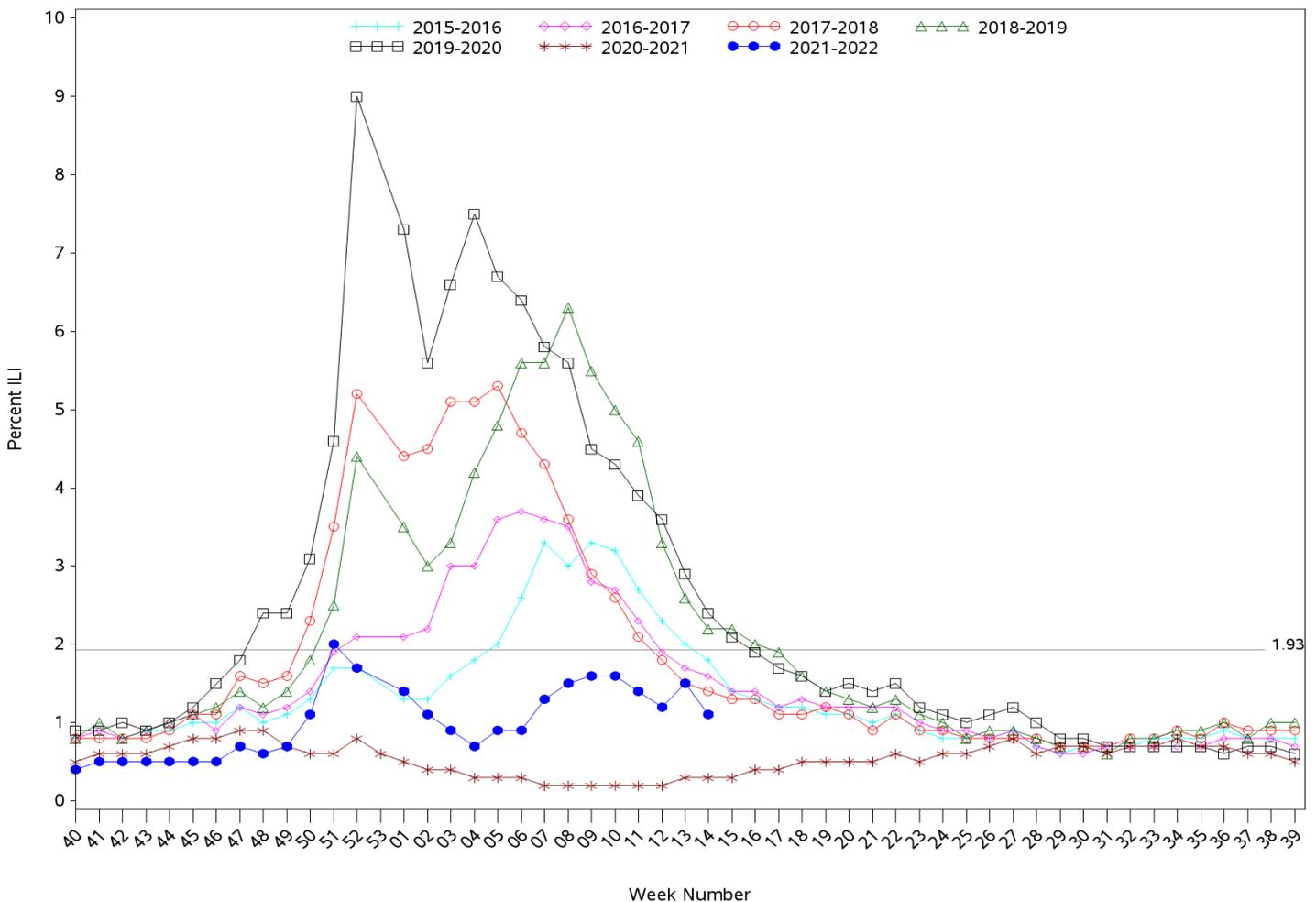




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 14: 04/03/2022 – 04/09/2022)

- IHS national Influenza-like illness (ILI) activity is low at 1.1%, below the IHS baseline of 1.93%
 - Nine out of eleven IHS Areas reported a decrease in ILI activity, while other IHS Areas reported having a slight increase in ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 14 (1.99%) below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 304,489 doses of influenza vaccine.
- Overall, 34.6% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.

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.

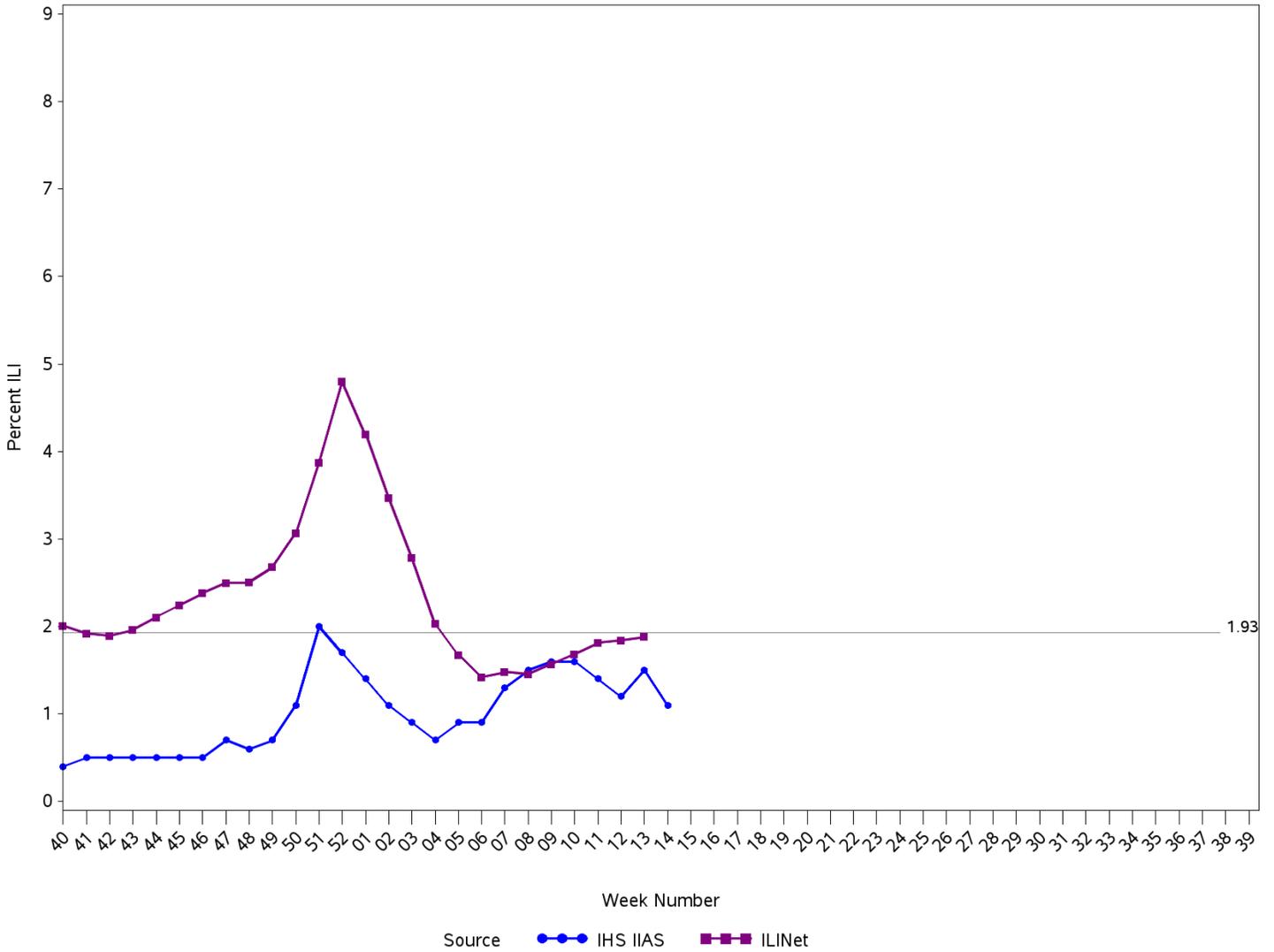
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2021-2022 IIAS baseline. The ILINet baseline value for 2021-2022 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.

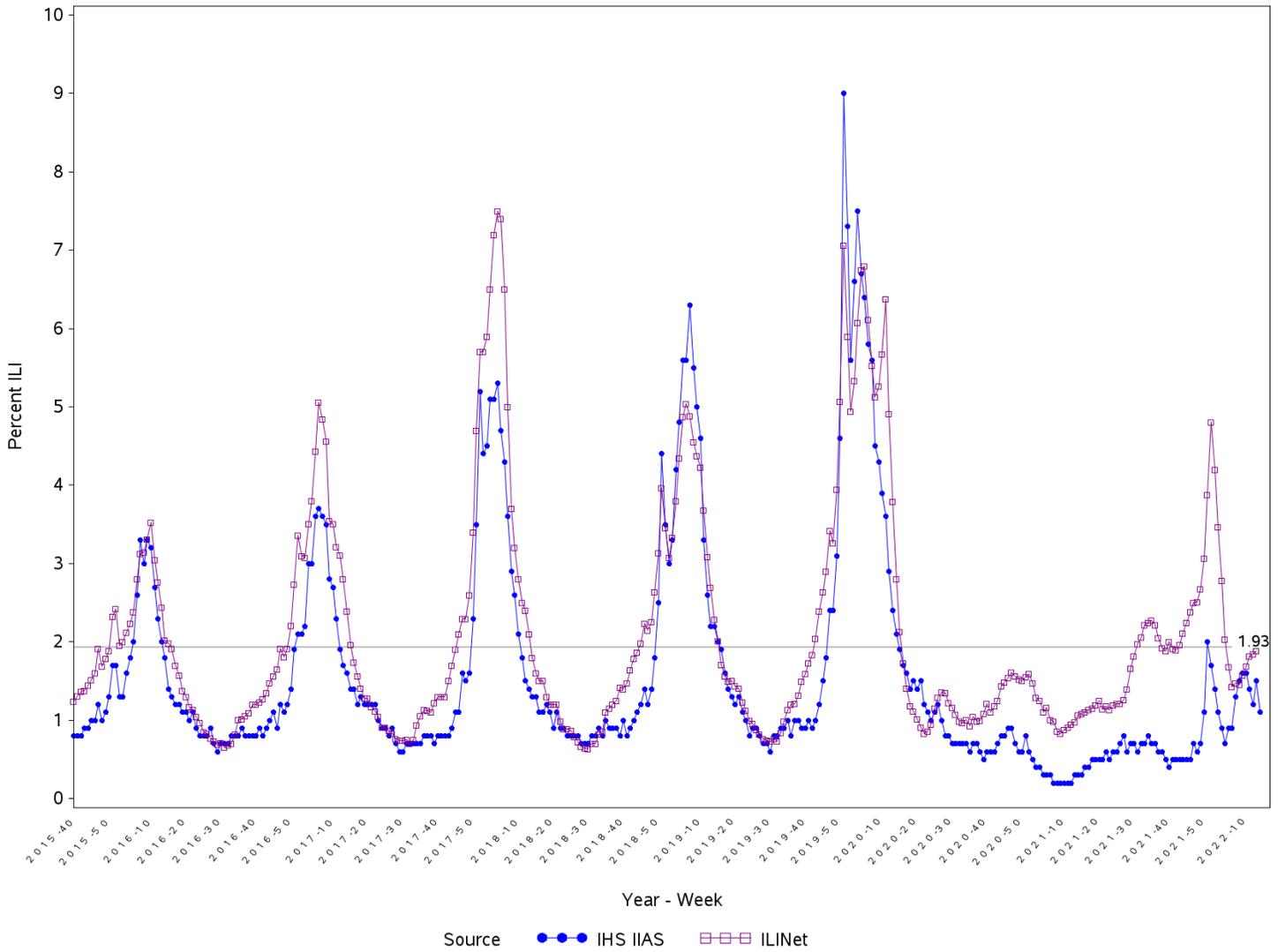
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2021 - 2022
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/03/21 through 04/09/22 (Week 14)



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 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
10/03/21 through 04/09/22 (Week 14)**



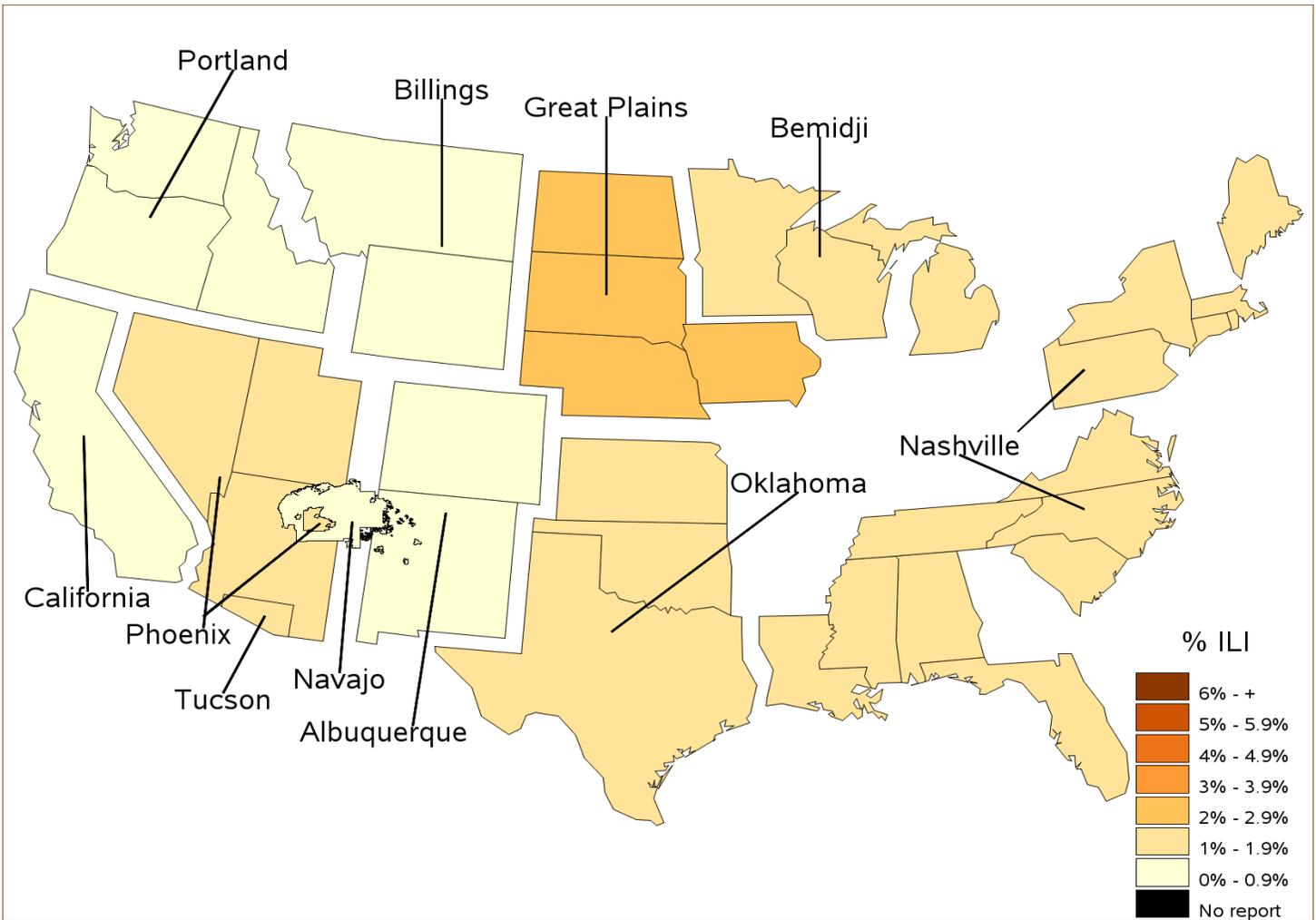
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 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 04/09/22 (Week 14)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 04/09/22 (Week 14)**

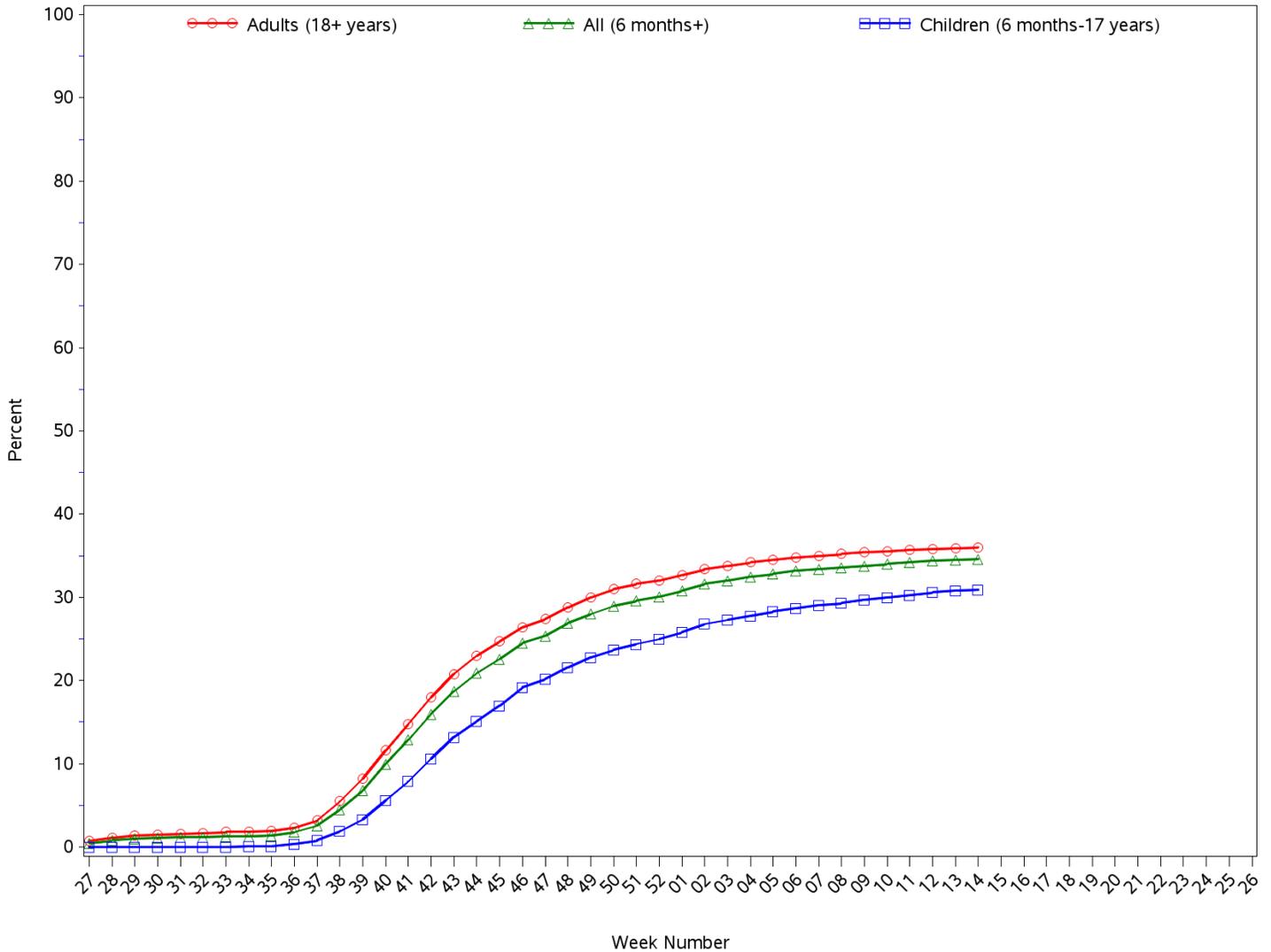
IHS Areas	Previous Week (13)	Current Week (14)
NATIONAL	1.5	1.1
ALBUQUERQUE	1.3	0.7
BEMIDJI	2.8	1.7
BILLINGS	1.1	0.7
CALIFORNIA	0.3	0.4
GREAT PLAINS	2.4	2.2
NASHVILLE	1.7	1.6
NAVAJO	1.2	0.8
OKLAHOMA	1.8	1.2
PHOENIX	1.4	1.1
PORTLAND	0.2	0.2
TUCSON	1.4	1.0

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

IHS Influenza Vaccination Surveillance

As of 04/09/2022, sites reporting to the IIAS have administered 304,489 doses (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
07/04/21 through 04/09/22 (Week 14)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 04/09/22 (Week 14)

Age Group	Active Clinical Population**	Seasonal Flu Vaccine (At Least 1 Dose)***	% Seasonal Flu (At Least 1 Dose)	Seasonal Flu Vaccine (At Least 2 Doses)	% Seasonal Flu (At Least 2 Doses)	Total # Doses Administered****
0 - 5 months	2,486	82	3.3	200	8.0	282
6 - 23 months	12,394	5,818	46.9	1,884	15.2	7,719
2 - 4 years	33,096	7,703	23.3	171	0.5	7,901
5 - 17 years	134,937	42,231	31.3	321	0.2	42,682
18 - 49 years	274,539	75,874	27.6	35,253	12.8	111,387
50 - 64 years	122,063	53,288	43.7	19,731	16.2	73,250
65 + years	87,588	45,118	51.5	16,102	18.4	61,550
Children (6 months-17 years)	180,427	55,752	30.9	2,376	1.3	58,302
Adults (18+ years)	484,190	174,280	36.0	71,086	14.7	246,187
All (6 months+)	664,617	230,032	34.6	73,462	11.1	304,489

* 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
07/04/21 through 04/09/22 (Week 14)

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 168 FLU-IIV3ad	CVX 171 FLU-ccl4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccl4	CVX 197 FLU-HIGH	CVX 205 FLU-IIV4ad	Proc 99.5 2 Vac Inf	ICD-9 V04.8 1 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	167	450	56	11,320	6,784	316	12	19	11	27	51	3,721	0	0	79	23,013
BEM	31	107	32	5,172	134	2	1	16	12	2	19	564	0	0	35	6,127
BIL	165	143	119	8,580	2,019	42	0	11	44	11	13	1,221	0	0	64	12,432
CAO	852	184	5	2,492	425	40	3	276	195	207	67	178	0	0	39	4,963
GPA	733	160	10	7,539	1,475	855	0	17	2	3	54	145	0	0	17	11,010
NSA	405	308	31	5,997	3,539	30	1	69	48	3	70	1,100	0	0	94	11,695
NAV	148	492	3	56,010	7,339	906	1	2,140	27	396	80,190	3,258	0	0	265	151,175
OKC	1,356	2,251	312	32,797	5,324	414	32	141	99	28	330	7,710	0	0	111	50,905
PHX	258	501	1	17,990	8,408	129	2	26	5	7	19	2,413	0	0	72	29,831
POR	106	68	35	478	1,548	19	0	186	2	1	25	114	0	0	13	2,595
TUC	27	9	0	5,988	50	25	0	5	0	2	0	0	0	0	15	6,121
	4,248	4,673	604	154,363	37,045	2,778	52	2,906	445	687	80,838	20,424	0	0	804	309,867

Patient Counts Not Deduplicated

* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS),

153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

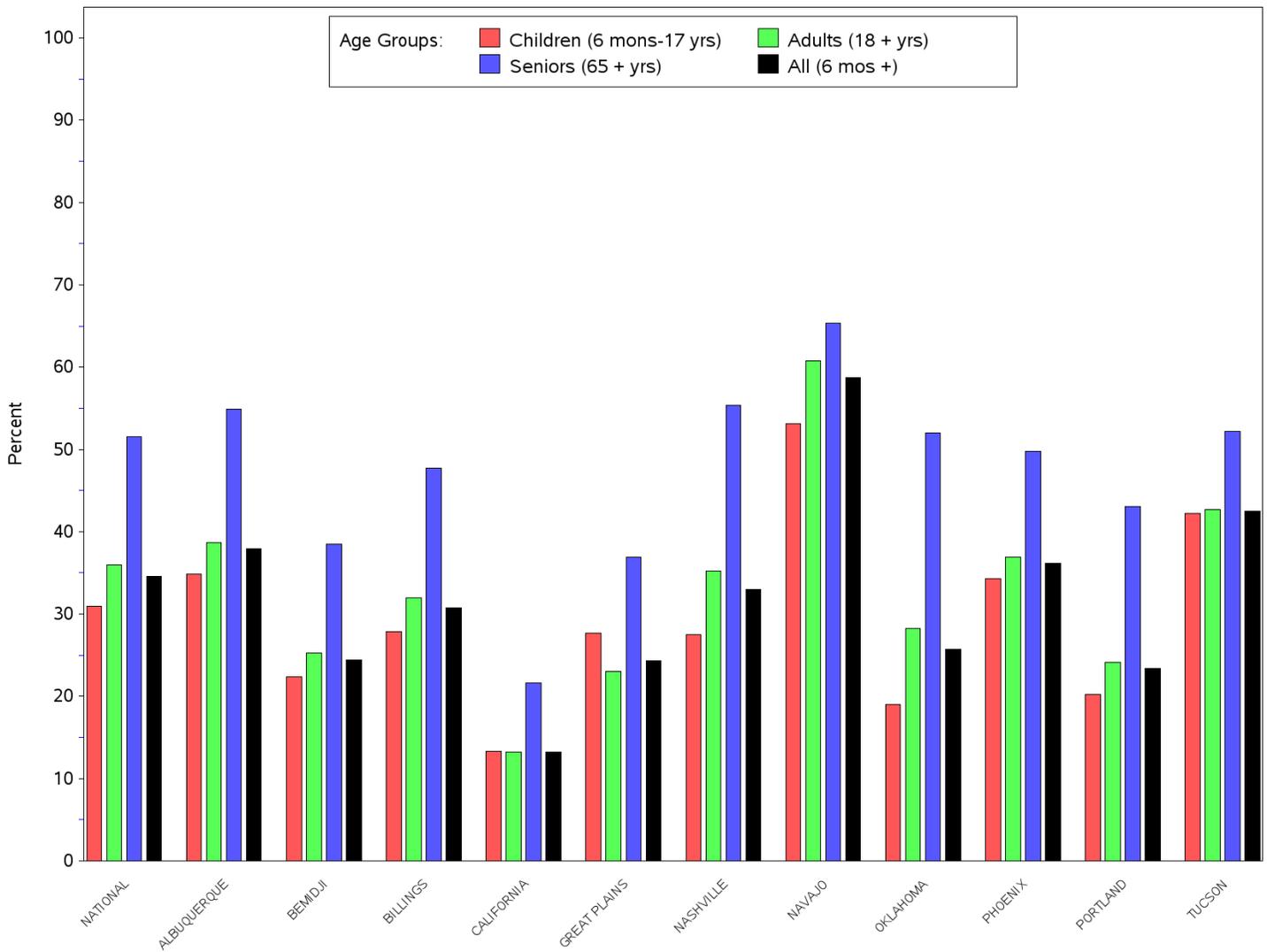
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654-90658,90662, 90672, 90673, 90685, 90686, G0008, and G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

Starting in Week 11, 2022 CVX 197 FLU-HIGH and CVX 205 FLU-IIV4ad were updated in the flu vaccination logic.

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
07/04/21 through 04/09/22 (Week 14)



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
07/04/21 through 04/09/22 (Week 14)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	30.9	36.0	51.5	34.6
ALBUQUERQUE	34.9	38.7	54.9	37.9
BEMIDJI	22.4	25.3	38.5	24.4
BILLINGS	27.9	32.0	47.7	30.8
CALIFORNIA	13.3	13.2	21.6	13.2
GREAT PLAINS	27.7	23.0	36.9	24.3
NASHVILLE	27.5	35.2	55.4	33.0
NAVAJO	53.1	60.8	65.3	58.7
OKLAHOMA	19.0	28.2	52.0	25.7
PHOENIX	34.3	36.9	49.8	36.2
PORTLAND	20.2	24.1	43.1	23.4
TUCSON	42.2	42.7	52.2	42.5

Number of RPMS Databases Reporting for Week Ending 04/09/22 (Week 14)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	175
ALBUQUERQUE	14	20
BEMIDJI	3	6
BILLINGS	10	19
CALIFORNIA	11	16
GREAT PLAINS	7	10
NASHVILLE	20	24
NAVAJO	6	25
OKLAHOMA	18	34
PHOENIX	6	12
PORTLAND	4	6
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

** Includes only facility categories: Hospital, Health Center, Health Station and Health Location