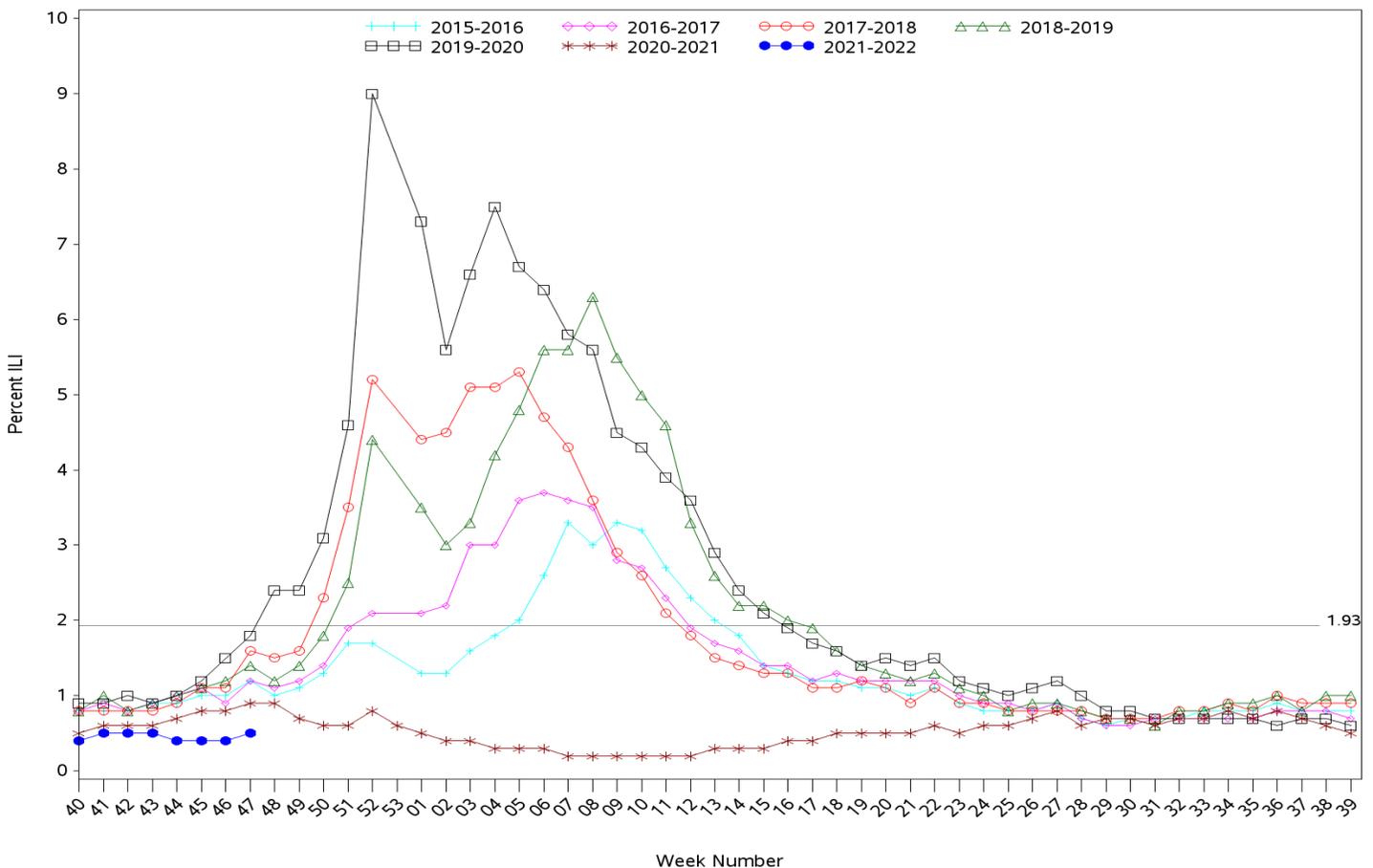




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 47: 11/21/2021 - 11/27/2021)

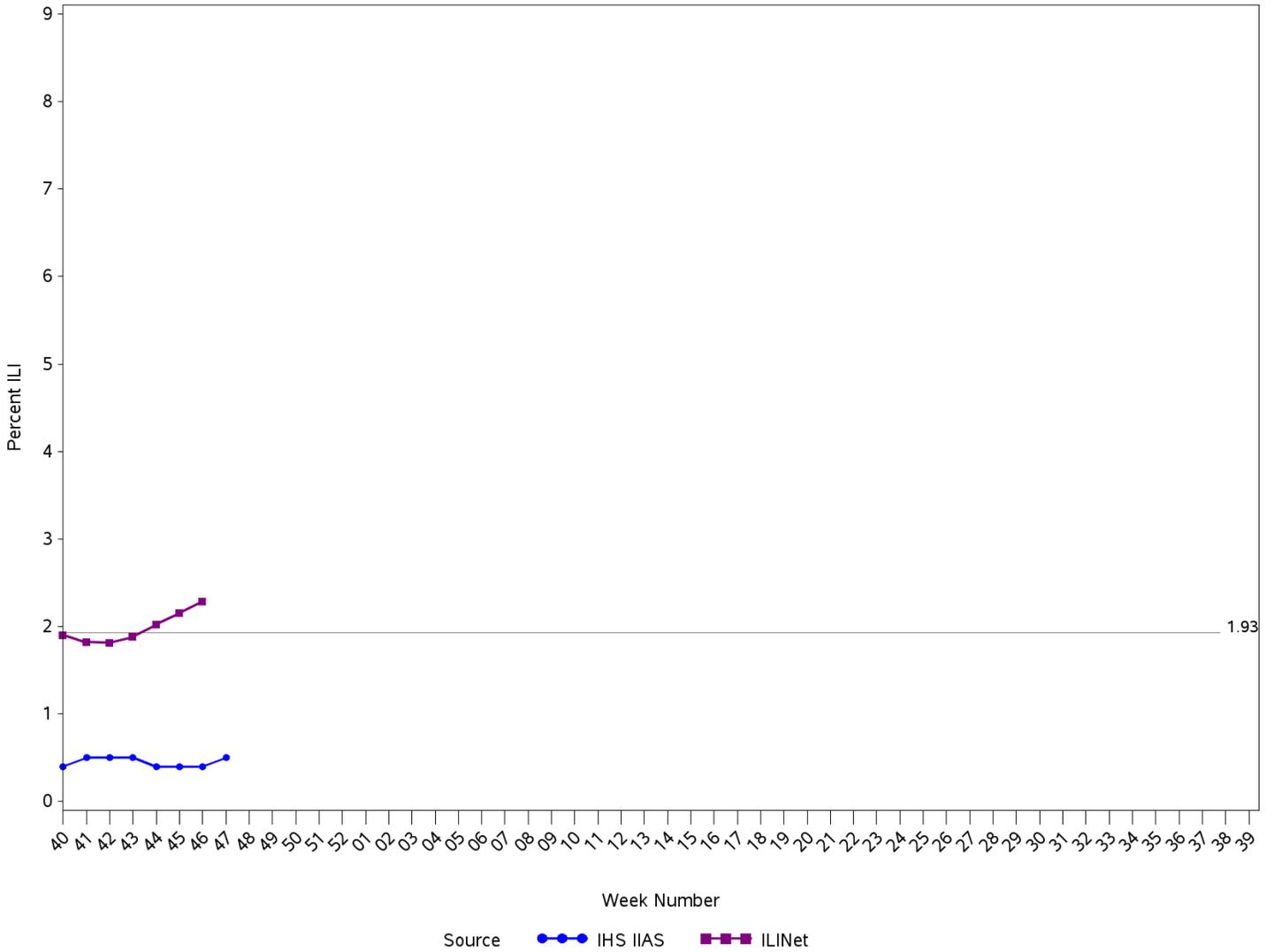
- IHS national Influenza-like illness (ILI) activity is low at 0.5%, below the IHS baseline of 1.93%
 - Seven out of eleven IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly decreased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 47 (2.35%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 133,300 doses of influenza vaccine.
- Overall, 20% 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 ILINet 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

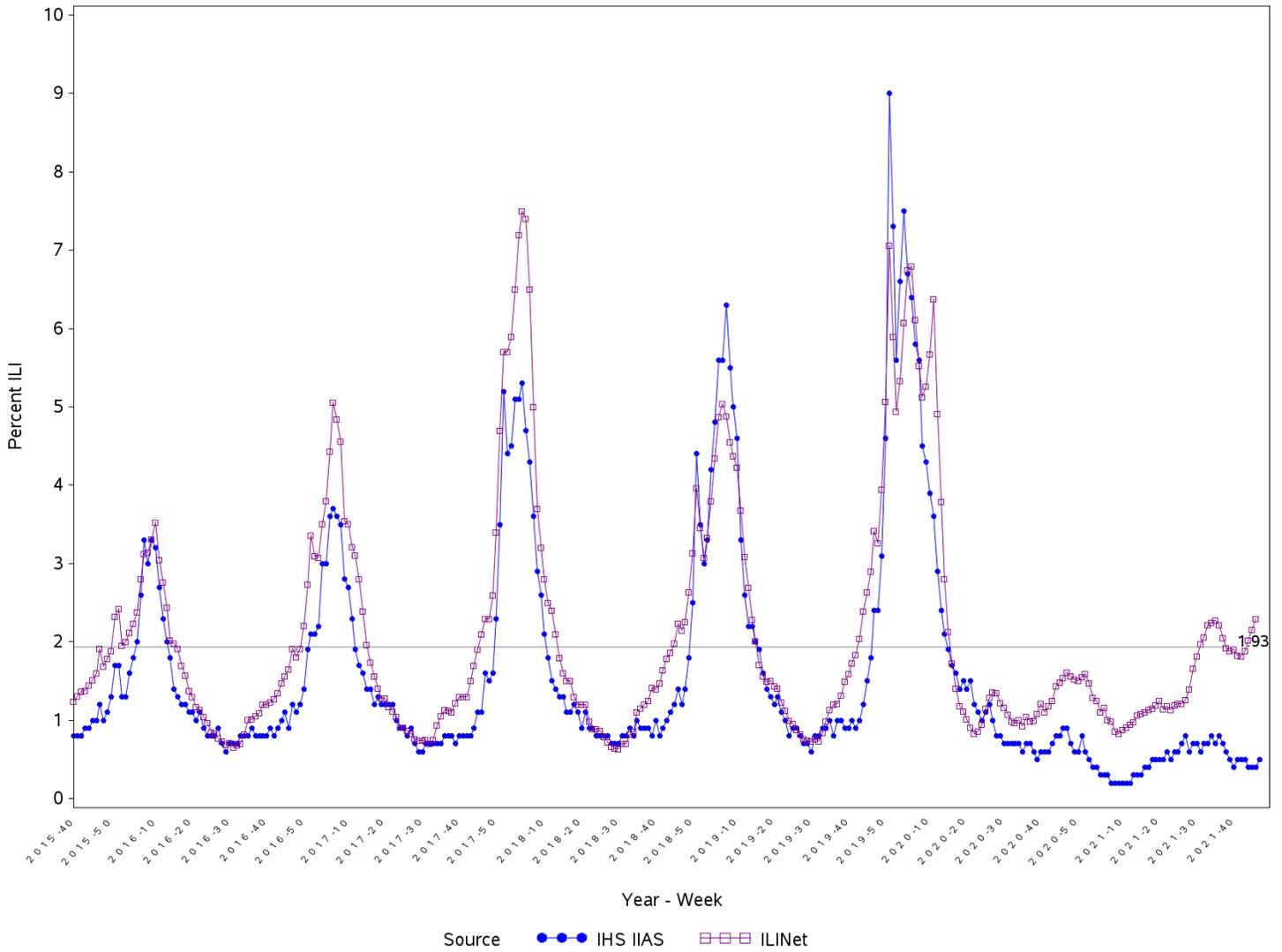
Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2021 - 2022
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/03/21 through 11/27/21 (Week 47)



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

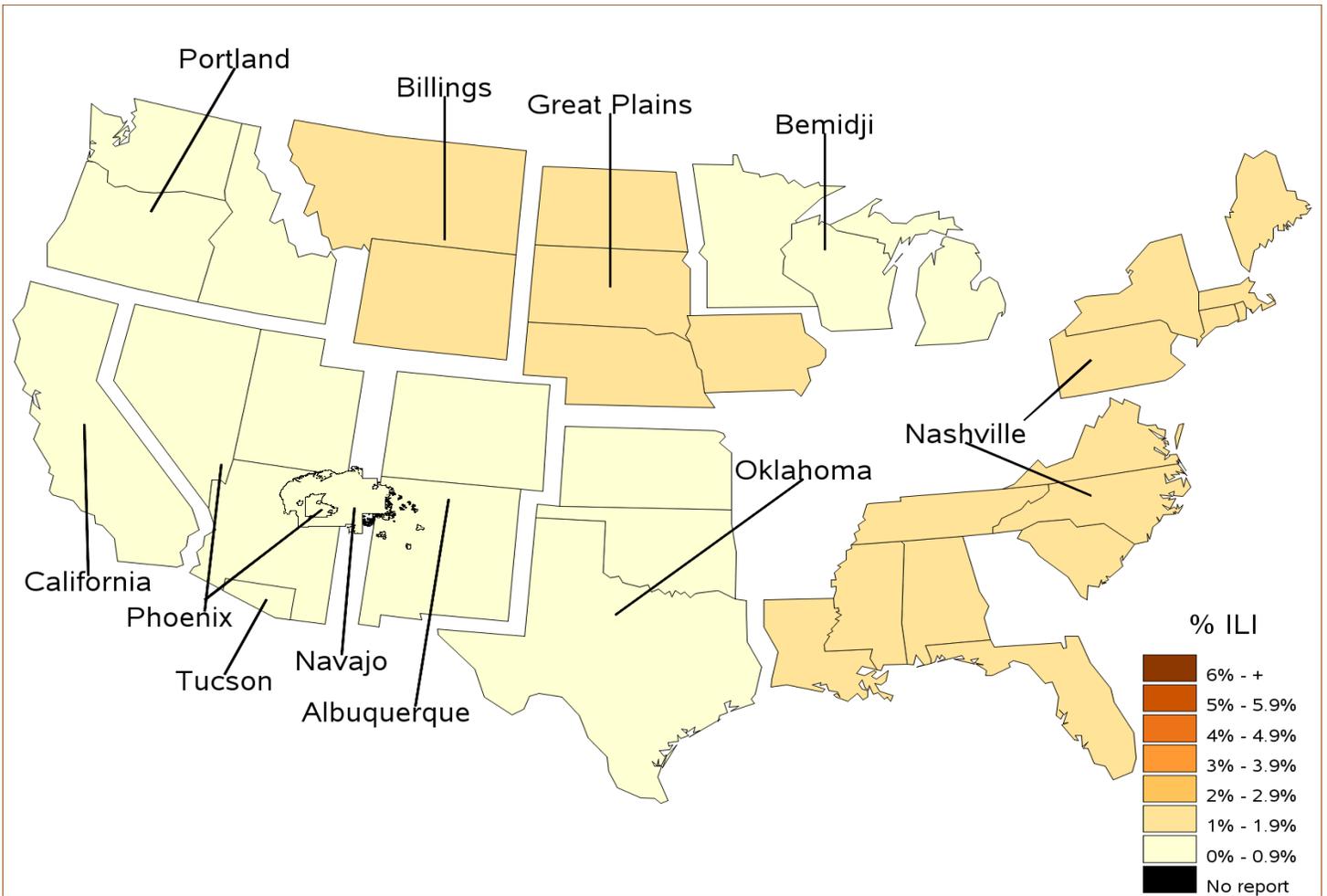
IHS Influenza-like Illness Awareness System vs. CDC ILINet
Influenza-Like Illness (ILI) for six year window from latest full week
Percentage of Visits for ILI per week
10/03/21 through 11/27/21 (Week 47)



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 IIAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 11/27/21 (Week 47)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/27/21 (Week 47)**

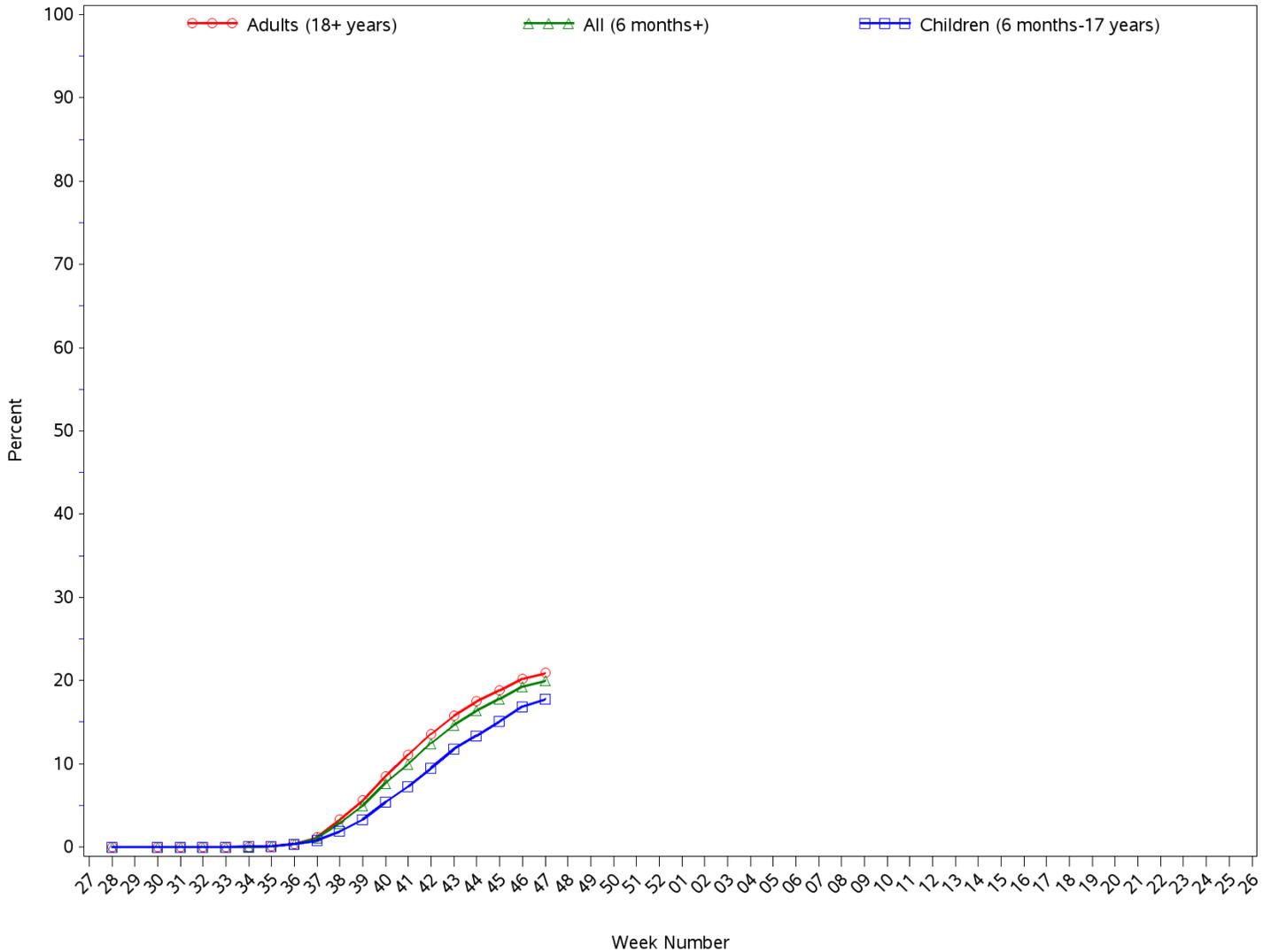
IHS Areas	Previous Week (46)	Current Week (47)
NATIONAL	0.4	0.5
ALBUQUERQUE	0.1	0.3
BEMIDJI	0.4	0.2
BILLINGS	0.5	1.0
CALIFORNIA	0.1	0.3
GREAT PLAINS	1.3	1.0
NASHVILLE	0.6	1.3
NAVAJO	0.2	0.3
OKLAHOMA	0.4	0.4
PHOENIX	0.3	0.5
PORTLAND	0.2	0.0
TUCSON	0.3	0.6

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

IHS Influenza Vaccination Surveillance

As of 11/27/2021, sites reporting to the IIAS have administered 133,300 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 11/27/21 (Week 47)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 11/27/21 (Week 47)

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	9	0.4	0	0.0	9
6 - 23 months	12,345	2,613	21.2	203	1.6	2,820
2 - 4 years	32,927	4,065	12.3	17	0.1	4,097
5 - 17 years	134,099	25,161	18.8	70	0.1	25,316
18 - 49 years	272,129	46,272	17.0	145	0.1	46,605
50 - 64 years	120,832	36,221	30.0	135	0.1	36,540
65 + years	86,671	17,572	20.3	77	0.1	17,922
Children (6 months-17 years)	179,371	31,839	17.8	290	0.2	32,233
Adults (18+ years)	479,632	100,065	20.9	357	0.1	101,067
All (6 months+)	659,003	131,904	20.0	647	0.1	133,300

* 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 11/27/21 (Week 47)

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	94	211	30	7,449	4,910	152	10	13	5	19	0	0	0	0	54	12,947
BEM	25	54	19	3,525	85	1	0	14	9	1	0	0	0	0	24	3,757
BIL	107	73	75	5,530	1,551	15	0	8	40	9	0	0	0	0	37	7,445
CAO	700	128	5	1,626	357	14	3	269	107	111	0	0	0	0	21	3,341
GPA	622	101	10	5,807	733	1,019	0	13	0	2	0	0	0	0	16	8,323
NSA	302	151	23	4,159	2,922	10	1	30	8	3	0	0	0	0	64	7,673
NAV	80	175	0	36,000	3,206	159	1	11	7	200	0	0	0	0	148	39,987
OKC	962	935	255	21,488	3,859	275	14	69	89	21	0	0	0	0	63	28,030
PHX	208	238	1	11,230	5,589	72	2	11	3	7	0	0	0	0	49	17,410
POR	85	42	28	380	1,118	12	0	152	1	0	0	0	0	0	9	1,827
TUC	15	5	0	3,647	36	19	0	3	0	0	0	0	0	0	4	3,729
	3,200	2,113	446	100,841	24,366	1,748	31	593	269	373	0	0	0	0	489	134,469

Patient Counts Not Deduplicated

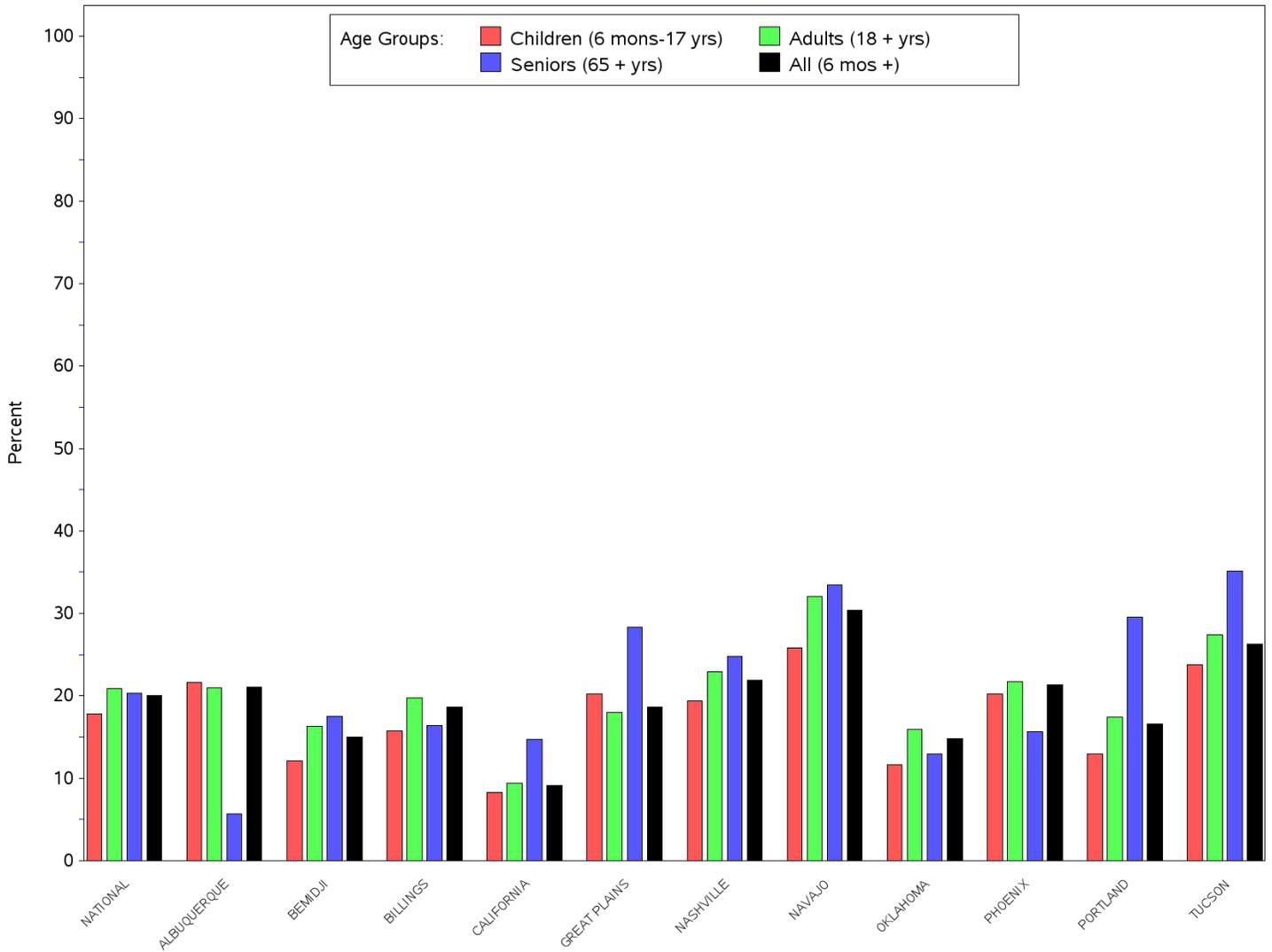
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 11/27/21 (Week 47)



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 11/27/21 (Week 47)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	17.8	20.9	20.3	20.0
ALBUQUERQUE	21.6	21.0	5.7	21.1
BEMIDJI	12.1	16.3	17.5	15.0
BILLINGS	15.8	19.8	16.4	18.6
CALIFORNIA	8.3	9.4	14.7	9.1
GREAT PLAINS	20.2	18.0	28.3	18.6
NASHVILLE	19.4	22.9	24.8	21.9
NAVAJO	25.8	32.1	33.5	30.4
OKLAHOMA	11.7	15.9	13.0	14.8
PHOENIX	20.2	21.7	15.7	21.3
PORTLAND	13.0	17.4	29.5	16.6
TUCSON	23.8	27.4	35.1	26.3

Number of RPMS Databases Reporting for Week Ending 11/27/21 (Week 47)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	99	162
ALBUQUERQUE	14	20
BEMIDJI	2	3
BILLINGS	10	20
CALIFORNIA	11	16
GREAT PLAINS	7	9
NASHVILLE	22	25
NAVAJO	5	12
OKLAHOMA	17	34
PHOENIX	7	16
PORTLAND	3	4
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