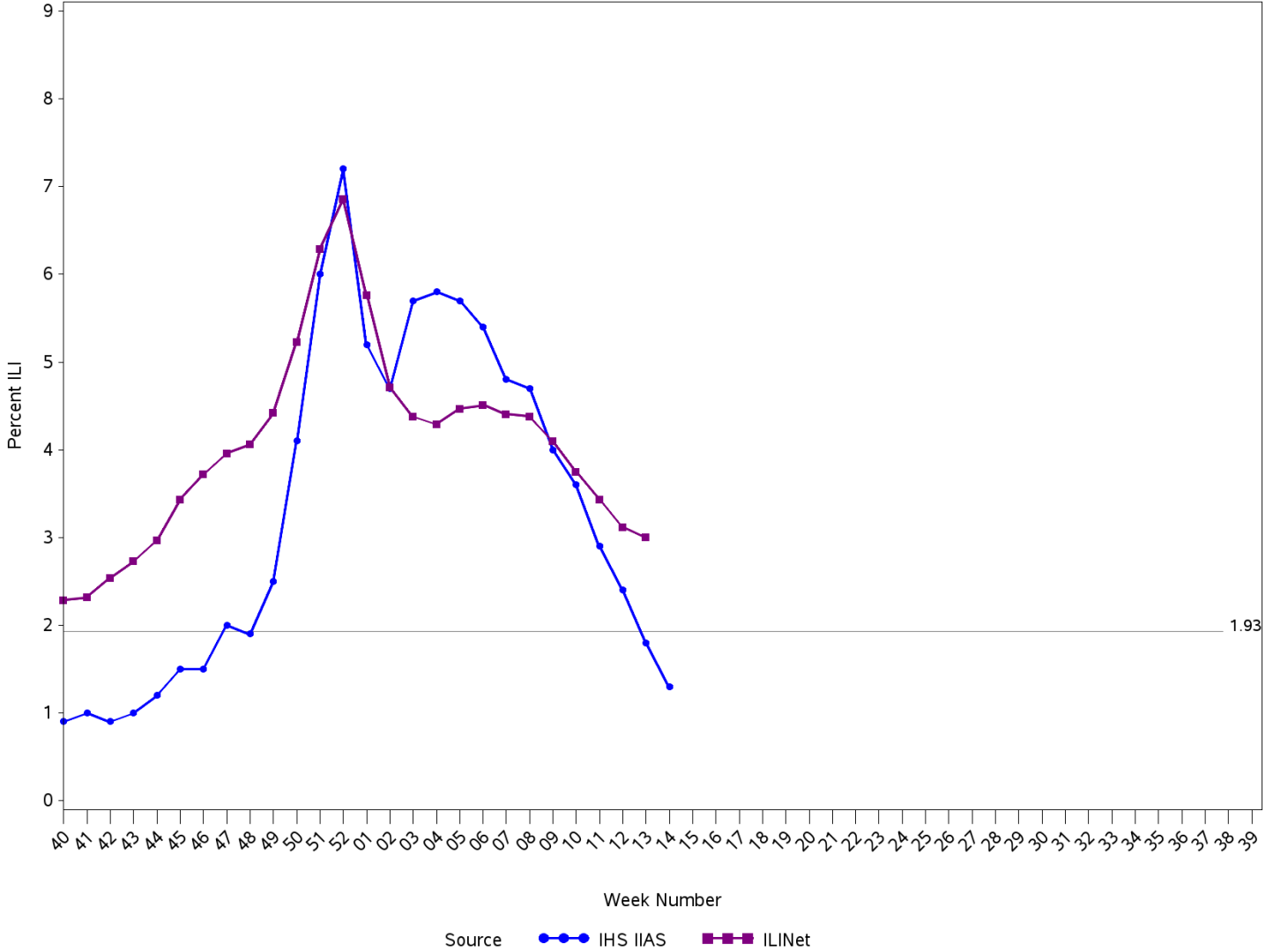
by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2023-2024 IAS baseline. The ILINet baseline value for 2023-2024 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, IAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2023 - 2024
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/01/23 through 4/06/24 (Week 14)



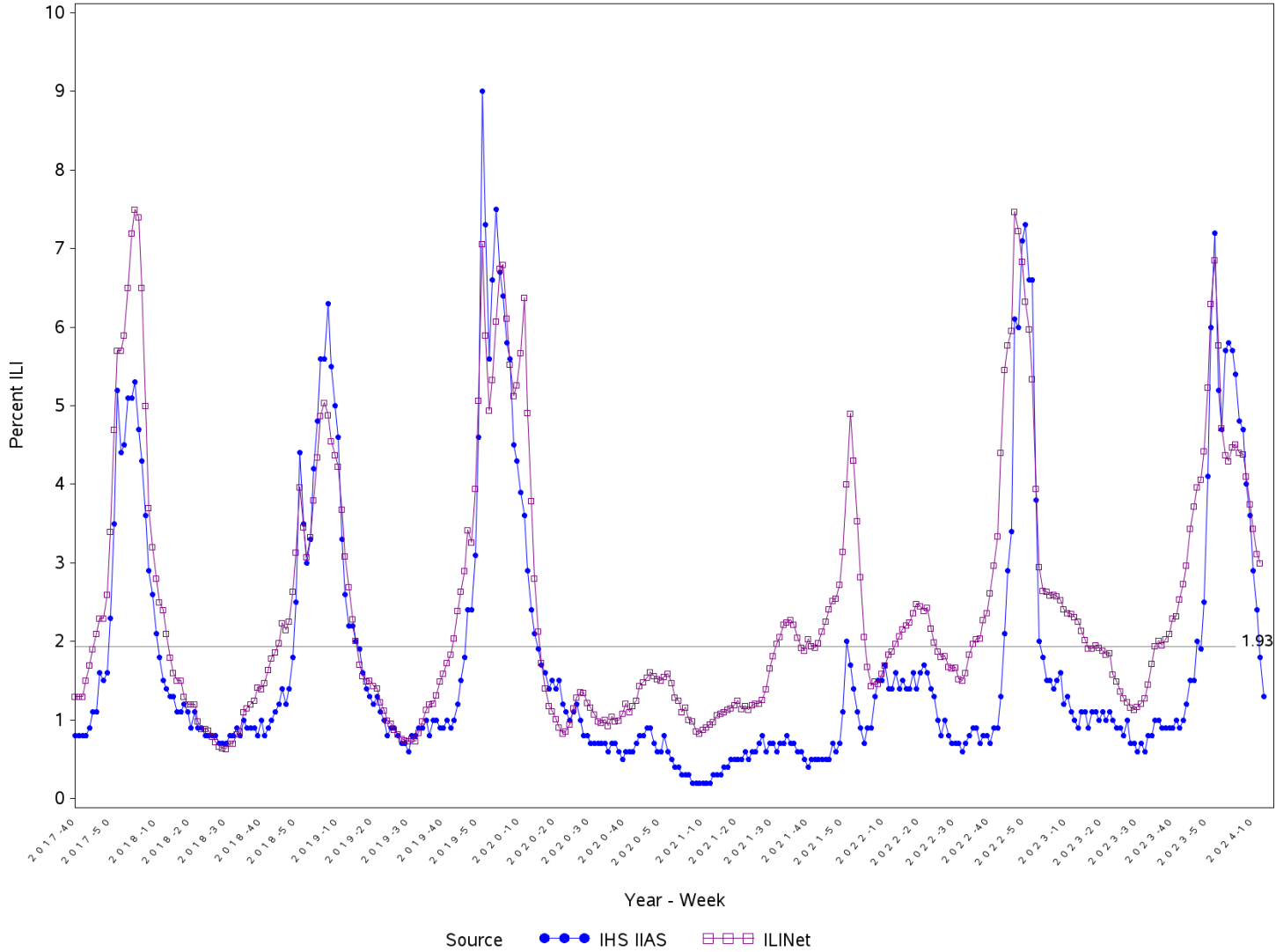
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2023-2024 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2023-2024 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**



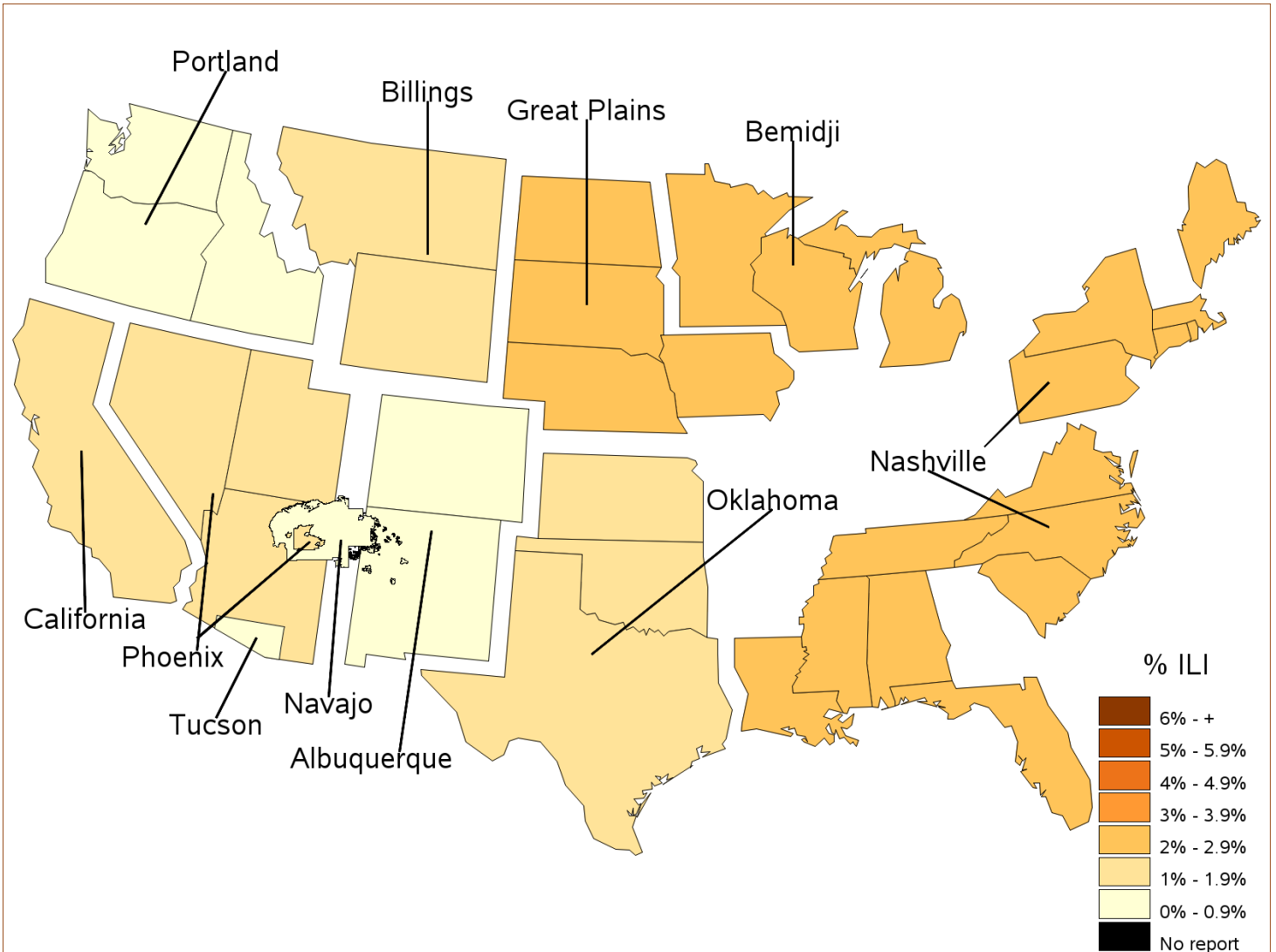
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2023-2024 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2023-2024 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 IAS - Influenza-like Illness Awareness System

Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 4/06/24 (Week 14)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 4/06/24 (Week 14)

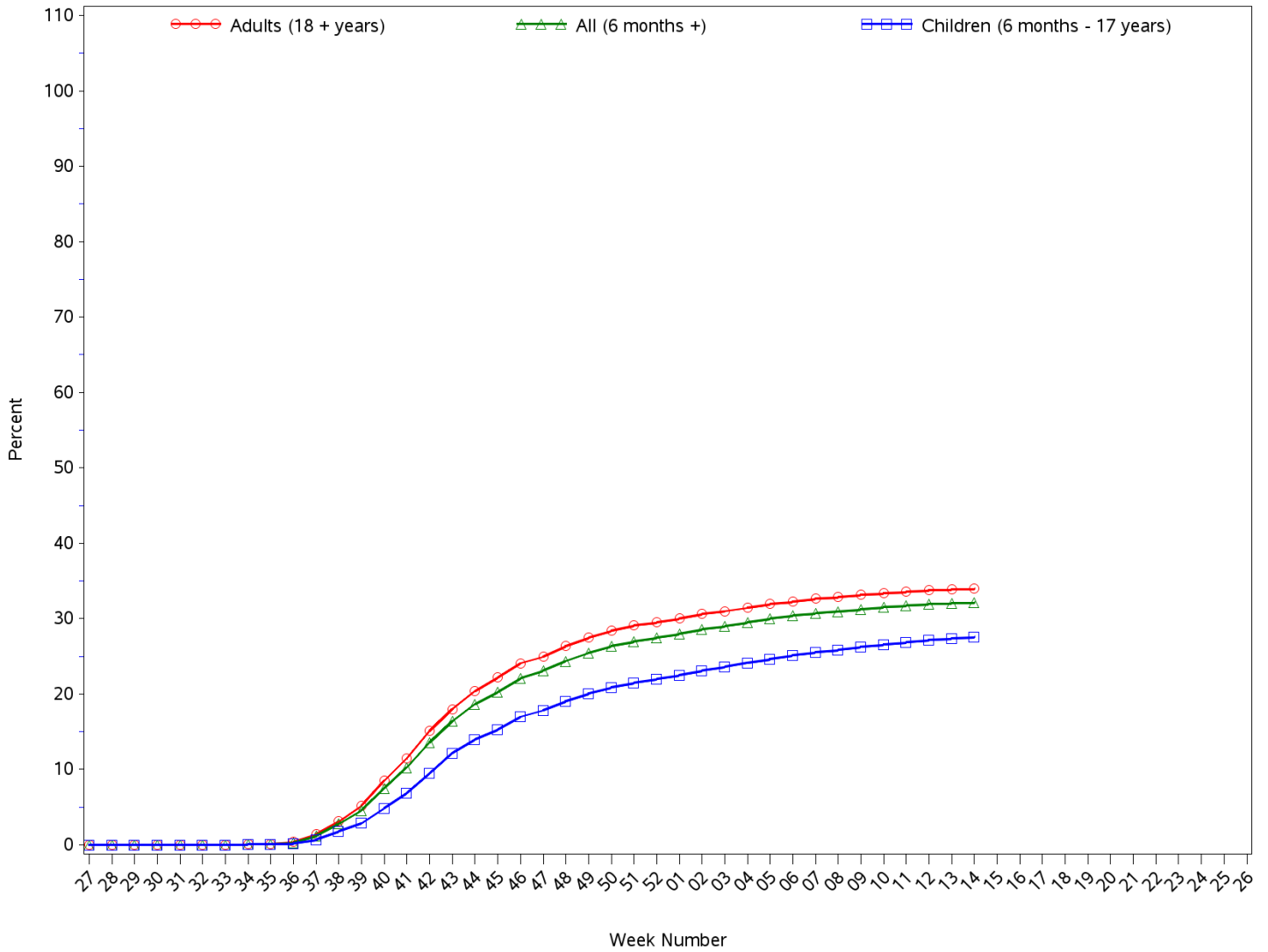
Area	Previous Week (13)	Current Week (14)
NATIONAL	1.8	1.3
ALBUQUERQUE	1.1	0.7
BEMIDJI	5.7	2.1
BILLINGS	1.8	1.1
CALIFORNIA	0.9	1.4
GREAT PLAINS	3.9	2.5
NASHVILLE	2.5	2.3
NAVAJO	1.9	0.9
OKLAHOMA	1.3	1.0
PHOENIX	1.0	1.2
PORTLAND	0.8	0.9
TUCSON	1.2	0.5

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

IHS Influenza Vaccination Surveillance

As of 4/06/2024, sites reporting to the IIAS have administered 214,859 (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
07/02/23 through 4/06/24 (Week 14)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 4/06/24 (Week 14)

Age Group	Active Clinical Population*	Seasonal Flu Vaccine (Atleast One Dose)***	% Seasonal Flu (Atleast One Dose)	Seasonal Flu Vaccine (Two Doses)	% Seasonal Flu (Two Doses)	Total # Doses Administered****
0 - 5 months	2,391	43	1.8	1	0.0	45
6 - 23 months	11,963	5,260	44.0	1,798	15.0	7,290
2 - 4 years	31,846	6,877	21.6	251	0.8	7,333
5 - 17 years	131,667	36,207	27.5	195	0.1	37,249
18 - 49 years	267,026	63,904	23.9	311	0.1	66,146
50 - 64 years	116,788	47,783	40.9	239	0.2	49,082
65 + years	82,087	46,711	56.9	272	0.3	47,759
Children (6 months - 17 years)	175,476	48,344	27.6	2,244	1.3	51,872
Adults (18 + years)	465,901	158,398	34.0	822	0.2	162,987
All (6 months +)	641,377	206,742	32.2	3,066	0.5	214,859

* 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
07/02/23 through 4/06/24 (Week 14)**

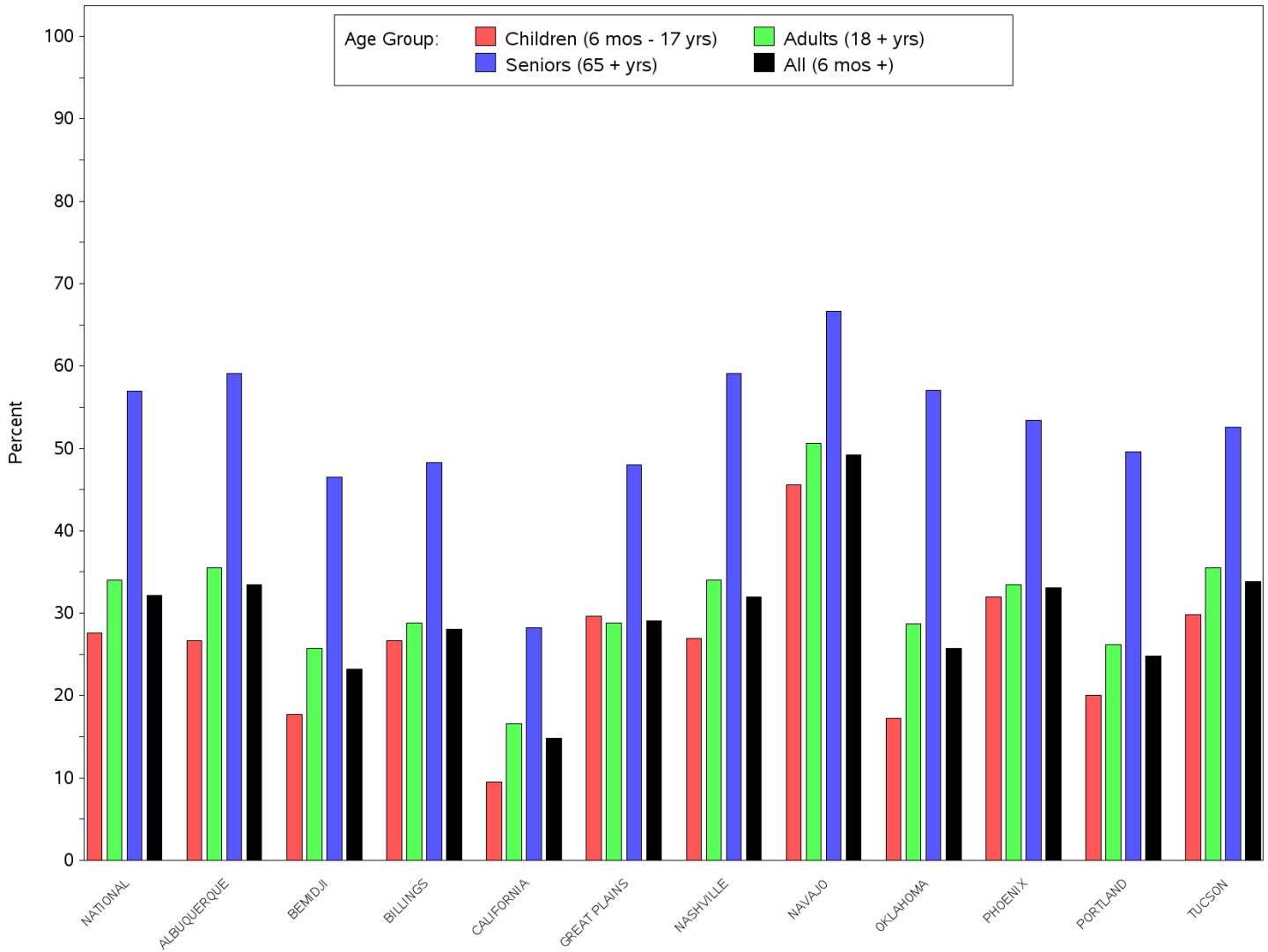
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	65	49	18	12,823	1	1,333	0	19	1	185	22	40	4,517	19	61	241	19,394
BEM	18	3	47	3,310	0	235	0	0	0	183	1	4	1,069	5	17	215	5,107
BIL	260	3	99	8,583	0	2,007	0	3	0	58	5	3	1,644	16	96	236	13,013
CAO	68	2	5	819	0	207	0	0	3	318	0	98	203	15	17	71	1,826
GPA	451	5	94	9,270	0	3,277	0	11	0	114	1	77	1,644	34	87	494	15,559
NSA	118	18	6	8,232	0	192	0	1	0	186	4	6	1,896	127	122	320	11,228
NAV	47	19	12	45,211	0	1,819	0	21	0	204	15	71	12,761	49	61	320	60,610
OKC	374	64	415	34,452	0	1,990	0	11	0	411	27	125	11,438	87	95	1,809	51,298
PHX	47	20	0	16,231	0	5,879	0	6	0	729	10	7	3,682	11	113	338	27,073
POR	24	2	54	3,352	1	392	0	0	0	1,116	7	1	1,570	10	10	97	6,636
TUC	4	0	1	4,212	0	23	0	2	0	12	1	5	572	0	14	14	4,860
Total	1,476	185	751	146,495	2	17,354	0	74	4	3,516	93	437	40,996	373	693	4,155	216,604

Patient Counts Not Deduplicated

* Inactive CVX Codes- the following CVX codes should not be used to document flu vaccines administered during flu season 2023-2024:
15(FLU-TIVhx), 16(FLU-WHOLE), 88(FLU-NOS), 111(FLU-LAIV3), 123(FLU-H5N1), 140(FLU-IIV3pf), 144(FLU-DERMAL), 151(FLU-NasNOS), 153(FLU-ccIIV3), 166(FLU-DERM4).

+ CPT Flu codes include: 90653, 90657, 90658, 90662, 90672, 90673, 90674, 90682, 90685, 90686, 90687, 90688, 90694, 90756.

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
07/02/23 through 4/06/24 (Week 14)



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
07/02/23 through 4/06/24 (Week 14)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	27.6	34.0	56.9	32.2
ALBUQUERQUE	26.7	35.5	59.1	33.5
BEMIDJI	17.7	25.7	46.5	23.2
BILLINGS	26.7	28.8	48.3	28.1
CALIFORNIA	9.5	16.6	28.2	14.8
GREAT PLAINS	29.6	28.8	48.0	29.1
NASHVILLE	26.9	34.0	59.1	32.0
NAVAJO	45.6	50.6	66.6	49.2
OKLAHOMA	17.2	28.7	57.0	25.7
PHOENIX	32.0	33.5	53.4	33.1
PORTLAND	20.0	26.2	49.6	24.8
TUCSON	29.8	35.5	52.6	33.8

Number of RPMS Databases Reporting For Week Ending 4/06/24 (Week 14)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	100	165
ALBUQUERQUE	13	19
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	7	10
GREAT PLAINS	10	15
NASHVILLE	21	27
NAVAJO	4	10
OKLAHOMA	18	33
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

All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Clinical Setting
07/02/23 through 4/06/24 (Week 14)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	193,960	196,839
Chart Review	950	965
Daily Hospitalization Data	0	0
Event (Historical)	15,714	15,944
Hospitalization	666	677
In Hospital	52	87
Telemedicine	101	102
Not Found	40	41
Observation	162	162
Nursing Home	43	43
Day Surgery	3	3
Telecommunications	37	41
Ancillary Package Daily Data	0	0
Total	211,728	214,904

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	41	41
	Outside IHS System	3	4
6 - 23 months	Within IHS System	4,888	6,654
	Outside IHS System	545	636
2 - 4 years	Within IHS System	6,641	6,896
	Outside IHS System	430	437
5 - 17 years	Within IHS System	35,545	35,733
	Outside IHS System	1,475	1,487
18 - 49 years	Within IHS System	60,008	60,302
	Outside IHS System	5,800	5,836
50 - 64 years	Within IHS System	44,585	44,790
	Outside IHS System	4,251	4,292
65 + years	Within IHS System	44,266	44,503
	Outside IHS System	3,210	3,252
Total		211,688	214,863