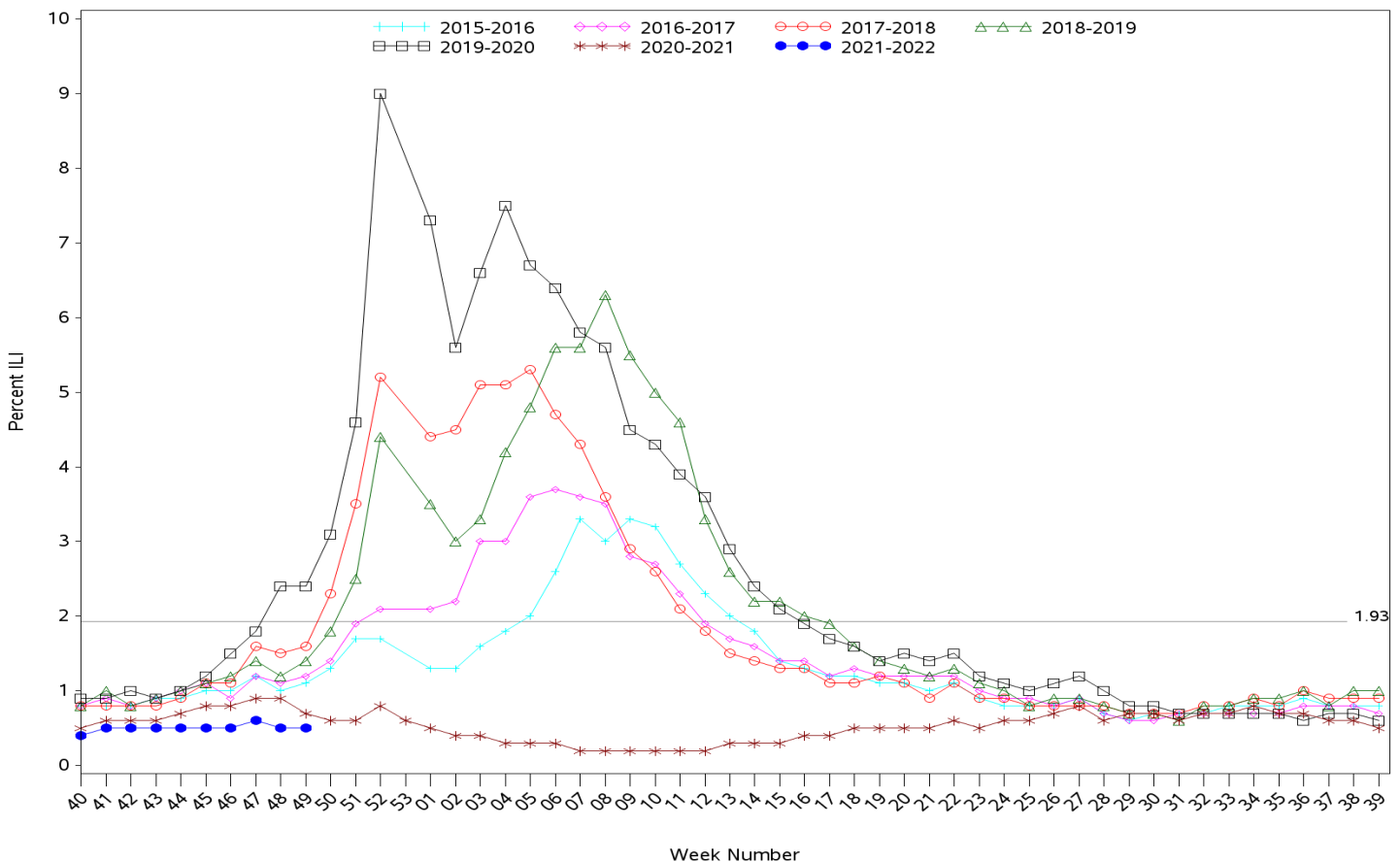




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 49: 12/05/2021 – 12/11/2021)**

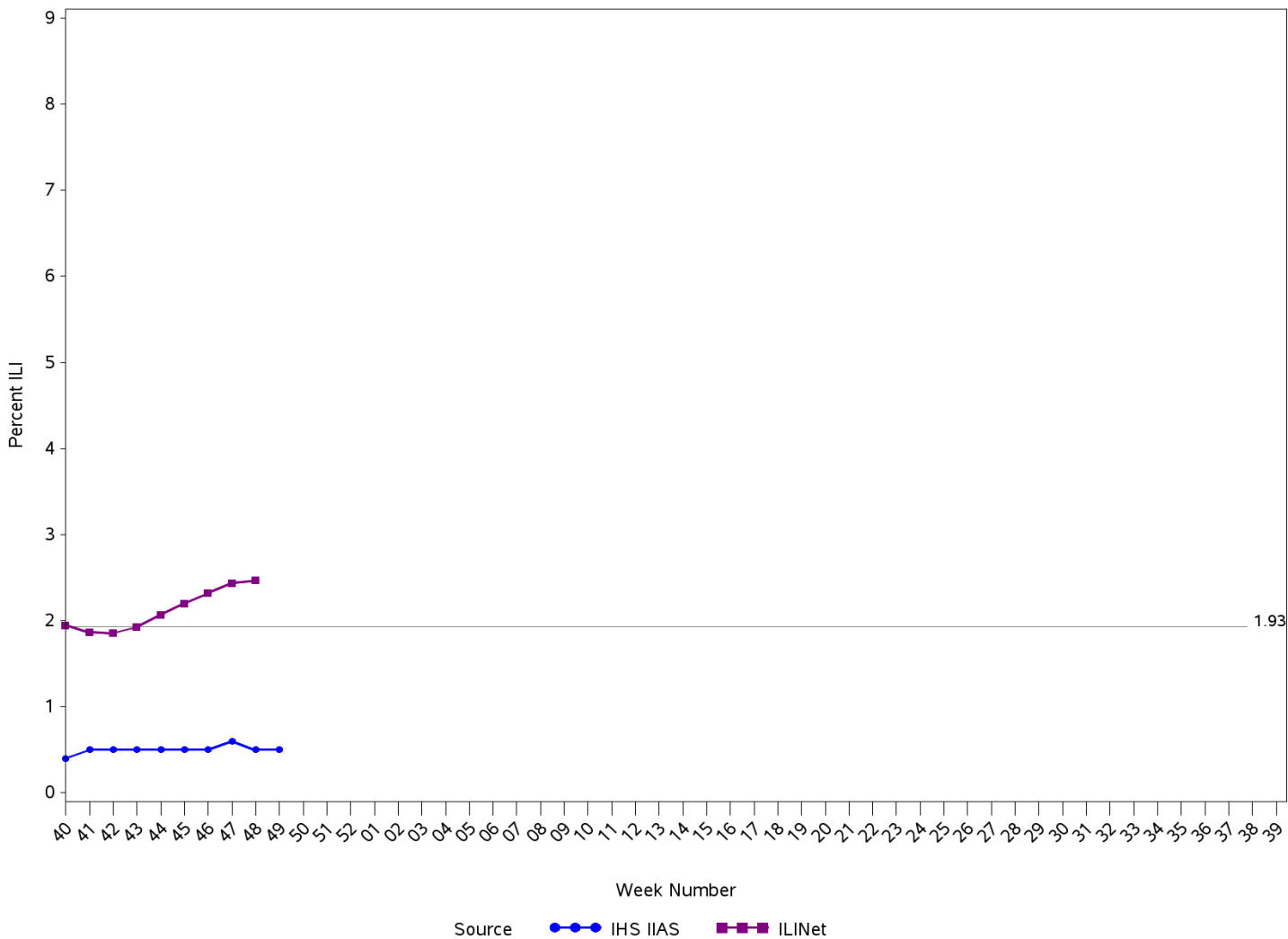
- IHS national Influenza-like illness (ILI) activity is low at 0.5%, below the IHS baseline of 1.93%
  - Six out of eleven IHS Areas reported a decrease in ILI activity, while other IHS Areas reported having consistent or slightly decreased ILI activity from the previous week.
  - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 49 (2.63%), and below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 149,549 doses of influenza vaccine.
- Overall, 22.4% 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)**  
**10/03/21 through 12/11/21 (Week 49)**



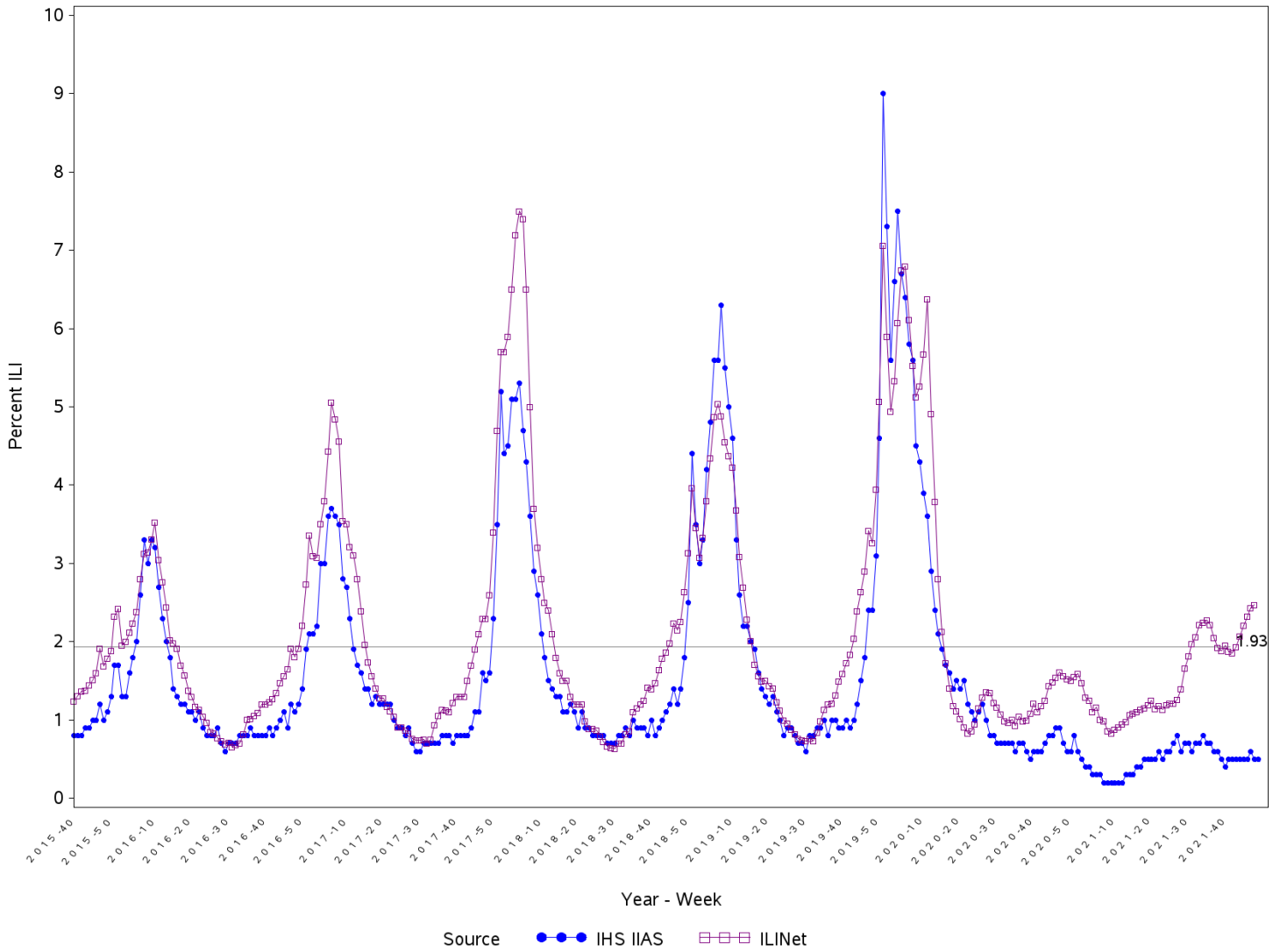
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

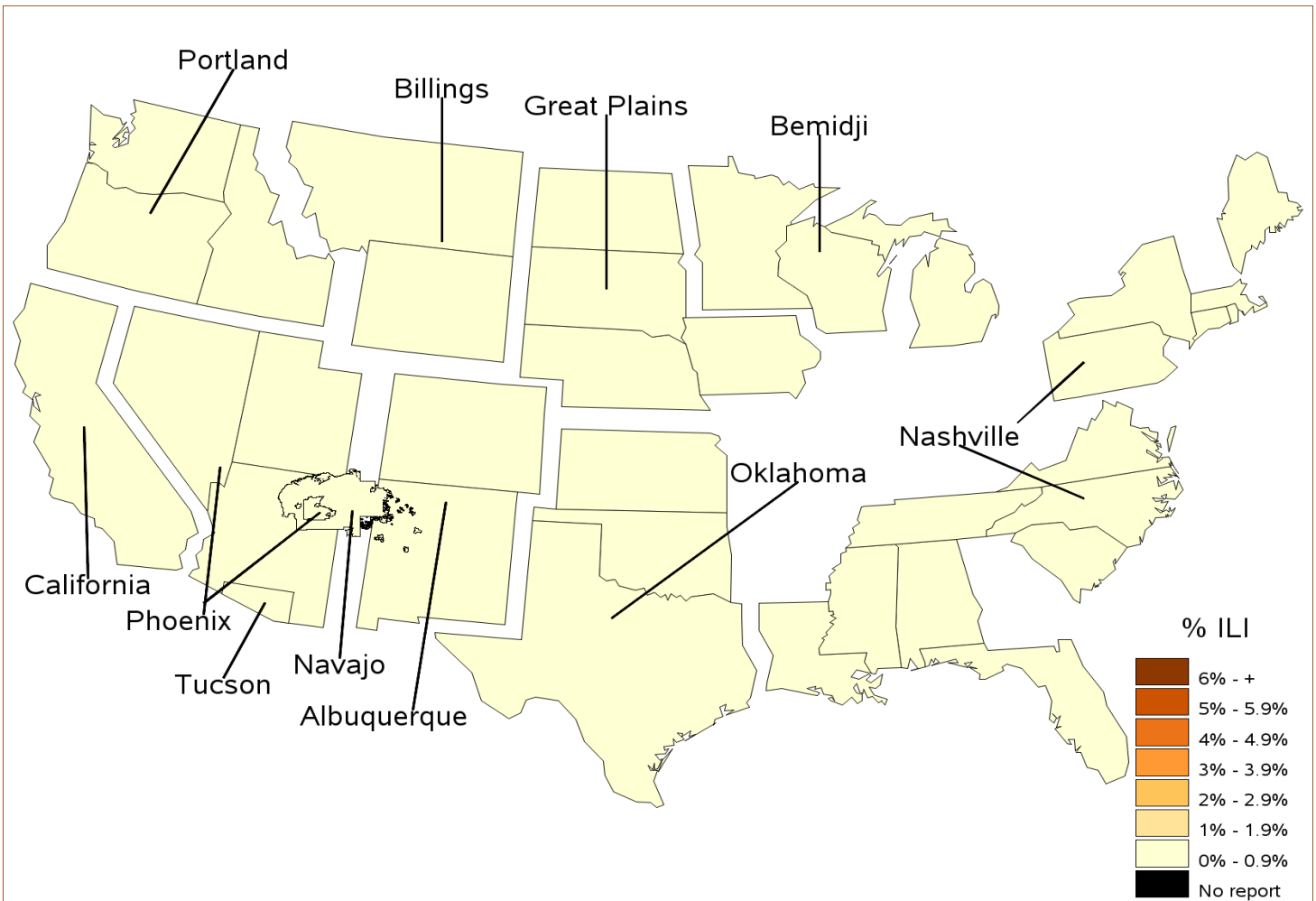
**IHS Influenza-like Illness Awareness System vs. CDC ILINet  
Influenza-Like Illness (ILI) for six year window from latest full week  
Percentage of Visits for ILI per week  
10/03/21 through 12/11/21 (Week 49)**



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 12/11/21 (Week 49)**



**Percent ILI Visits\*  
Current week compared to previous week  
For Week Ending 12/11/21 (Week 49)**

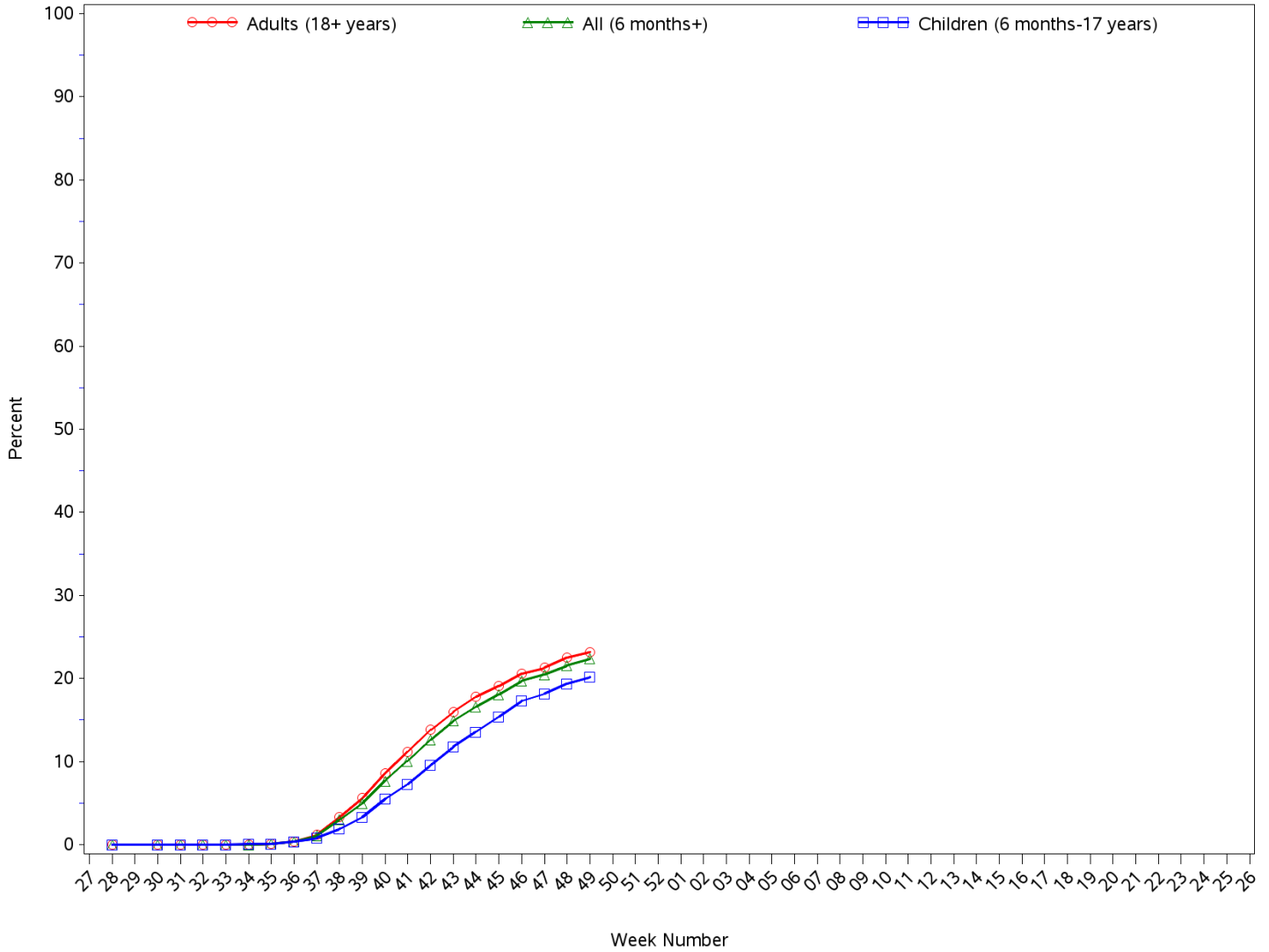
IHS Areas	Previous Week (48)	Current Week (49)
NATIONAL	0.5	0.5
ALBUQUERQUE	0.2	0.2
BEMIDJI	0.7	0.6
BILLINGS	0.6	0.8
CALIFORNIA	0.2	0.1
GREAT PLAINS	0.9	0.8
NASHVILLE	0.9	0.8
NAVAJO	0.2	0.2
OKLAHOMA	0.7	0.8
PHOENIX	0.5	0.5
PORTLAND	0.2	0.1
TUCSON	0.8	0.5

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

# IHS Influenza Vaccination Surveillance

As of 12/11/2021, sites reporting to the IIAS have administered 149,549 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 12/11/21 (Week 49)



**All Reporting IHS Areas**  
**Seasonal Influenza Vaccine Coverage by Age Group\***  
**Active Clinical Population\*\***  
**07/04/21 through 12/11/21 (Week 49)**

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	2,472	14	0.6	0	0.0	14
6 - 23 months	12,341	3,163	25.6	372	3.0	3,540
2 - 4 years	32,925	4,731	14.4	33	0.1	4,781
5 - 17 years	134,087	28,410	21.2	91	0.1	28,603
18 - 49 years	272,114	52,054	19.1	188	0.1	52,452
50 - 64 years	120,828	40,105	33.2	167	0.1	40,482
65 + years	86,674	19,304	22.3	97	0.1	19,691
Children (6 months-17 years)	179,353	36,304	20.2	496	0.3	36,924
Adults (18+ years)	479,616	111,463	23.2	452	0.1	112,625
All (6 months+)	658,969	147,767	22.4	948	0.1	149,549

\* 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 12/11/21 (Week 49)**

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	120	261	48	8,492	5,321	187	11	14	7	21	0	0	0	0	57	14,539
BEM	26	59	19	3,841	90	1	0	14	9	1	0	0	0	0	26	4,086
BIL	113	89	101	6,206	1,665	21	0	8	40	9	0	0	0	0	40	8,292
CAO	735	143	5	1,847	378	15	3	272	146	142	0	0	0	0	25	3,711
GPA	654	120	10	6,319	913	893	0	13	0	2	0	0	0	0	17	8,941
NSA	345	186	27	4,612	3,101	12	1	42	12	3	0	0	0	0	81	8,422
NAV	94	260	0	40,108	3,403	181	1	11	9	228	0	0	0	0	189	44,484
OKC	1,112	1,380	293	24,754	4,094	315	25	92	92	21	0	0	0	0	75	32,253
PHX	223	336	1	13,198	6,196	75	2	18	3	7	0	0	0	0	51	20,110
POR	94	50	30	395	1,226	13	0	153	1	1	0	0	0	0	11	1,974
TUC	21	7	0	4,068	40	23	0	4	0	0	0	0	0	0	6	4,169
	<b>3,537</b>	<b>2,891</b>	<b>534</b>	<b>113,840</b>	<b>26,427</b>	<b>1,736</b>	<b>43</b>	<b>641</b>	<b>319</b>	<b>435</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>578</b>	<b>150,981</b>

Patient Counts Not Deduplicated

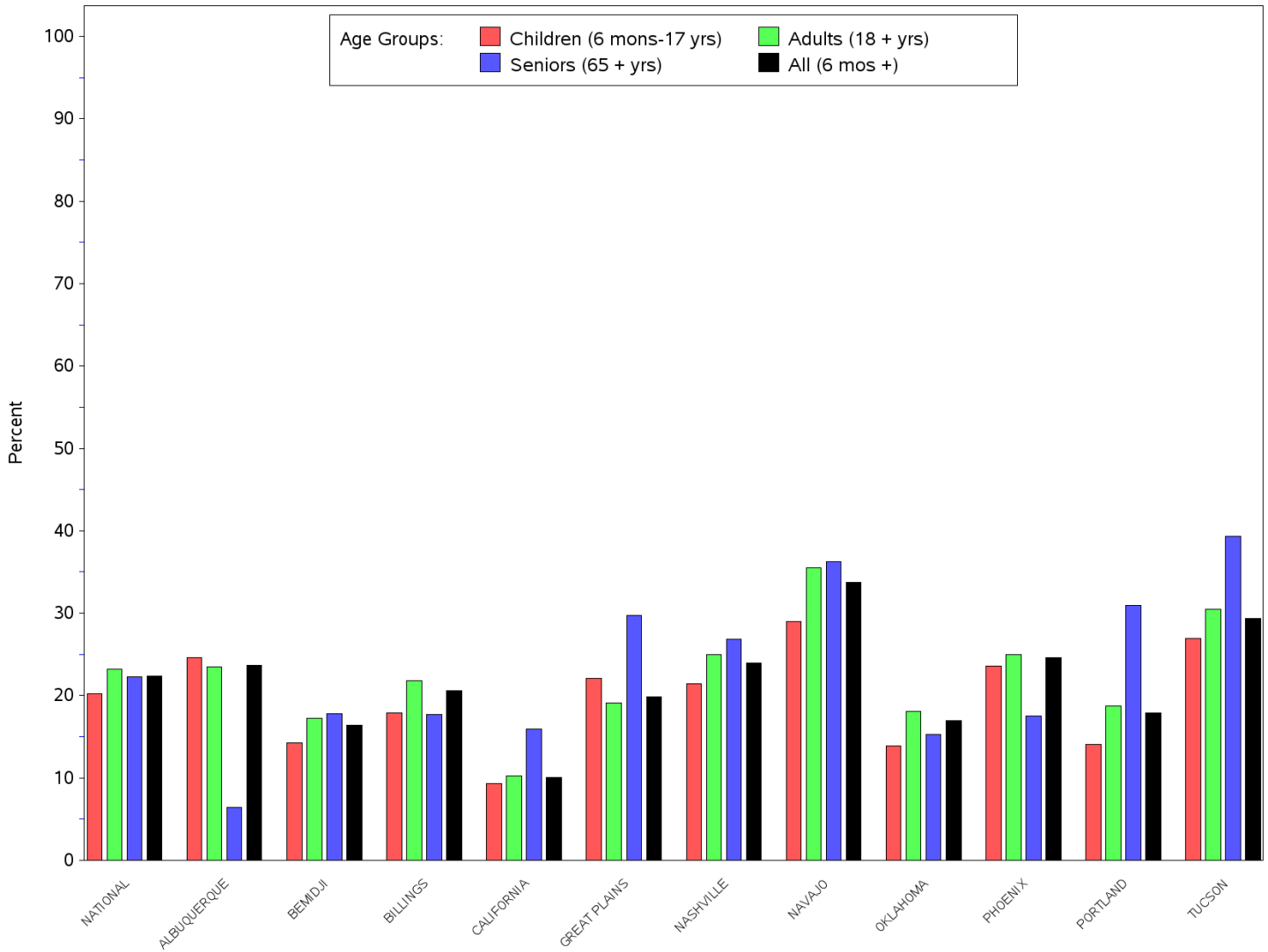
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 12/11/21 (Week 49)**



**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 12/11/21 (Week 49)**

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	20.2	23.2	22.3	22.4
ALBUQUERQUE	24.6	23.5	6.4	23.7
BEMIDJI	14.3	17.2	17.8	16.4
BILLINGS	17.9	21.8	17.7	20.6
CALIFORNIA	9.3	10.3	15.9	10.1
GREAT PLAINS	22.1	19.1	29.7	19.9
NASHVILLE	21.4	25.0	26.8	24.0
NAVAJO	29.0	35.5	36.3	33.7
OKLAHOMA	13.9	18.1	15.3	17.0
PHOENIX	23.6	25.0	17.5	24.6
PORTLAND	14.1	18.7	30.9	17.9
TUCSON	26.9	30.5	39.3	29.4

**Number of RPMS Databases Reporting for Week Ending 12/11/21 (Week 49)**

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	98	159
ALBUQUERQUE	14	21
BEMIDJI	2	3
BILLINGS	10	19
CALIFORNIA	11	16
GREAT PLAINS	7	10
NASHVILLE	21	25
NAVAJO	5	15
OKLAHOMA	17	26
PHOENIX	7	16
PORTLAND	3	4
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