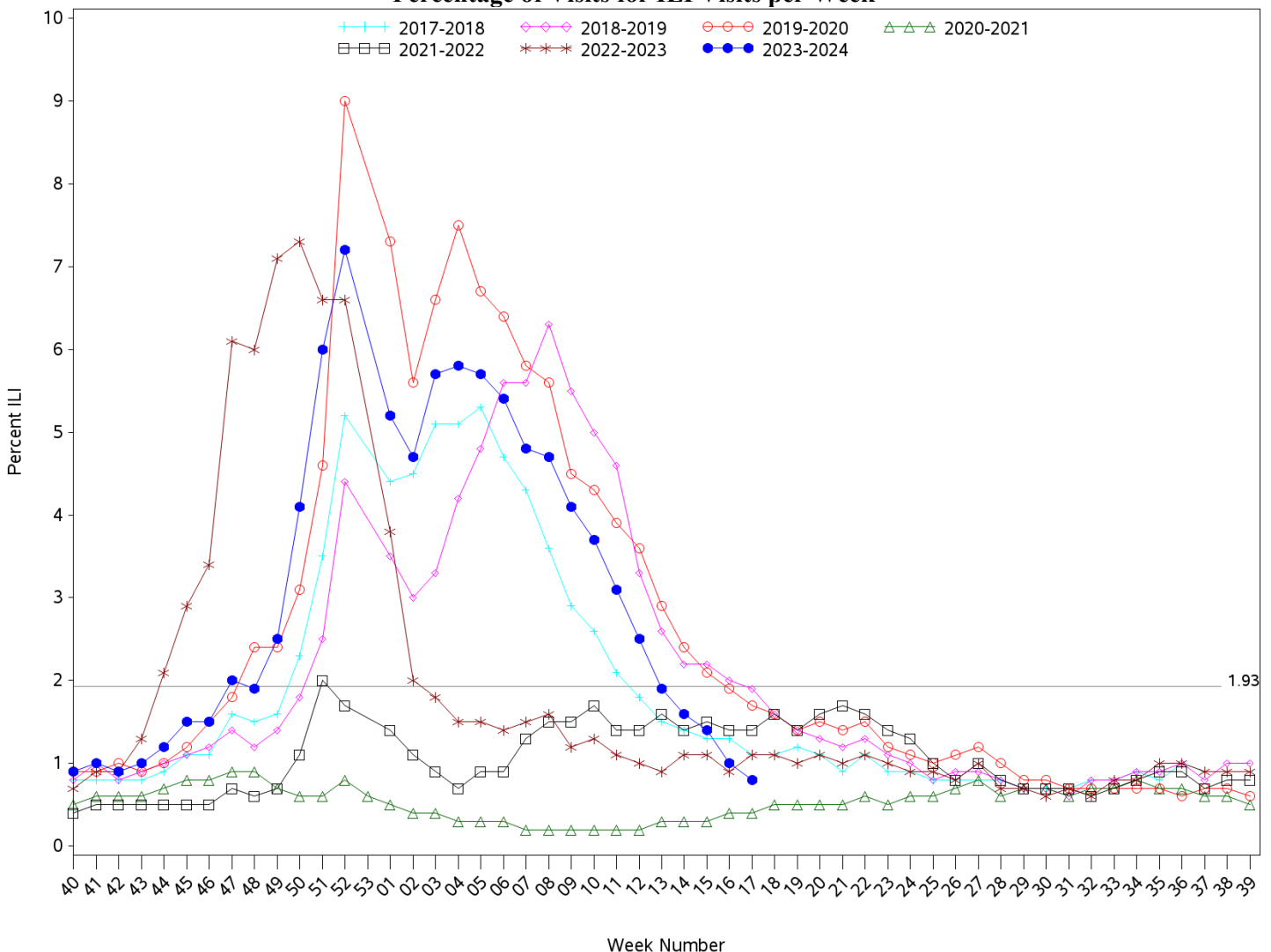




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 17: 4/21/2024 – 4/27/2024)

- IHS national Influenza-like illness (ILI) activity is low at 0.8%, below 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 17 (2.2%) and to the ILINet baseline (2.9%).
- To date, IHS has administered 217,198 doses of influenza vaccine.
- Overall, 32.6% 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

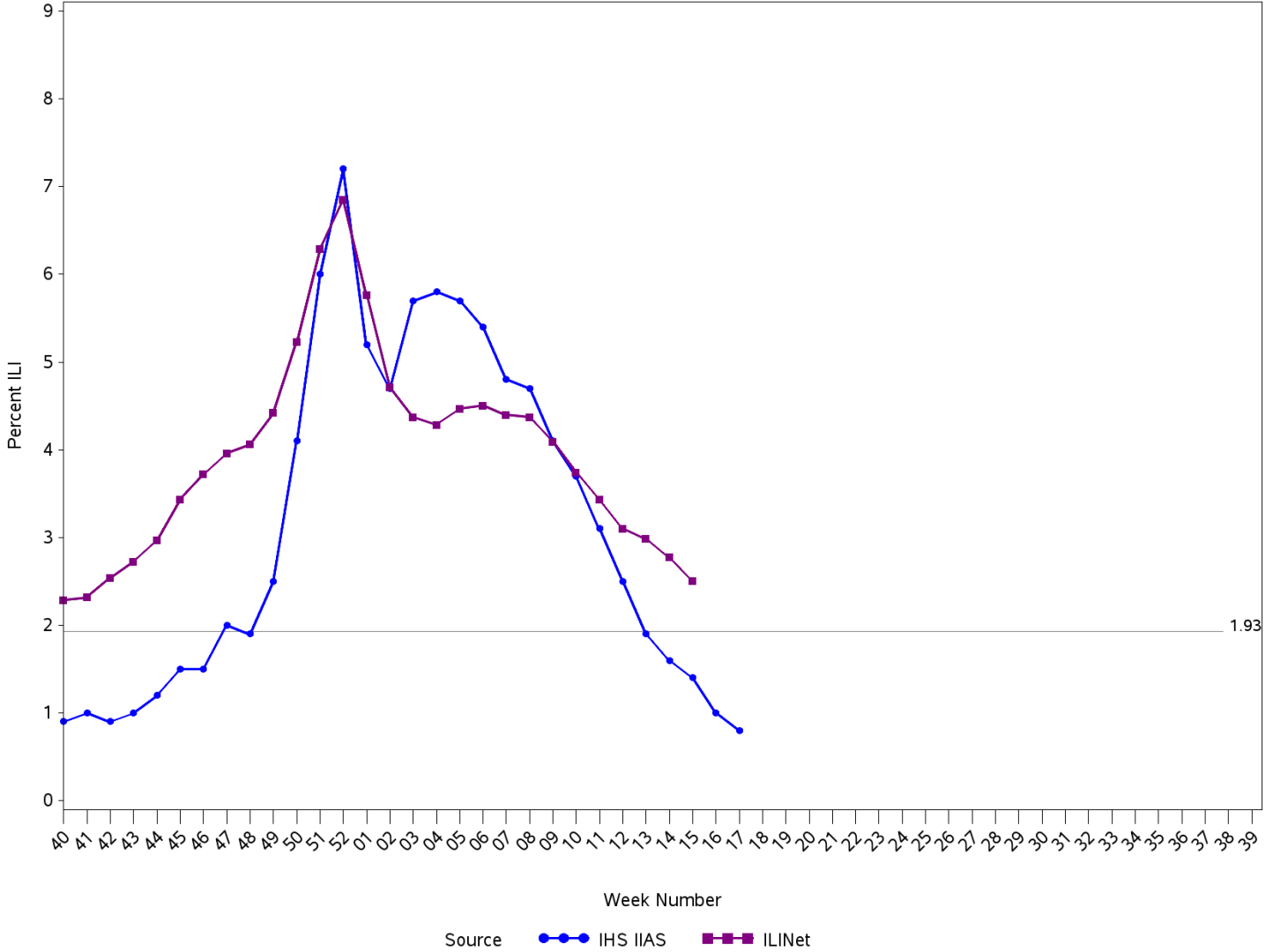
by CDC) for the previous four seasons plus two standard deviations.

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 4/27/24 (Week 17)



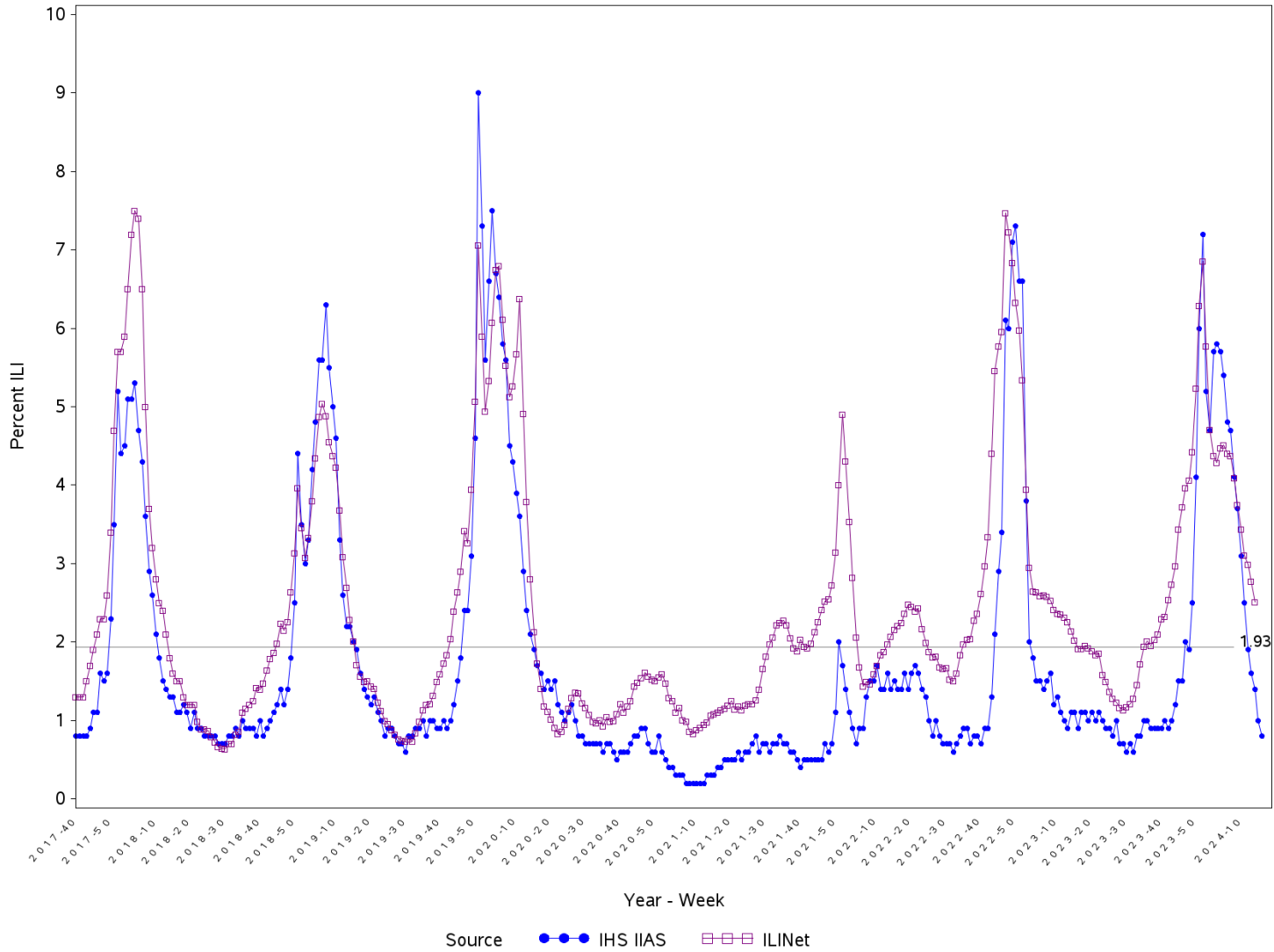
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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**



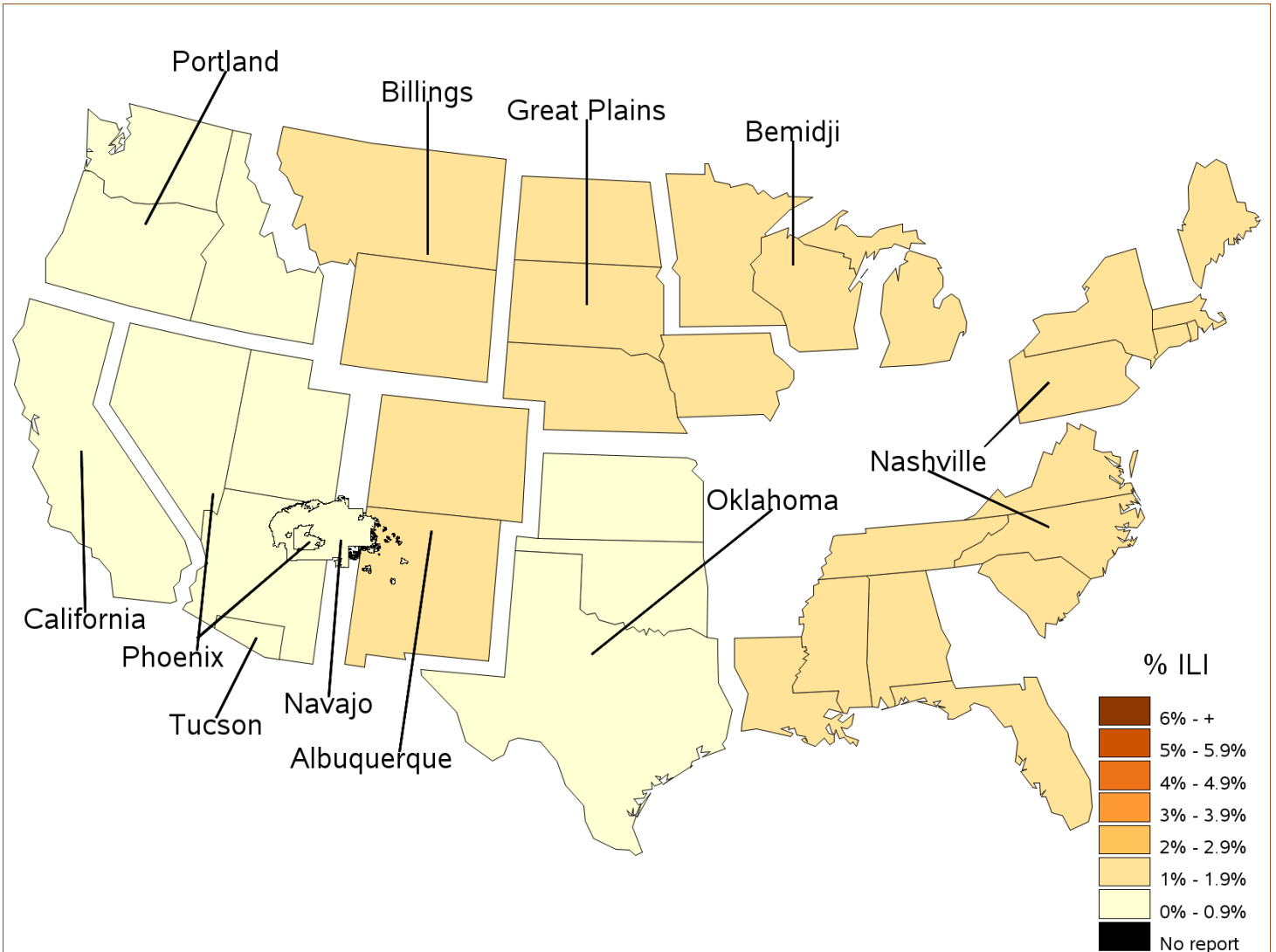
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 4/27/24 (Week 17)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 4/27/24 (Week 17)

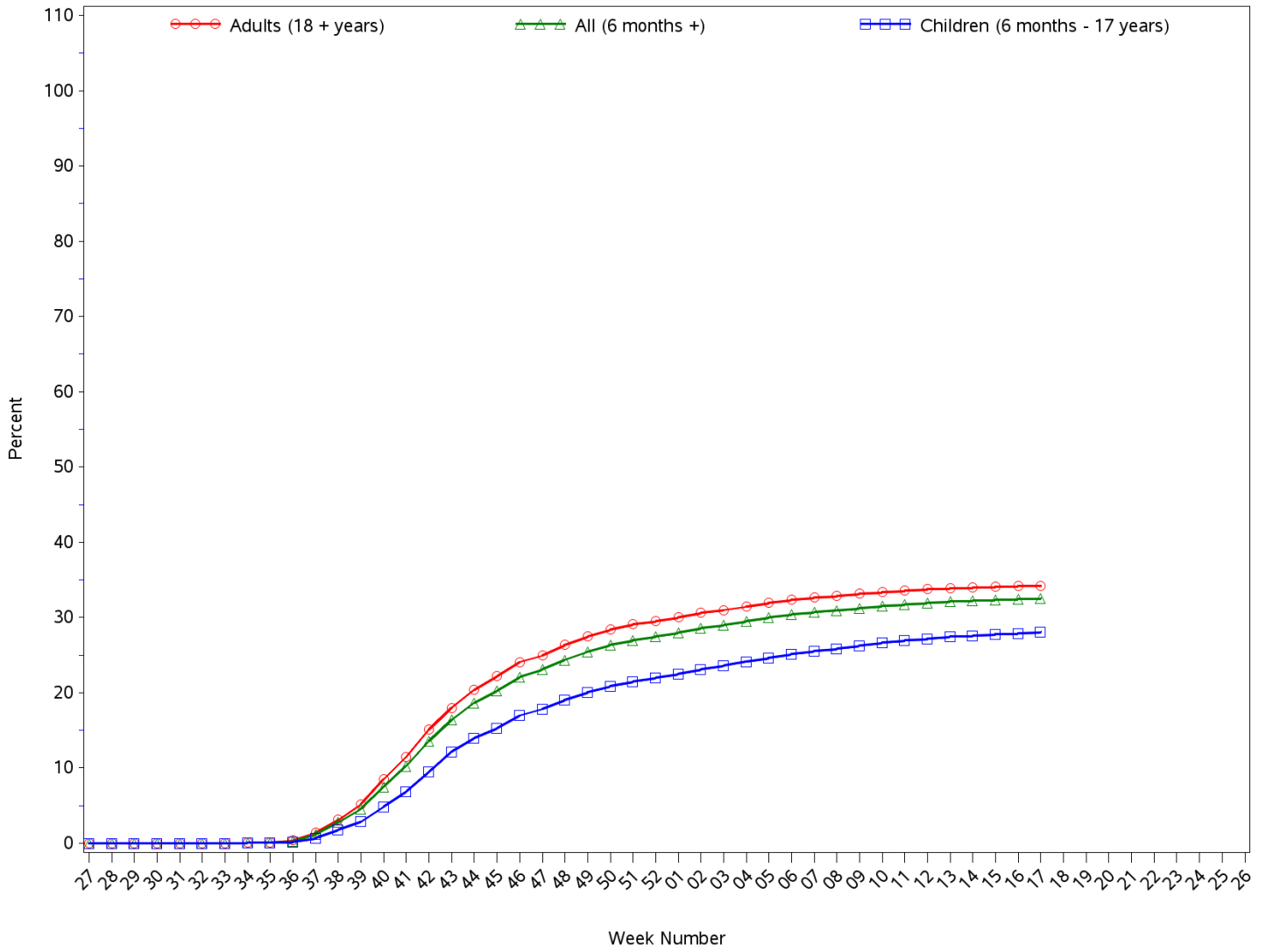
Area	Previous Week (16)	Current Week (17)
NATIONAL	1.0	0.8
ALBUQUERQUE	1.1	1.0
BEMIDJI	0.8	1.2
BILLINGS	0.9	1.1
CALIFORNIA	1.0	0.4
GREAT PLAINS	1.6	1.0
NASHVILLE	2.2	1.2
NAVAJO	1.1	0.7
OKLAHOMA	0.8	0.6
PHOENIX	0.8	0.9
PORTLAND	0.9	0.4
TUCSON	0.8	0.6

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

IHS Influenza Vaccination Surveillance

As of 4/27/2024, sites reporting to the IIAS have administered 217,198 (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 4/27/24 (Week 17)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 4/27/24 (Week 17)

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	47	2.0	1	0.0	49
6 - 23 months	11,963	5,409	45.2	1,917	16.0	7,572
2 - 4 years	31,846	7,076	22.2	271	0.9	7,559
5 - 17 years	131,667	36,793	27.9	207	0.2	37,861
18 - 49 years	267,026	64,567	24.2	322	0.1	66,855
50 - 64 years	116,788	48,079	41.2	246	0.2	49,397
65 + years	82,087	46,889	57.1	284	0.3	47,954
Children (6 months - 17 years)	175,476	49,278	28.1	2,395	1.4	52,992
Adults (18 + years)	465,901	159,535	34.2	852	0.2	164,206
All (6 months +)	641,377	208,813	32.6	3,247	0.5	217,198

* 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 4/27/24 (Week 17)**

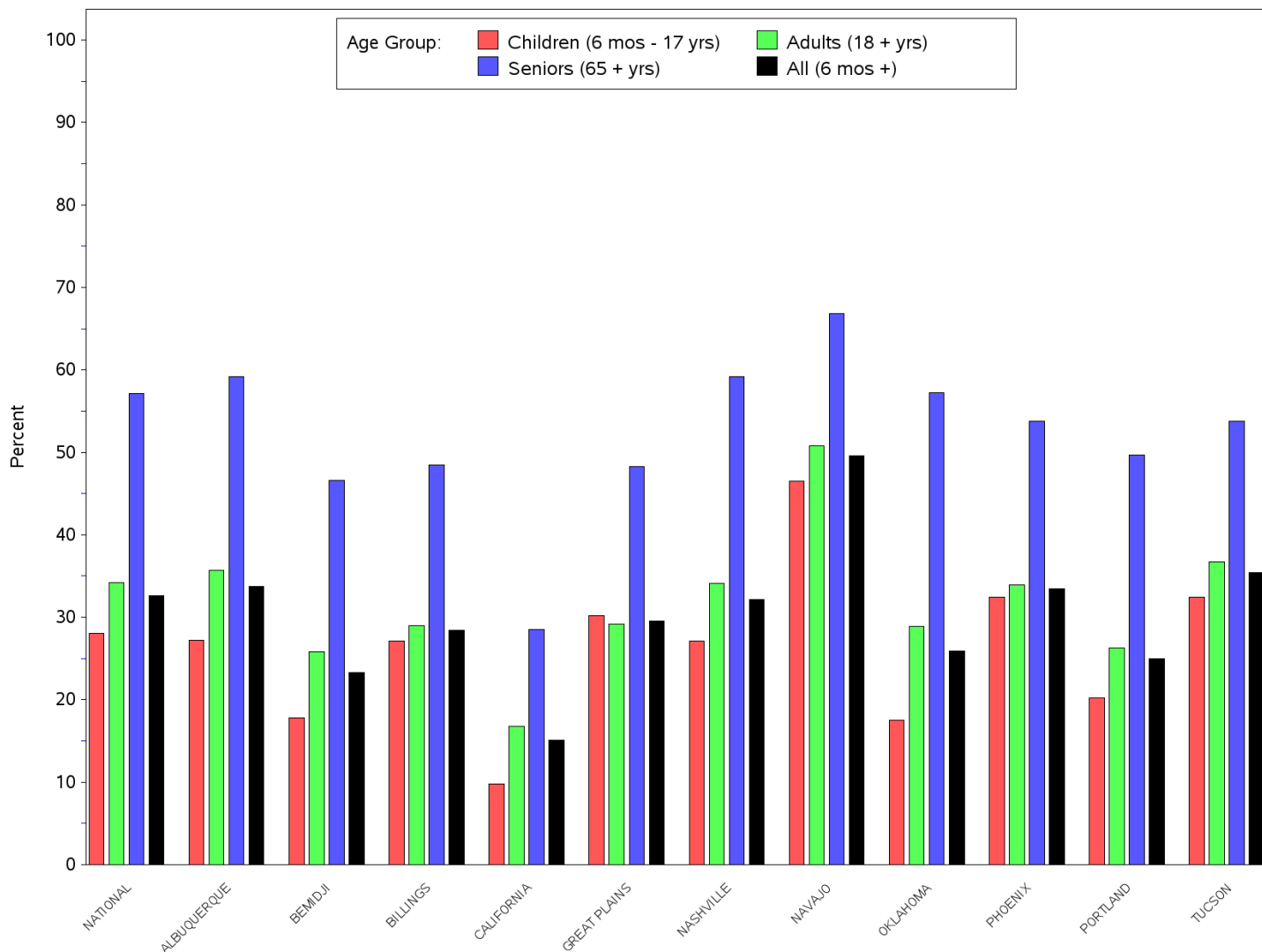
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	65	49	18	12,970	1	1,343	0	19	1	185	22	40	4,524	19	67	241	19,564
BEM	18	3	47	3,328	0	235	0	0	0	186	1	4	1,069	5	17	216	5,129
BIL	260	3	99	8,726	0	2,014	0	3	0	59	5	3	1,644	16	99	239	13,170
CAO	69	2	5	844	0	210	0	1	3	318	0	98	208	15	17	74	1,864
GPA	454	5	94	9,432	0	3,351	0	15	0	123	2	77	1,657	34	88	500	15,832
NSA	118	18	6	8,280	0	193	0	1	0	186	4	6	1,899	127	122	323	11,283
NAV	48	19	12	45,717	0	1,826	0	22	0	206	16	73	12,791	49	59	322	61,160
OKC	374	64	415	34,826	0	2,018	0	12	0	422	27	126	11,470	87	94	1,819	51,754
PHX	47	21	0	16,538	0	5,895	0	6	0	736	10	7	3,686	11	135	339	27,431
POR	24	2	54	3,397	1	393	0	0	0	1,119	7	1	1,574	10	10	98	6,690
TUC	4	0	1	4,433	0	23	0	2	0	13	1	6	586	0	16	15	5,100
Total	1,481	186	751	148,491	2	17,501	0	81	4	3,553	95	441	41,108	373	724	4,186	218,977

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 4/27/24 (Week 17)



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 4/27/24 (Week 17)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	28.1	34.2	57.1	32.6
ALBUQUERQUE	27.2	35.7	59.2	33.7
BEMIDJI	17.8	25.8	46.6	23.3
BILLINGS	27.1	29.0	48.5	28.4
CALIFORNIA	9.8	16.8	28.5	15.1
GREAT PLAINS	30.2	29.2	48.3	29.5
NASHVILLE	27.1	34.1	59.2	32.2
NAVAJO	46.5	50.8	66.8	49.6
OKLAHOMA	17.5	28.9	57.2	25.9
PHOENIX	32.4	33.9	53.8	33.5
PORTLAND	20.2	26.3	49.7	25.0
TUCSON	32.4	36.7	53.8	35.4

Number of RPMS Databases Reporting For Week Ending 4/27/24 (Week 17)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	98	169
ALBUQUERQUE	13	20
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	7	10
GREAT PLAINS	10	19
NASHVILLE	20	26
NAVAJO	4	10
OKLAHOMA	17	32
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 4/27/24 (Week 17)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	195,961	199,014
Chart Review	957	973
Daily Hospitalization Data	0	0
Event (Historical)	15,836	16,075
Hospitalization	685	696
In Hospital	52	91
Telemedicine	100	101
Not Found	40	41
Observation	170	170
Nursing Home	43	43
Day Surgery	3	3
Telecommunications	36	40
Ancillary Package Daily Data	0	0
Total	213,883	217,247

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	44	44
	Outside IHS System	4	5
6 - 23 months	Within IHS System	5,018	6,901
	Outside IHS System	572	671
2 - 4 years	Within IHS System	6,835	7,110
	Outside IHS System	442	449
5 - 17 years	Within IHS System	36,119	36,319
	Outside IHS System	1,501	1,513
18 - 49 years	Within IHS System	60,677	60,982
	Outside IHS System	5,828	5,865
50 - 64 years	Within IHS System	44,879	45,091
	Outside IHS System	4,265	4,306
65 + years	Within IHS System	44,435	44,684
	Outside IHS System	3,224	3,266
Total		213,843	217,206