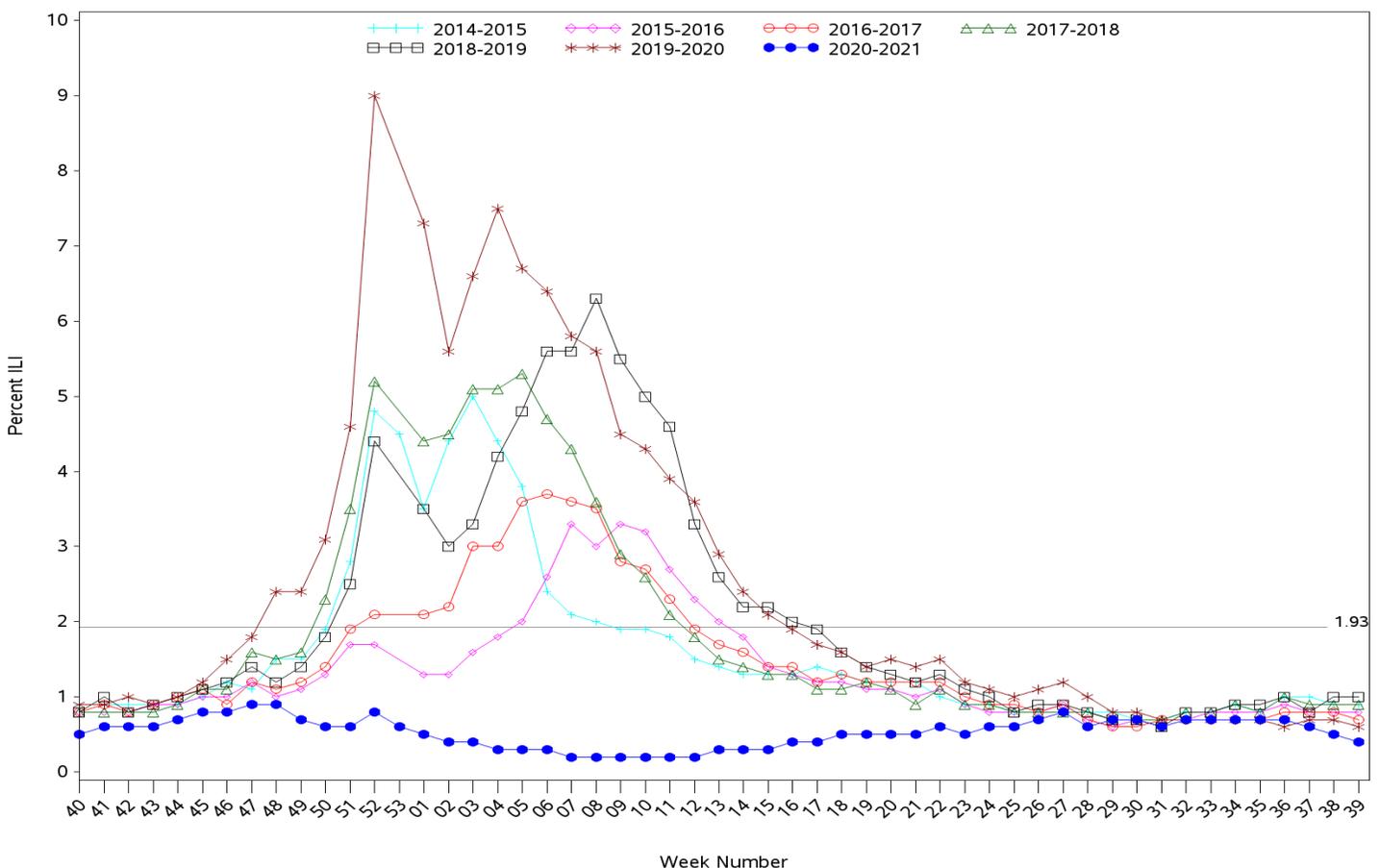




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 39 ending 10/02/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
 - Seven 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 39 (1.88%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 29,939 doses of influenza vaccine.
- Overall, 4.6% 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.

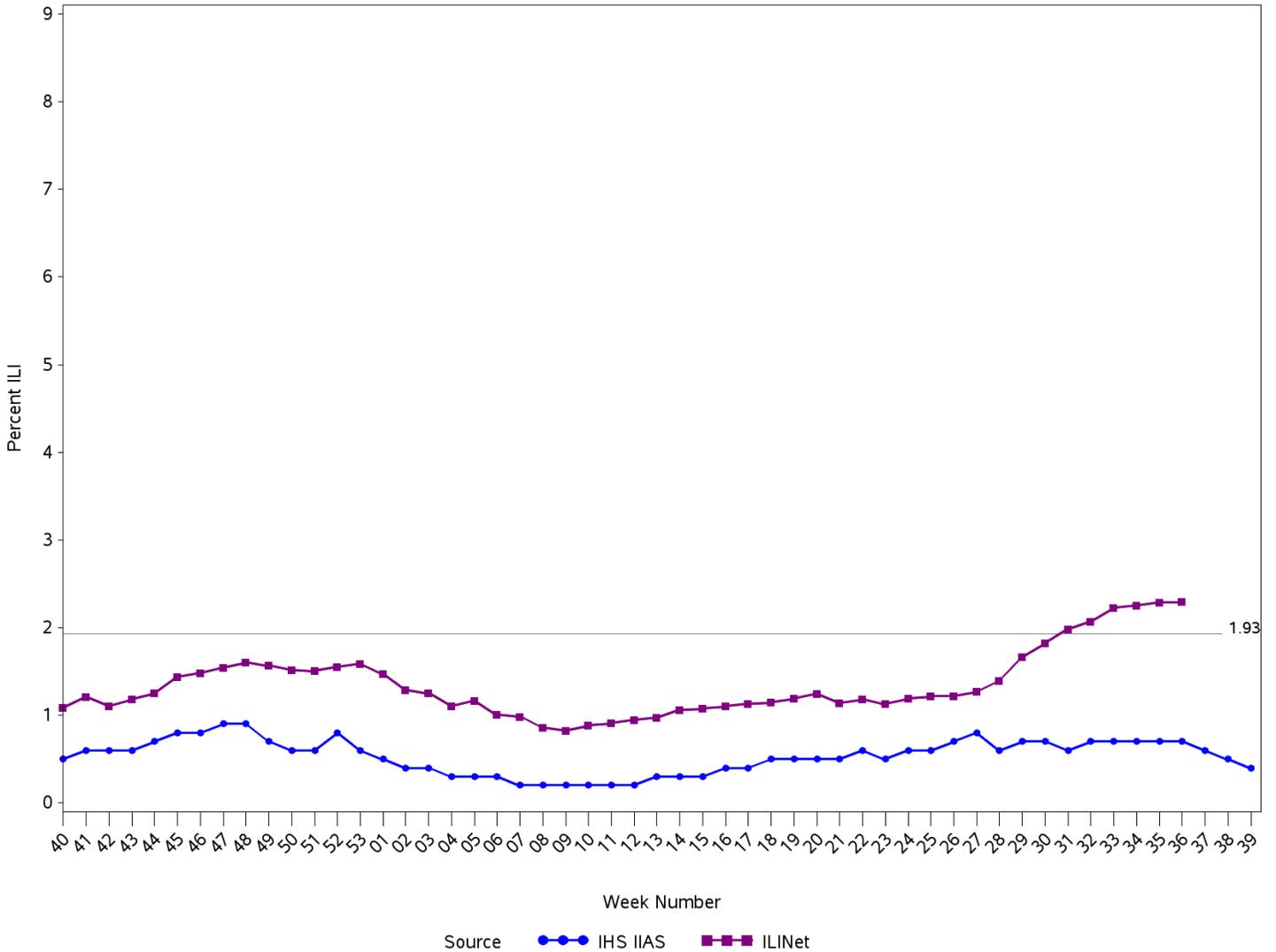
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

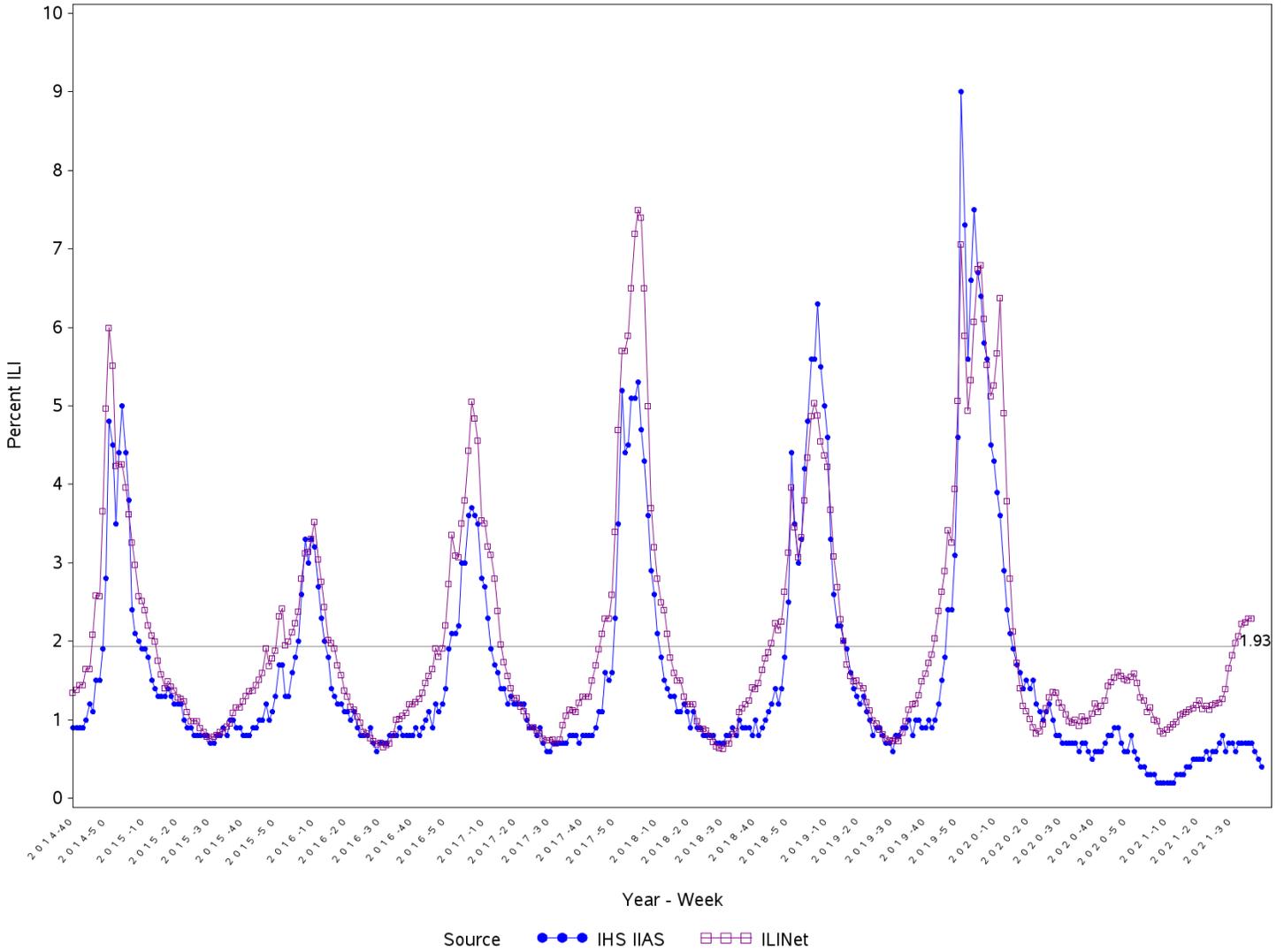
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 10/02/21 (Week 39)



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 10/02/21 (Week 39)**



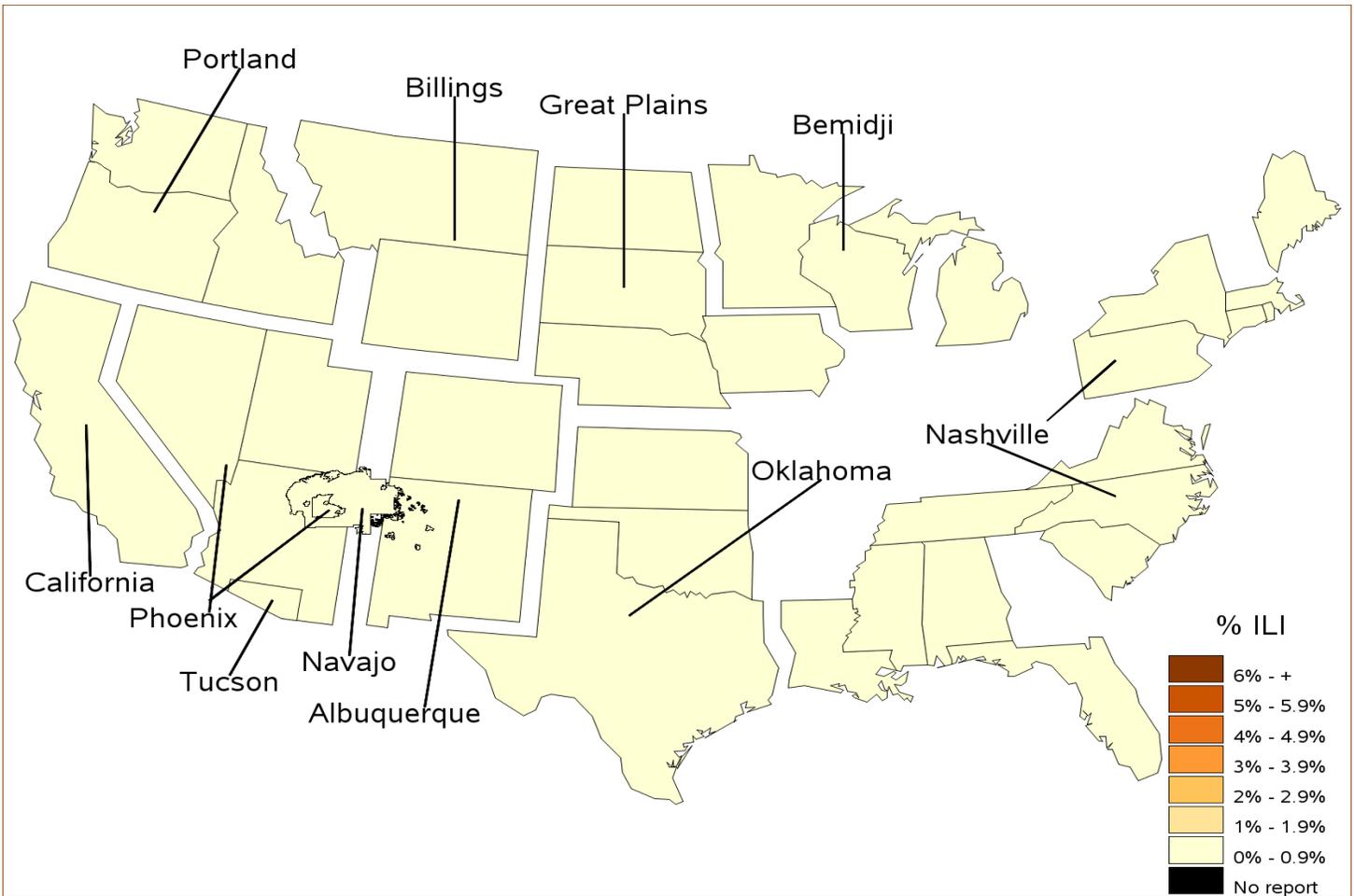
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 10/02/21 (Week 39)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 10/02/21 (Week 39)**

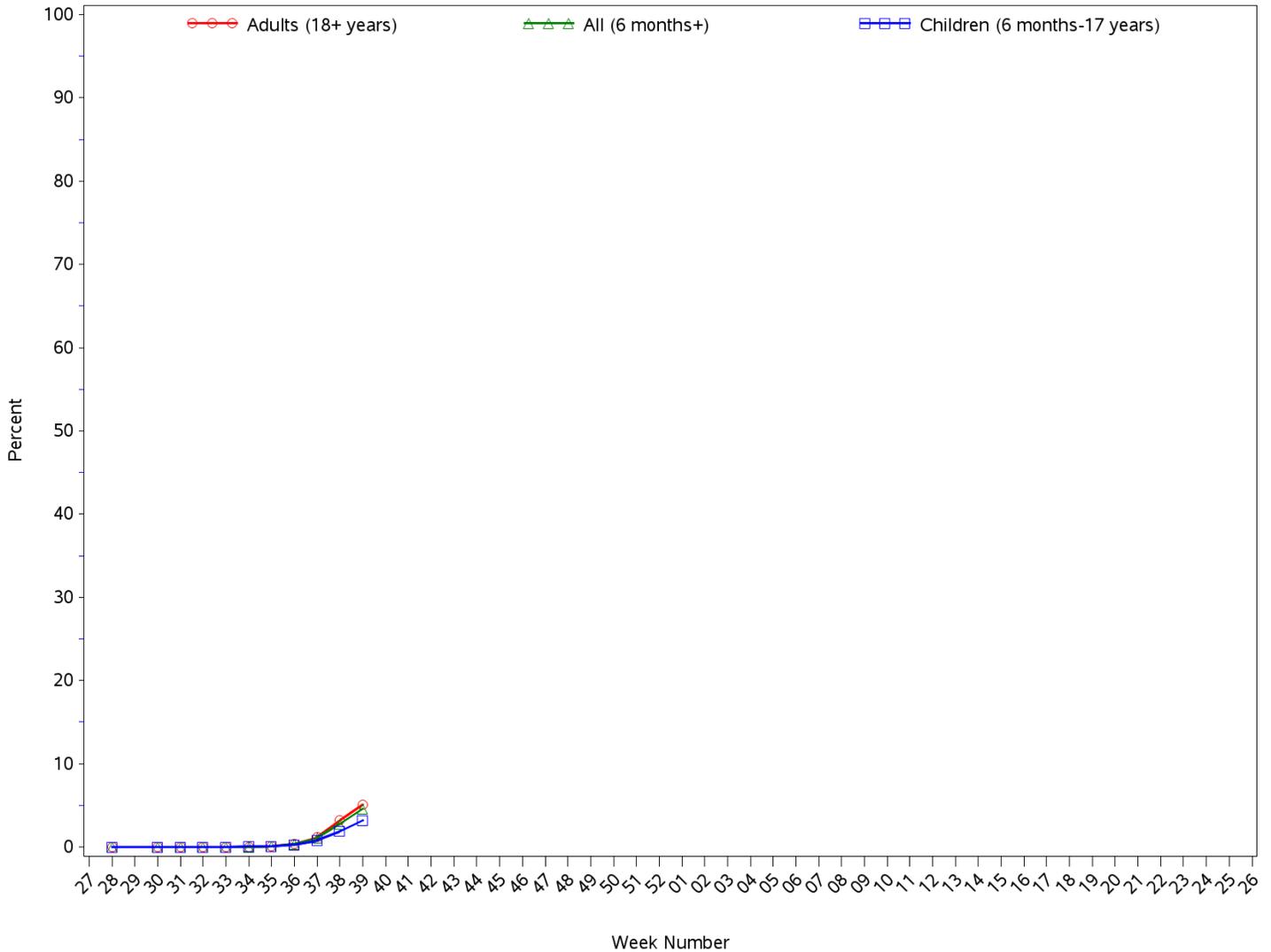
IHS Areas	Previous Week (38)	Current Week (39)
NATIONAL	0.5	0.4
ALBUQUERQUE	0.3	0.6
BEMIDJI	0.2	0.5
BILLINGS	0.5	0.3
CALIFORNIA	0.3	0.3
GREAT PLAINS	1.1	0.9
NASHVILLE	0.8	0.5
NAVAJO	0.4	0.3
OKLAHOMA	0.6	0.4
PHOENIX	0.6	0.3
PORTLAND	0.0	0.3
TUCSON	0.7	0.6

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

IHS Influenza Vaccination Surveillance

As of 10/02/2021, sites reporting to the IIAS have administered 29,939 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 10/02/21 (Week 39)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 10/02/21 (Week 39)

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	2,467	4	0.2	0	0	4
6 - 23 months	12,256	524	4.3	0	0	524
2 - 4 years	32,505	825	2.5	0	0	825
5 - 17 years	132,639	4,255	3.2	3	0	4,258
18 - 49 years	267,814	11,093	4.1	9	0	11,115
50 - 64 years	118,626	8,839	7.5	9	0	8,857
65 + years	85,350	4,352	5.1	7	0	4,360
Children (6 months-17 years)	177,400	5,604	3.2	3	0	5,607
Adults (18+ years)	471,790	24,284	5.1	25	0	24,332
All (6 months+)	649,190	29,888	4.6	28	0	29,939

* 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 10/02/21 (Week 39)

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 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	6	12	1	661	890	14	3	0	1	3	0	0	0	0	6	1,597
BEM	4	6	4	780	3	0	0	1	0	0	0	0	0	0	5	803
BIL	25	6	6	1,428	325	0	0	1	0	0	0	0	0	0	6	1,797
CAO	109	41	0	300	60	3	1	31	2	42	0	0	0	0	1	590
GPA	201	13	3	1,556	163	179	0	2	0	0	0	0	0	0	4	2,121
NSA	26	27	0	503	1,167	14	1	1	0	1	0	0	0	0	20	1,760
NAV	32	45	0	11,364	1,775	69	1	3	3	39	0	0	0	0	25	13,356
OKC	117	65	69	4,120	596	42	0	4	1	3	0	0	0	0	7	5,024
PHX	85	36	0	1,491	588	9	1	2	2	6	0	0	0	0	6	2,226
POR	18	5	0	31	248	2	0	8	0	0	0	0	0	0	1	313
TUC	4	0	0	517	2	1	0	0	0	0	0	0	0	0	0	524
	627	256	83	22,751	5,817	333	7	53	9	94	0	0	0	0	81	30,111

Patient Counts Not Deduplicated

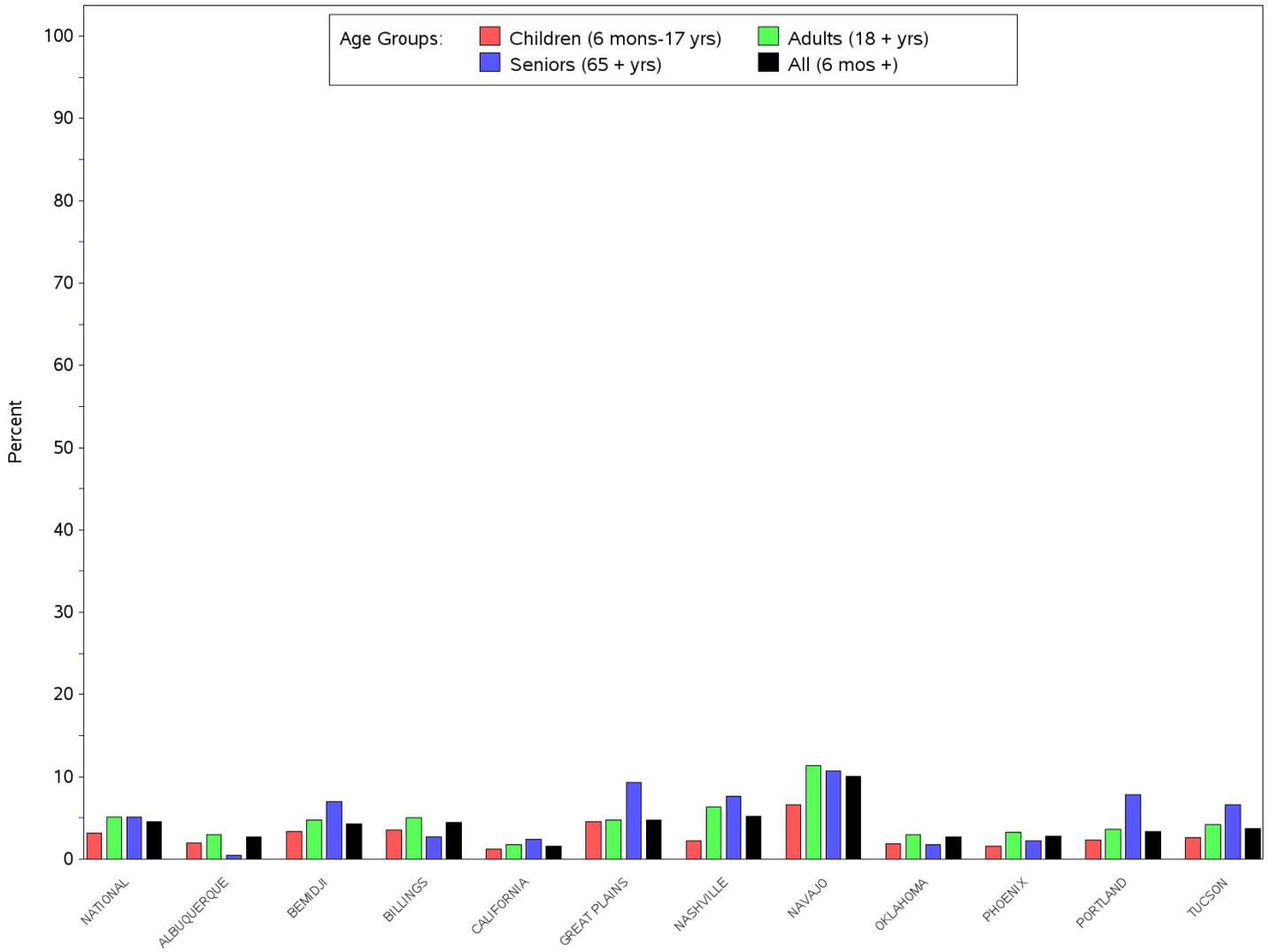
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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
07/04/21 through 10/02/21 (Week 39)



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 10/02/21 (Week 39)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	3.2	5.1	5.1	4.6
ALBUQUERQUE	2.0	3.0	0.5	2.7
BEMIDJI	3.4	4.8	7.0	4.3
BILLINGS	3.5	5.0	2.7	4.5
CALIFORNIA	1.2	1.8	2.4	1.6
GREAT PLAINS	4.6	4.8	9.3	4.8
NASHVILLE	2.2	6.3	7.6	5.2
NAVAJO	6.6	11.4	10.7	10.1
OKLAHOMA	1.9	3.0	1.8	2.7
PHOENIX	1.6	3.3	2.2	2.8
PORTLAND	2.3	3.6	7.8	3.4
TUCSON	2.6	4.2	6.6	3.7

Number of RPMS Databases Reporting for Week Ending 10/02/21 (Week 39)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	108	199
ALBUQUERQUE	14	20
BEMIDJI	4	7
BILLINGS	10	23
CALIFORNIA	11	17
GREAT PLAINS	8	12
NASHVILLE	22	26
NAVAJO	6	26
OKLAHOMA	18	39
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

NR = Not Reported