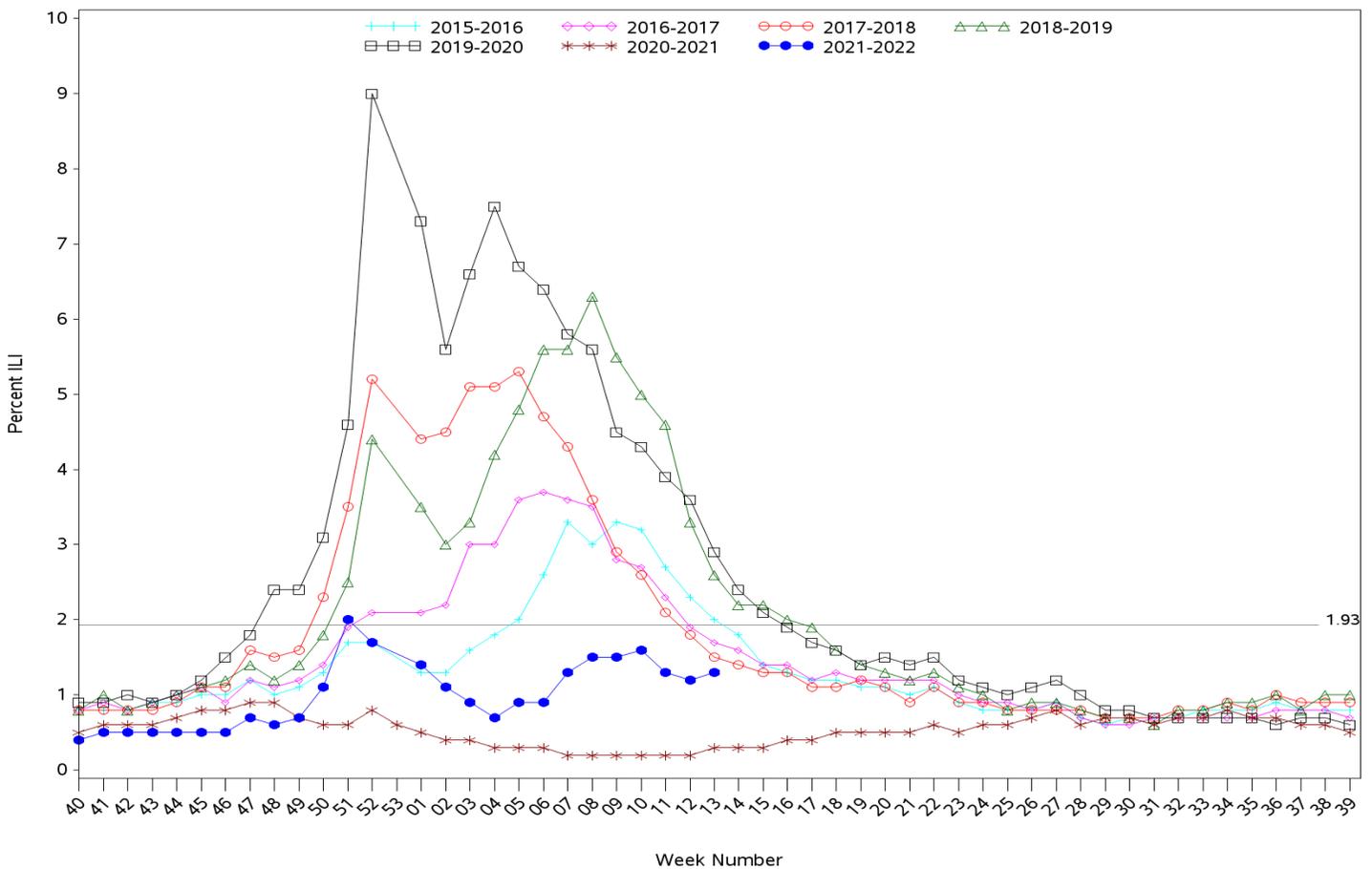




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 13: 03/27/2022 – 04/02/2022)

- IHS national Influenza-like illness (ILI) activity is low at 1.3%, below the IHS baseline of 1.93%
 - Nine out of eleven IHS Areas reported an increase in ILI activity, while other IHS Areas reported having a slight decrease in ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 13 (1.88%) below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 303,868 doses of influenza vaccine.
- Overall, 34.5% 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.

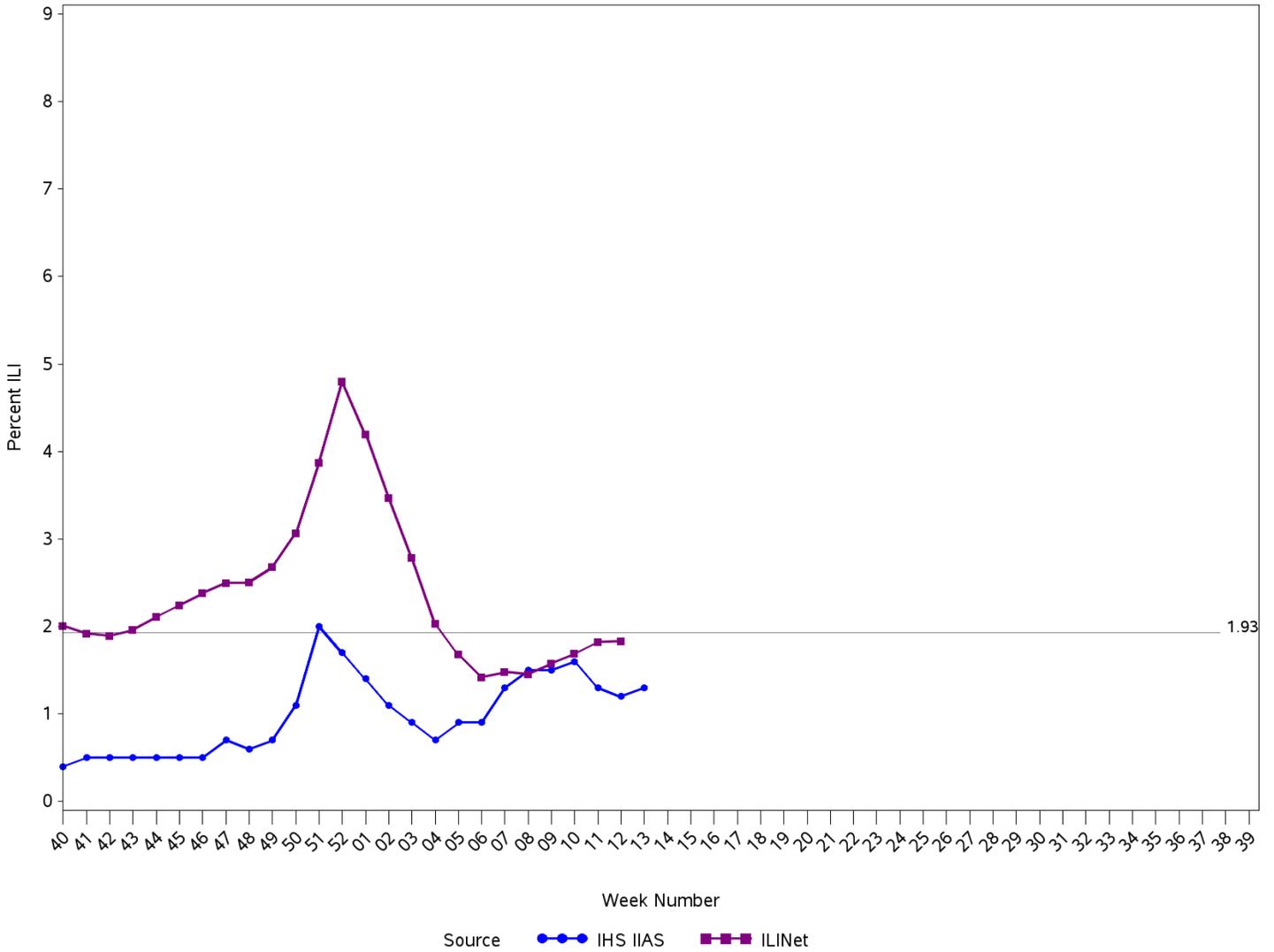
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2021-2022 IHS 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.

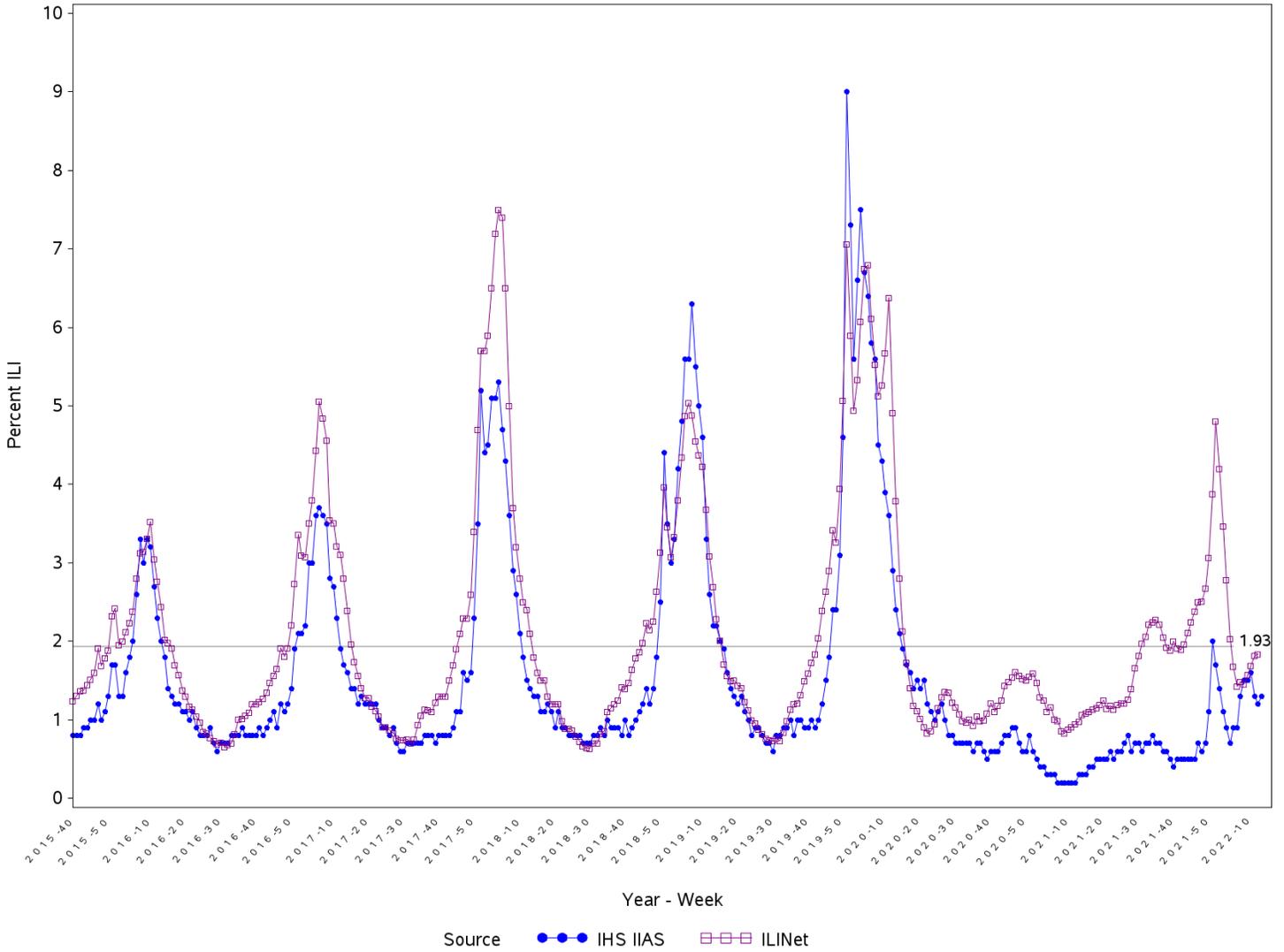
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 04/02/22 (Week 13)



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 04/02/22 (Week 13)



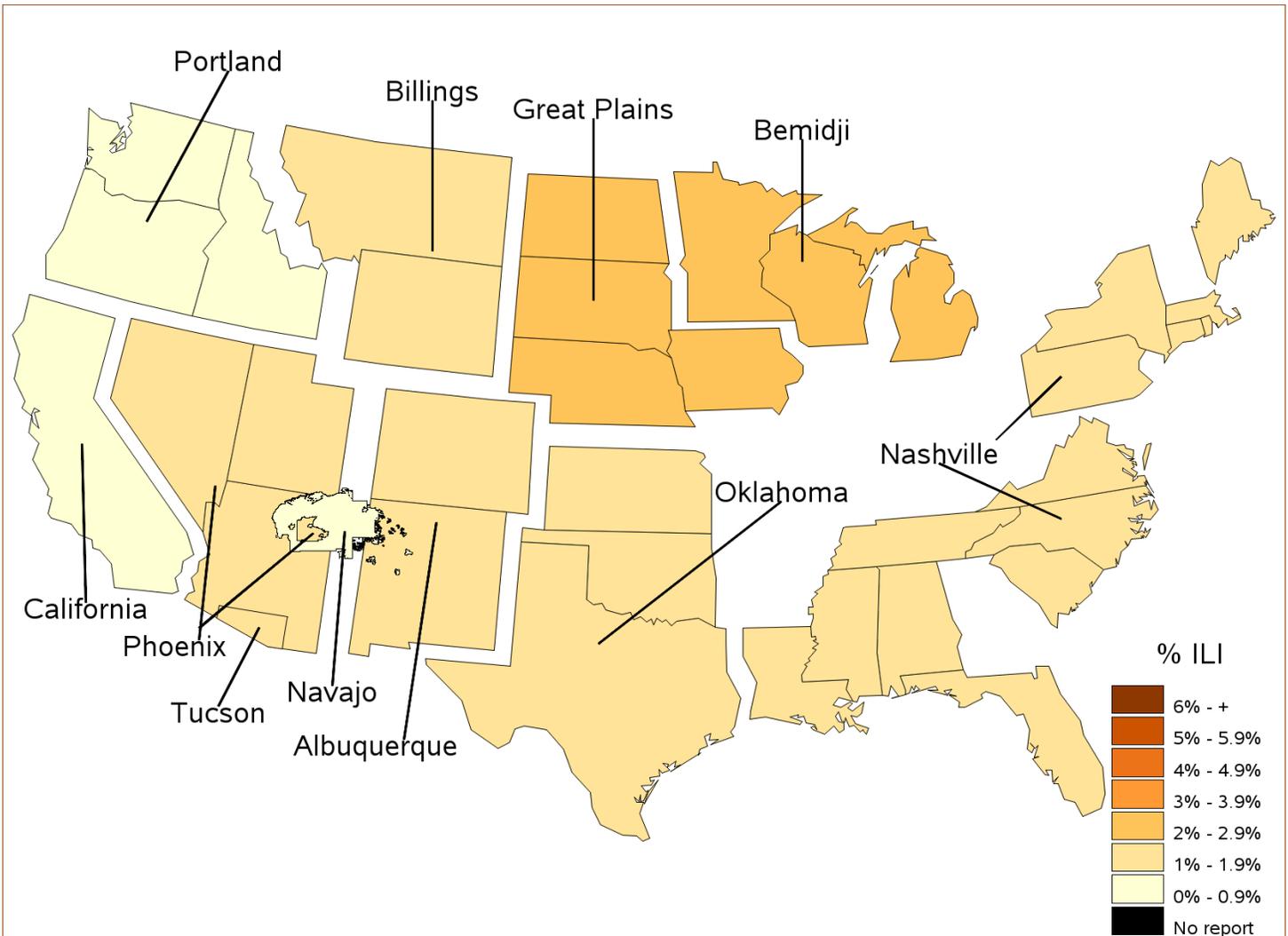
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 Sentinal 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 04/02/22 (Week 13)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 04/02/22 (Week 13)**

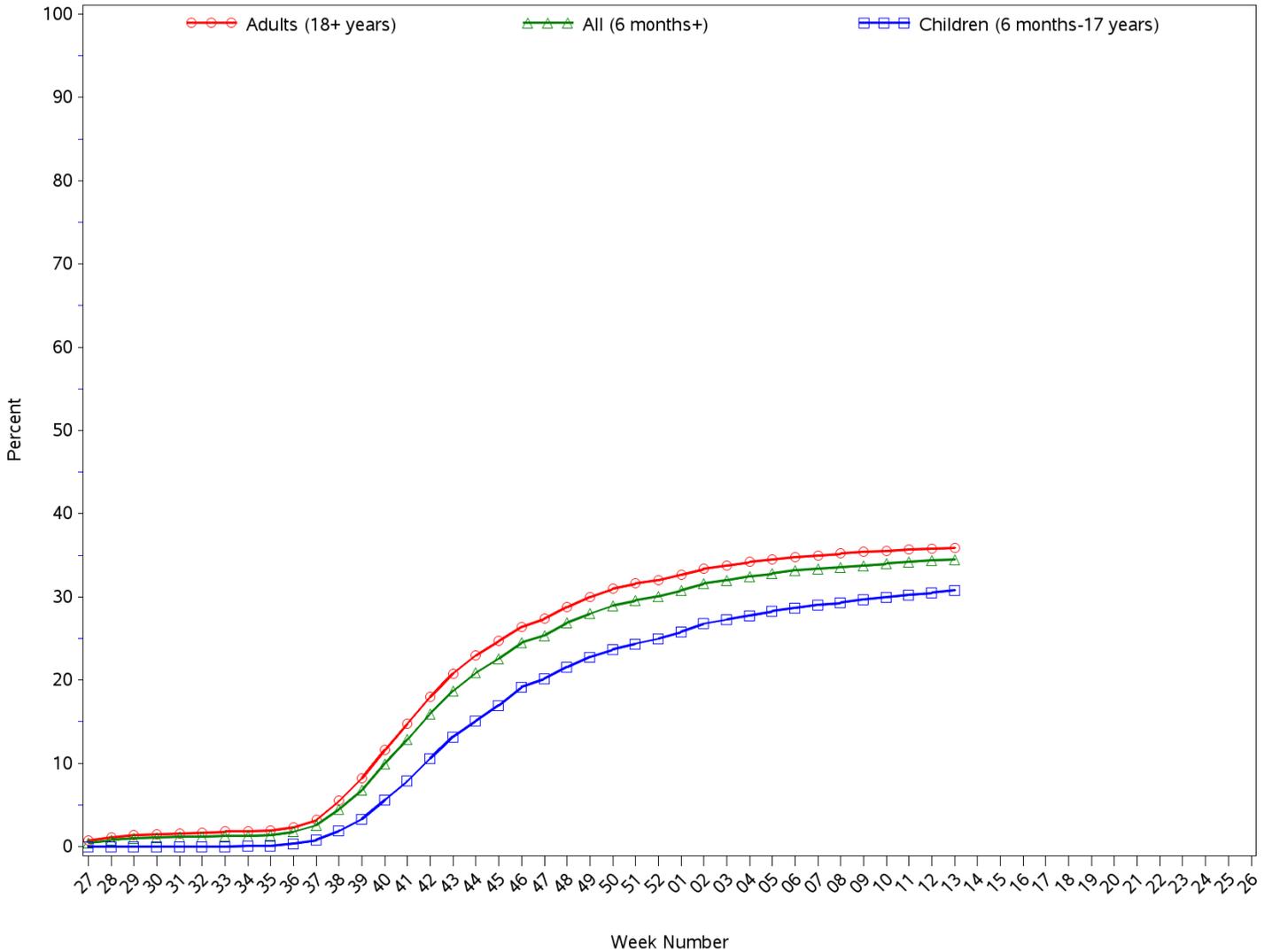
IHS Areas	Previous Week (12)	Current Week (13)
NATIONAL	1.2	1.3
ALBUQUERQUE	0.9	1.2
BEMIDJI	2.6	2.7
BILLINGS	0.8	1.0
CALIFORNIA	0.0	0.2
GREAT PLAINS	1.8	2.3
NASHVILLE	1.4	1.6
NAVAJO	1.0	0.8
OKLAHOMA	1.4	1.5
PHOENIX	1.4	1.1
PORTLAND	0.1	0.2
TUCSON	1.1	1.4

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

IHS Influenza Vaccination Surveillance

As of 04/02/2022, sites reporting to the IIAS have administered 303,868 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 04/02/22 (Week 13)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 04/02/22 (Week 13)

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	79	3.2	200	8.0	279
6 - 23 months	12,394	5,770	46.6	1,833	14.8	7,620
2 - 4 years	33,096	7,657	23.1	168	0.5	7,852
5 - 17 years	134,937	42,083	31.2	314	0.2	42,527
18 - 49 years	274,539	75,703	27.6	35,250	12.8	111,213
50 - 64 years	122,063	53,211	43.6	19,728	16.2	73,170
65 + years	87,588	45,057	51.4	16,099	18.4	61,486
Children (6 months-17 years)	180,427	55,510	30.8	2,315	1.3	57,999
Adults (18+ years)	484,190	173,971	35.9	71,077	14.7	245,869
All (6 months+)	664,617	229,481	34.5	73,392	11.0	303,868

* 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 04/02/22 (Week 13)

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	11,258	6,777	313	12	19	11	27	51	3,712	0	0	81	22,934
BEM	31	107	32	5,161	132	2	1	16	12	2	19	564	0	0	35	6,114
BIL	165	142	119	8,531	2,014	41	0	11	44	11	13	1,221	0	0	63	12,375
CAO	851	184	5	2,479	425	38	3	276	195	207	67	177	0	0	39	4,946
GPA	729	160	10	7,524	1,471	855	0	17	2	3	54	145	0	0	17	10,987
NSA	404	308	31	5,925	3,536	30	1	69	47	3	66	1,098	0	0	93	11,611
NAV	146	481	3	55,975	7,318	900	1	2,139	27	391	80,190	3,256	0	0	270	151,097
OKC	1,355	2,249	312	32,729	5,316	414	32	140	99	28	330	7,693	0	0	110	50,807
PHX	258	501	1	17,946	8,331	126	2	26	5	7	19	2,411	0	0	71	29,704
POR	106	67	35	478	1,547	19	0	186	2	1	25	114	0	0	13	2,593
TUC	27	9	0	5,929	50	26	0	5	0	2	0	0	0	0	15	6,063
	4,239	4,658	604	153,935	36,917	2,764	52	2,904	444	682	80,834	20,391	0	0	807	309,231

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.

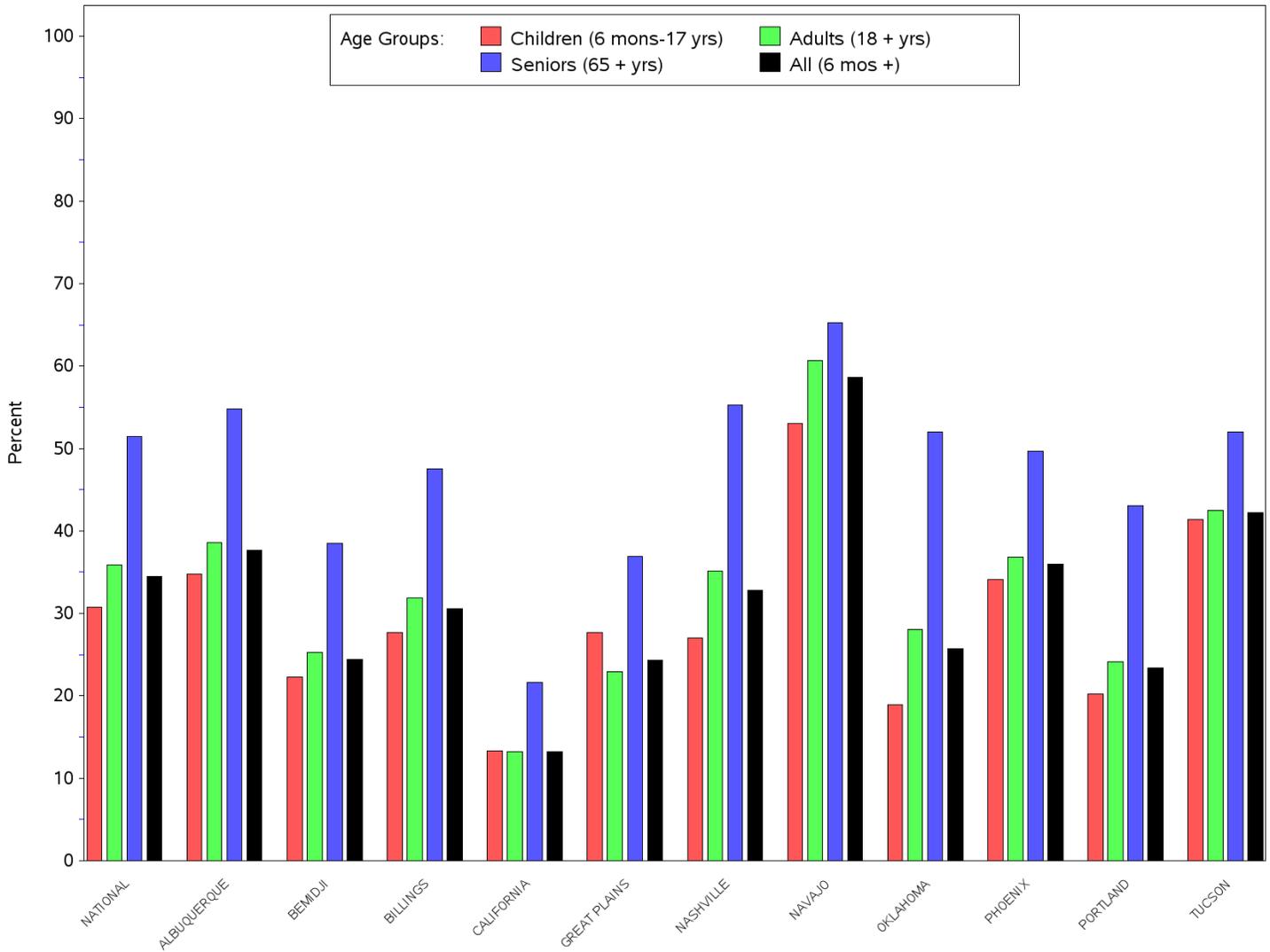
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ 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 04/02/22 (Week 13)



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 04/02/22 (Week 13)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	30.8	35.9	51.4	34.5
ALBUQUERQUE	34.8	38.6	54.8	37.7
BEMIDJI	22.3	25.3	38.5	24.4
BILLINGS	27.7	31.9	47.5	30.6
CALIFORNIA	13.3	13.2	21.6	13.2
GREAT PLAINS	27.7	22.9	36.9	24.3
NASHVILLE	27.0	35.1	55.3	32.8
NAVAJO	53.0	60.7	65.2	58.6
OKLAHOMA	18.9	28.1	52.0	25.7
PHOENIX	34.1	36.8	49.7	36.0
PORTLAND	20.2	24.1	43.1	23.4
TUCSON	41.4	42.5	52.0	42.2

Number of RPMS Databases Reporting for Week Ending 04/02/22 (Week 13)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	175
ALBUQUERQUE	14	20
BEMIDJI	3	6
BILLINGS	10	22
CALIFORNIA	11	16
GREAT PLAINS	7	10
NASHVILLE	20	23
NAVAJO	6	23
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