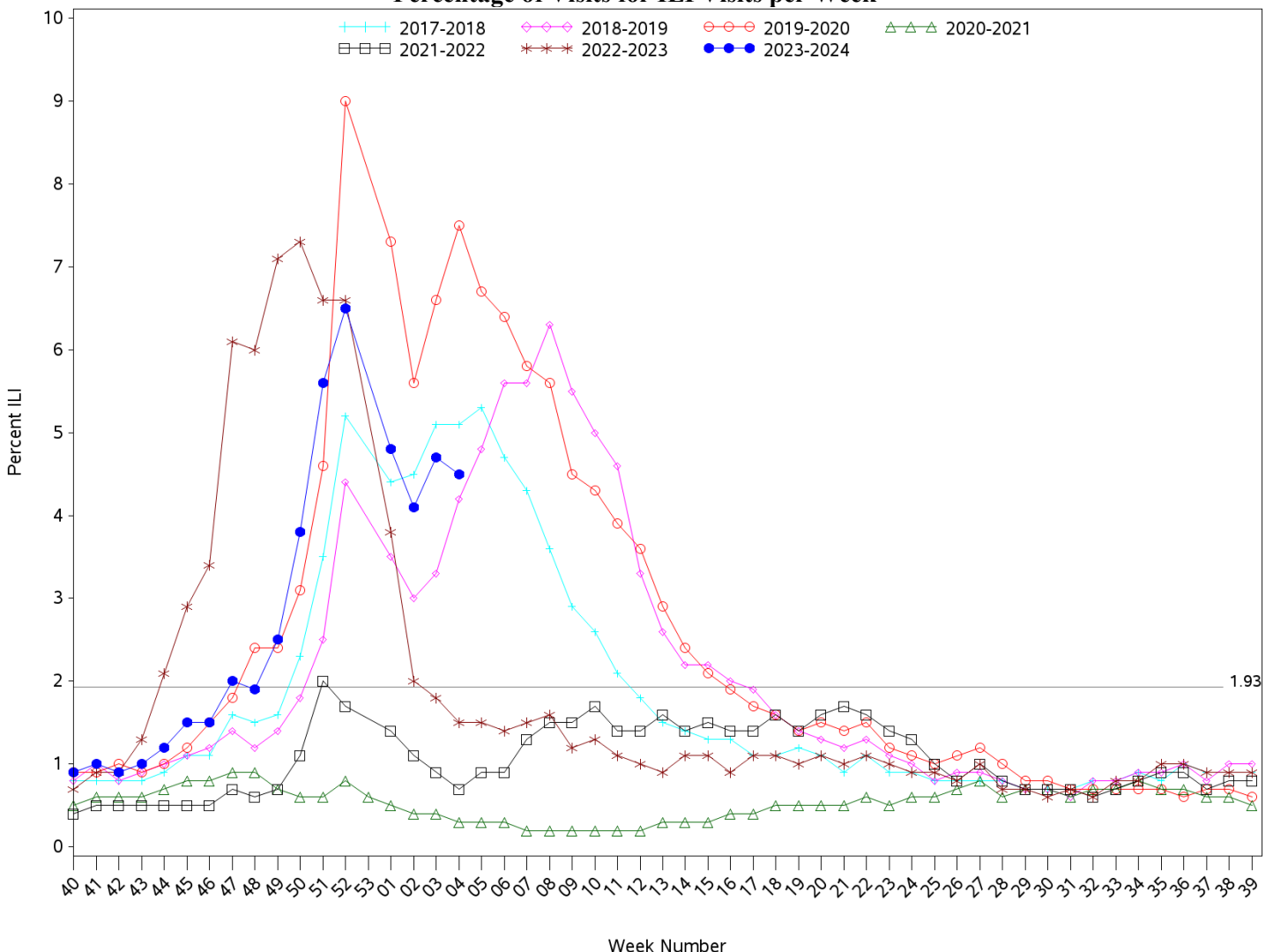




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 4: 1/21/2024 – 1/27/2024)

- IHS national Influenza-like illness (ILI) activity is high at 4.5%, 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 above the CDC’s ILINet ILI activity for Week 4 (4.3%) and the ILINet baseline (2.9%).
- To date, IHS has administered 192,822 doses of influenza vaccine.
- Overall, 29.1% 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)

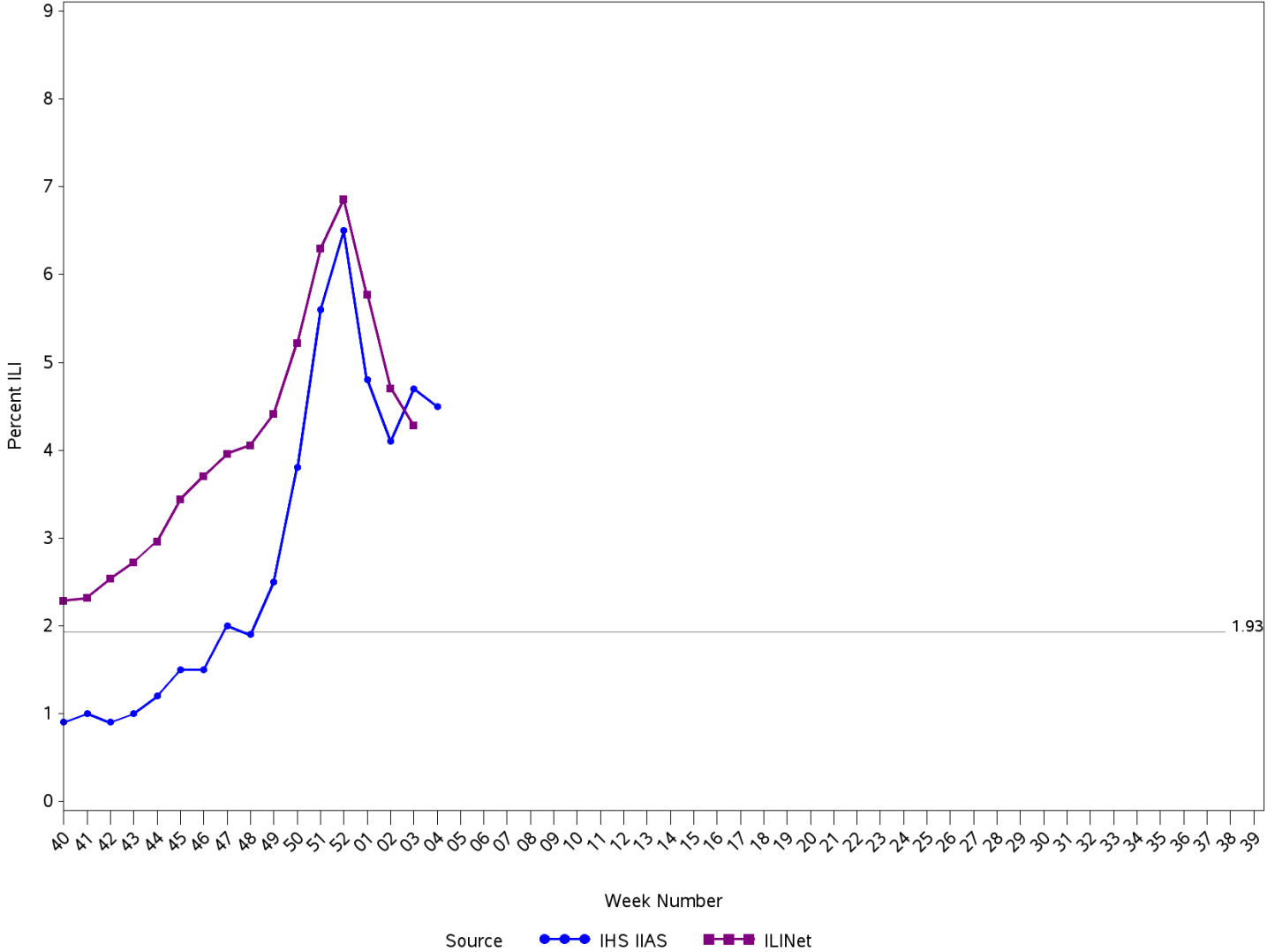
by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2023-2024 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 1/27/24 (Week 4)



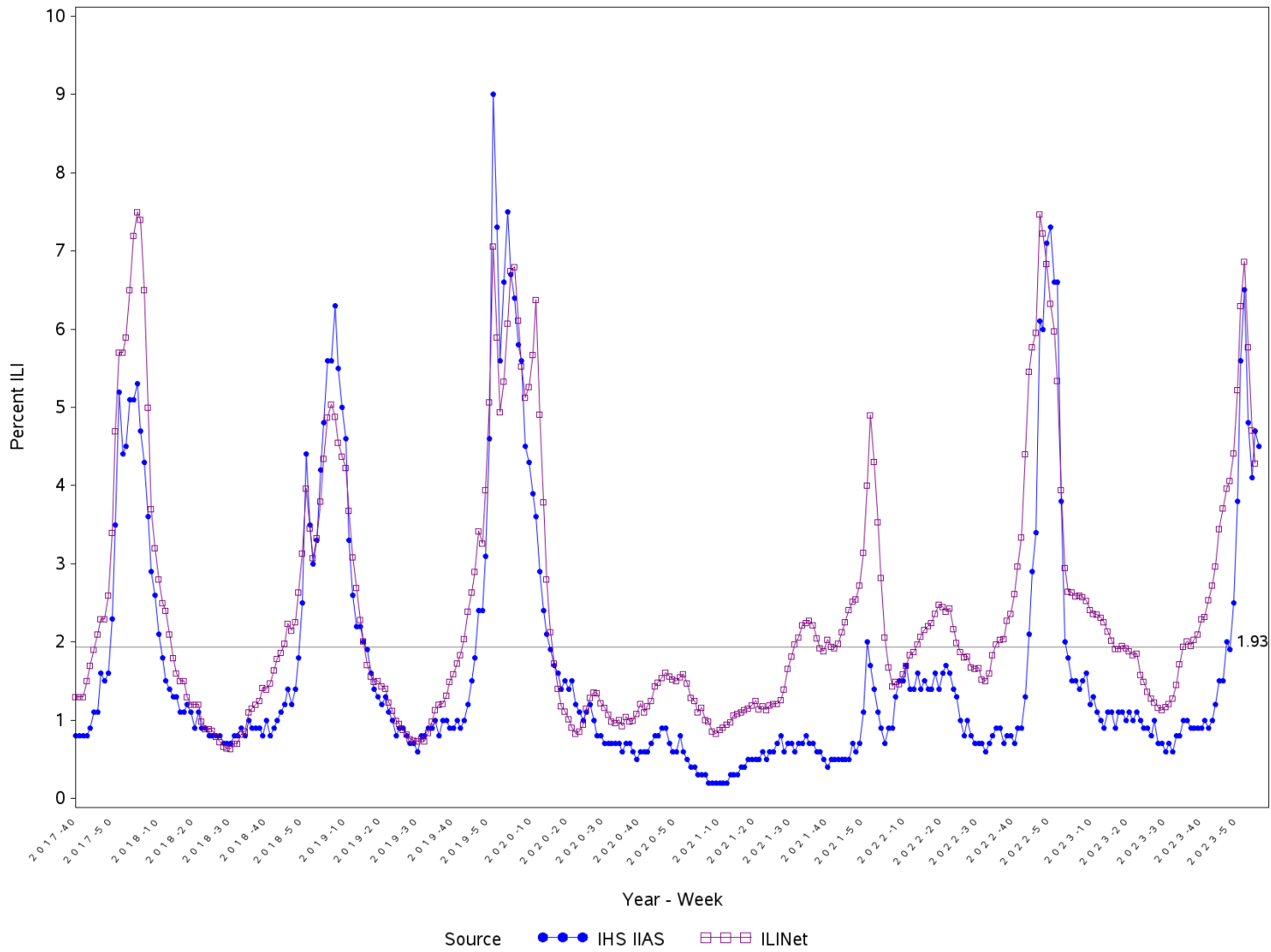
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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
1/21/24 through 1/27/24 (Week 4)



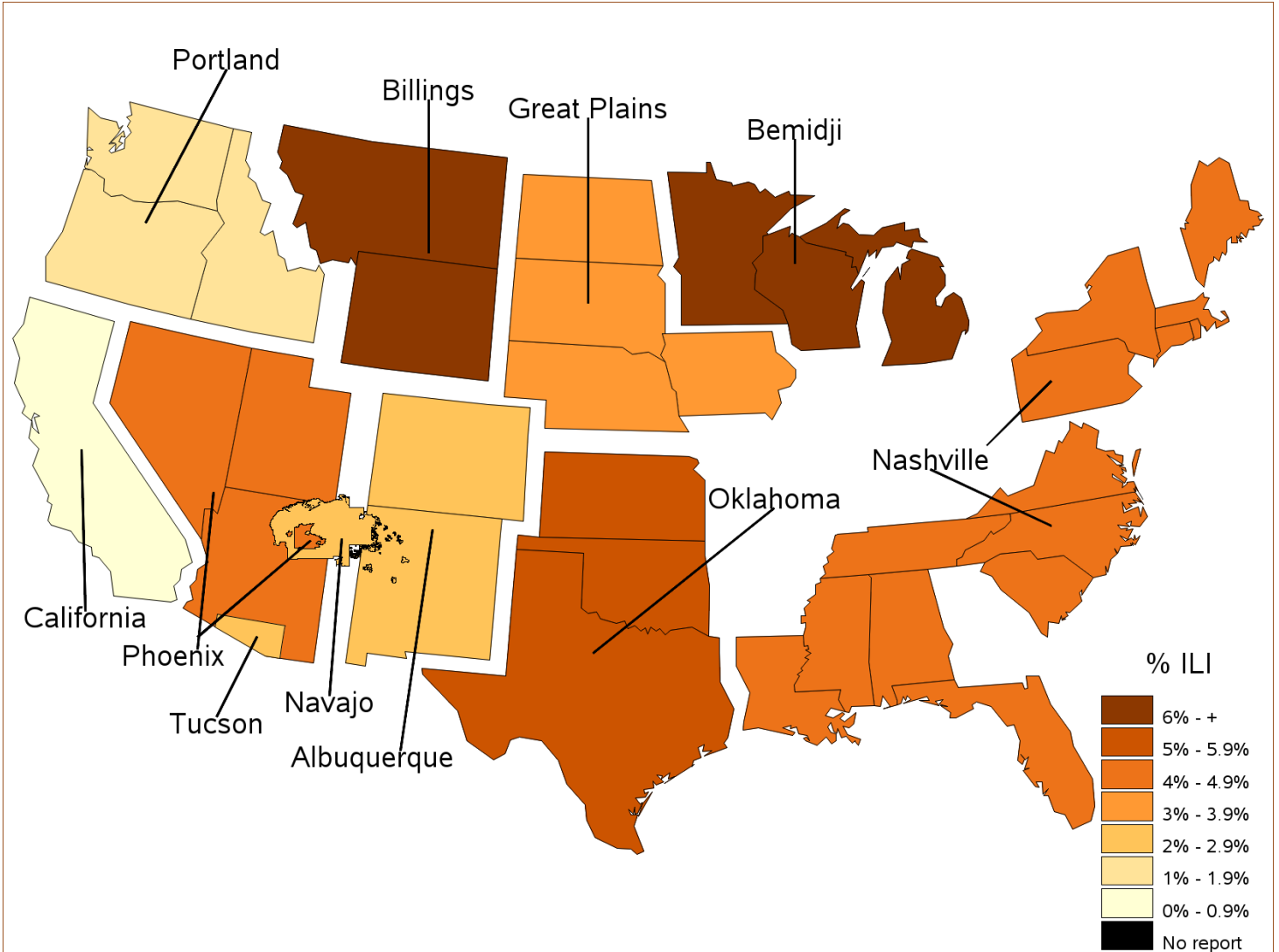
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 1/27/24 (Week 4)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 1/27/24 (Week 4)

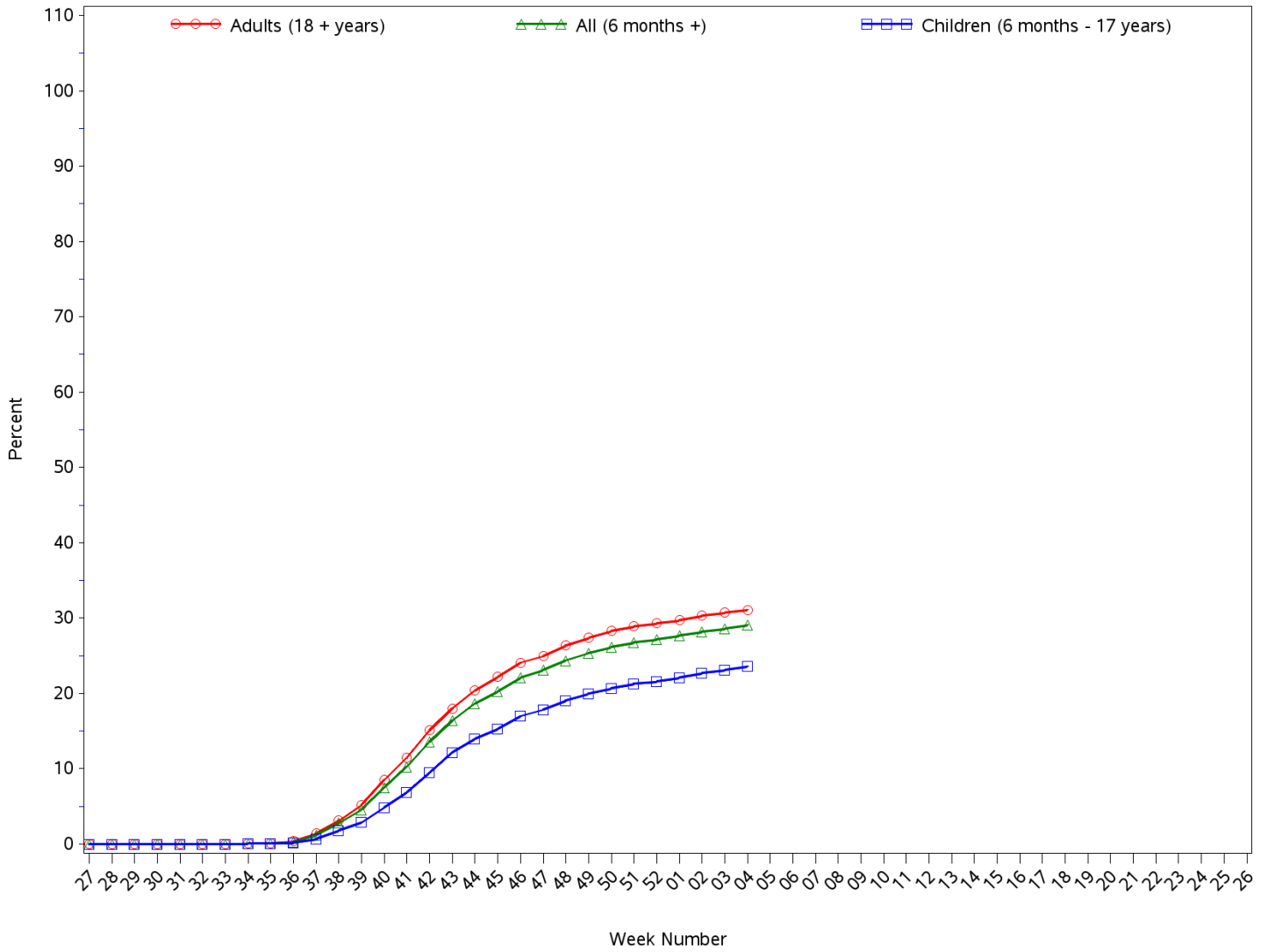
Area	Previous Week (3)	Current Week (4)
NATIONAL	4.7	4.5
ALBUQUERQUE	2.1	2.0
BEMIDJI	8.8	8.5
BILLINGS	10.3	8.1
CALIFORNIA	0.8	0.6
GREAT PLAINS	5.9	3.8
NASHVILLE	6.5	4.6
NAVAJO	1.7	2.4
OKLAHOMA	4.9	5.3
PHOENIX	5.3	4.6
PORTLAND	1.7	1.8
TUCSON	1.8	2.9

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

IHS Influenza Vaccination Surveillance

As of 1/27/2024, sites reporting to the IIAS have administered 192,822 (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 1/27/24 (Week 4)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 1/27/24 (Week 4)

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	21	0.9	1	0.0	23
6 - 23 months	11,963	4,139	34.6	941	7.9	5,239
2 - 4 years	31,846	5,620	17.6	125	0.4	5,897
5 - 17 years	131,667	31,695	24.1	142	0.1	32,560
18 - 49 years	267,026	57,049	21.4	243	0.1	58,986
50 - 64 years	116,788	44,061	37.7	203	0.2	45,219
65 + years	82,087	43,964	53.6	227	0.3	44,921
Children (6 months - 17 years)	175,476	41,454	23.6	1,208	0.7	43,696
Adults (18 + years)	465,901	145,074	31.1	673	0.1	149,126
All (6 months +)	641,377	186,528	29.1	1,881	0.3	192,822

* 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 1/27/24 (Week 4)**

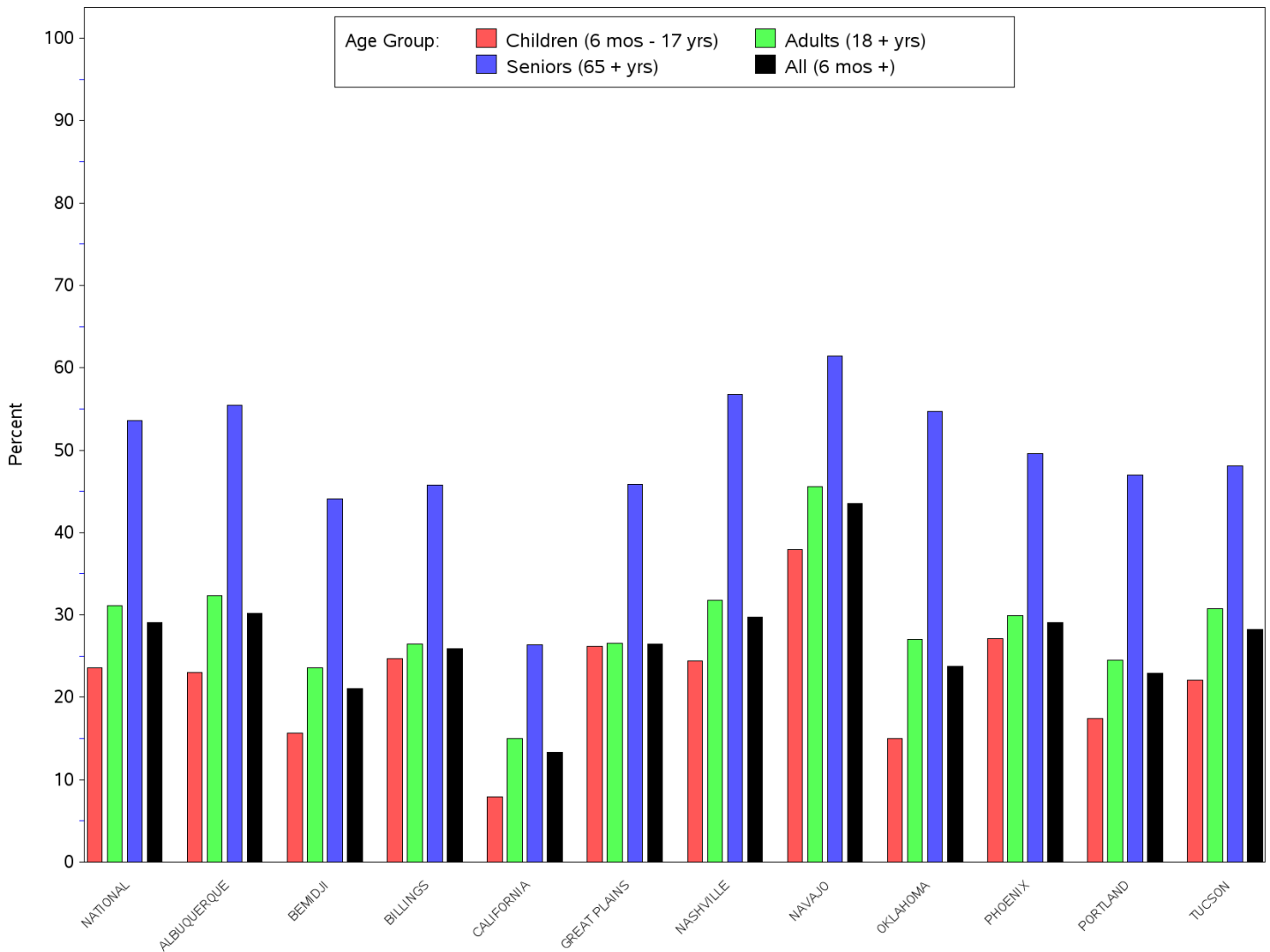
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	64	46	17	11,339	1	1,175	0	18	1	157	21	36	4,246	18	56	227	17,422
BEM	18	2	47	2,919	0	234	0	0	0	165	1	4	1,019	5	17	206	4,637
BIL	249	3	98	7,697	0	1,893	0	3	0	49	4	1	1,576	16	95	211	11,895
CAO	67	0	4	719	0	185	0	0	3	282	0	97	185	14	13	64	1,633
GPA	418	3	94	8,328	0	2,816	0	10	0	105	1	76	1,561	32	82	476	14,002
NSA	116	18	6	7,528	0	182	0	1	0	177	4	6	1,834	126	117	280	10,395
NAV	46	15	12	39,193	0	1,542	0	20	0	188	13	59	11,743	41	53	282	53,207
OKC	358	60	368	31,377	0	1,823	0	9	0	350	27	124	11,046	83	83	1,686	47,394
PHX	42	18	0	13,962	0	5,064	0	2	0	605	10	6	3,524	11	93	298	23,635
POR	24	1	54	3,005	1	360	0	0	0	1,051	7	1	1,497	9	9	91	6,110
TUC	3	0	0	3,456	0	21	0	2	0	10	1	5	504	0	7	9	4,018
Total	1,405	166	700	129,523	2	15,295	0	65	4	3,139	89	415	38,735	355	625	3,830	194,348

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 1/27/24 (Week 4)



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 1/27/24 (Week 4)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	23.6	31.1	53.6	29.1
ALBUQUERQUE	23.0	32.3	55.5	30.2
BEMIDJI	15.7	23.6	44.1	21.1
BILLINGS	24.7	26.5	45.8	25.9
CALIFORNIA	7.9	15.0	26.4	13.3
GREAT PLAINS	26.2	26.6	45.9	26.5
NASHVILLE	24.4	31.8	56.8	29.7
NAVAJO	37.9	45.6	61.4	43.5
OKLAHOMA	15.0	27.0	54.7	23.8
PHOENIX	27.1	29.9	49.6	29.1
PORTLAND	17.4	24.5	47.0	22.9
TUCSON	22.1	30.8	48.1	28.2

Number of RPMS Databases Reporting For Week Ending 1/27/24 (Week 4)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	103	178
ALBUQUERQUE	13	20
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	7	10
GREAT PLAINS	11	19
NASHVILLE	20	28
NAVAJO	5	12
OKLAHOMA	20	38
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 1/27/24 (Week 4)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	174,603	176,341
Chart Review	869	883
Daily Hospitalization Data	0	0
Event (Historical)	14,518	14,679
Hospitalization	523	528
In Hospital	39	63
Telemedicine	101	102
Not Found	40	41
Observation	129	129
Nursing Home	39	39
Day Surgery	3	3
Telecommunications	33	37
Ancillary Package Daily Data	0	0
Total	190,897	192,845

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	21	21
	Outside IHS System	1	2
6 - 23 months	Within IHS System	3,903	4,830
	Outside IHS System	361	409
2 - 4 years	Within IHS System	5,455	5,580
	Outside IHS System	313	317
5 - 17 years	Within IHS System	31,117	31,254
	Outside IHS System	1,270	1,277
18 - 49 years	Within IHS System	53,231	53,457
	Outside IHS System	5,491	5,521
50 - 64 years	Within IHS System	40,970	41,139
	Outside IHS System	4,041	4,080
65 + years	Within IHS System	41,642	41,844
	Outside IHS System	3,041	3,073
Total		190,857	192,804