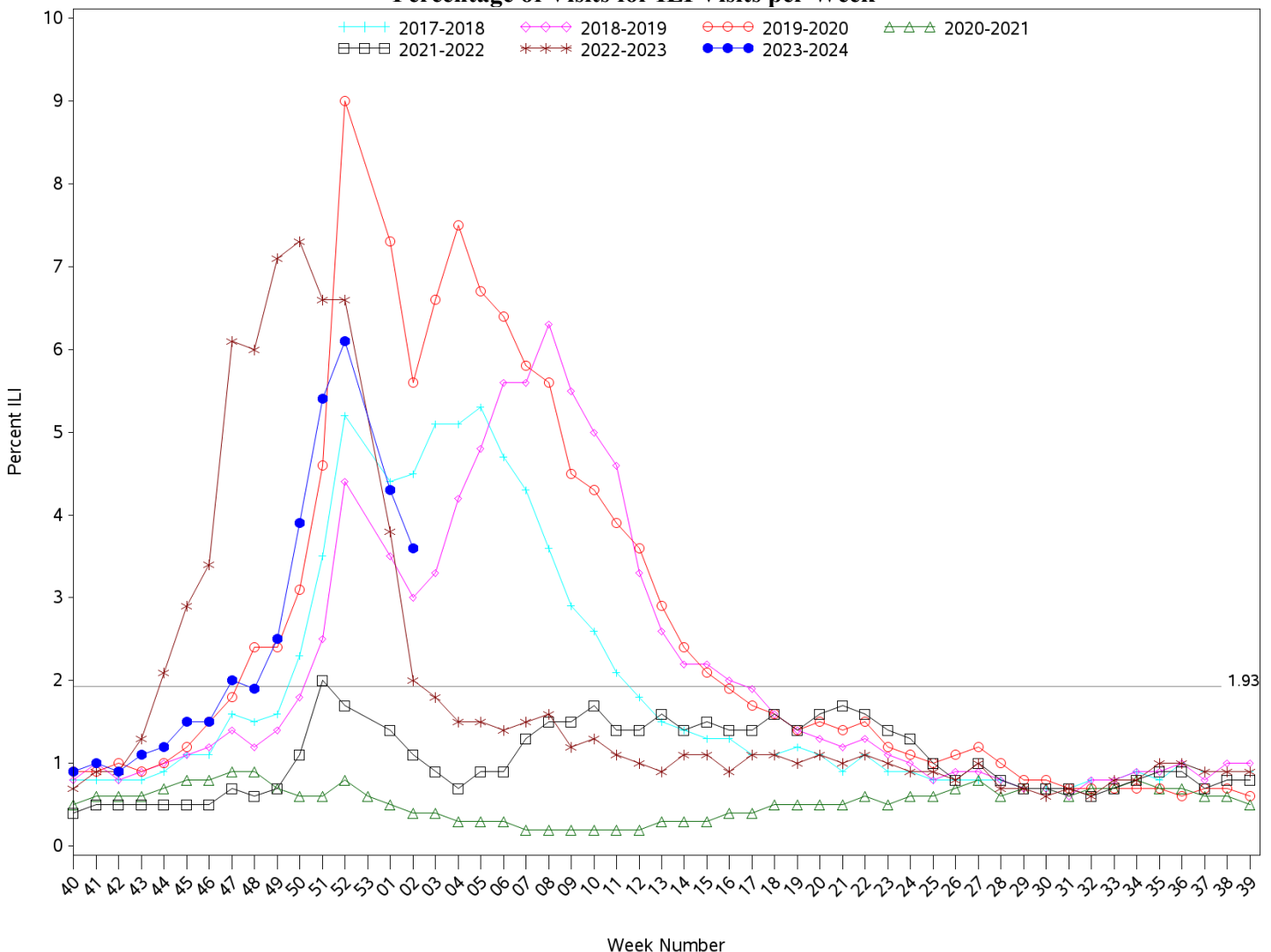




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 2: 1/07/2024 – 1/13/2024)

- IHS national Influenza-like illness (ILI) activity is high at 3.6%, above the IHS baseline of 1.93%
 - Seven 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 2 (4.7%) and above the ILINet baseline (2.9%).
- To date, IHS has administered 185,797 doses of influenza vaccine.
- Overall, 28.1% 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 2023-2024 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined

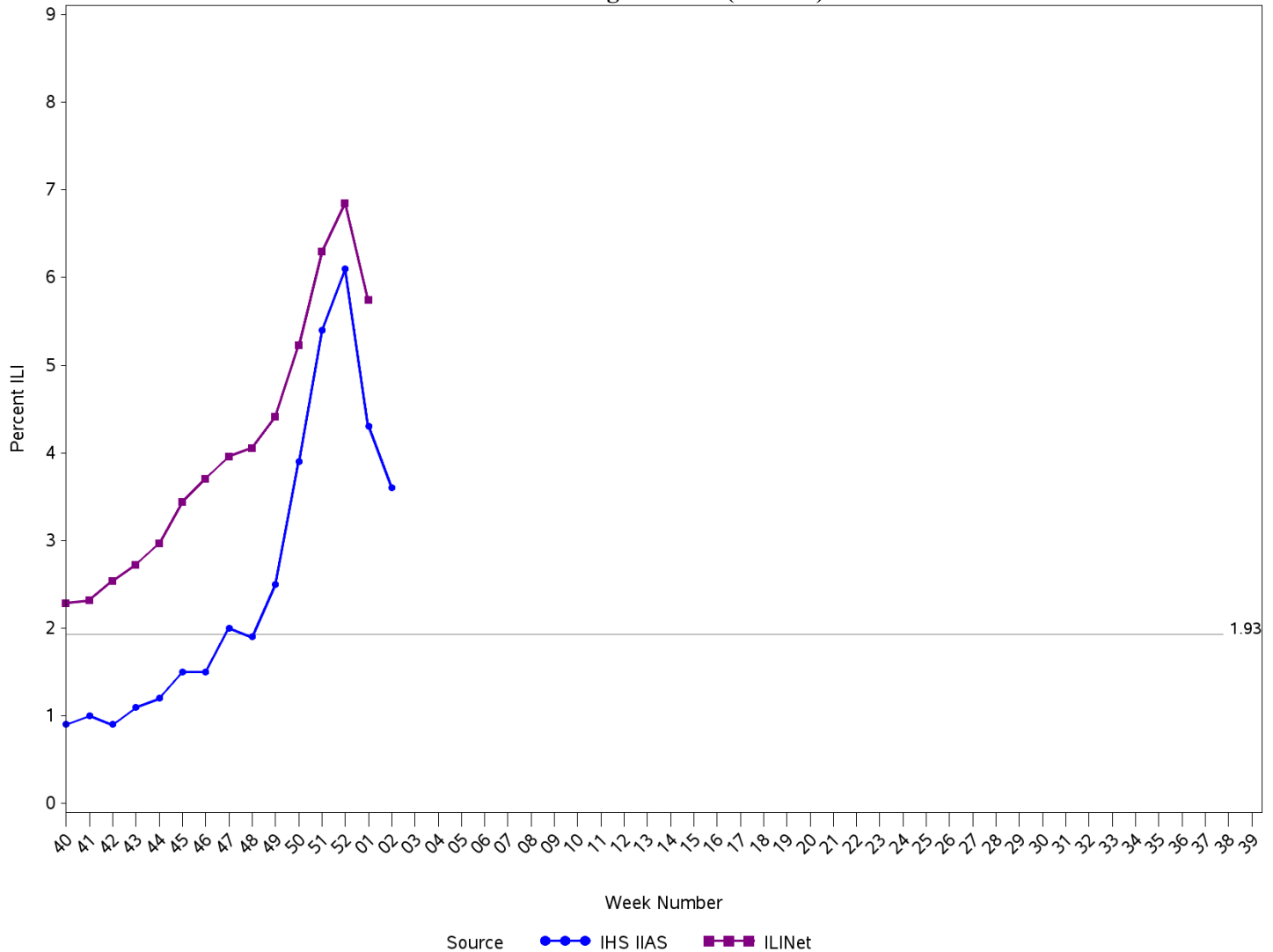
by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2023-2024 IIAS 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, IIAS - 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 1/13/24 (Week 2)



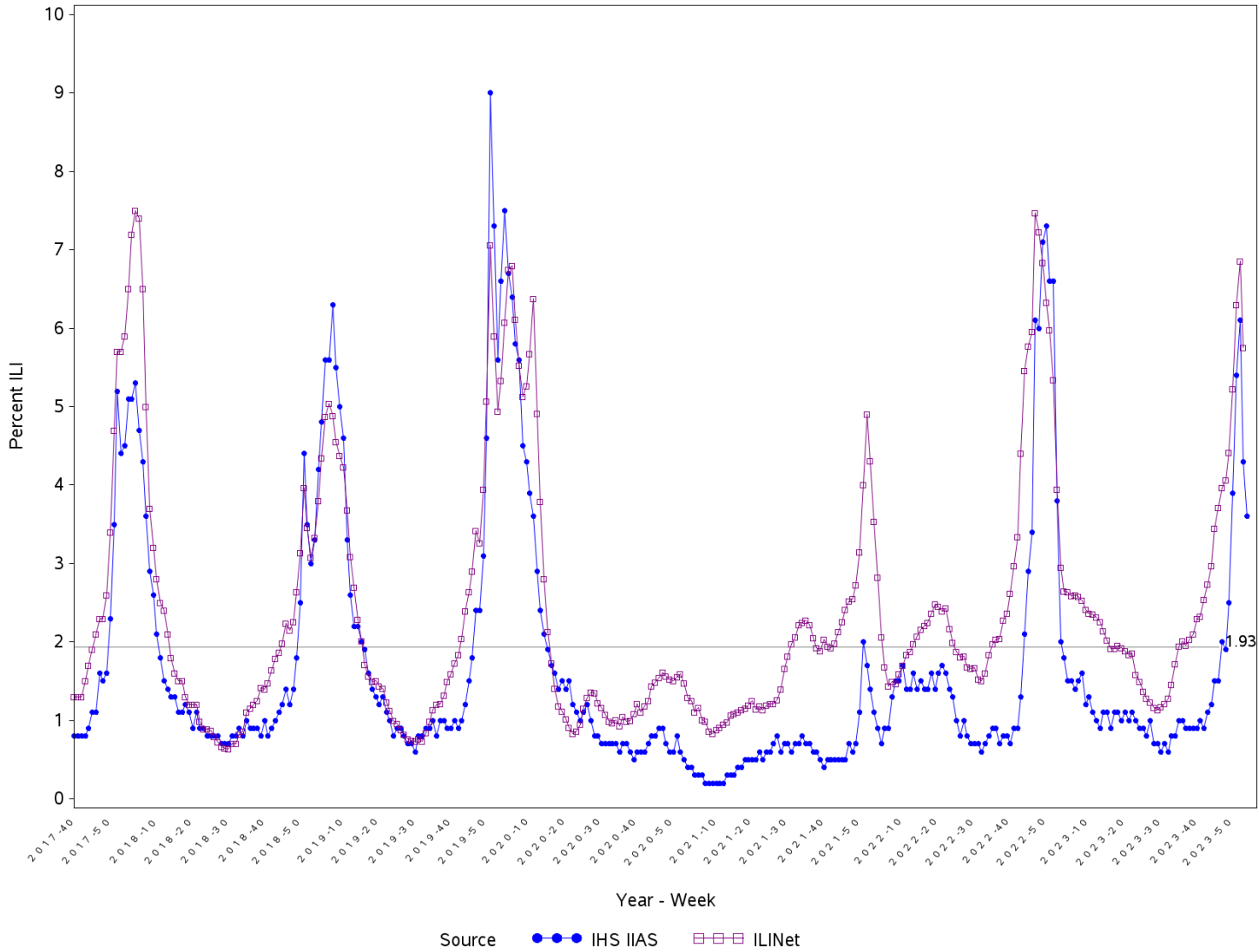
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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
1/07/24 through 1/13/24 (Week 2)



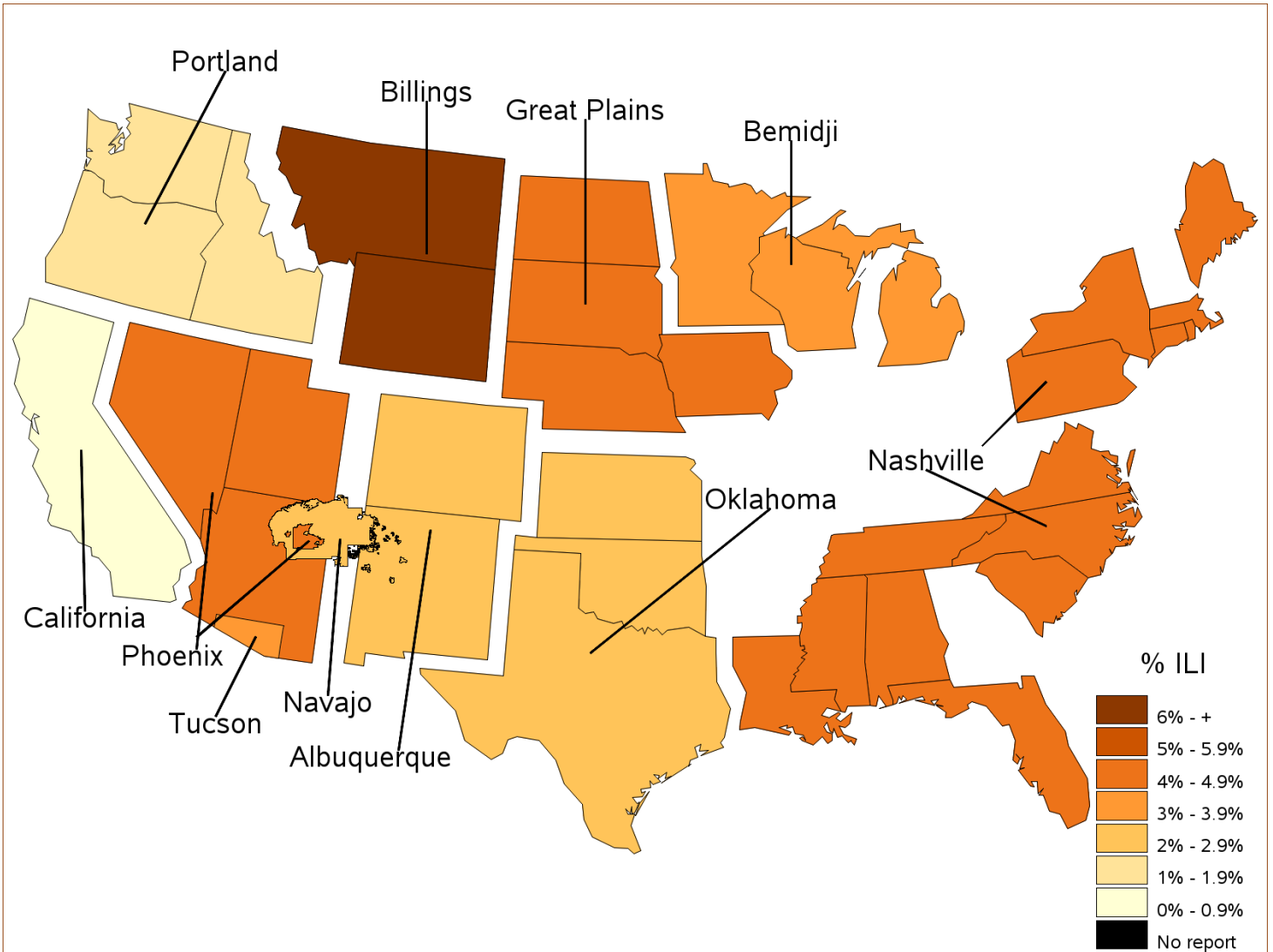
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 1/13/24 (Week 2)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 1/13/24 (Week 2)

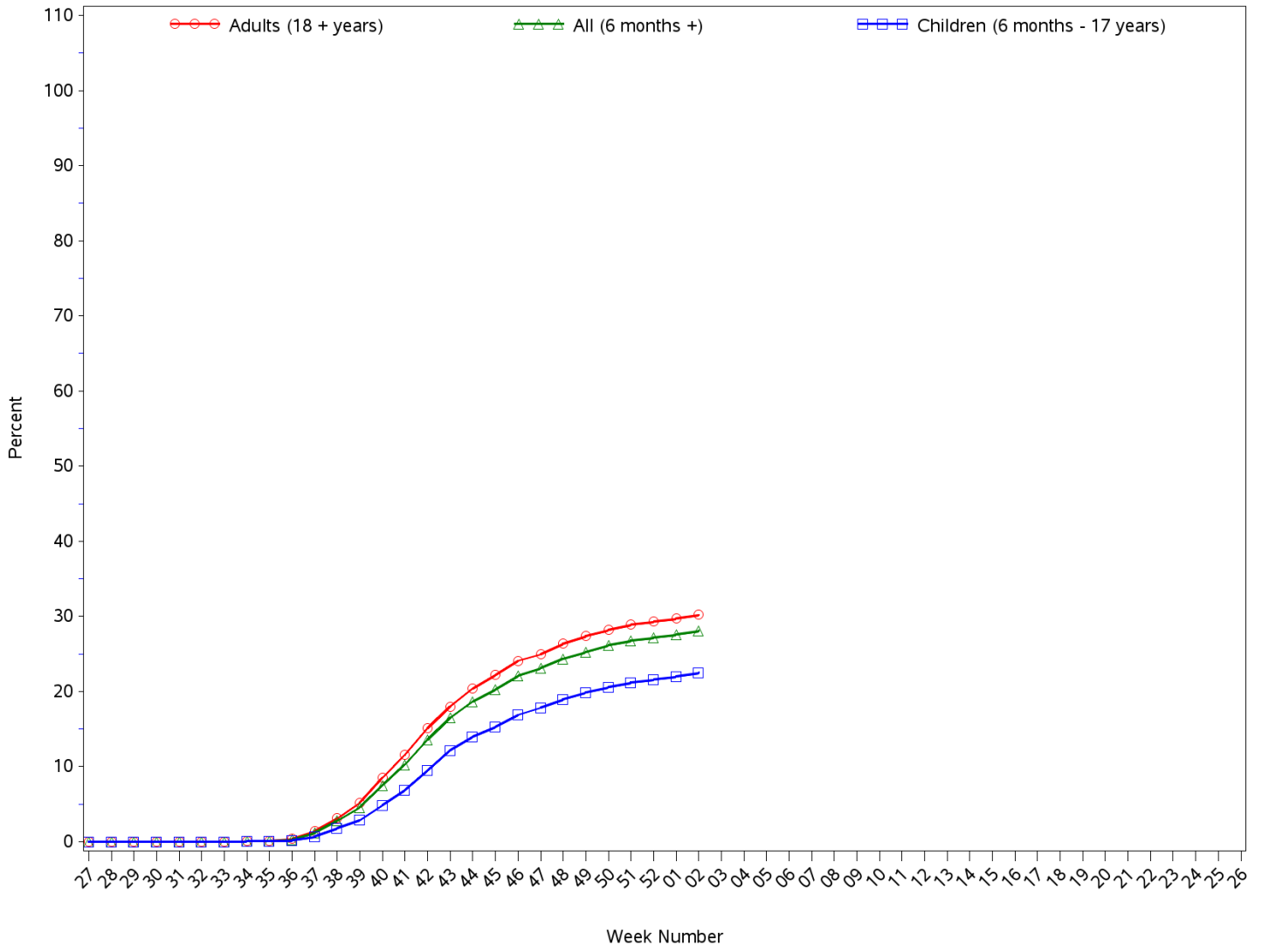
Area	Previous Week (52)	Current Week (1)
NATIONAL	4.3	3.6
ALBUQUERQUE	4.1	2.8
BEMIDJI	2.4	3.9
BILLINGS	6.8	7.2
CALIFORNIA	2.2	0.8
GREAT PLAINS	4.4	4.8
NASHVILLE	7.0	4.9
NAVAJO	3.3	2.2
OKLAHOMA	3.0	2.9
PHOENIX	6.2	4.0
PORTLAND	1.3	1.3
TUCSON	7.3	3.8

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

IHS Influenza Vaccination Surveillance

As of 1/13/2024, sites reporting to the IIAS have administered 185,797 (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 1/13/24 (Week 2)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 1/13/24 (Week 2)

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	20	0.8	1	0.0	22
6 - 23 months	11,963	3,864	32.3	746	6.2	4,753
2 - 4 years	31,833	5,182	16.3	106	0.3	5,425
5 - 17 years	131,534	30,484	23.2	128	0.1	31,288
18 - 49 years	266,687	54,901	20.6	225	0.1	56,720
50 - 64 years	116,561	42,716	36.6	187	0.2	43,817
65 + years	81,842	42,892	52.4	198	0.2	43,794
Children (6 months - 17 years)	175,330	39,530	22.5	980	0.6	41,466
Adults (18 + years)	465,090	140,509	30.2	610	0.1	144,331
All (6 months +)	640,420	180,039	28.1	1,590	0.2	185,797

* 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 1/13/24 (Week 2)**

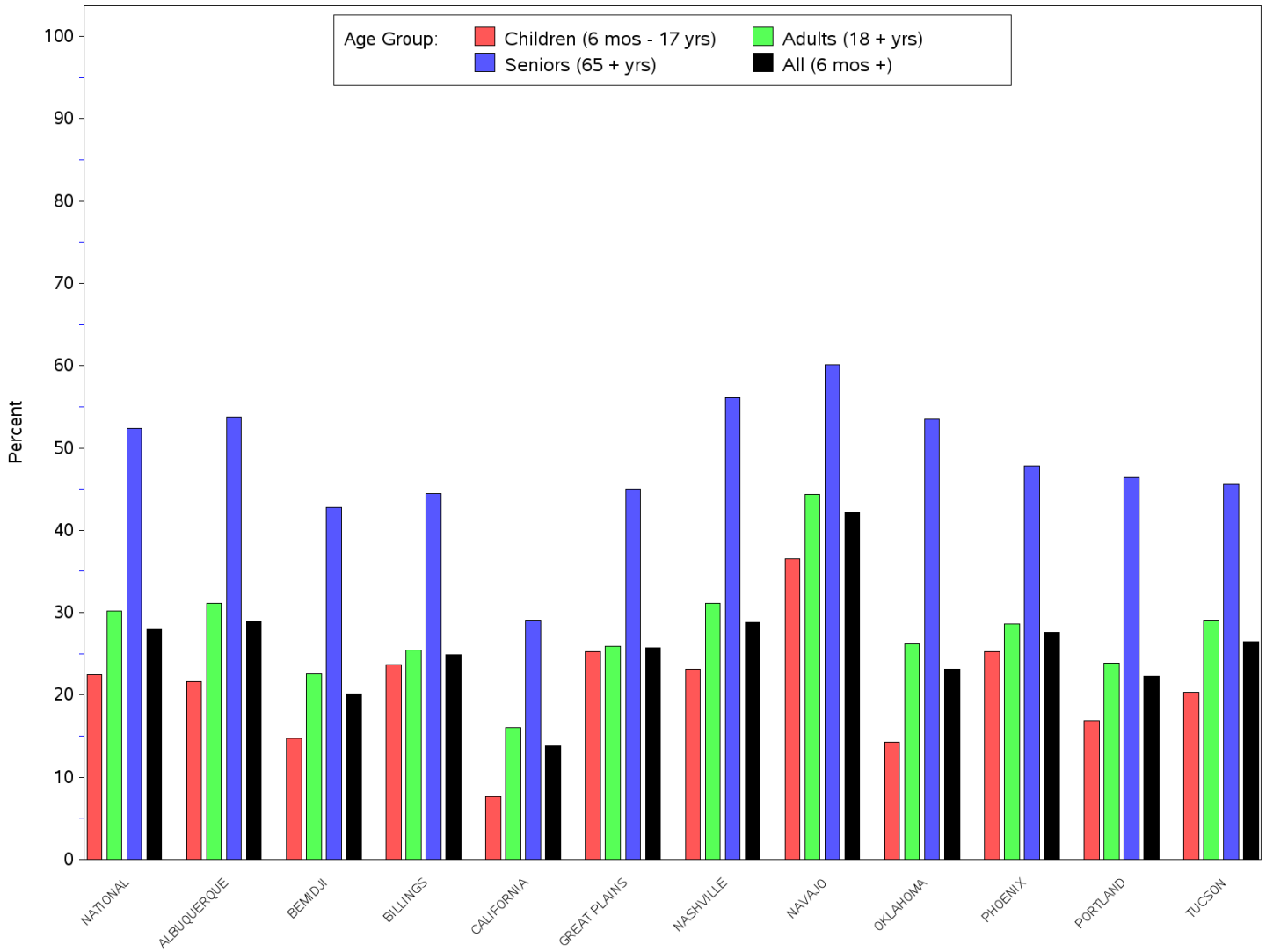
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	64	40	15	10,851	1	1,117	0	19	1	149	20	33	4,110	18	56	205	16,699
BEM	18	2	47	2,749	0	230	0	0	0	161	1	4	996	4	17	191	4,420
BIL	244	3	98	7,319	0	1,832	0	2	0	49	4	1	1,534	16	94	199	11,395
CAO	66	0	4	680	0	178	0	0	3	271	0	96	179	14	13	62	1,566
GPA	404	3	94	7,993	0	2,710	0	10	0	101	1	71	1,516	30	83	471	13,487
NSA	115	18	6	7,286	0	175	0	1	0	174	3	6	1,813	126	114	235	10,072
NAV	45	14	10	37,939	0	1,484	0	20	0	184	13	57	11,489	41	49	270	51,615
OKC	355	58	359	30,191	0	1,775	0	7	0	330	27	123	10,862	81	79	1,588	45,835
PHX	42	18	0	13,122	0	4,867	0	2	0	572	10	3	3,440	9	81	280	22,446
POR	24	1	52	2,901	1	350	0	0	0	1,031	7	1	1,477	9	9	88	5,951
TUC	3	0	0	3,233	0	20	0	2	0	10	1	5	473	0	6	9	3,762
Total	1,380	157	685	124,264	2	14,738	0	63	4	3,032	87	400	37,889	348	601	3,598	187,248

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 1/13/24 (Week 2)



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 1/13/24 (Week 2)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	22.5	30.2	52.4	28.1
ALBUQUERQUE	21.6	31.1	53.8	28.9
BEMIDJI	14.7	22.6	42.8	20.1
BILLINGS	23.7	25.4	44.5	24.9
CALIFORNIA	7.6	16.0	29.1	13.8
GREAT PLAINS	25.3	25.9	45.0	25.7
NASHVILLE	23.1	31.1	56.1	28.8
NAVAJO	36.5	44.4	60.1	42.2
OKLAHOMA	14.3	26.2	53.5	23.1
PHOENIX	25.3	28.6	47.8	27.6
PORTLAND	16.9	23.9	46.4	22.3
TUCSON	20.3	29.1	45.6	26.5

Number of RPMS Databases Reporting for Week Ending 1/13/24 (Week 2)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	101	171
ALBUQUERQUE	13	19
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	6	9
GREAT PLAINS	10	18
NASHVILLE	20	28
NAVAJO	5	11
OKLAHOMA	20	35
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 1/13/24 (Week 2)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	168,544	170,008
Chart Review	838	852
Daily Hospitalization Data	0	0
Event (Historical)	13,928	14,065
Hospitalization	489	492
In Hospital	37	60
Telemedicine	100	101
Not Found	40	41
Observation	122	122
Nursing Home	39	39
Day Surgery	3	3
Telecommunications	32	36
Ancillary Package Daily Data	0	0
Total	184,172	185,819

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	20	20
	Outside IHS System	1	2
6 - 23 months	Within IHS System	3,666	4,401
	Outside IHS System	313	352
2 - 4 years	Within IHS System	5,046	5,153
	Outside IHS System	270	272
5 - 17 years	Within IHS System	29,982	30,106
	Outside IHS System	1,147	1,153
18 - 49 years	Within IHS System	51,150	51,360
	Outside IHS System	5,325	5,352
50 - 64 years	Within IHS System	39,691	39,847
	Outside IHS System	3,935	3,970
65 + years	Within IHS System	40,649	40,826
	Outside IHS System	2,937	2,964
Total		184,132	185,778