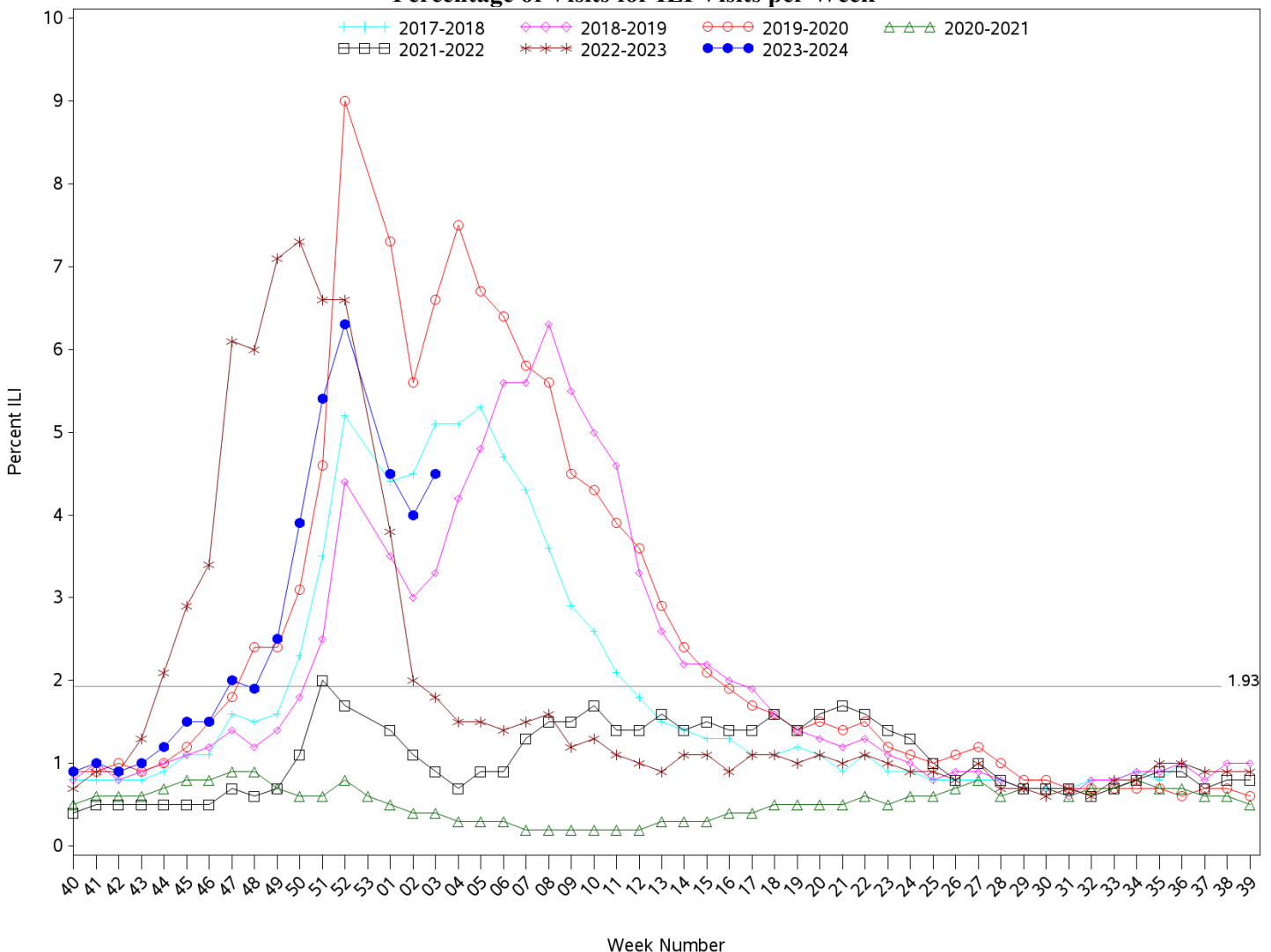




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 3: 1/14/2024 – 1/20/2024)

- IHS national Influenza-like illness (ILI) activity is high at 4.5%, above the IHS baseline of 1.93%
 - Four 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 3 (4.3%) and the ILINet baseline (2.9%).
- To date, IHS has administered 188, 783 doses of influenza vaccine.
- Overall, 28.5% 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

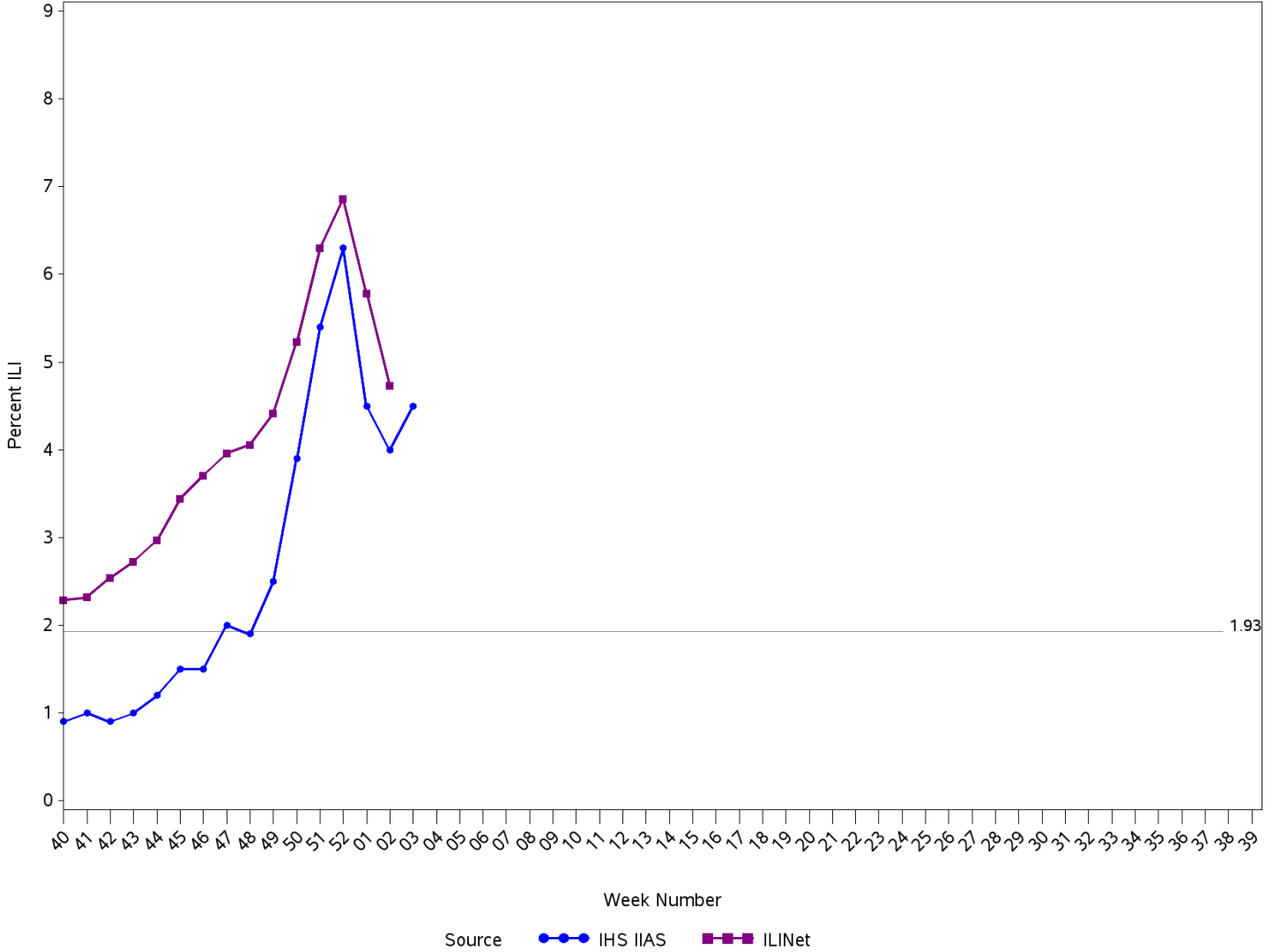
by CDC) for the previous four seasons plus two standard deviations.

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 1/20/24 (Week 3)



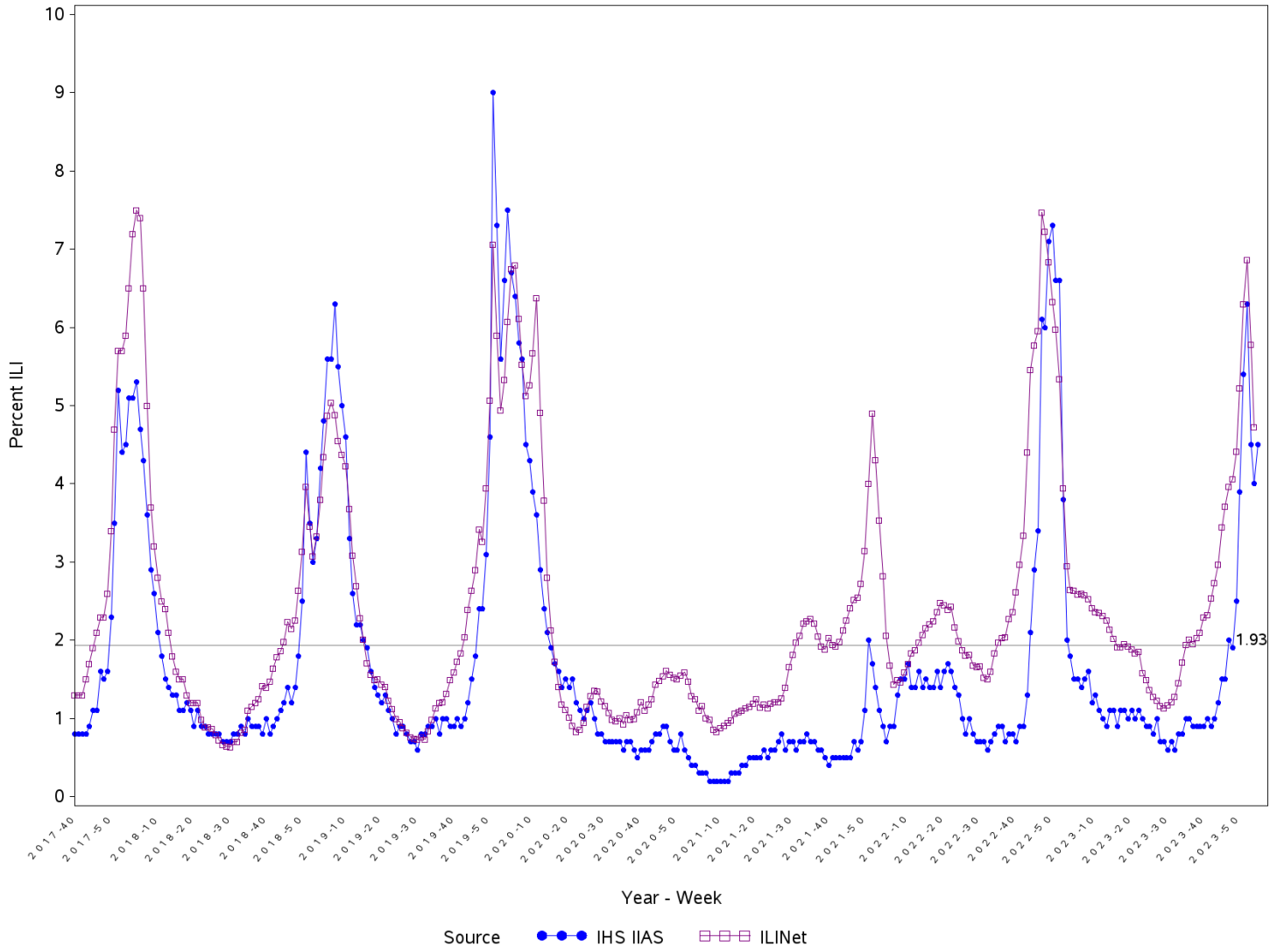
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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
1/07/24 through 1/20/24 (Week 3)**



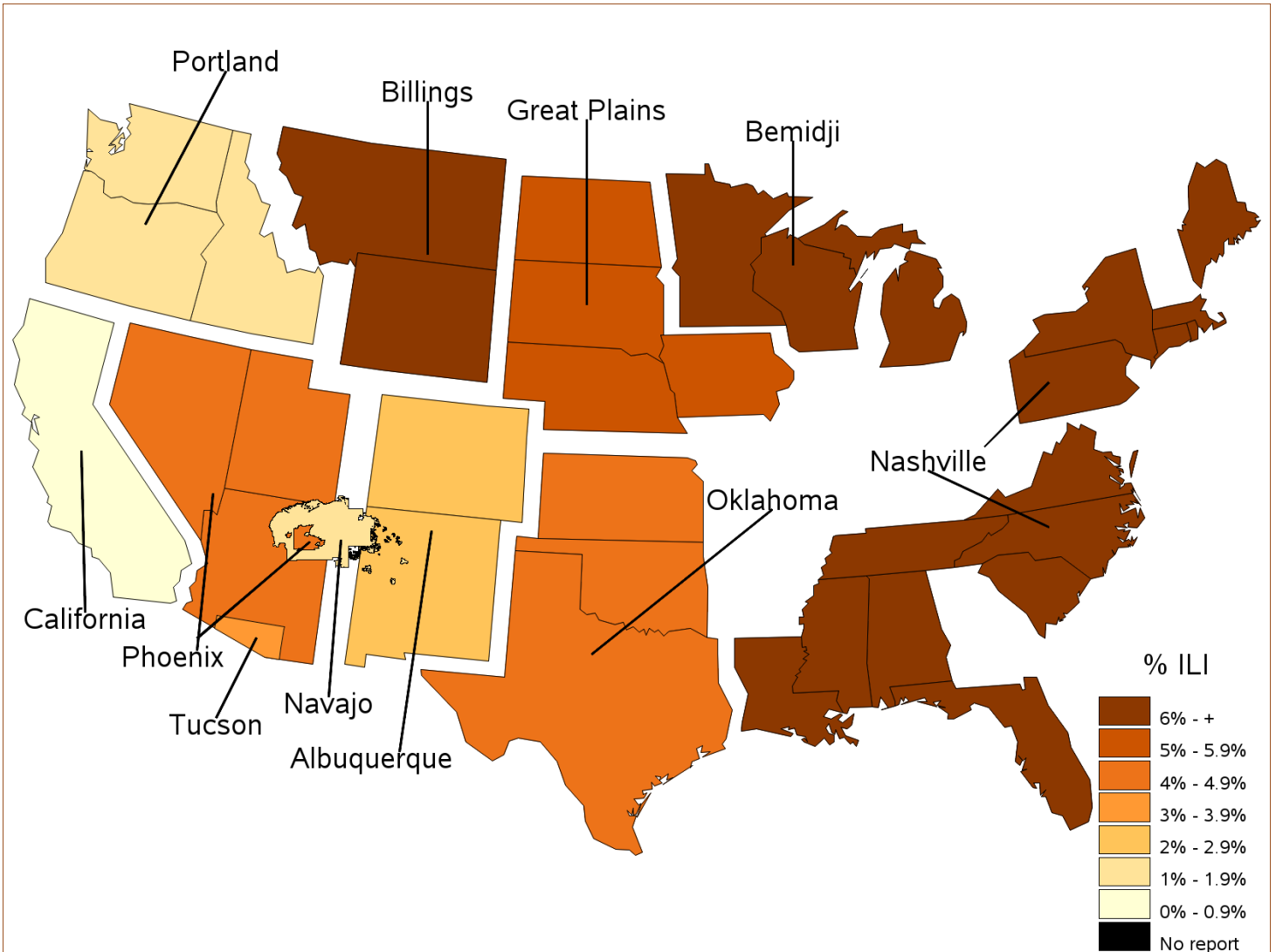
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 1/20/24 (Week 3)



Percent ILI Visits*
Current week compared to previous week
For Week Ending 1/20/24 (Week 3)

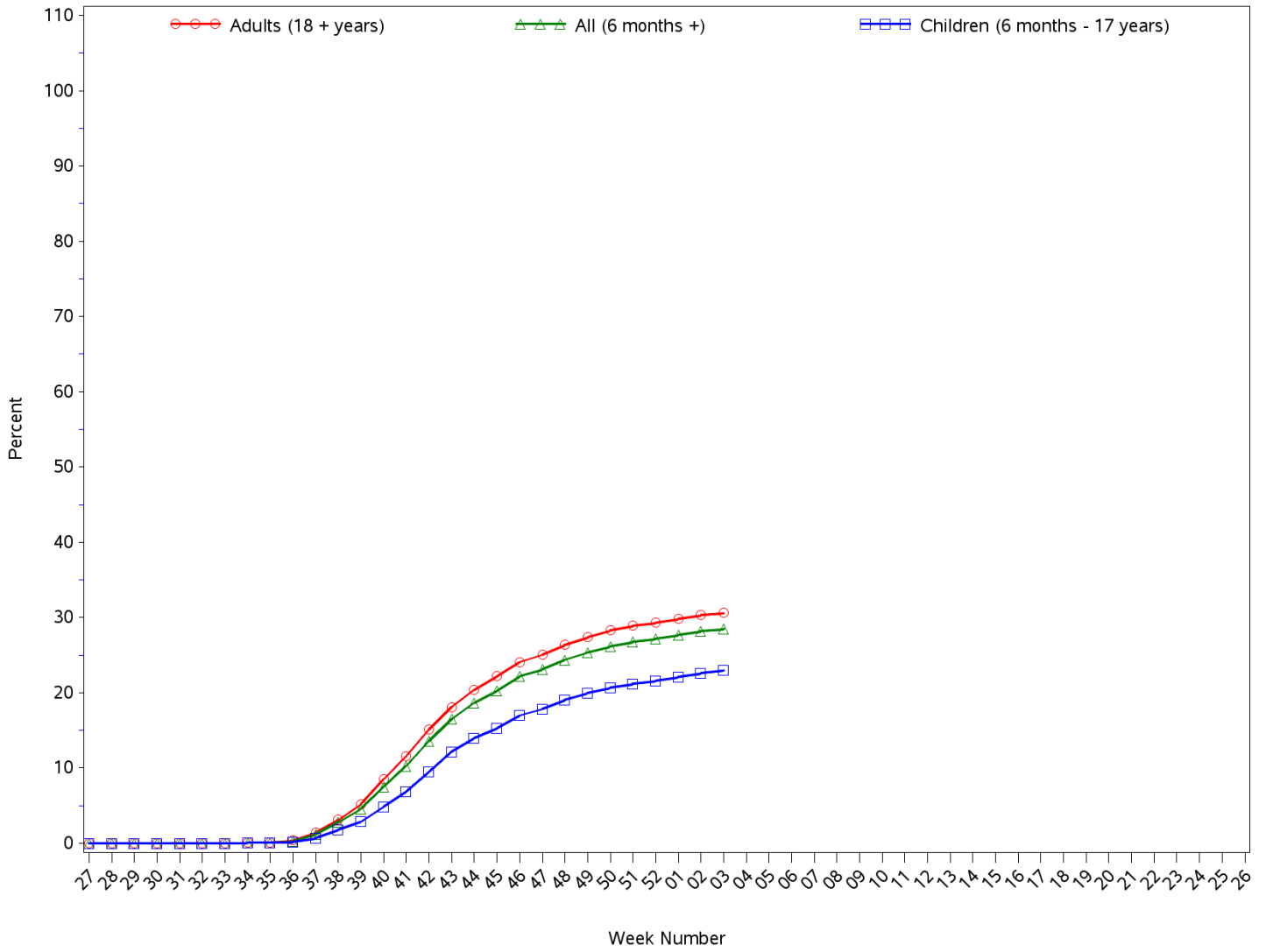
Area	Previous Week (2)	Current Week (3)
NATIONAL	4.0	4.5
ALBUQUERQUE	2.8	2.0
BEMIDJI	4.4	8.4
BILLINGS	7.5	9.8
CALIFORNIA	0.9	0.7
GREAT PLAINS	5.3	5.5
NASHVILLE	5.4	6.1
NAVAJO	2.5	1.6
OKLAHOMA	3.5	4.5
PHOENIX	4.5	4.9
PORTLAND	1.4	1.6
TUCSON	3.8	3.0

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

IHS Influenza Vaccination Surveillance

As of 1/20/2024, sites reporting to the IIAS have administered 188,783 (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 1/20/24 (Week 3)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/02/23 through 1/20/24 (Week 3)

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	20	0.8	1	0.0	22
6 - 23 months	11,963	3,968	33.2	824	6.9	4,940
2 - 4 years	31,833	5,345	16.8	114	0.4	5,604
5 - 17 years	131,534	31,050	23.6	138	0.1	31,886
18 - 49 years	266,687	55,756	20.9	231	0.1	57,652
50 - 64 years	116,561	43,276	37.1	194	0.2	44,410
65 + years	81,842	43,364	53.0	209	0.3	44,291
Children (6 months - 17 years)	175,330	40,363	23.0	1,076	0.6	42,430
Adults (18 + years)	465,090	142,396	30.6	634	0.1	146,353
All (6 months +)	640,420	182,759	28.5	1,710	0.3	188,783

* 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 1/20/24 (Week 3)**

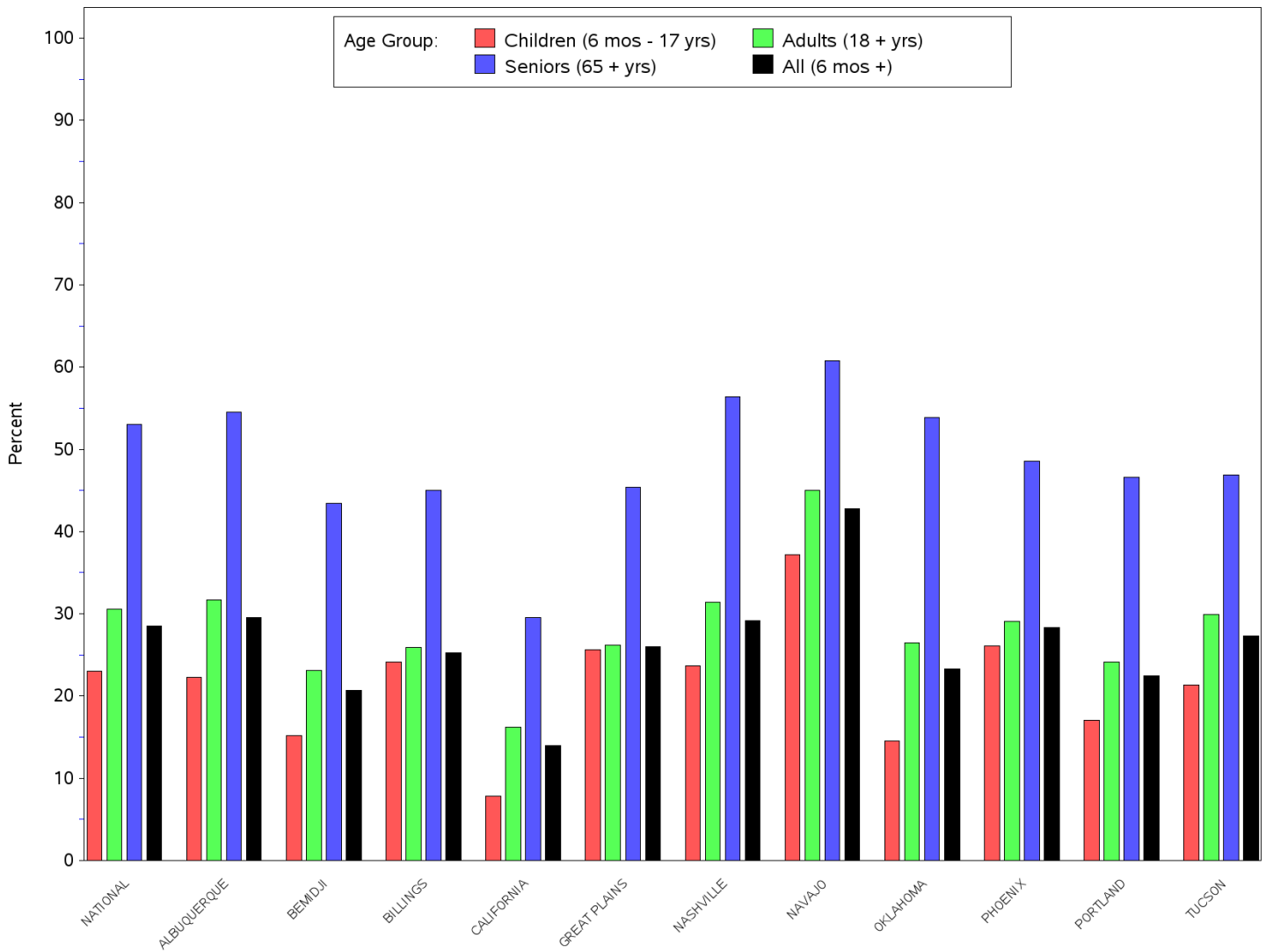
Area	CVX 135 FLU- HIGH	CVX 141 FLU- IIV3	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 155 FLU - RIV 3	CVX 158 FLU- IIV4	CV X 160 H5N 1 adj	CVX 161 IIV4 pf ped	CVX 168 FLU- IIV3ad	CVX 171 FLU- cclIV4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccIV4	CVX 197 FLU- IIV	CV X 205 FL U- aII V4	CPT Billing Codes+	INACTIVE CVX CODES*	Cumulative # of Doses Seasonal Flu
ALB	64	42	17	11,080	1	1,149	0	18	1	154	21	35	4,170	18	56	224	17,050
BEM	18	2	47	2,841	0	233	0	0	0	163	1	4	1,002	5	17	205	4,538
BIL	246	3	98	7,469	0	1,860	0	3	0	49	4	1	1,555	16	94	204	11,602
CAO	66	0	4	692	0	182	0	0	3	276	0	96	181	14	13	63	1,590
GPA	413	3	94	8,165	0	2,742	0	10	0	103	1	74	1,536	30	83	474	13,728
NSA	116	18	6	7,380	0	177	0	1	0	176	4	6	1,822	126	114	269	10,215
NAV	46	15	12	38,535	0	1,513	0	20	0	186	13	58	11,624	41	56	279	52,398
OKC	355	58	359	30,505	0	1,794	0	7	0	340	27	123	10,944	82	83	1,618	46,295
PHX	43	18	0	13,482	0	4,939	0	2	0	589	10	4	3,471	9	88	292	22,947
POR	24	1	52	2,948	1	354	0	0	0	1,041	7	1	1,485	9	9	89	6,021
TUC	3	0	0	3,339	0	21	0	2	0	10	1	5	486	0	6	9	3,882
Total	1,394	160	689	126,436	2	14,964	0	63	4	3,087	89	407	38,276	350	619	3,726	190,266

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 1/20/24 (Week 3)



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 1/20/24 (Week 3)

Area	Children (6 mos - 17 yrs)	Adults (18 + yrs)	Seniors (65 + yrs)	All (6 mos +)
NATIONAL	23.0	30.6	53.0	28.5
ALBUQUERQUE	22.3	31.7	54.5	29.5
BEMIDJI	15.2	23.1	43.4	20.7
BILLINGS	24.1	25.9	45.0	25.3
CALIFORNIA	7.8	16.2	29.5	14.0
GREAT PLAINS	25.6	26.2	45.4	26.0
NASHVILLE	23.7	31.4	56.4	29.2
NAVAJO	37.2	45.0	60.8	42.8
OKLAHOMA	14.5	26.5	53.9	23.3
PHOENIX	26.1	29.1	48.6	28.3
PORTLAND	17.1	24.1	46.6	22.5
TUCSON	21.3	29.9	46.9	27.3

Number of RPMS Databases Reporting For Week Ending 1/20/24 (Week 3)

Area	# of ITU Sites Reporting*	# of Facilities Reporting**
NATIONAL	102	173
ALBUQUERQUE	13	20
BEMIDJI	3	6
BILLINGS	9	16
CALIFORNIA	7	10
GREAT PLAINS	10	17
NASHVILLE	21	29
NAVAJO	5	12
OKLAHOMA	19	34
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 1/20/24 (Week 3)

Clinical Setting***	# of Patients Vaccinated*	Total # Doses Administered**
Ambulatory	171,075	172,656
Chart Review	846	860
Daily Hospitalization Data	0	0
Event (Historical)	14,235	14,377
Hospitalization	504	507
In Hospital	38	62
Telemedicine	98	99
Not Found	40	41
Observation	123	123
Nursing Home	39	39
Day Surgery	3	3
Telecommunications	34	38
Ancillary Package Daily Data	0	0
Total	187,035	188,805

		# of Patients Vaccinated*	Total # Doses Administered**
<i>Age Group</i>	<i>Clinical Setting***</i>		
0 - 5 months	Within IHS System	20	20
	Outside IHS System	1	2
6 - 23 months	Within IHS System	3,754	4,566
	Outside IHS System	333	374
2 - 4 years	Within IHS System	5,189	5,304
	Outside IHS System	298	300
5 - 17 years	Within IHS System	30,501	30,634
	Outside IHS System	1,216	1,223
18 - 49 years	Within IHS System	51,992	52,208
	Outside IHS System	5,408	5,436
50 - 64 years	Within IHS System	40,219	40,382
	Outside IHS System	3,992	4,028
65 + years	Within IHS System	41,085	41,273
	Outside IHS System	2,987	3,014
Total		186,995	188,764