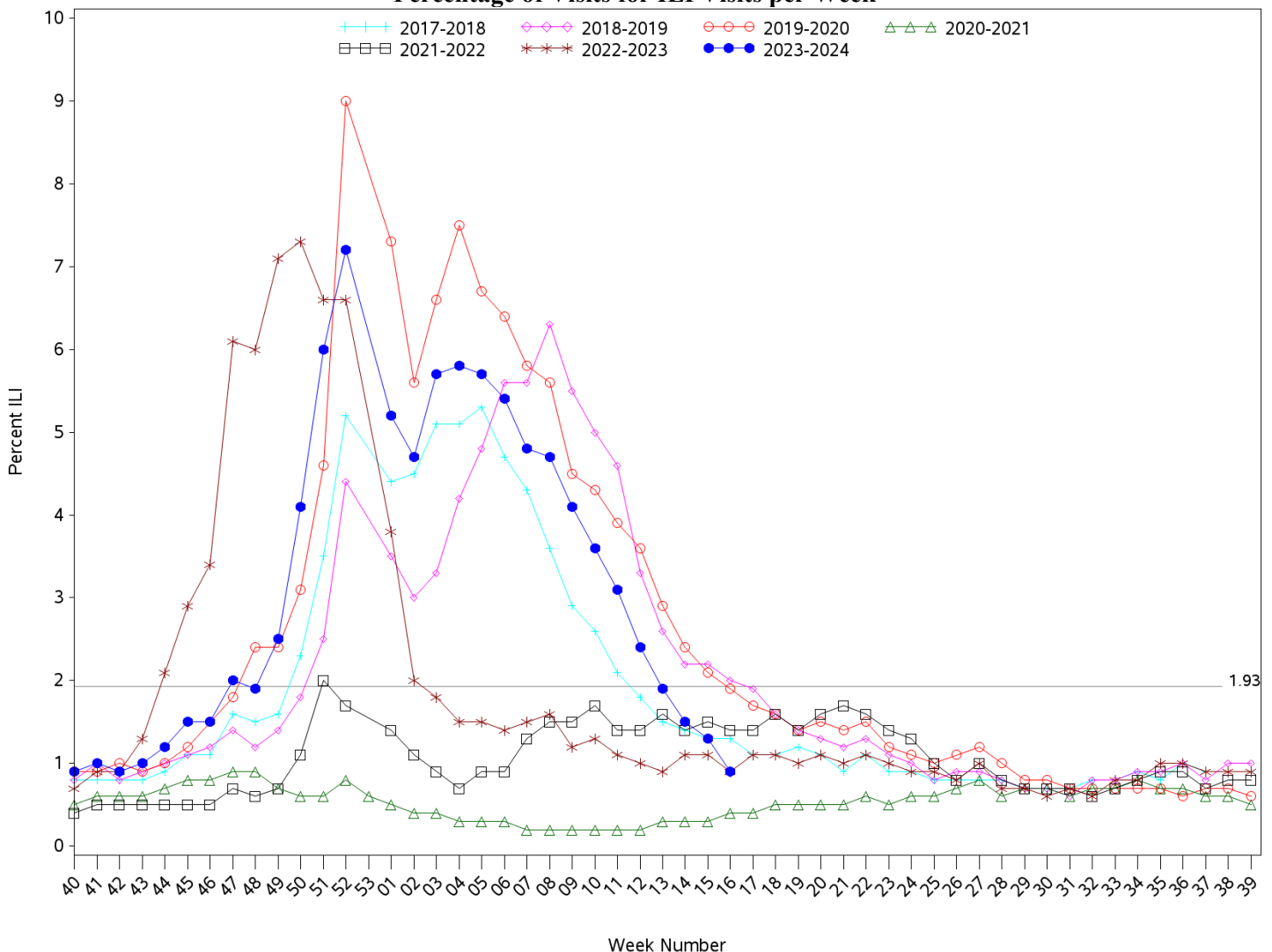




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 16: 4/14/2024 – 4/20/2024)

- IHS national Influenza-like illness (ILI) activity is low at 0.9%, below the IHS baseline of 1.93%
 - Nine 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 16 (2.3%) and to the ILINet baseline (2.9%).
- To date, IHS has administered 216,572 doses of influenza vaccine.
- Overall, 32.5% 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

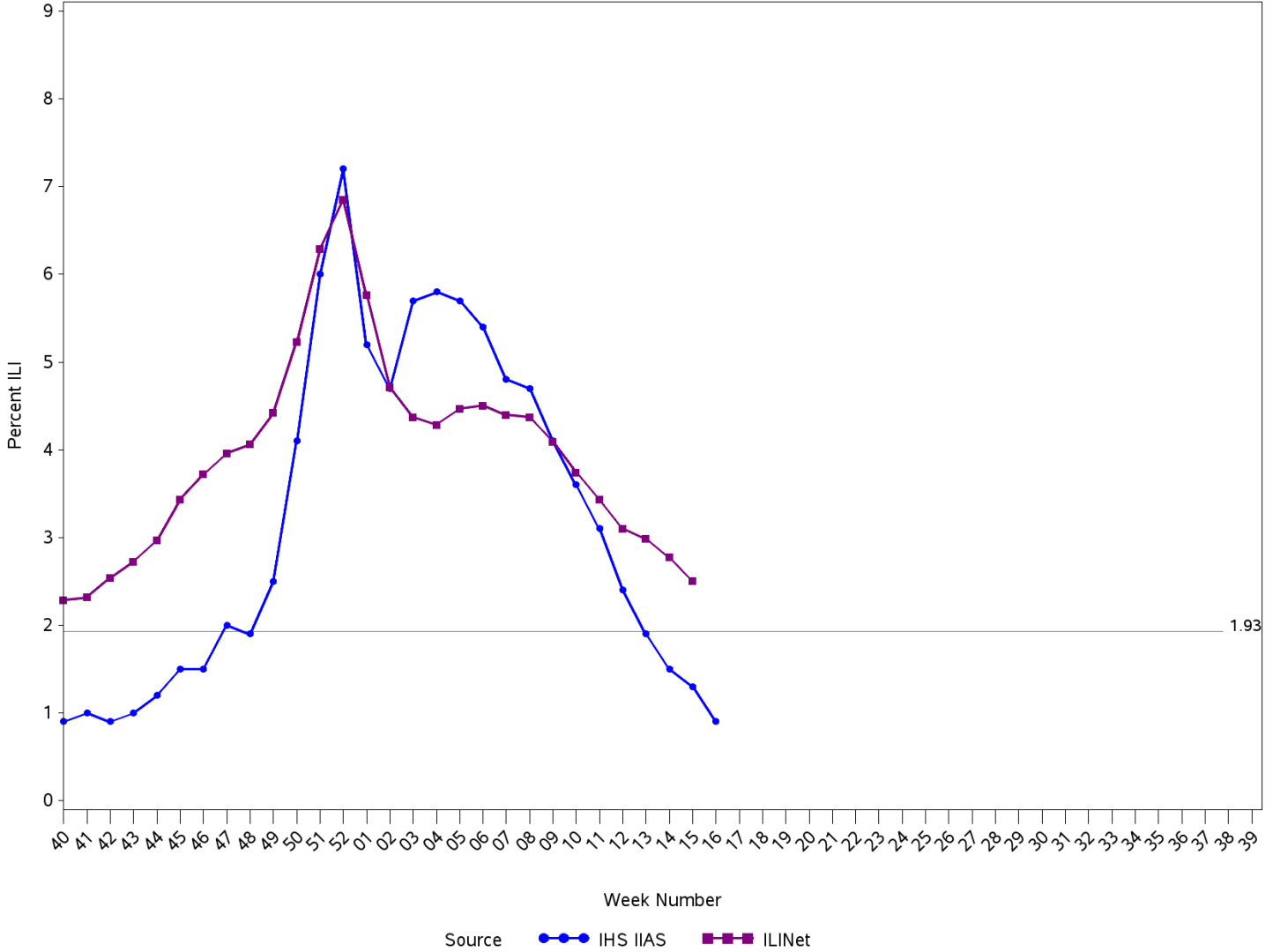
by CDC) for the previous four seasons plus two standard deviations.

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 4/20/24 (Week 16)



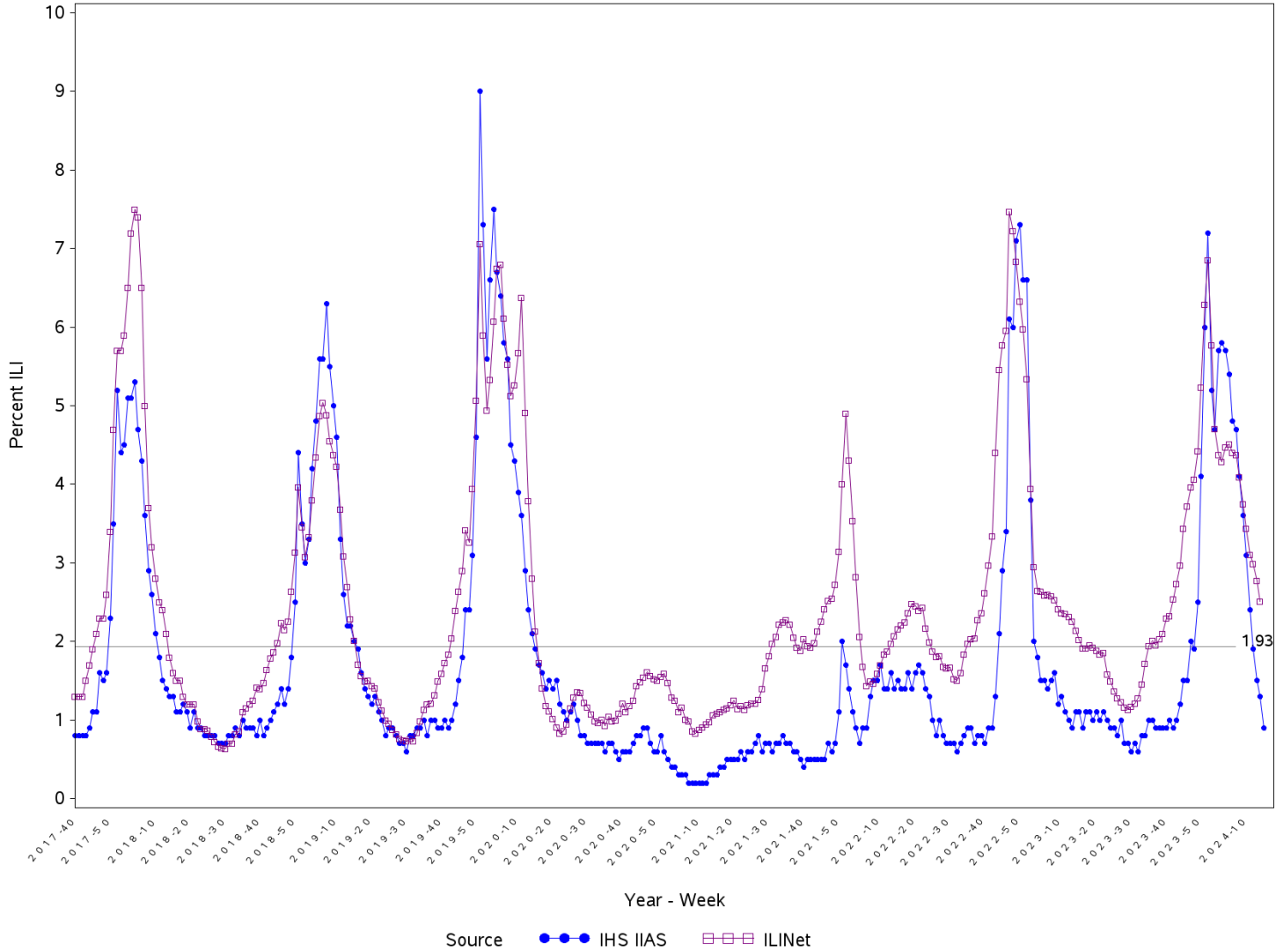
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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**



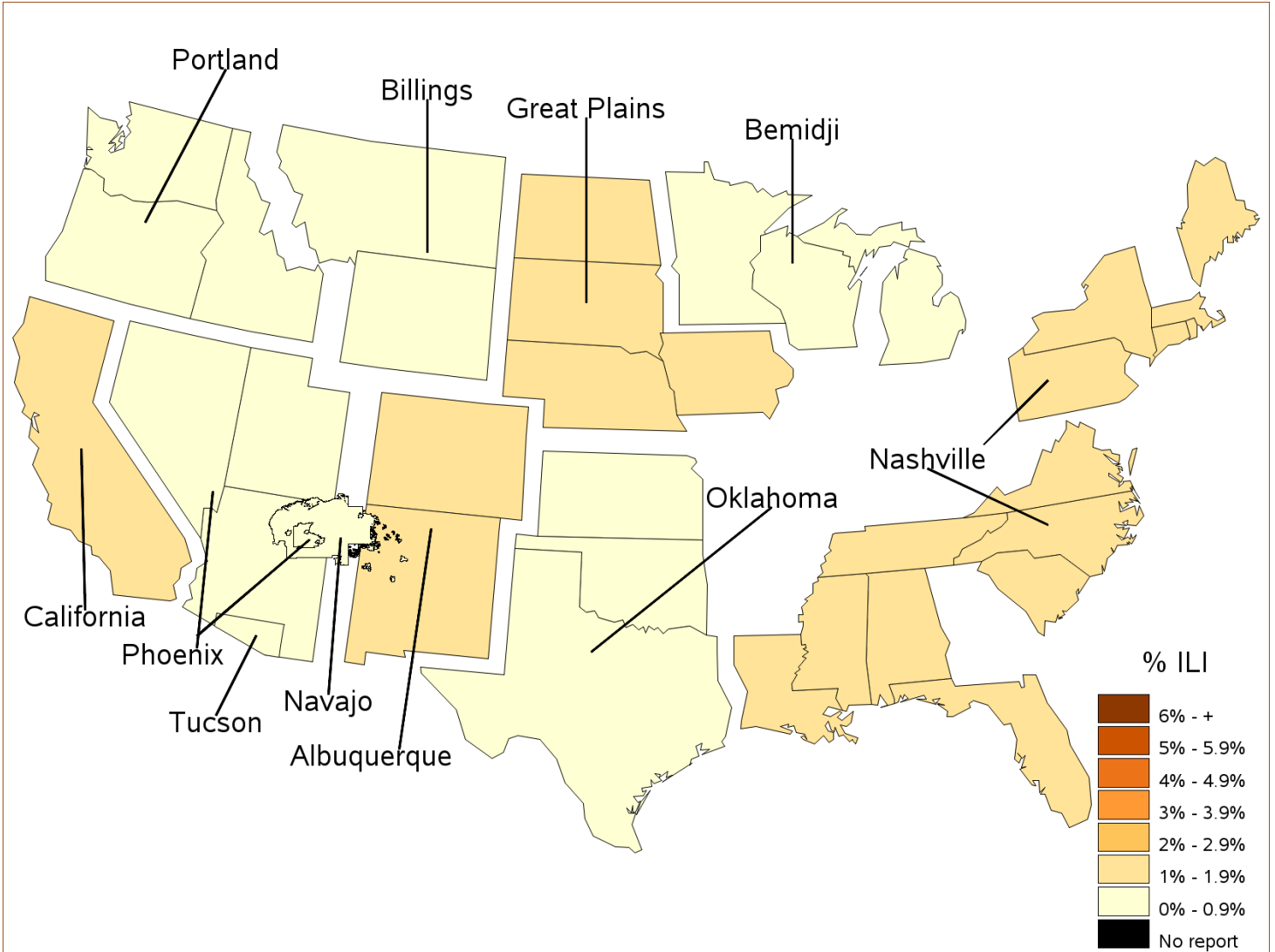
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 4/20/24 (Week 16)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 4/20/24 (Week 16)

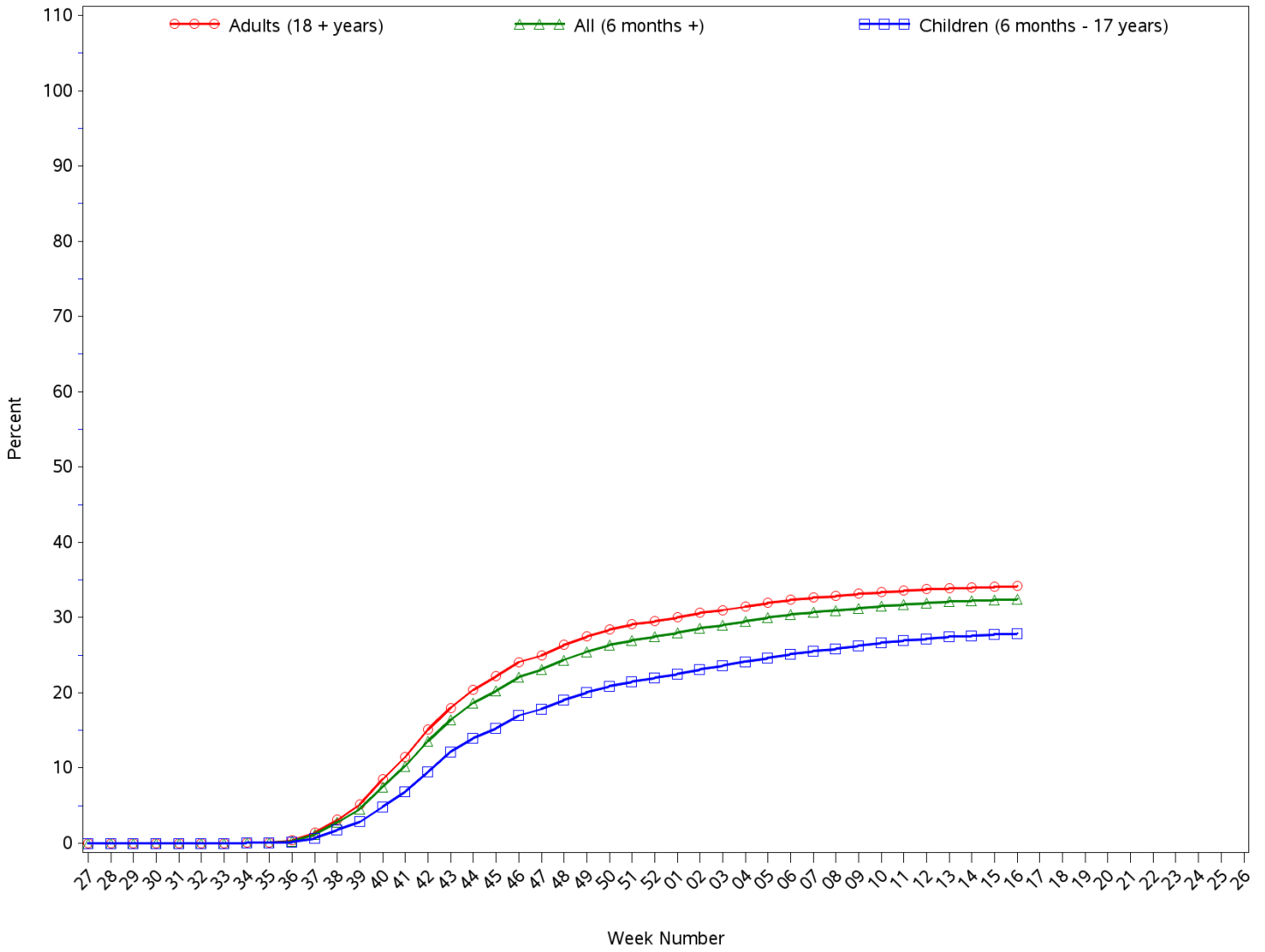
Area	Previous Week (15)	Current Week (16)
NATIONAL	1.3	0.9
ALBUQUERQUE	1.0	1.0
BEMIDJI	3.0	0.7
BILLINGS	0.9	0.8
CALIFORNIA	1.7	1.0
GREAT PLAINS	2.8	1.5
NASHVILLE	2.0	1.8
NAVAJO	1.3	0.8
OKLAHOMA	1.0	0.6
PHOENIX	1.0	0.7
PORTLAND	0.9	0.7
TUCSON	0.2	0.9

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

IHS Influenza Vaccination Surveillance

As of 4/20/2024, sites reporting to the IIAS have administered 216,572 (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 4/20/24 (Week 16)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 4/20/24 (Week 16)

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	46	1.9	1	0.0	48
6 - 23 months	11,963	5,373	44.9	1,886	15.8	7,505
2 - 4 years	31,846	7,012	22.0	264	0.8	7,488
5 - 17 years	131,667	36,621	27.8	200	0.2	37,678
18 - 49 years	267,026	64,402	24.1	320	0.1	66,679
50 - 64 years	116,788	48,006	41.1	244	0.2	49,321
65 + years	82,087	46,843	57.1	277	0.3	47,901
Children (6 months - 17 years)	175,476	49,006	27.9	2,350	1.3	52,671
Adults (18 + years)	465,901	159,251	34.2	841	0.2	163,901
All (6 months +)	641,377	208,257	32.5	3,191	0.5	216,572

* 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 4/20/24 (Week 16)**

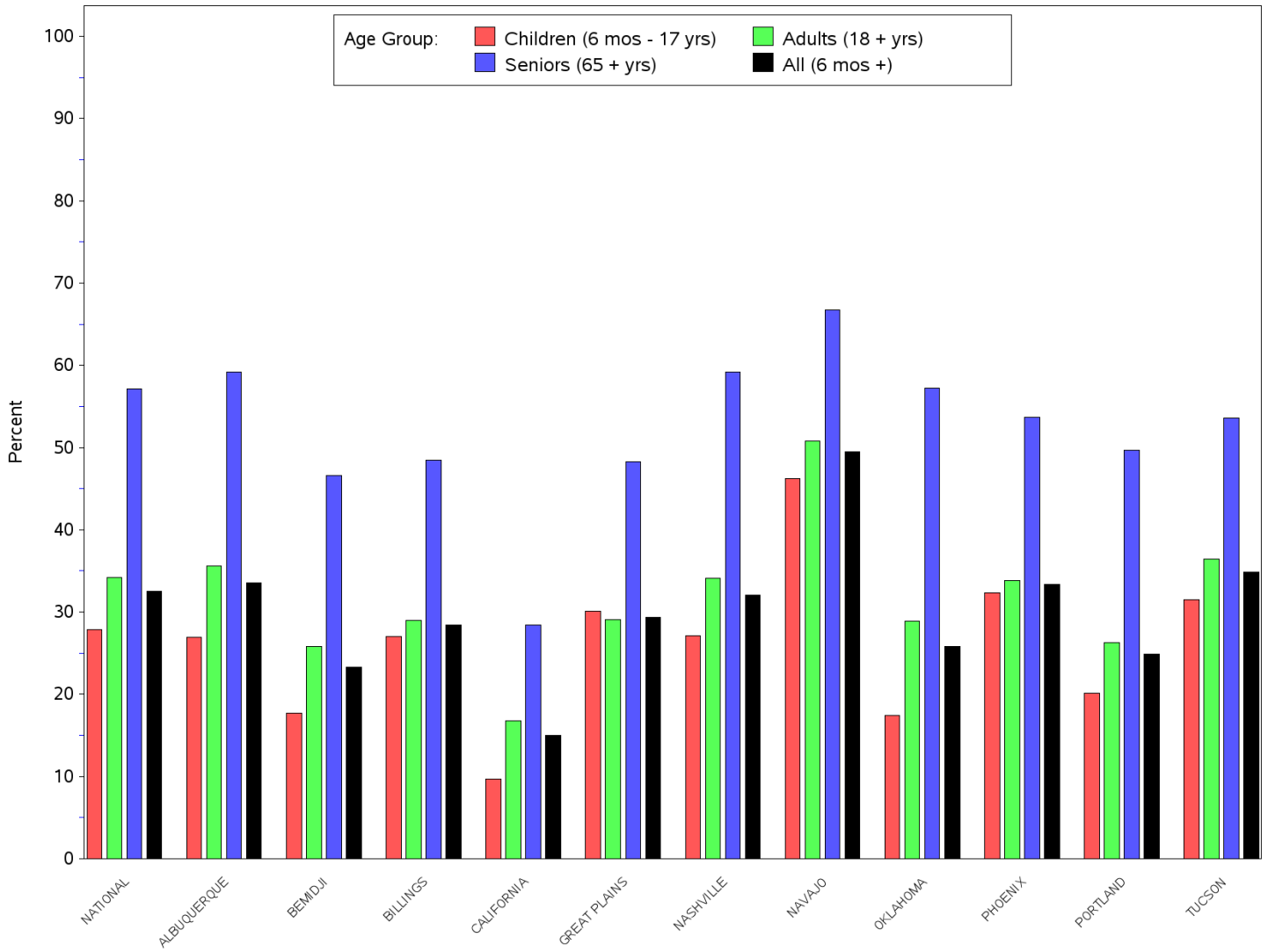
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	65	49	18	12,914	1	1,339	0	19	1	185	22	40	4,521	19	62	241	19,496
BEM	18	3	47	3,324	0	235	0	0	0	185	1	4	1,069	5	17	216	5,124
BIL	260	3	99	8,693	0	2,012	0	3	0	58	5	3	1,644	16	99	239	13,134
CAO	69	2	5	839	0	209	0	0	3	318	0	98	207	15	17	71	1,853
GPA	453	5	94	9,401	0	3,324	0	15	0	122	2	77	1,655	34	88	500	15,770
NSA	118	18	6	8,274	0	193	0	1	0	186	4	6	1,898	127	122	321	11,274
NAV	48	19	12	45,573	0	1,824	0	22	0	206	16	73	12,782	49	60	321	61,005
OKC	374	64	415	34,745	0	2,008	0	11	0	420	27	126	11,458	87	95	1,817	51,647
PHX	47	21	0	16,444	0	5,894	0	6	0	735	10	7	3,684	11	120	339	27,318
POR	24	2	54	3,390	1	393	0	0	0	1,119	7	1	1,575	10	10	98	6,684
TUC	4	0	1	4,365	0	23	0	2	0	13	1	5	584	0	16	15	5,029
Total	1,480	186	751	147,962	2	17,454	0	79	4	3,547	95	440	41,077	373	706	4,178	218,334

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 4/20/24 (Week 16)



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 4/20/24 (Week 16)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	27.9	34.2	57.1	32.5
ALBUQUERQUE	26.9	35.6	59.2	33.6
BEMIDJI	17.7	25.8	46.6	23.3
BILLINGS	27.0	29.0	48.5	28.4
CALIFORNIA	9.7	16.8	28.4	15.0
GREAT PLAINS	30.1	29.1	48.3	29.4
NASHVILLE	27.1	34.1	59.2	32.1
NAVAJO	46.2	50.8	66.7	49.5
OKLAHOMA	17.4	28.9	57.2	25.8
PHOENIX	32.3	33.8	53.7	33.4
PORTLAND	20.1	26.3	49.7	24.9
TUCSON	31.5	36.4	53.6	34.9

Number of RPMS Databases Reporting For Week Ending 4/20/24 (Week 16)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	98	175
ALBUQUERQUE	13	19
BEMIDJI	3	6
BILLINGS	9	17
CALIFORNIA	7	10
GREAT PLAINS	10	19
NASHVILLE	19	28
NAVAJO	4	10
OKLAHOMA	18	36
PHOENIX	7	17
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 4/20/24 (Week 16)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	195,428	198,428
Chart Review	960	976
Daily Hospitalization Data	0	0
Event (Historical)	15,802	16,040
Hospitalization	681	692
In Hospital	52	89
Telemedicine	100	101
Not Found	40	41
Observation	167	167
Nursing Home	43	43
Day Surgery	3	3
Telecommunications	36	40
Ancillary Package Daily Data	0	0
Total	213,312	216,620

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	43	43
	Outside IHS System	4	5
6 - 23 months	Within IHS System	4,990	6,843
	Outside IHS System	564	662
2 - 4 years	Within IHS System	6,773	7,041
	Outside IHS System	440	447
5 - 17 years	Within IHS System	35,954	36,147
	Outside IHS System	1,490	1,502
18 - 49 years	Within IHS System	60,512	60,815
	Outside IHS System	5,819	5,856
50 - 64 years	Within IHS System	44,806	45,016
	Outside IHS System	4,264	4,305
65 + years	Within IHS System	44,392	44,634
	Outside IHS System	3,221	3,263
Total		213,272	216,579