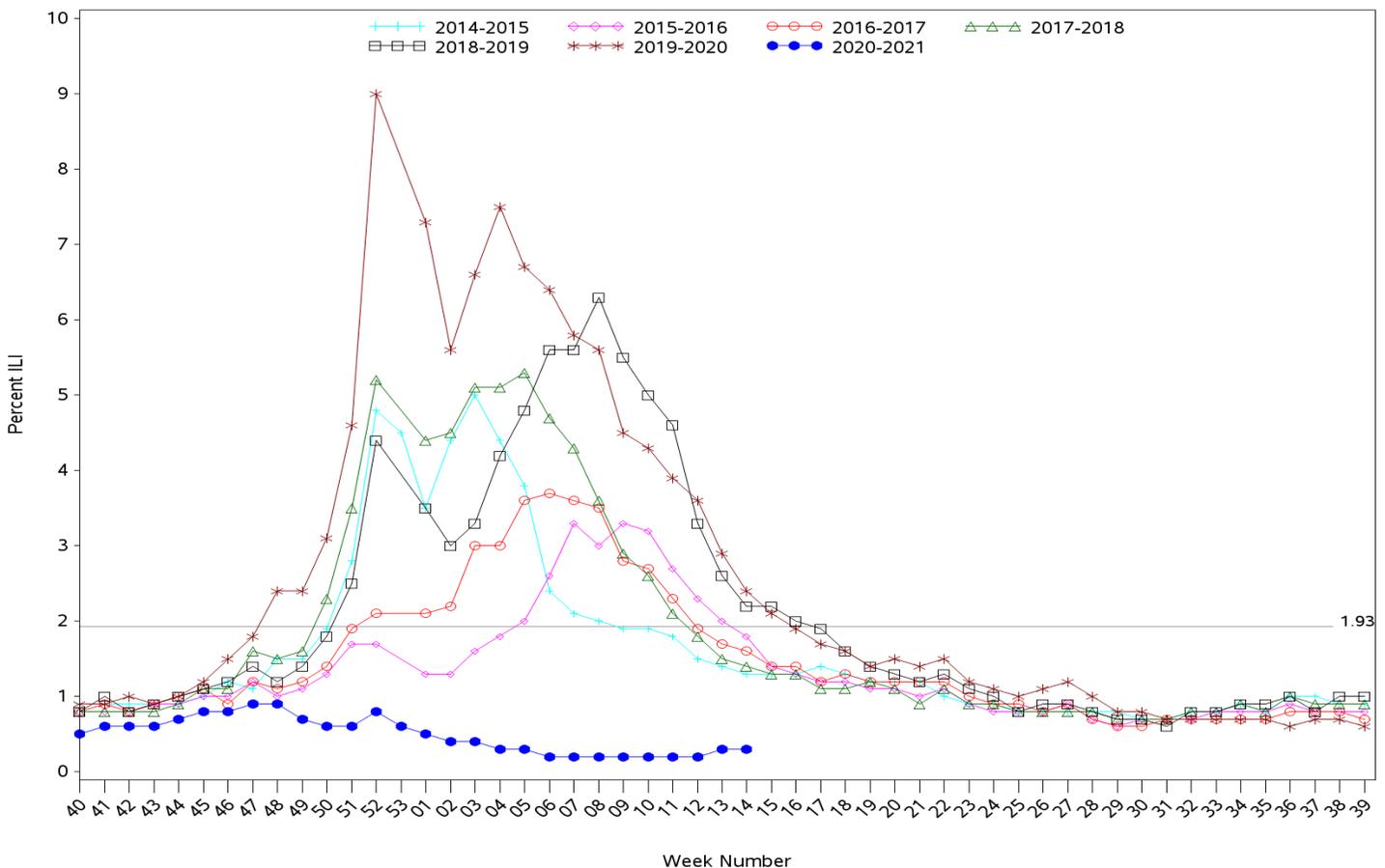




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 14 ending 04/10/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.3%, below the IHS baseline of 1.93%
 - Five out of eleven IHS Areas reported a decrease in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 14 (1.06%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 222,829 doses of influenza vaccine.
- Overall, 29.1% 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.

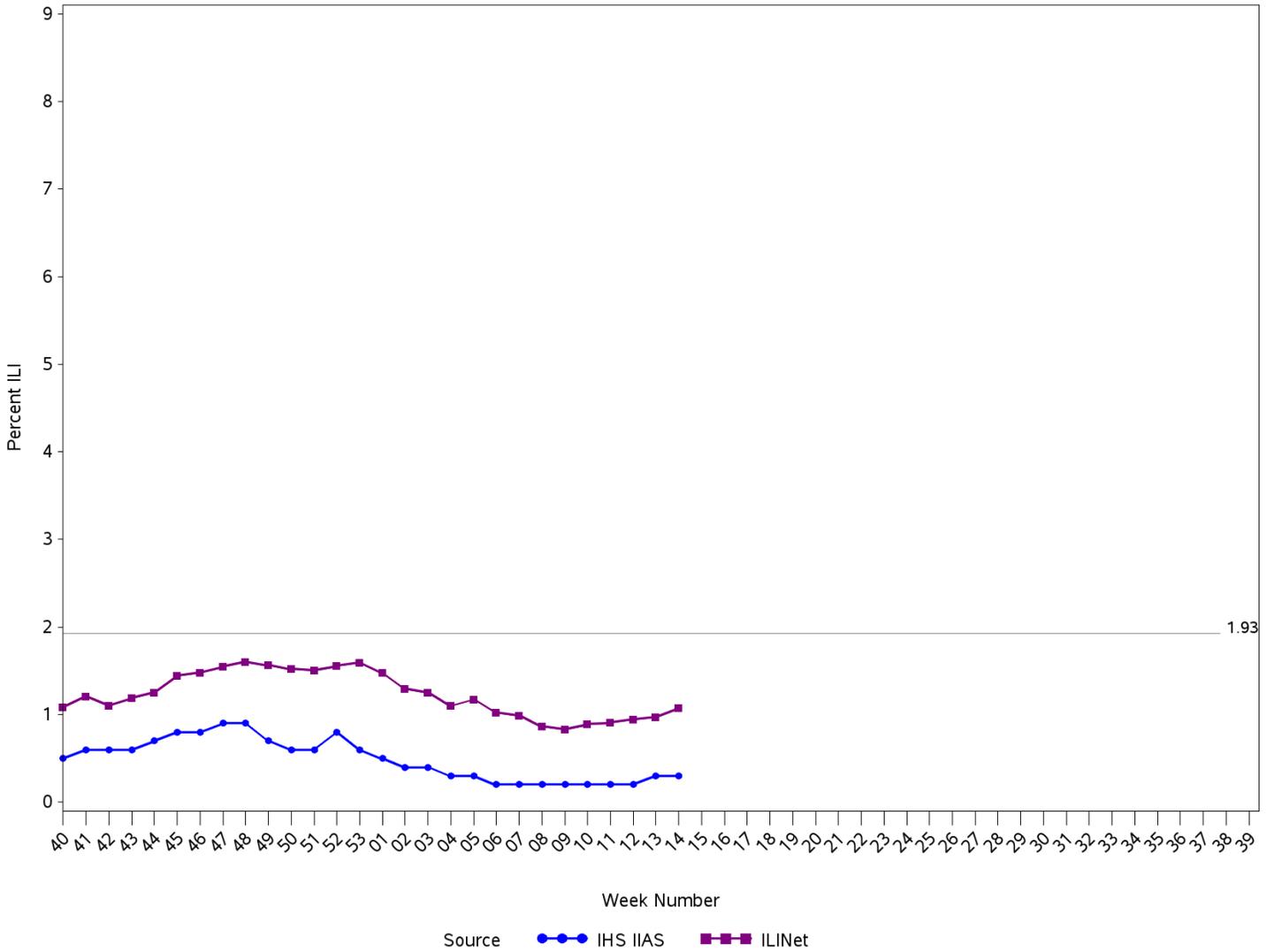
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.

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.

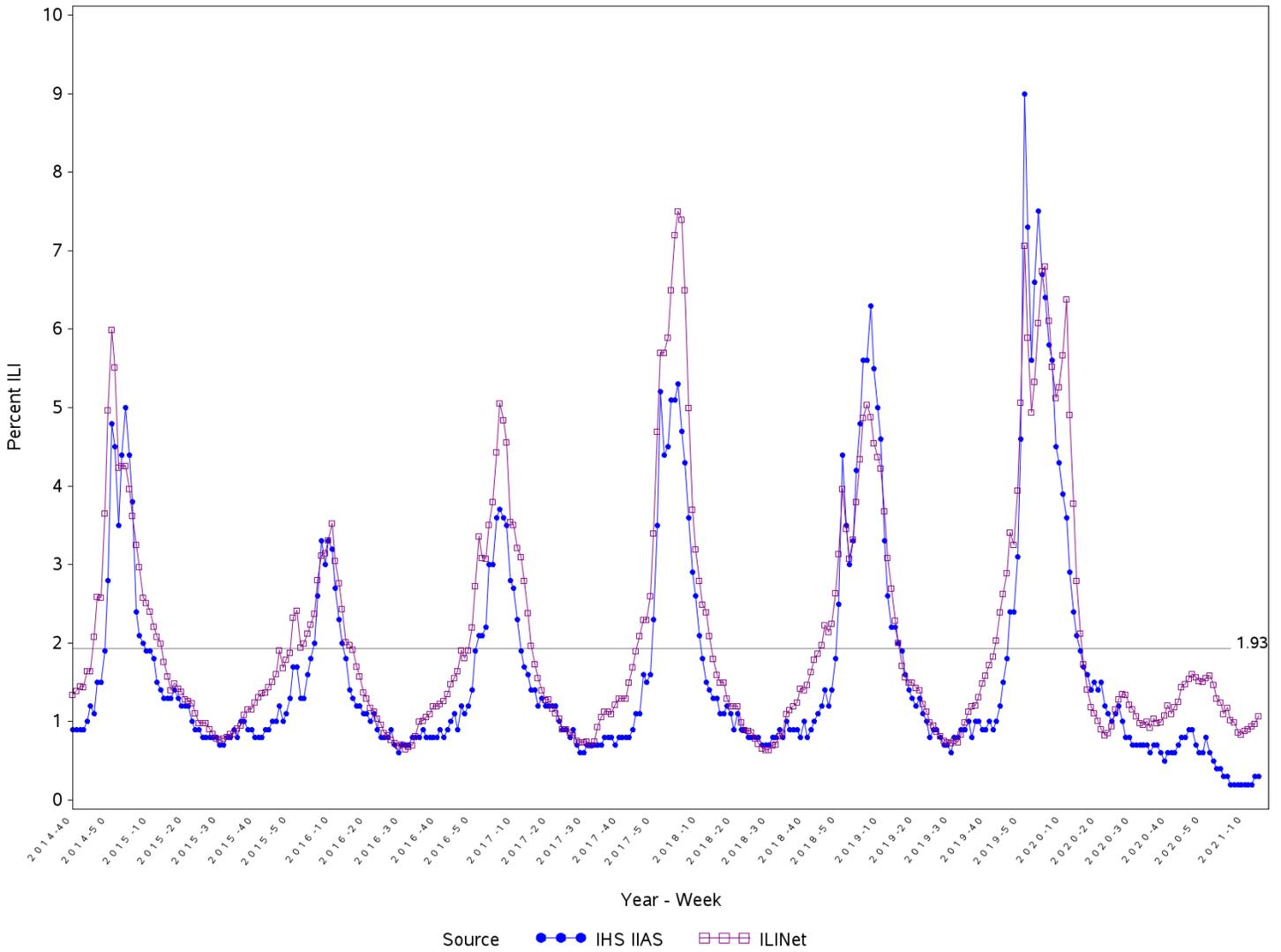
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2020 - 2021
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
09/27/20 through 04/10/21 (Week 14)



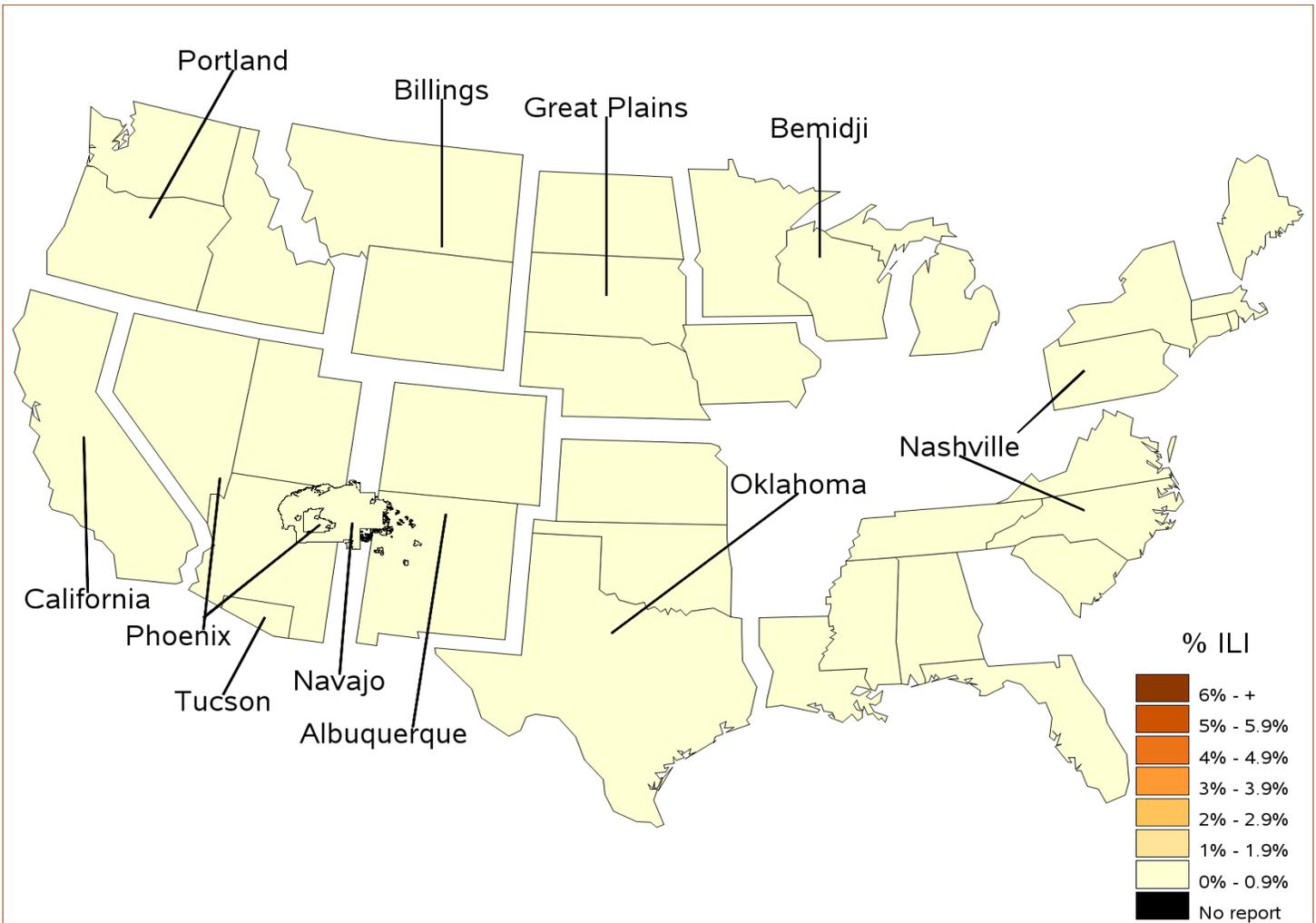
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
 Baselines are computed as the mean percentage of ILI patient 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
09/28/13 through 04/10/21 (Week 14)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
 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 04/10/21 (Week 14)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 04/10/21 (Week 14)**

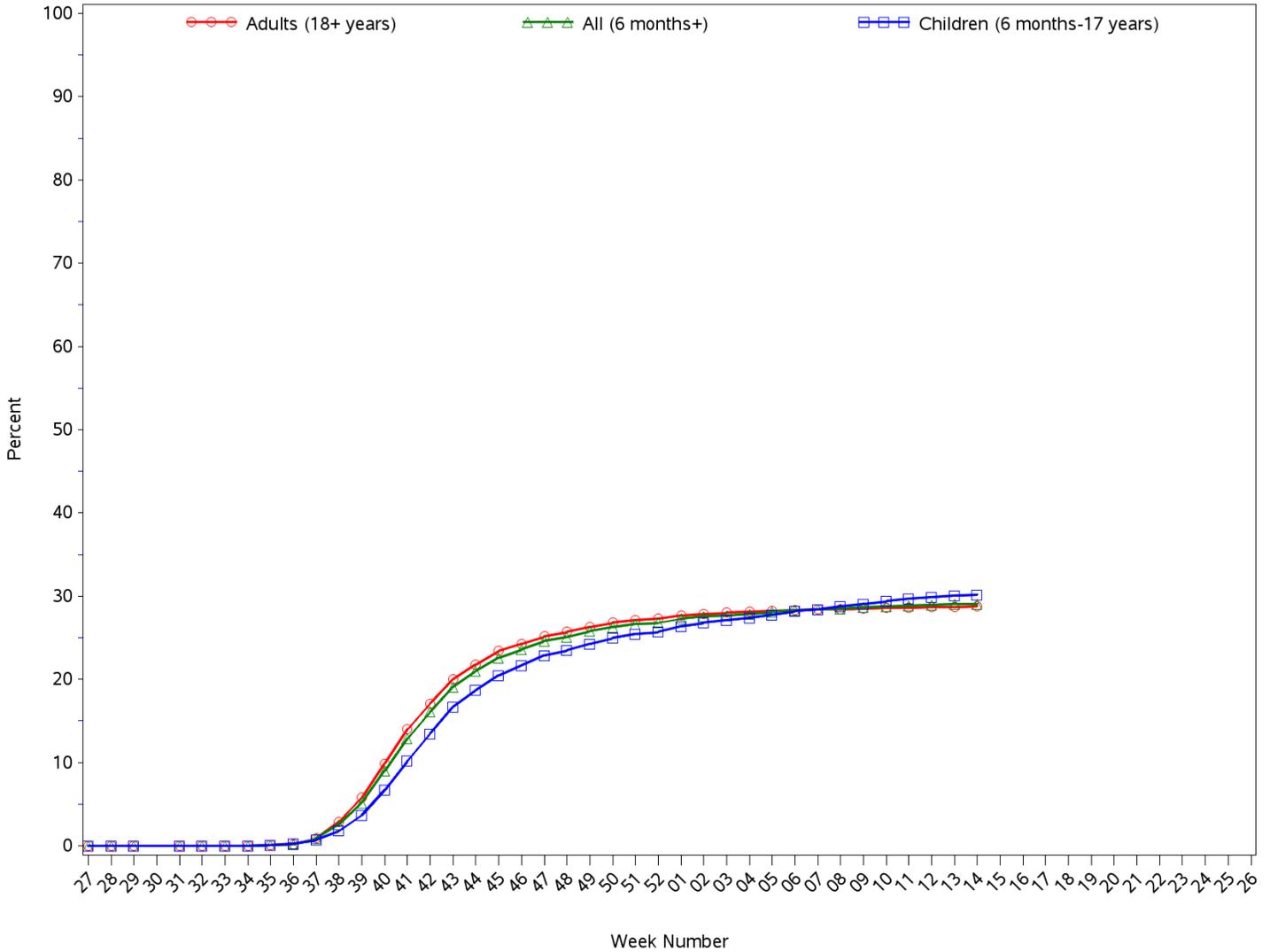
IHS Areas	Previous Week (13)	Current Week (14)
NATIONAL	0.3	0.3
ALBUQUERQUE	0.2	0.1
BEMIDJI	0.5	0.4
BILLINGS	0.3	0.3
CALIFORNIA	0.0	0.0
GREAT PLAINS	0.5	0.6
NASHVILLE	0.5	0.4
NAVAJO	0.3	0.2
OKLAHOMA	0.2	0.2
PHOENIX	0.3	0.2
PORTLAND	0.0	0.0
TUCSON	0.2	0.2

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

IHS Influenza Vaccination Surveillance

As of 04/10/2021, sites reporting to the IIAS have administered 222,829 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 06/28/20 through 04/10/21 (Week 14)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 04/10/21 (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	2,759	67	2.4	0	0.0	68
6 - 23 months	14,190	7,404	52.2	2,409	17.0	9,829
2 - 4 years	36,954	9,917	26.8	236	0.6	10,164
5 - 17 years	153,168	44,367	29.0	148	0.1	44,589
18 - 49 years	313,036	75,830	24.2	238	0.1	76,155
50 - 64 years	137,748	52,466	38.1	223	0.2	52,776
65 + years	96,619	29,085	30.1	192	0.2	29,316
Children (6 months-17 years)	204,312	61,688	30.2	2,793	1.4	64,582
Adults (18+ years)	547,403	157,381	28.8	653	0.1	158,247
All (6 months+)	751,715	219,069	29.1	3,446	0.5	222,829

* 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
06/28/20 through 04/10/21 (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-ccI4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccI4	CVX 197 FLU-HIGH	CVX 205 FLU-IIV4ad	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	696	174	68	12,367	6,319	37	0	512	69	84	0	0	0	0	100	20,426
BEM	435	44	139	5,514	517	7	2	86	21	3	0	0	0	0	106	6,874
BIL	873	135	146	9,147	1,260	18	1	20	97	2	0	0	0	0	42	11,741
CAO	2,140	797	19	5,271	1,111	199	0	17	10	171	0	0	0	0	106	9,841
GPA	3,031	160	270	11,434	2,572	18	0	24	12	346	0	0	0	0	54	17,921
NSA	456	102	44	6,797	3,341	3	0	207	110	9	0	0	0	0	187	11,256
NAV	701	275	3	45,445	16,150	164	86	383	49	67	0	0	0	0	211	63,534
OKC	2,177	1,658	303	30,366	3,279	162	13	32	86	2	0	0	0	0	104	38,182
PHX	1,638	1,138	12	17,928	10,081	73	2	3	295	225	0	0	0	0	129	31,524
POR	334	246	199	6,853	1,221	2	2	219	161	160	0	0	0	0	44	9,441
TUC	17	16	0	3,064	13	0	0	0	4	0	0	0	0	0	15	3,129
	12,498	4,745	1,203	154,186	45,864	683	106	1,503	914	1,069	0	0	0	0	1,098	223,869

Patient Counts Not Deduplicated

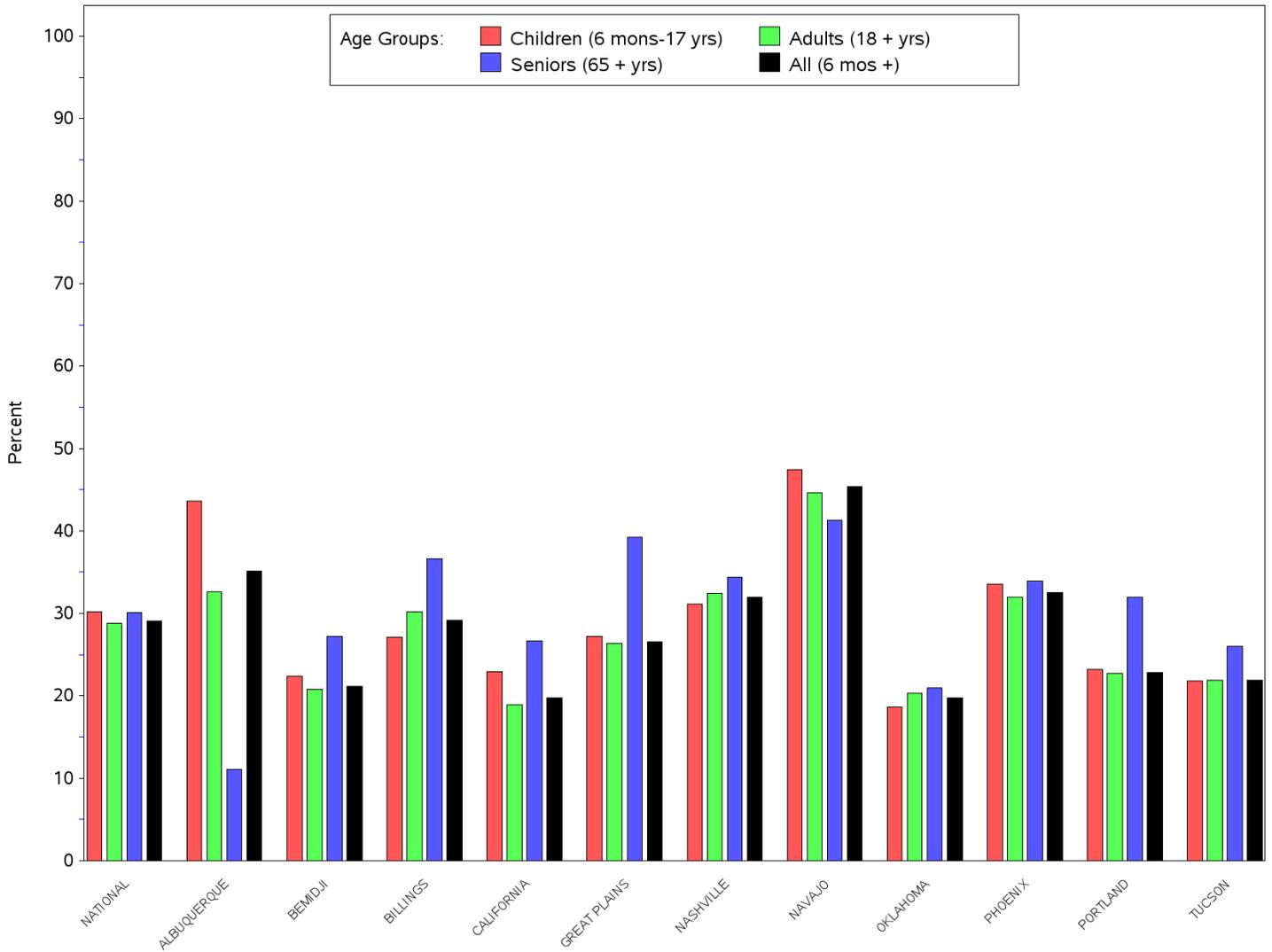
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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.

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
06/28/20 through 04/10/21 (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
06/28/20 through 04/10/21 (Week 14)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	30.2	28.8	30.1	29.1
ALBUQUERQUE	43.6	32.6	11.1	35.1
BEMIDJI	22.4	20.8	27.2	21.2
BILLINGS	27.1	30.2	36.6	29.2
CALIFORNIA	22.9	18.9	26.7	19.8
GREAT PLAINS	27.2	26.4	39.2	26.6
NASHVILLE	31.1	32.4	34.4	32.0
NAVAJO	47.4	44.6	41.3	45.4
OKLAHOMA	18.6	20.3	21.0	19.8
PHOENIX	33.6	32.0	33.9	32.5
PORTLAND	23.2	22.7	32.0	22.8
TUCSON	21.8	21.9	26.0	21.9

Number of RPMS Databases Reporting for Week Ending 04/10/21 (Week 14)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	106	177
ALBUQUERQUE	14	20
BEMIDJI	5	7
BILLINGS	10	21
CALIFORNIA	7	10
GREAT PLAINS	8	12
NASHVILLE	20	22
NAVAJO	7	17
OKLAHOMA	18	37
PHOENIX	9	18
PORTLAND	7	10
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

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

NR = Not Reported