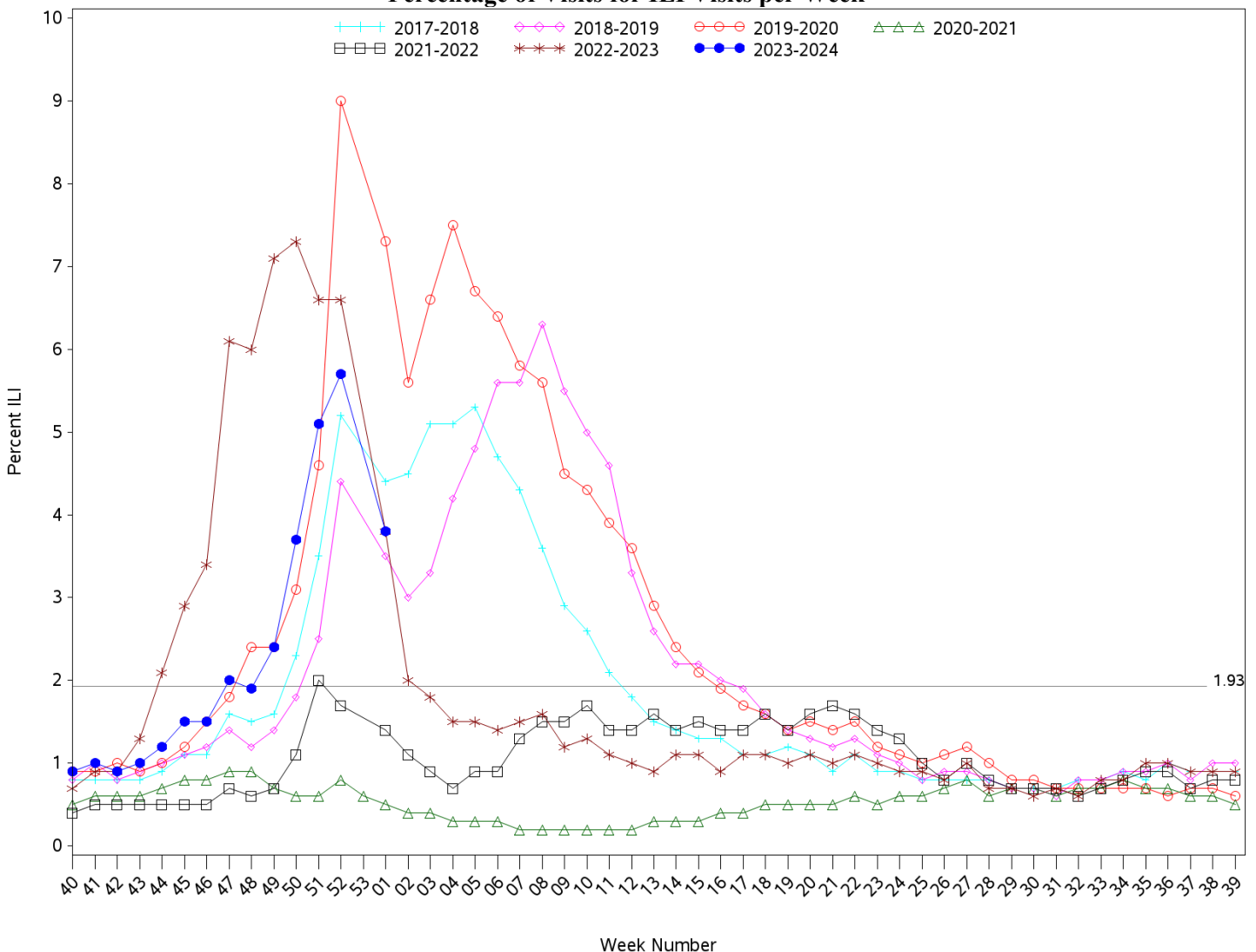




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
 (Week 1: 12/31/2023 – 1/6/2024)

- IHS national Influenza-like illness (ILI) activity is high at 3.8%, above 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 1 (5.7%) and the ILINet baseline (2.9%).
- To date, IHS has administered 181,303 doses of influenza vaccine.
- Overall, 27.5% 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.

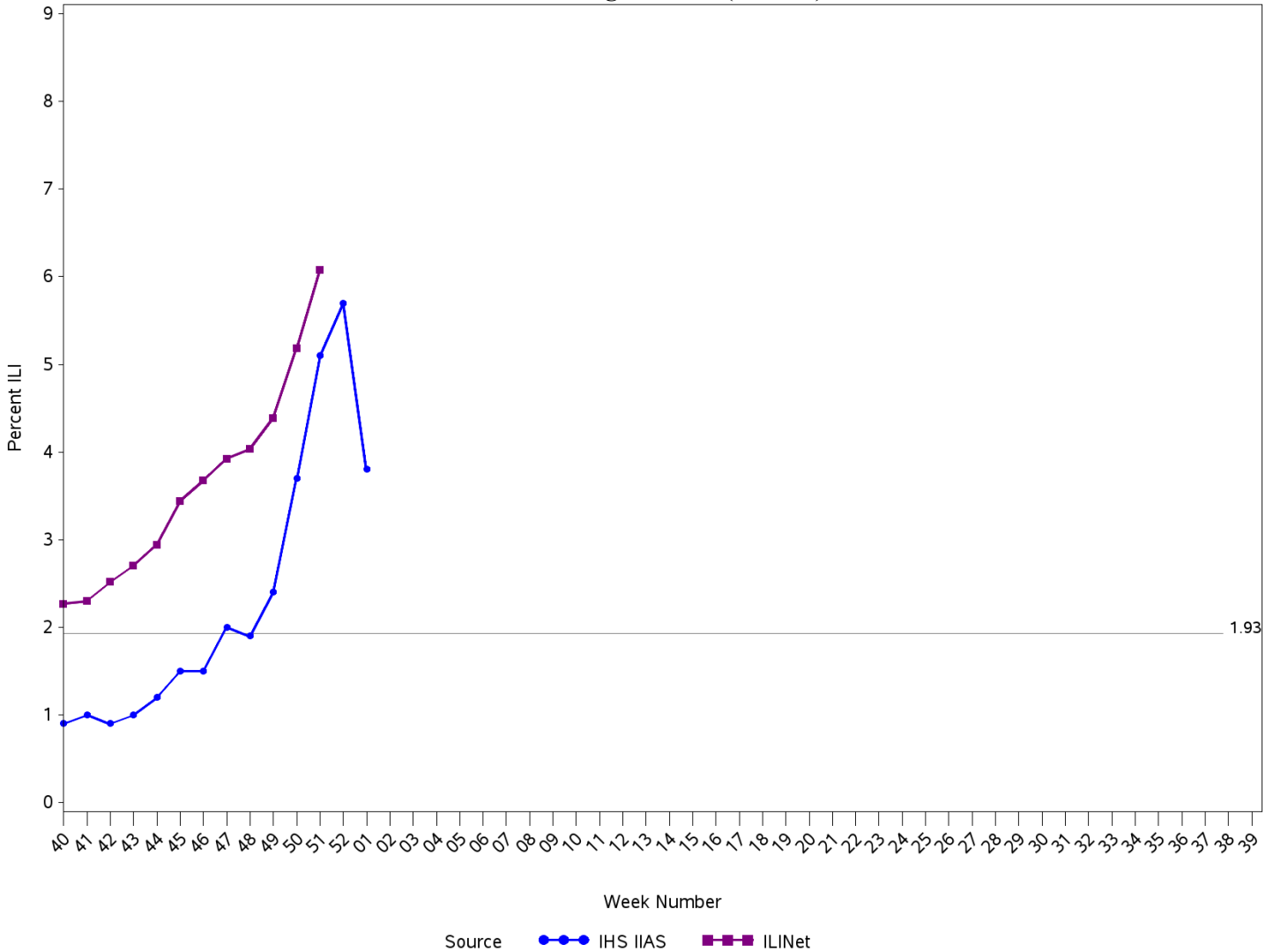
The horizontal line represents the 2022-2023 IAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2022-2023 IAS baseline. The ILINet baseline value for 2022-2023 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 1/06/24 (Week 1)



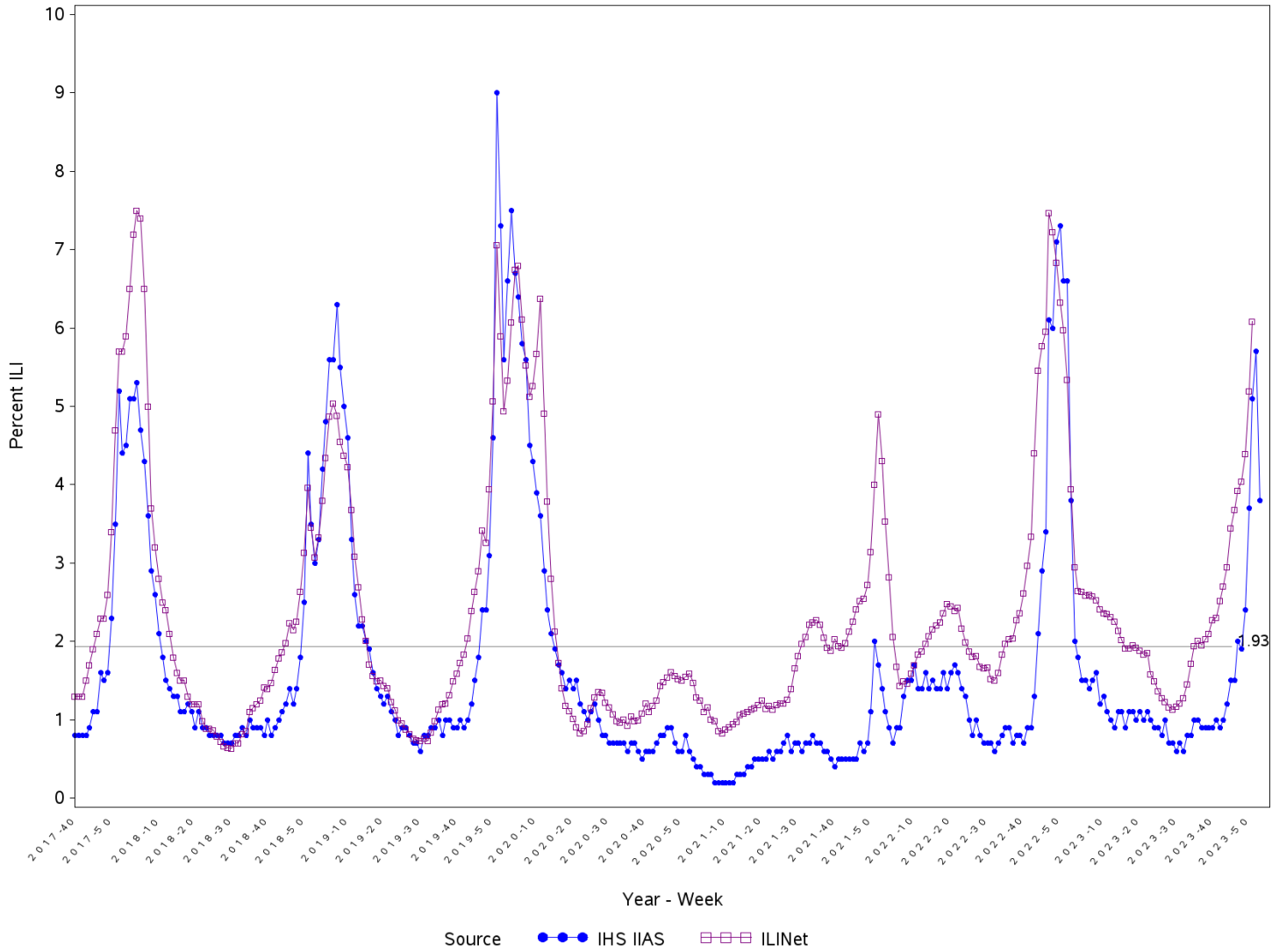
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2022-2023 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2022-2024 is 2.9.

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
12/31/23 through 1/06/24 (Week 1)



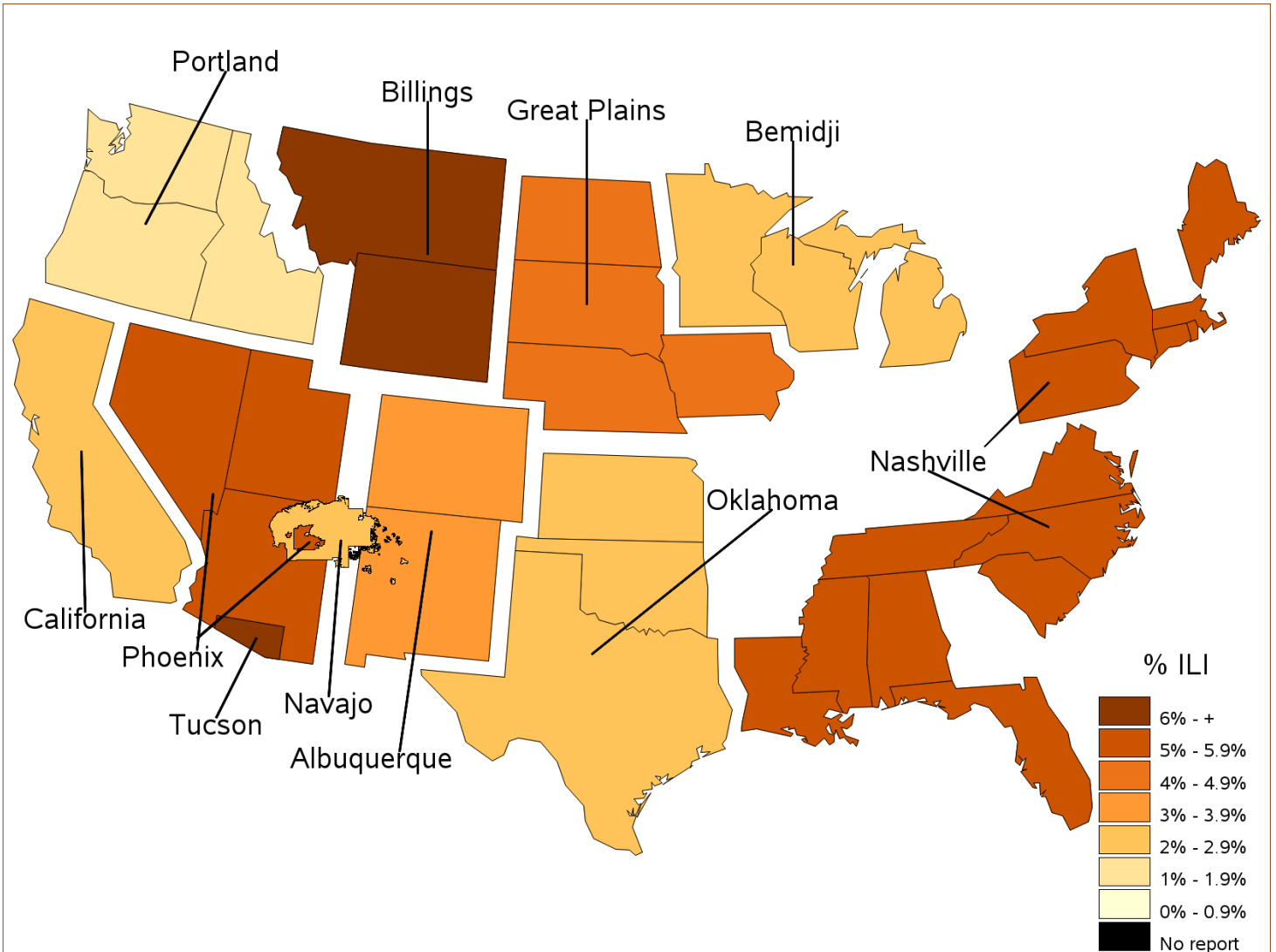
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2022-2023 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2022-2024 is 2.9.

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 1/06/24 (Week 1)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 1/06/24 (Week 1)

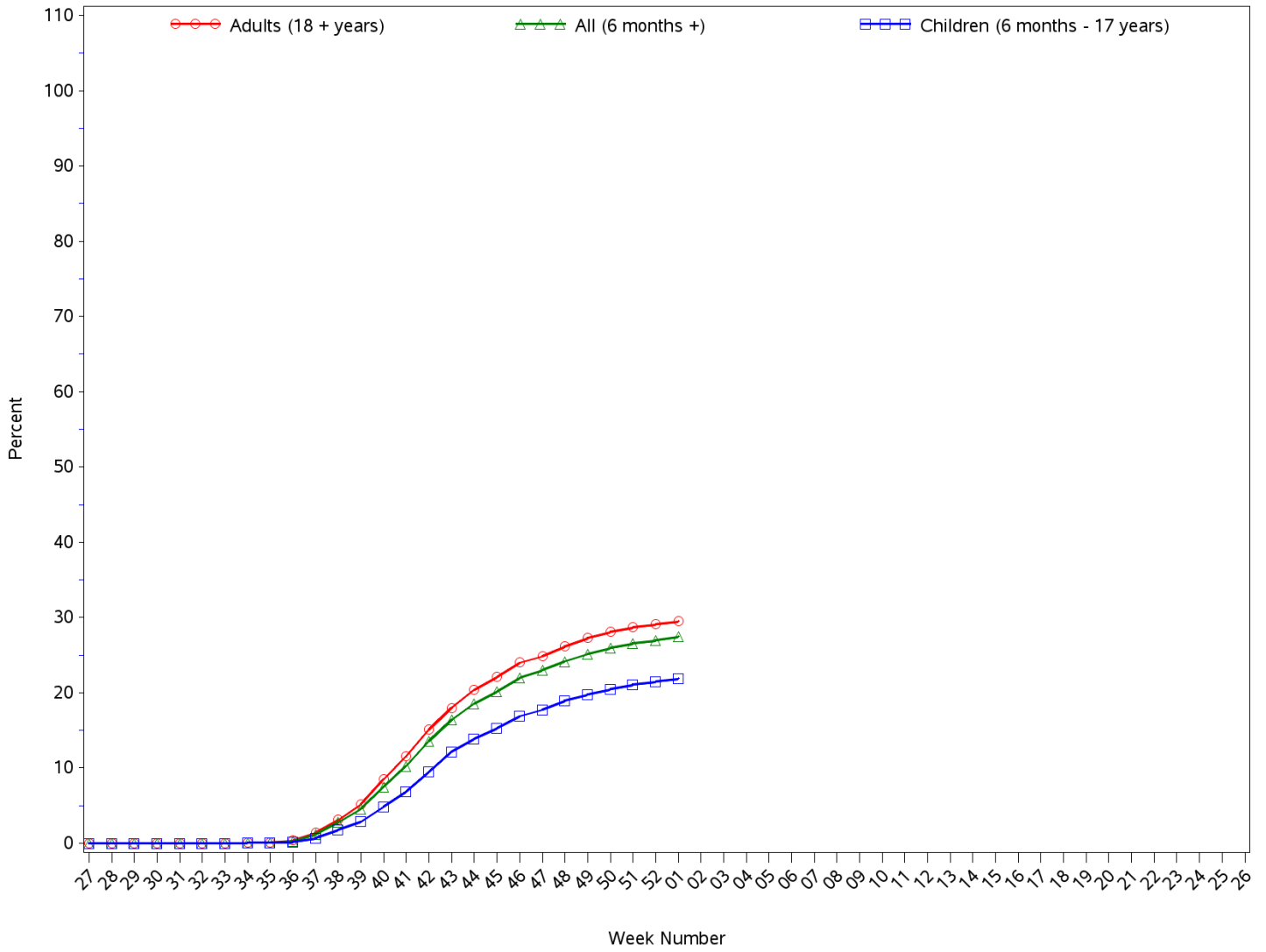
Area	Previous Week (52)	Current Week (1)
NATIONAL	5.7	3.8
ALBUQUERQUE	6.5	3.9
BEMIDJI	5.0	2.2
BILLINGS	6.7	6.3
CALIFORNIA	0.2	2.1
GREAT PLAINS	6.7	4.1
NASHVILLE	11.9	5.8
NAVAJO	5.5	2.9
OKLAHOMA	2.9	2.5
PHOENIX	8.2	5.1
PORTLAND	1.2	1.2
TUCSON	10.9	7.3

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

IHS Influenza Vaccination Surveillance

As of 1/6/2024, sites reporting to the IIAS have administered 181,303 (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 1/06/24 (Week 1)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 1/06/24 (Week 1)

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	19	0.8	1	0.0	21
6 - 23 months	11,963	3,681	30.8	653	5.5	4,466
2 - 4 years	31,833	5,002	15.7	96	0.3	5,222
5 - 17 years	131,534	29,742	22.6	120	0.1	30,500
18 - 49 years	266,687	53,576	20.1	211	0.1	55,331
50 - 64 years	116,561	41,764	35.8	181	0.2	42,834
65 + years	81,842	42,072	51.4	191	0.2	42,950
Children (6 months - 17 years)	175,330	38,425	21.9	869	0.5	40,188
Adults (18 + years)	465,090	137,412	29.5	583	0.1	141,115
All (6 months +)	640,420	175,837	27.5	1,452	0.2	181,303

* 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 1/06/24 (Week 1)**

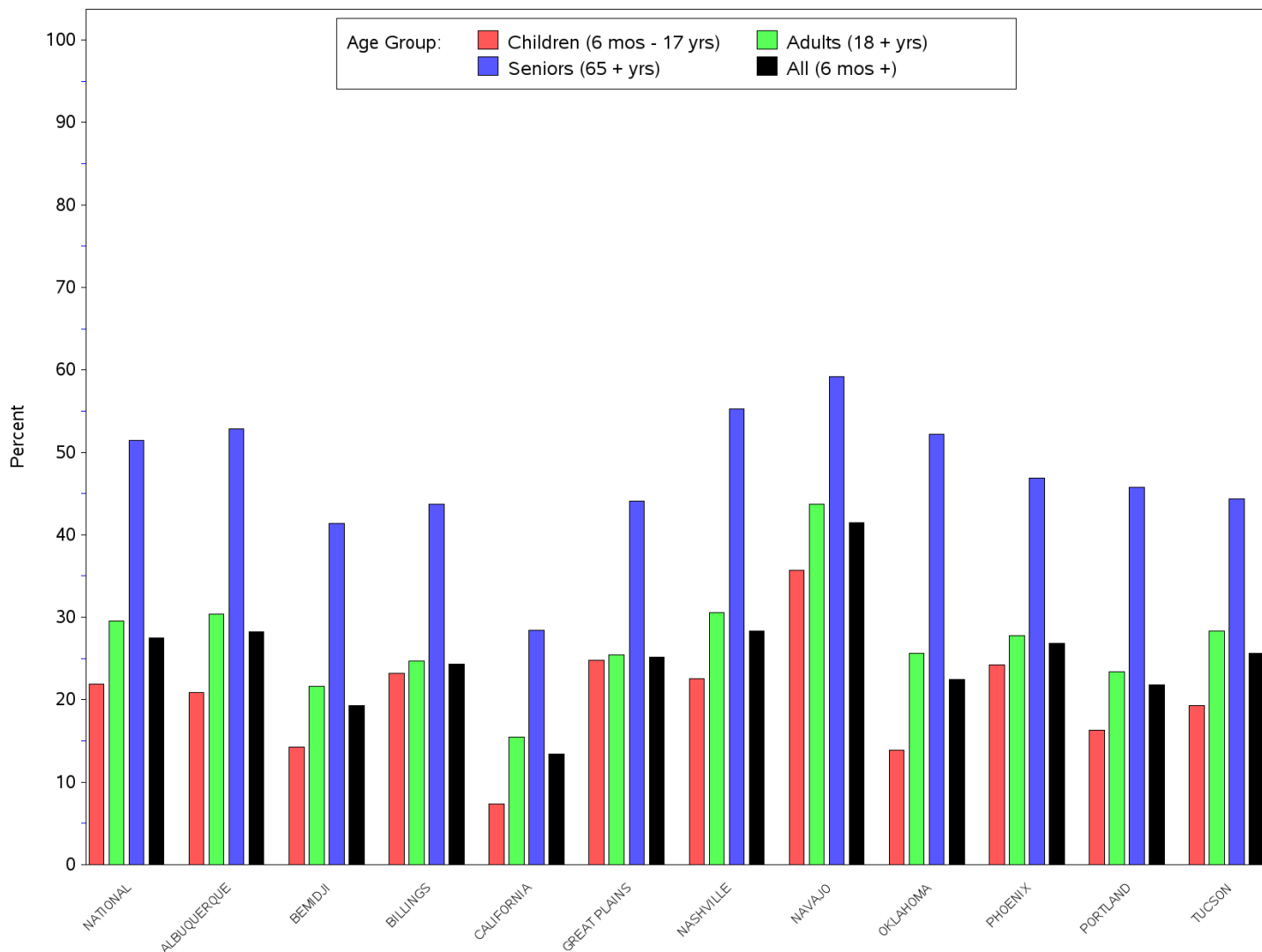
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- ccIIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	63	39	15	10,545	1	1,087	0	17	1	142	19	28	4,033	17	56	201	16,264
BEM	18	1	47	2,659	0	218	0	0	0	152	1	4	976	4	17	138	4,235
BIL	243	3	96	7,070	0	1,794	0	0	0	49	4	1	1,510	15	92	196	11,073
CAO	66	0	4	659	0	167	0	0	3	262	0	96	174	13	13	60	1,517
GPA	393	3	94	7,811	0	2,643	0	10	0	96	1	68	1,483	30	82	466	13,180
NSA	110	17	6	7,149	0	172	0	0	0	174	3	6	1,790	126	111	223	9,887
NAV	45	12	10	37,160	0	1,455	0	20	0	182	13	54	11,365	41	50	258	50,665
OKC	349	57	354	29,443	0	1,735	0	7	0	315	27	122	10,595	75	77	1,538	44,694
PHX	41	18	0	12,588	0	4,741	0	1	0	560	9	3	3,390	9	80	268	21,708
POR	23	1	52	2,817	1	344	0	0	0	1,004	7	1	1,459	9	8	88	5,814
TUC	3	0	0	3,120	0	19	0	2	0	10	1	5	458	0	6	9	3,633
Total	1,354	151	678	121,021	2	14,375	0	57	4	2,946	85	388	37,233	339	592	3,445	182,670

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 1/06/24 (Week 1)



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 1/06/24 (Week 1)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	21.9	29.5	51.4	27.5
ALBUQUERQUE	20.9	30.4	52.8	28.2
BEMIDJI	14.3	21.6	41.4	19.3
BILLINGS	23.2	24.7	43.7	24.3
CALIFORNIA	7.4	15.5	28.4	13.4
GREAT PLAINS	24.8	25.4	44.1	25.2
NASHVILLE	22.6	30.6	55.3	28.3
NAVAJO	35.7	43.7	59.2	41.5
OKLAHOMA	13.9	25.6	52.2	22.5
PHOENIX	24.2	27.8	46.9	26.8
PORTLAND	16.3	23.4	45.8	21.8
TUCSON	19.3	28.3	44.4	25.6

Number of RPMS Databases Reporting for Week Ending 1/06/24 (Week 1)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	102	172
ALBUQUERQUE	13	19
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	6	9
GREAT PLAINS	11	19
NASHVILLE	21	26
NAVAJO	5	11
OKLAHOMA	19	37
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 1/06/24 (Week 1)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	164,894	166,229
Chart Review	833	846
Daily Hospitalization Data	0	0
Event (Historical)	13,265	13,391
Hospitalization	460	463
In Hospital	37	58
Telemedicine	96	97
Not Found	40	41
Observation	119	119
Nursing Home	39	39
Day Surgery	3	3
Telecommunications	34	38
Ancillary Package Daily Data	0	0
Total	179,820	181,324

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	19	19
	Outside IHS System	1	2
6 - 23 months	Within IHS System	3,505	4,150
	Outside IHS System	282	316
2 - 4 years	Within IHS System	4,877	4,973
	Outside IHS System	247	249
5 - 17 years	Within IHS System	29,300	29,419
	Outside IHS System	1,049	1,052
18 - 49 years	Within IHS System	49,991	50,189
	Outside IHS System	5,109	5,134
50 - 64 years	Within IHS System	38,861	39,011
	Outside IHS System	3,789	3,823
65 + years	Within IHS System	39,962	40,131
	Outside IHS System	2,788	2,815
Total		179,780	181,283