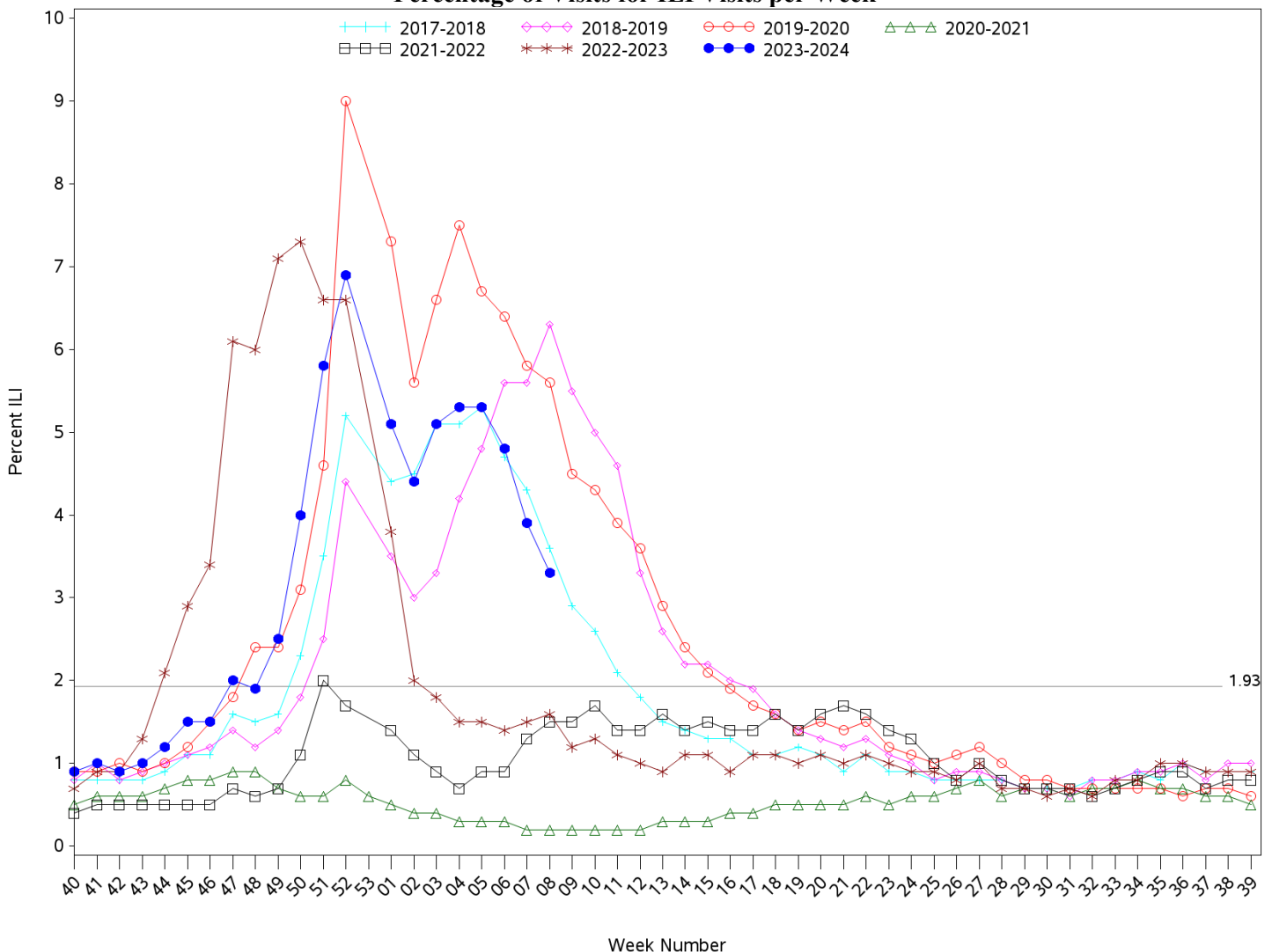




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 8: 2/18/2024 – 2/24/2024)

- IHS national Influenza-like illness (ILI) activity is high at 3.3%, 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 8 (4.4%) and above the ILINet baseline (2.9%).
- To date, IHS has administered 202,526 doses of influenza vaccine.
- Overall, 30.5% 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 IHS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined

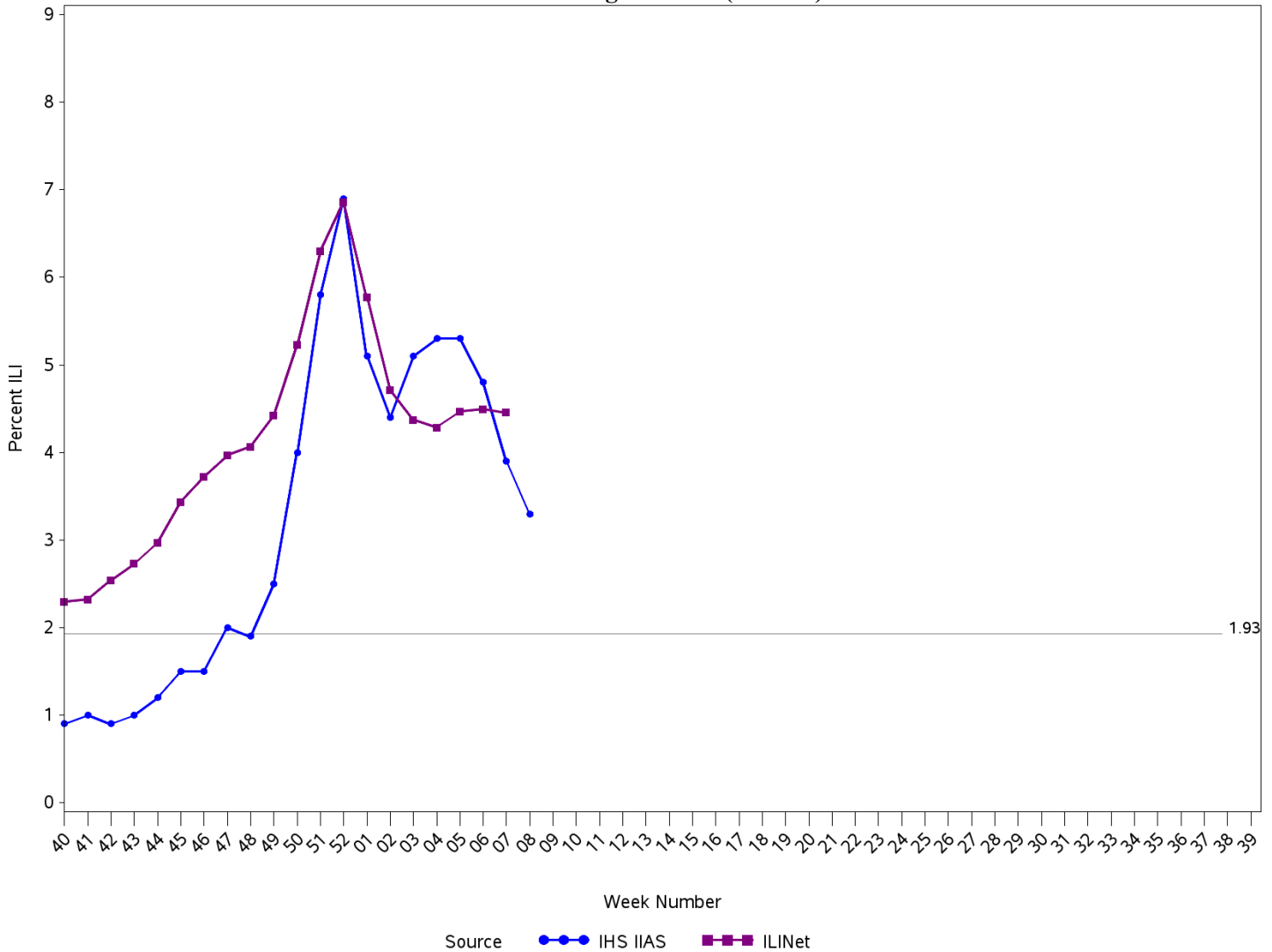
by CDC) for the previous four seasons plus two standard deviations.

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 2/24/24 (Week 8)



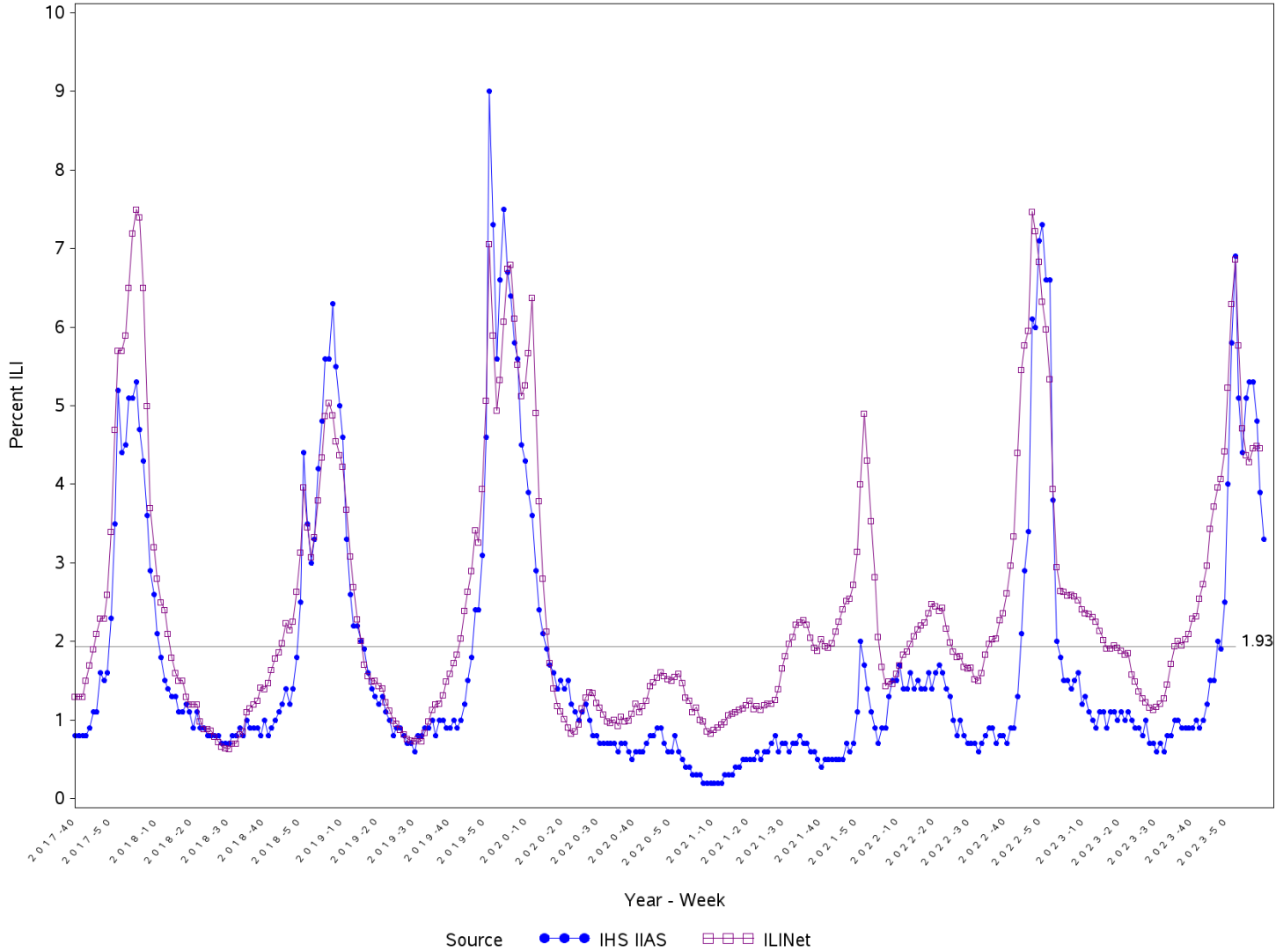
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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**



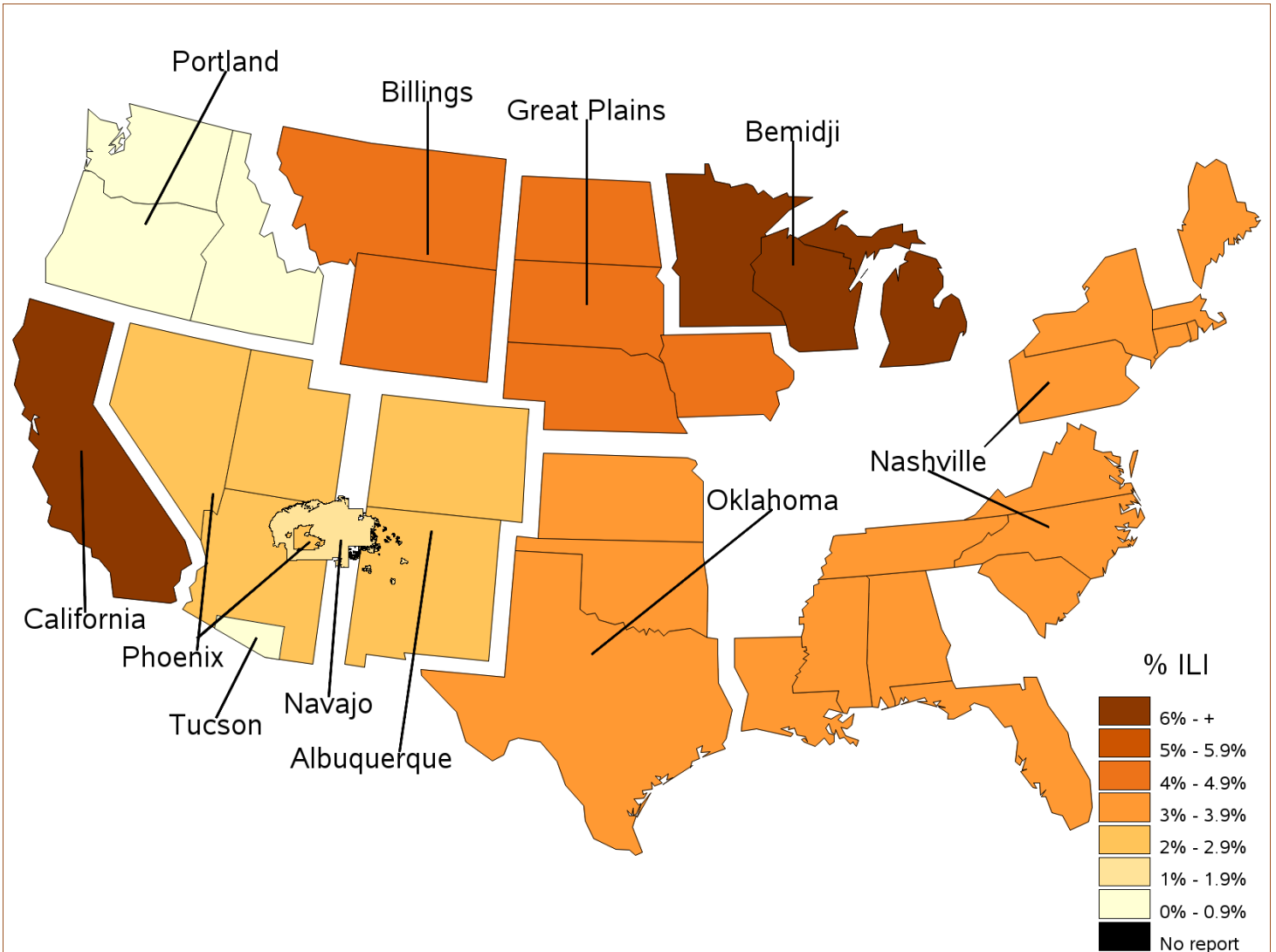
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 2/24/24 (Week 8)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 2/24/24 (Week 8)

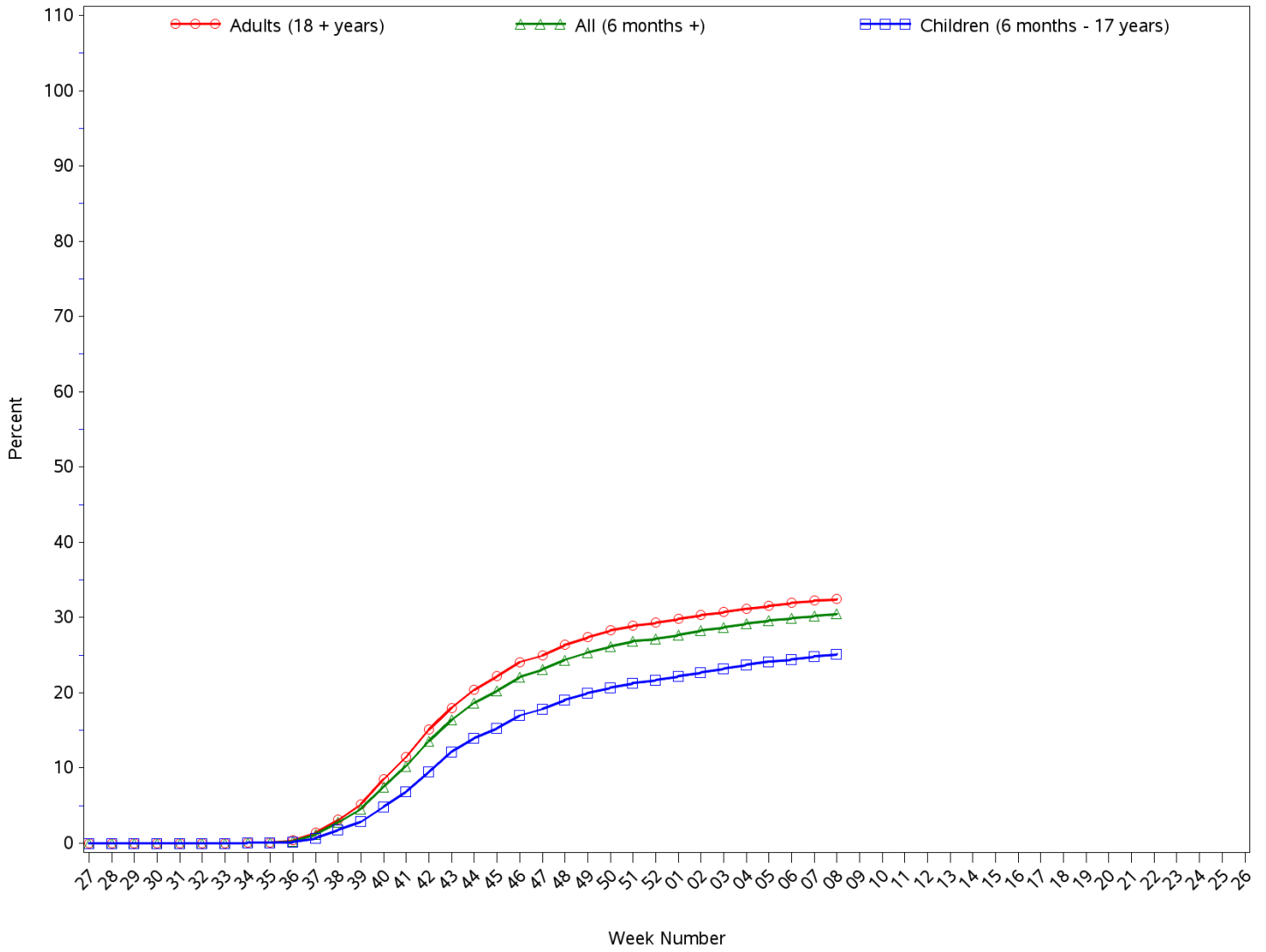
Area	Previous Week (7)	Current Week (8)
NATIONAL	3.9	3.3
ALBUQUERQUE	2.0	2.2
BEMIDJI	10.0	9.9
BILLINGS	5.9	4.7
CALIFORNIA	4.5	6.0
GREAT PLAINS	4.9	4.5
NASHVILLE	4.0	3.2
NAVAJO	1.4	1.6
OKLAHOMA	5.0	3.7
PHOENIX	2.7	2.2
PORTLAND	1.1	0.4
TUCSON	1.1	0.8

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

IHS Influenza Vaccination Surveillance

As of 2/24/2024, sites reporting to the IIAS have administered 202,526 (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 2/24/24 (Week 8)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 2/24/24 (Week 8)

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	22	0.9	1	0.0	24
6 - 23 months	11,963	4,596	38.4	1,252	10.5	6,044
2 - 4 years	31,846	6,125	19.2	171	0.5	6,472
5 - 17 years	131,667	33,444	25.4	166	0.1	34,393
18 - 49 years	267,026	60,085	22.5	280	0.1	62,185
50 - 64 years	116,788	45,884	39.3	222	0.2	47,114
65 + years	82,087	45,311	55.2	249	0.3	46,318
Children (6 months - 17 years)	175,476	44,165	25.2	1,589	0.9	46,909
Adults (18 + years)	465,901	151,280	32.5	751	0.2	155,617
All (6 months +)	641,377	195,445	30.5	2,340	0.4	202,526

* 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 2/24/24 (Week 8)**

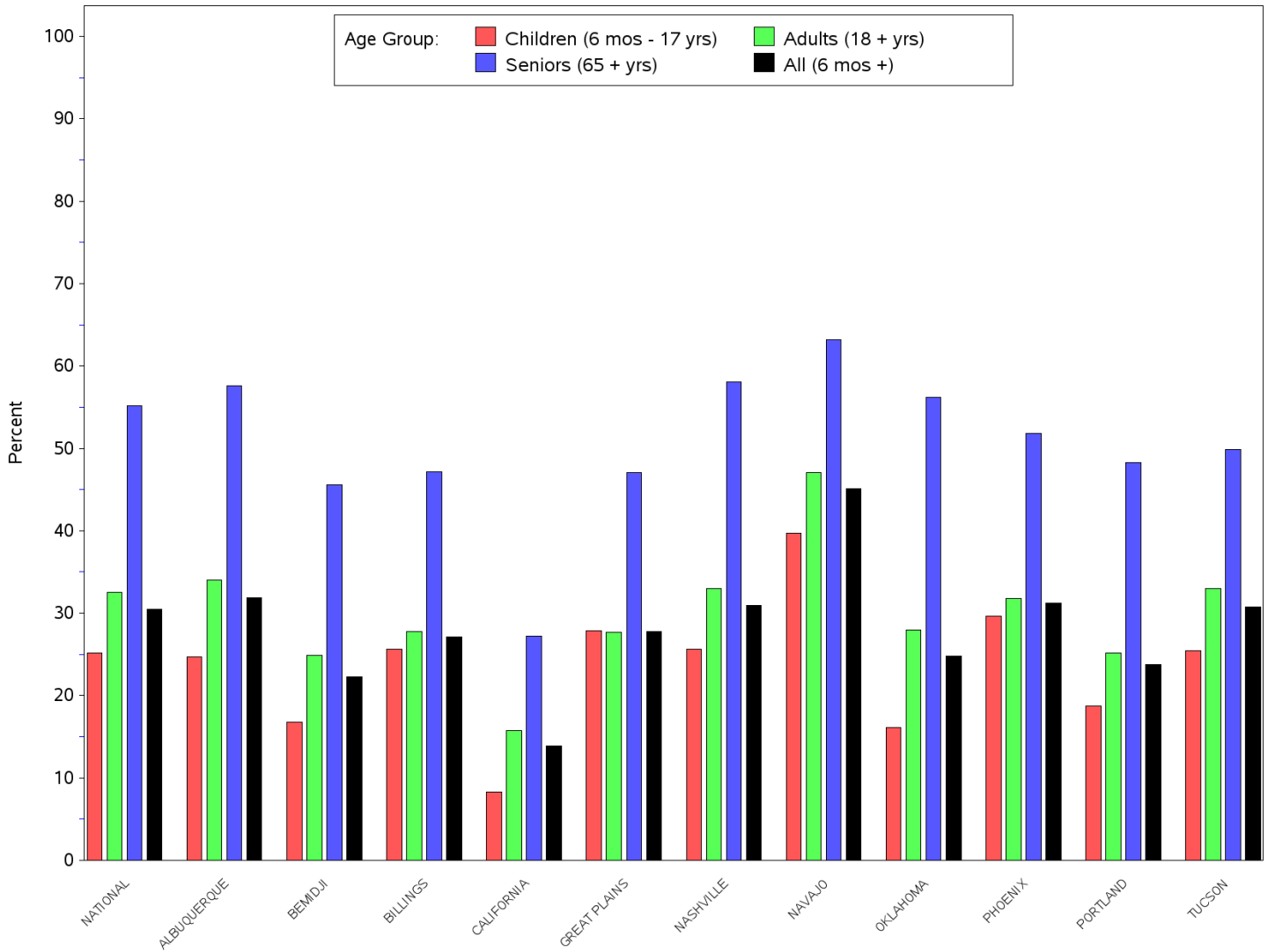
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- cclIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- cclIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	65	48	18	12,079	1	1,264	0	18	1	167	21	38	4,403	19	59	235	18,436
BEM	18	2	47	3,147	0	234	0	0	0	173	1	4	1,052	5	17	212	4,912
BIL	257	3	99	8,154	0	1,963	0	3	0	52	4	3	1,617	16	95	227	12,493
CAO	68	0	5	753	0	197	0	0	3	305	0	98	192	15	16	67	1,719
GPA	437	3	94	8,795	0	3,026	0	10	0	111	1	76	1,608	33	85	484	14,763
NSA	116	18	6	7,893	0	186	0	1	0	182	4	6	1,871	126	119	299	10,827
NAV	46	16	12	40,756	0	1,673	0	20	0	196	13	61	12,095	44	53	293	55,278
OKC	367	62	397	33,045	0	1,904	0	10	0	371	27	125	11,298	84	90	1,753	49,533
PHX	45	18	0	15,154	0	5,458	0	3	0	664	10	7	3,628	11	104	320	25,422
POR	24	2	54	3,153	1	370	0	0	0	1,092	7	1	1,535	9	11	95	6,354
TUC	4	0	0	3,805	0	22	0	2	0	11	1	5	524	0	19	12	4,405
Total	1,447	172	732	136,734	2	16,297	0	67	4	3,324	89	424	39,823	362	668	3,997	204,142

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-cclIV3), 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 2/24/24 (Week 8)



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 2/24/24 (Week 8)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	25.2	32.5	55.2	30.5
ALBUQUERQUE	24.7	34.0	57.6	31.9
BEMIDJI	16.8	24.9	45.6	22.3
BILLINGS	25.6	27.8	47.2	27.1
CALIFORNIA	8.3	15.8	27.2	13.9
GREAT PLAINS	27.9	27.7	47.1	27.8
NASHVILLE	25.6	33.0	58.1	30.9
NAVAJO	39.7	47.1	63.2	45.1
OKLAHOMA	16.1	28.0	56.2	24.8
PHOENIX	29.6	31.8	51.8	31.2
PORTLAND	18.7	25.2	48.3	23.8
TUCSON	25.4	33.0	49.9	30.8

Number of RPMS Databases Reporting For Week Ending 2/24/24 (Week 8)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	102	176
ALBUQUERQUE	13	20
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	7	10
GREAT PLAINS	10	18
NASHVILLE	21	27
NAVAJO	5	12
OKLAHOMA	19	37
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 2/24/24 (Week 8)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	183,160	185,344
Chart Review	923	937
Daily Hospitalization Data	0	0
Event (Historical)	15,060	15,245
Hospitalization	576	584
In Hospital	43	71
Telemedicine	100	101
Not Found	40	41
Observation	144	144
Nursing Home	42	42
Day Surgery	3	3
Telecommunications	34	38
Ancillary Package Daily Data	0	0
Total	200,125	202,550

		# 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	2	3
6 - 23 months	Within IHS System	4,325	5,562
	Outside IHS System	422	482
2 - 4 years	Within IHS System	5,946	6,118
	Outside IHS System	349	354
5 - 17 years	Within IHS System	32,840	32,998
	Outside IHS System	1,356	1,366
18 - 49 years	Within IHS System	56,239	56,502
	Outside IHS System	5,642	5,675
50 - 64 years	Within IHS System	42,728	42,917
	Outside IHS System	4,157	4,197
65 + years	Within IHS System	42,926	43,146
	Outside IHS System	3,132	3,168
Total		200,085	202,509