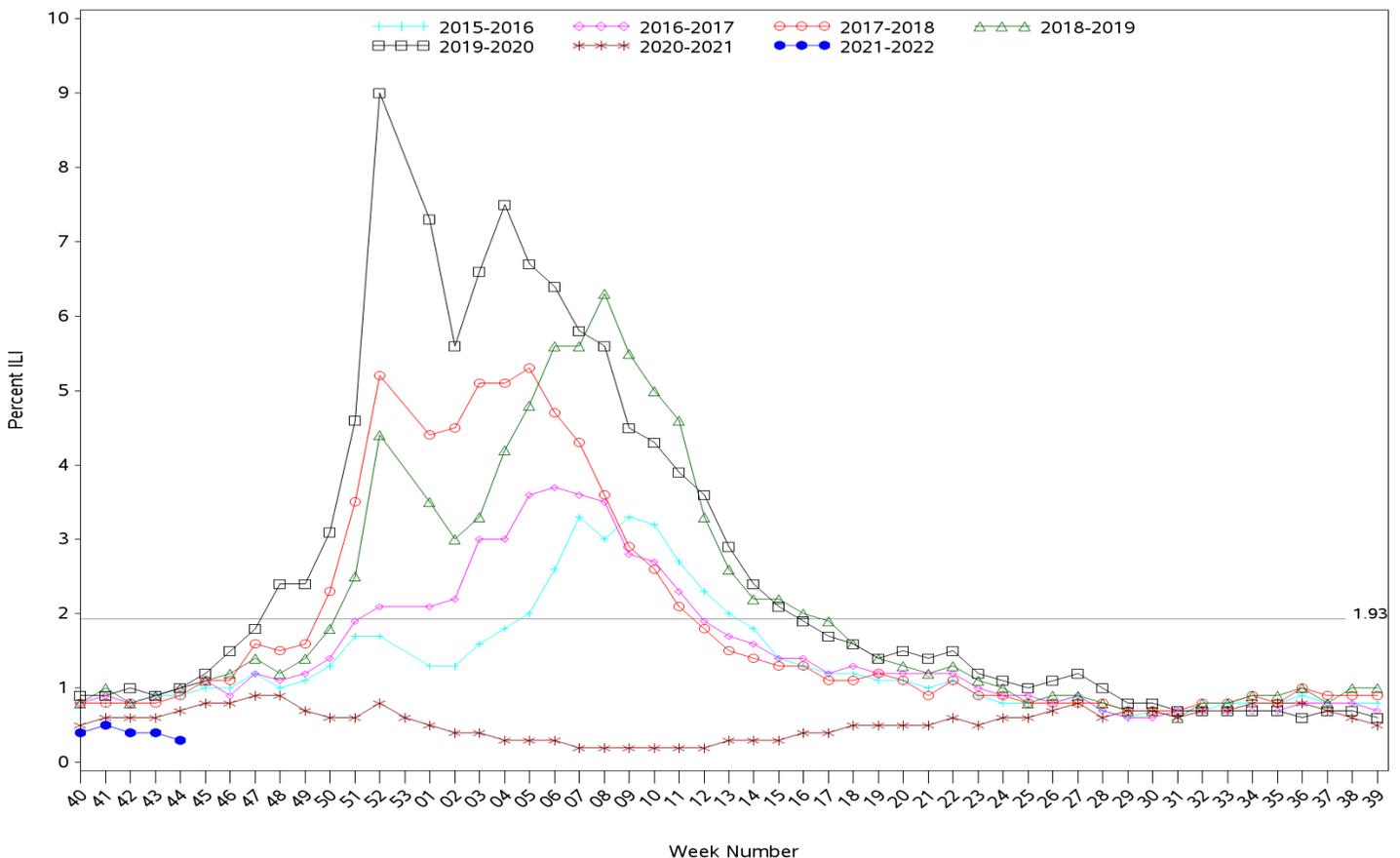




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 44: 10/31/2021 - 11/06/2021)

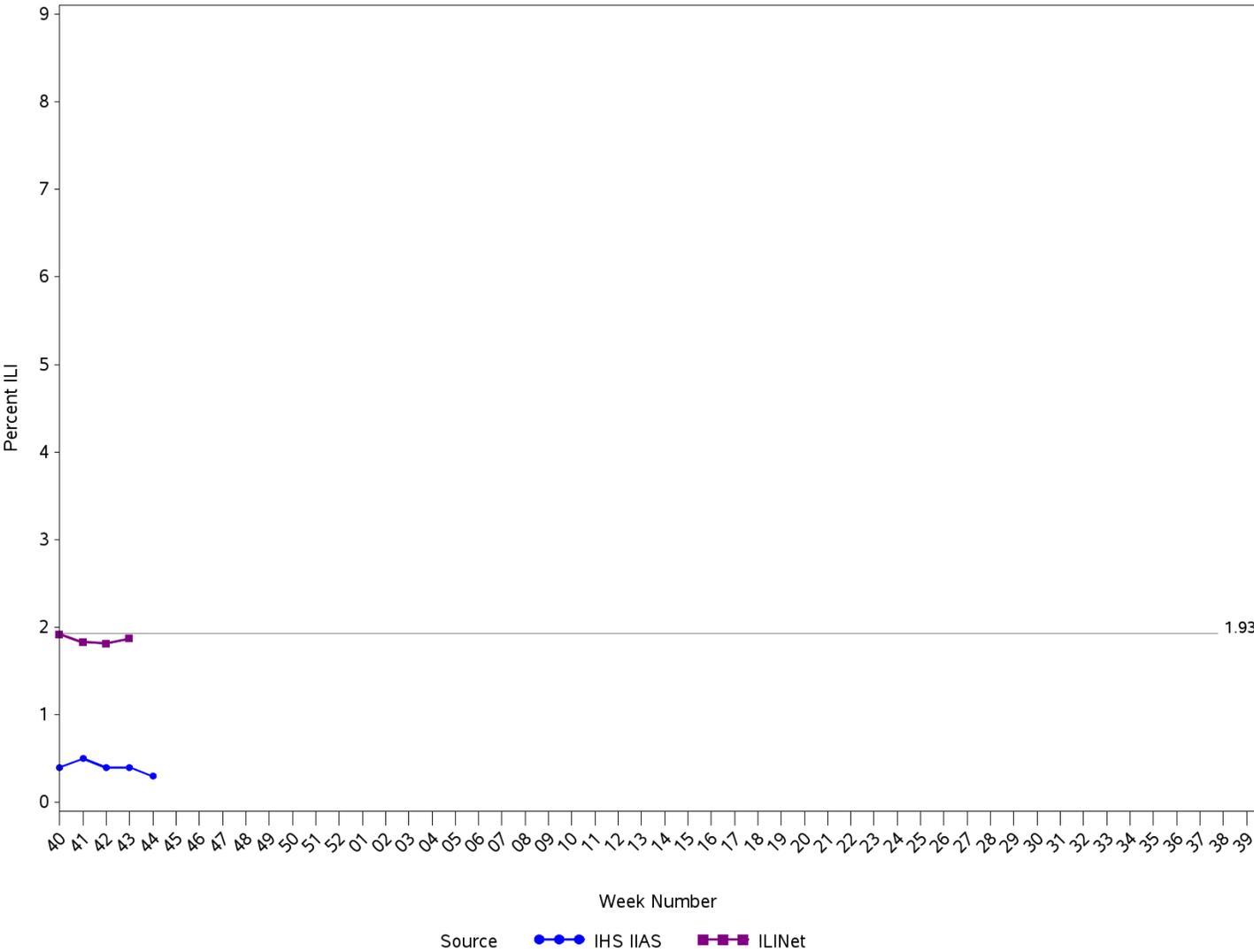
- IHS national Influenza-like illness (ILI) activity is low at 0.3%, below the IHS baseline of 1.93%
 - Six out of eleven IHS Areas reported a decrease in ILI activity, while other IHS Areas reported having consistent or slightly decreased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 44 (2.02%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 105,556 doses of influenza vaccine.
- Overall, 15.9% 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



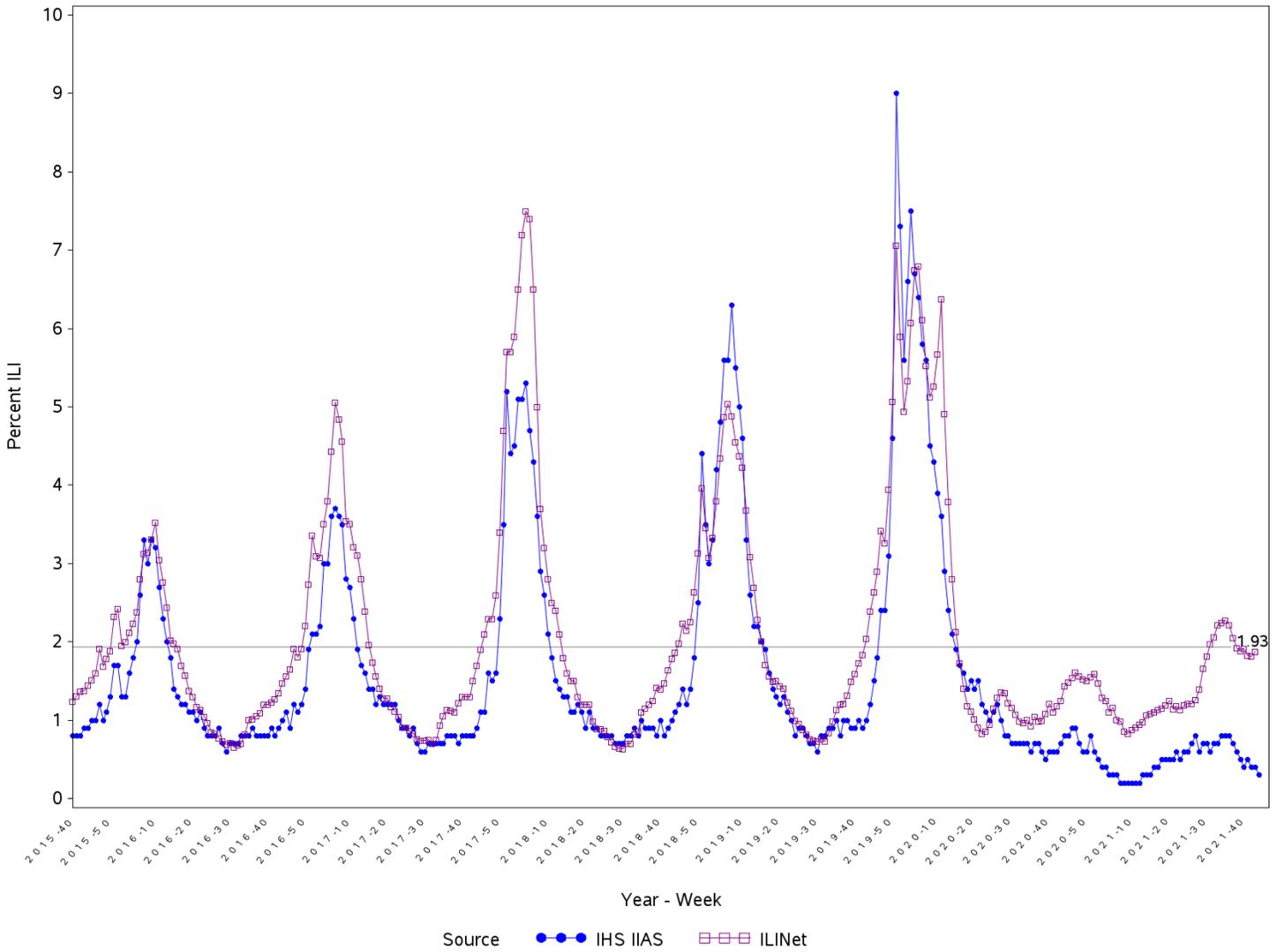
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.
 The horizontal line is the 2021-2022 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)
10/31/21 through 11/06/21 (Week 44)



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
10/31/21 through 11/06/21 (Week 44)



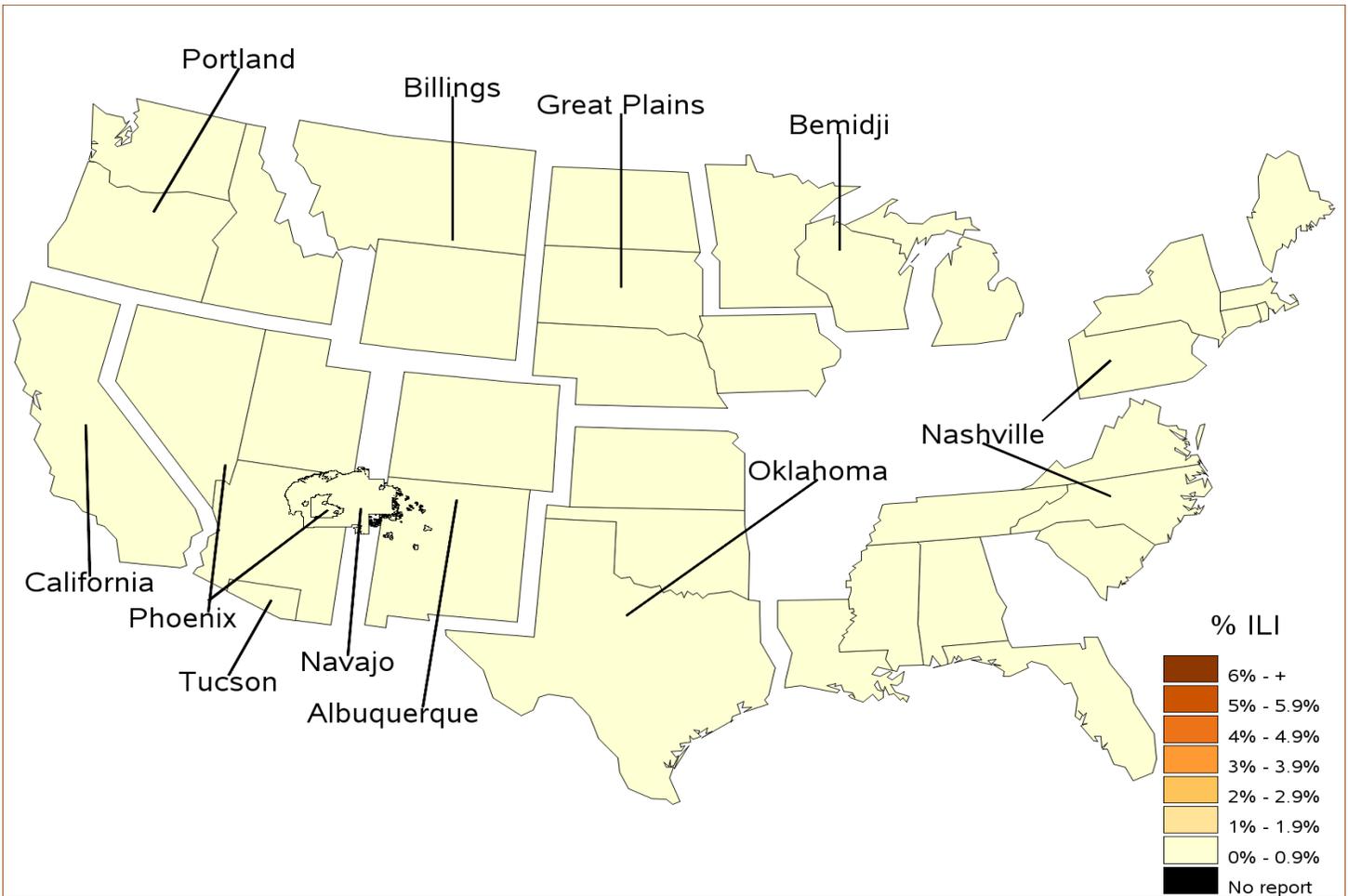
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 11/06/21 (Week 44)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/06/21 (Week 44)**

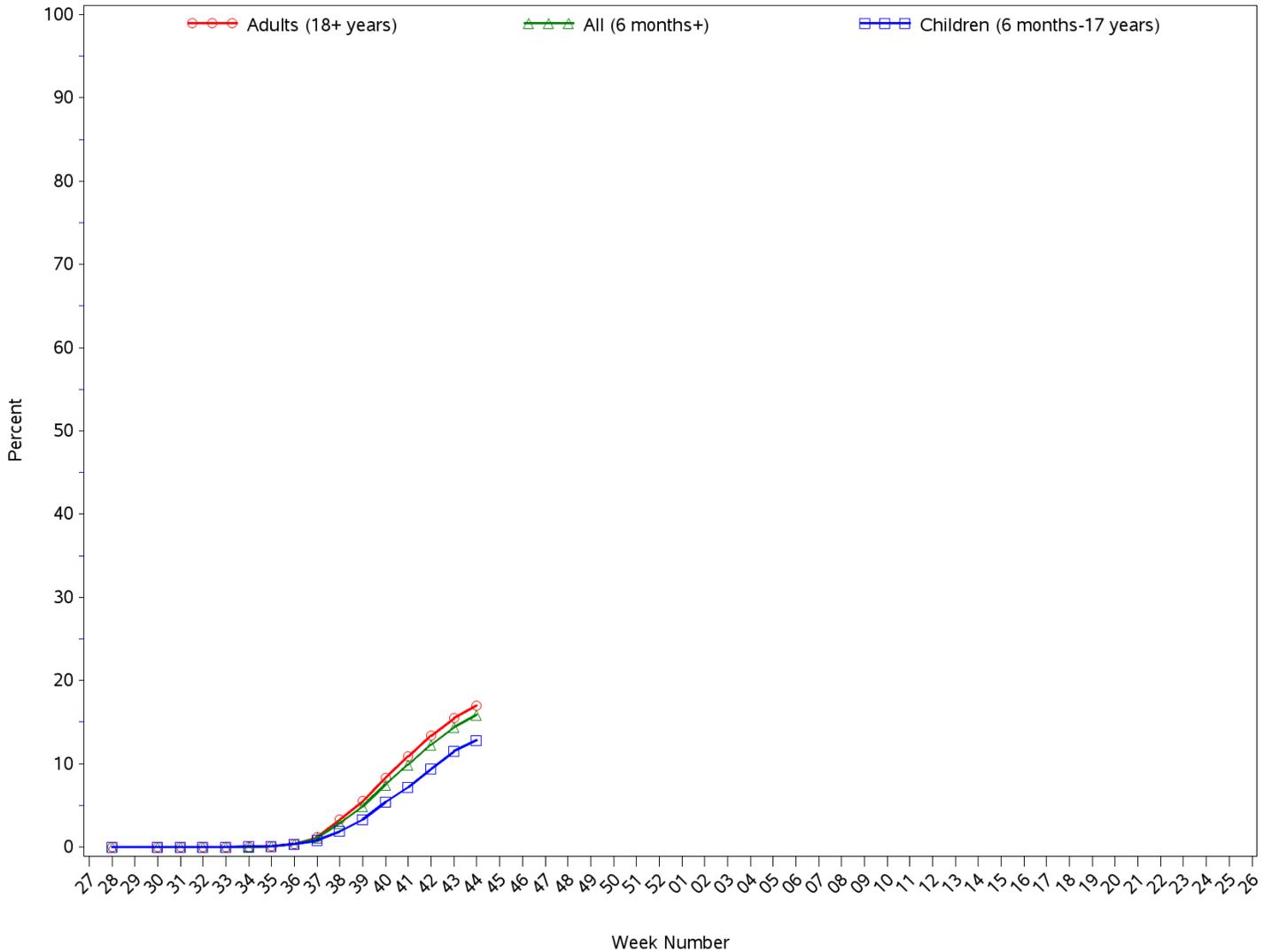
IHS Areas	Previous Week (43)	Current Week (44)
NATIONAL	0.4	0.3
ALBUQUERQUE	0.2	0.1
BEMIDJI	0.8	0.5
BILLINGS	0.4	0.5
CALIFORNIA	0.1	0.1
GREAT PLAINS	0.9	0.9
NASHVILLE	0.4	0.6
NAVAJO	0.4	0.2
OKLAHOMA	0.5	0.3
PHOENIX	0.4	0.3
PORTLAND	0.2	0.0
TUCSON	0.4	0.4

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

IHS Influenza Vaccination Surveillance

As of 11/06/2021, sites reporting to the IIAS have administered 105,556 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 11/06/21 (Week 44)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 11/06/21 (Week 44)**

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	2,480	6	0.2	0	0.0	6
6 - 23 months	12,345	1,963	15.9	84	0.7	2,051
2 - 4 years	32,927	3,075	9.3	7	0.0	3,091
5 - 17 years	134,099	17,976	13.4	22	0.0	18,059
18 - 49 years	272,129	36,875	13.6	84	0.0	37,101
50 - 64 years	120,832	29,845	24.7	78	0.1	30,076
65 + years	86,671	14,902	17.2	53	0.1	15,178
Children (6 months-17 years)	179,371	23,014	12.8	113	0.1	23,201
Adults (18+ years)	479,632	81,622	17.0	215	0.0	82,355
All (6 months+)	659,003	104,636	15.9	328	0.0	105,556

* 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 11/06/21 (Week 44)**

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	56	143	22	5,596	3,910	112	8	8	4	16	0	0	0	0	36	9,911
BEM	25	43	18	2,891	79	1	0	14	7	1	0	0	0	0	16	3,095
BIL	81	43	55	4,176	1,325	13	0	6	47	4	0	0	0	0	28	5,778
CAO	578	100	2	1,208	307	12	3	228	85	98	0	0	0	0	17	2,638
GPA	522	81	9	4,768	507	847	0	12	0	2	0	0	0	0	14	6,762
NSA	259	105	19	3,392	2,559	4	1	9	2	2	0	0	0	0	55	6,407
NAV	64	131	0	27,802	3,017	142	1	8	6	136	0	0	0	0	107	31,414
OKC	768	615	201	18,185	3,089	229	10	42	73	11	0	0	0	0	61	23,284
PHX	179	140	1	8,289	4,036	59	2	8	3	7	0	0	0	0	42	12,766
POR	75	26	25	345	916	8	0	117	0	0	0	0	0	0	8	1,520
TUC	11	4	0	2,783	26	10	0	3	0	0	0	0	0	0	2	2,839
	2,305	1,155	281	70,792	17,245	1,300	21	412	200	248	0	0	0	0	315	94,274

Patient Counts Not Deduplicated

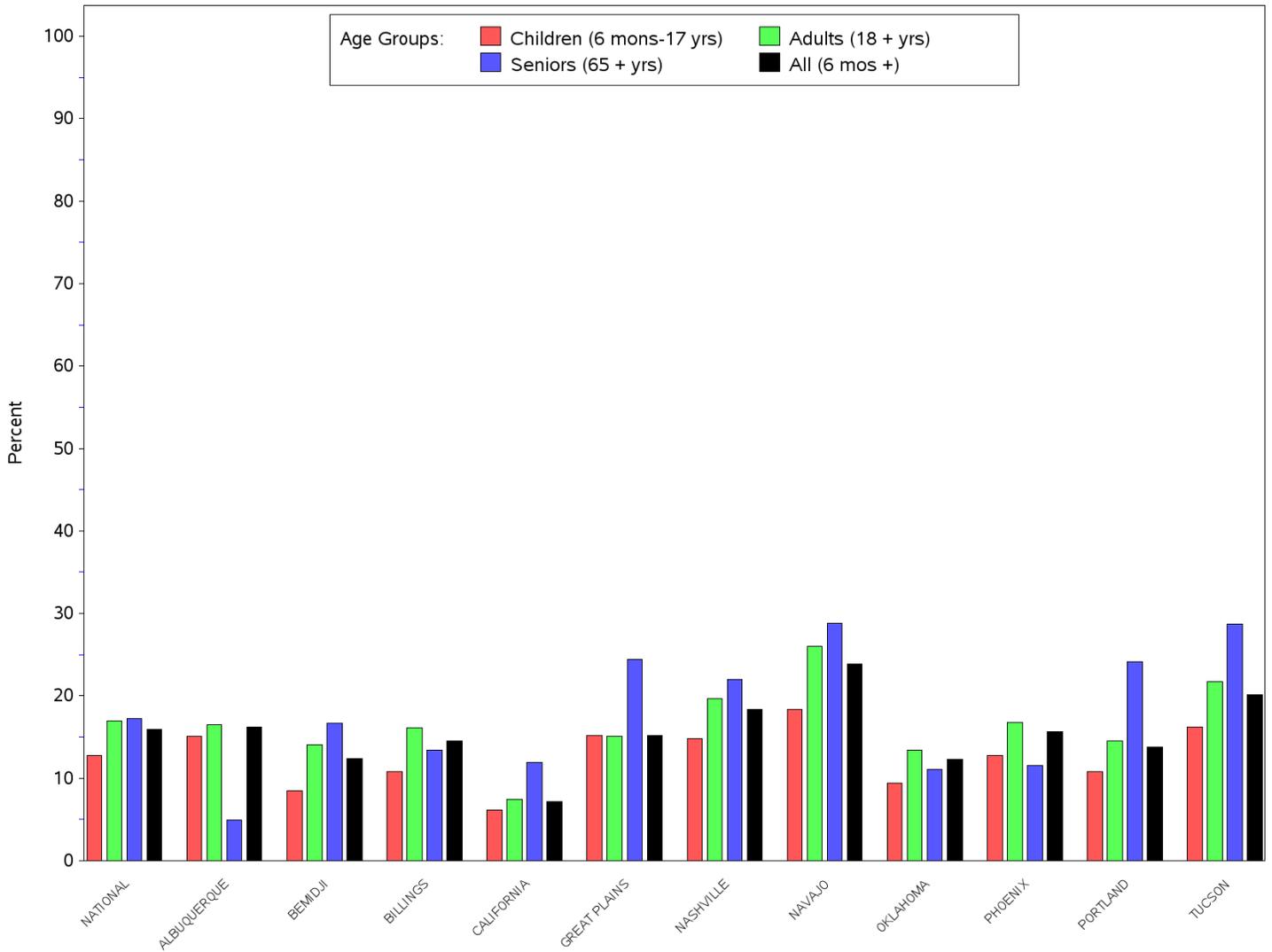
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 11/06/21 (Week 44)



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 11/06/21 (Week 44)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	12.8	17.0	17.2	15.9
ALBUQUERQUE	15.1	16.5	4.9	16.2
BEMIDJI	8.5	14.1	16.7	12.4
BILLINGS	10.8	16.1	13.4	14.5
CALIFORNIA	6.2	7.5	11.9	7.2
GREAT PLAINS	15.2	15.1	24.4	15.2
NASHVILLE	14.8	19.7	22.0	18.4
NAVAJO	18.4	26.0	28.8	23.9
OKLAHOMA	9.4	13.4	11.1	12.3
PHOENIX	12.8	16.8	11.6	15.7
PORTLAND	10.8	14.5	24.1	13.8
TUCSON	16.2	21.7	28.7	20.1

Number of RPMS Databases Reporting for Week Ending 11/06/21 (Week 44)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	106	179
ALBUQUERQUE	14	20
BEMIDJI	3	6
BILLINGS	10	20
CALIFORNIA	11	18
GREAT PLAINS	7	10
NASHVILLE	22	26
NAVAJO	6	16
OKLAHOMA	18	35
PHOENIX	7	16
PORTLAND	7	9
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