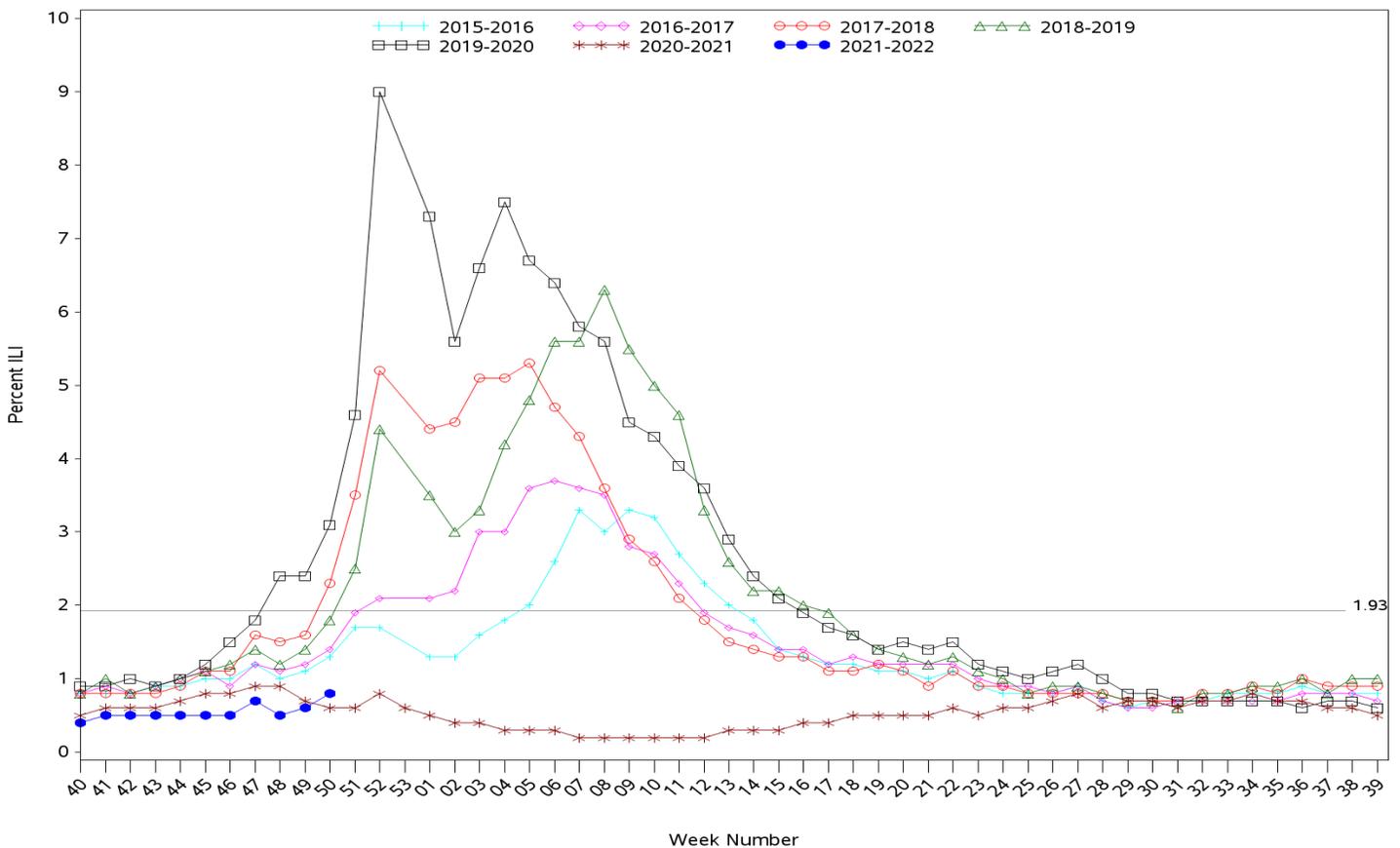




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 50: 12/12/2021 – 12/18/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.8%, below the IHS baseline of 1.93%
 - Eight 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 50 (3.00%), and below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 155,995 doses of influenza vaccine.
- Overall, 23.4% 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.

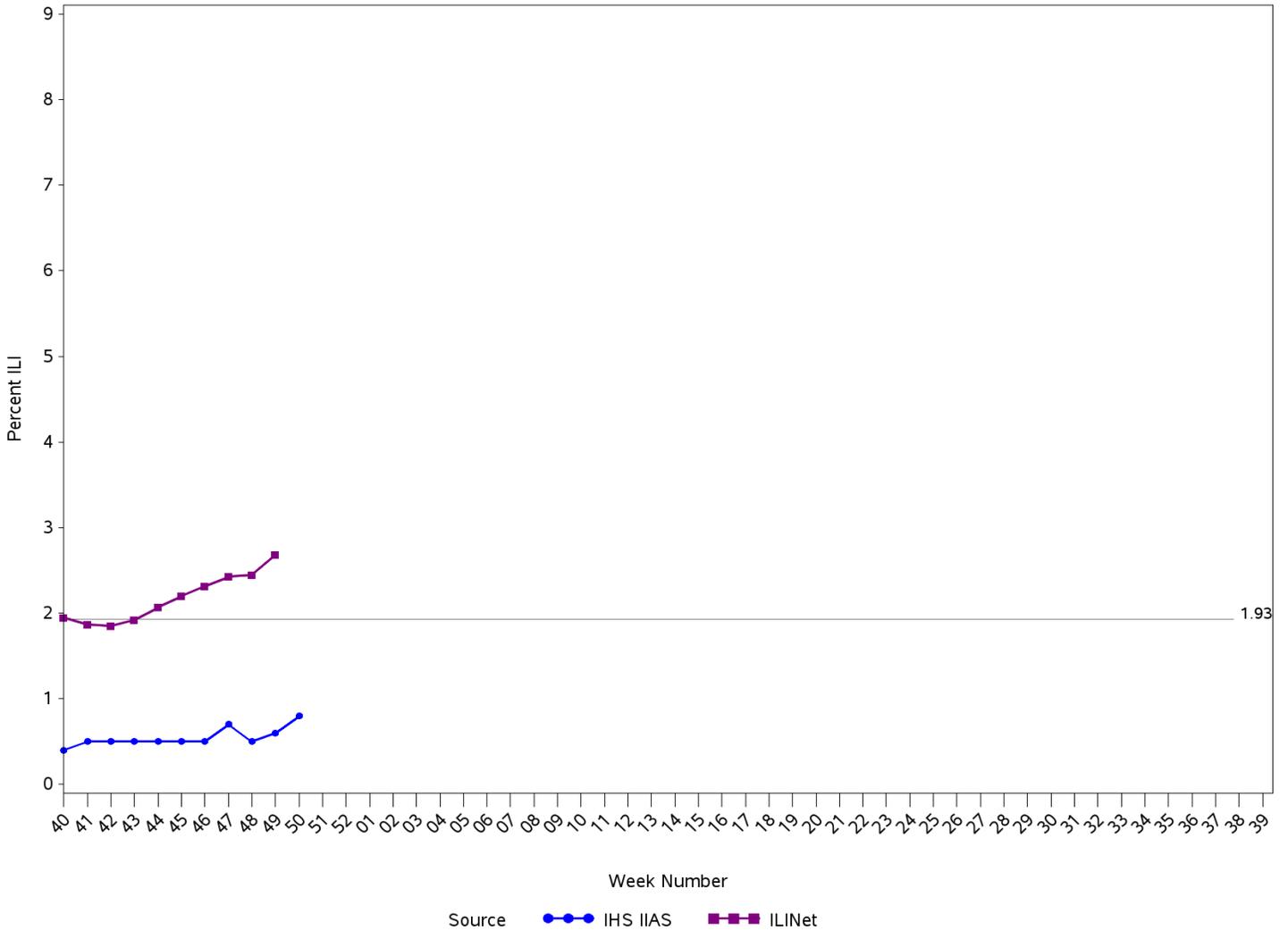
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

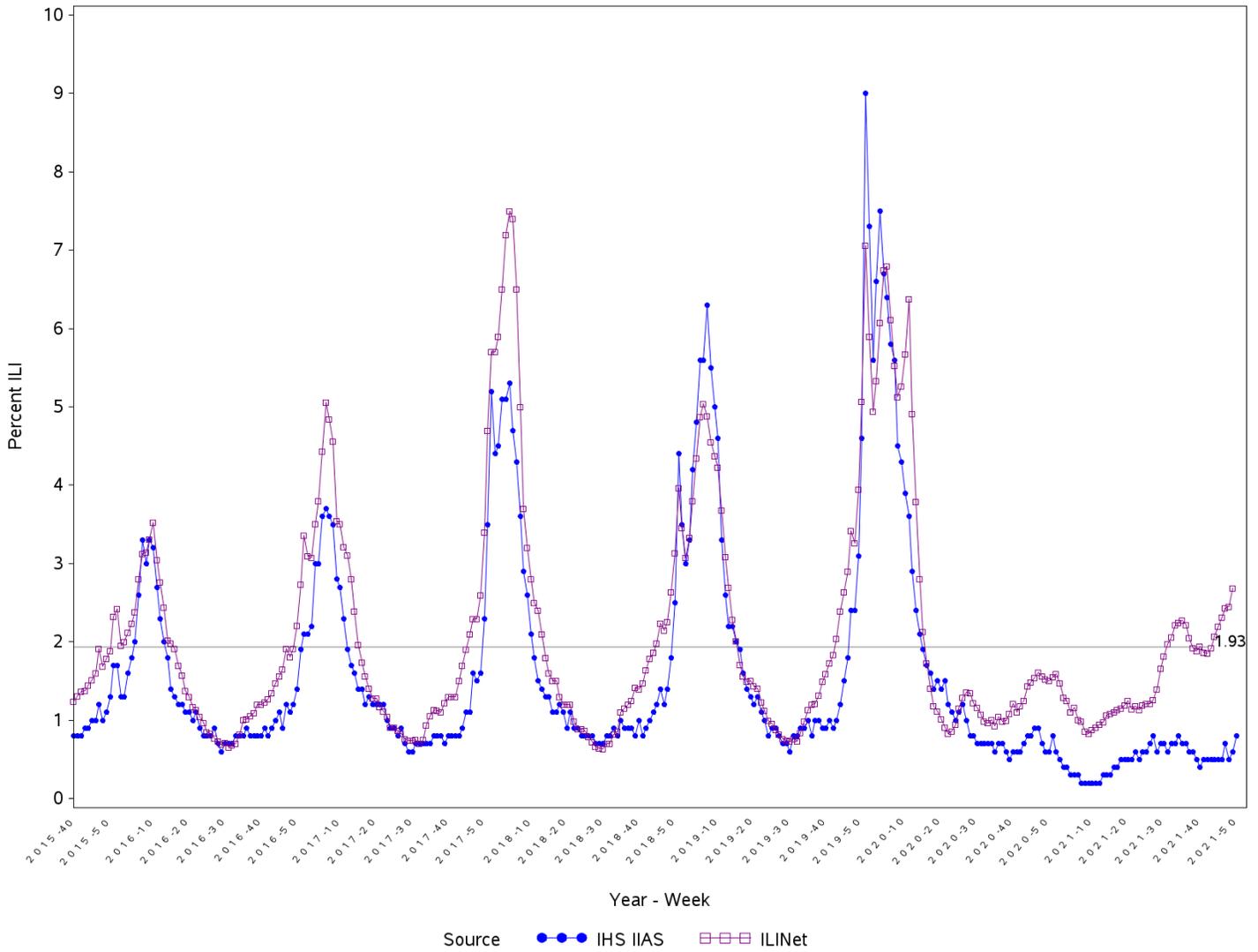
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 12/18/21 (Week 50)



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 12/18/21 (Week 50)**



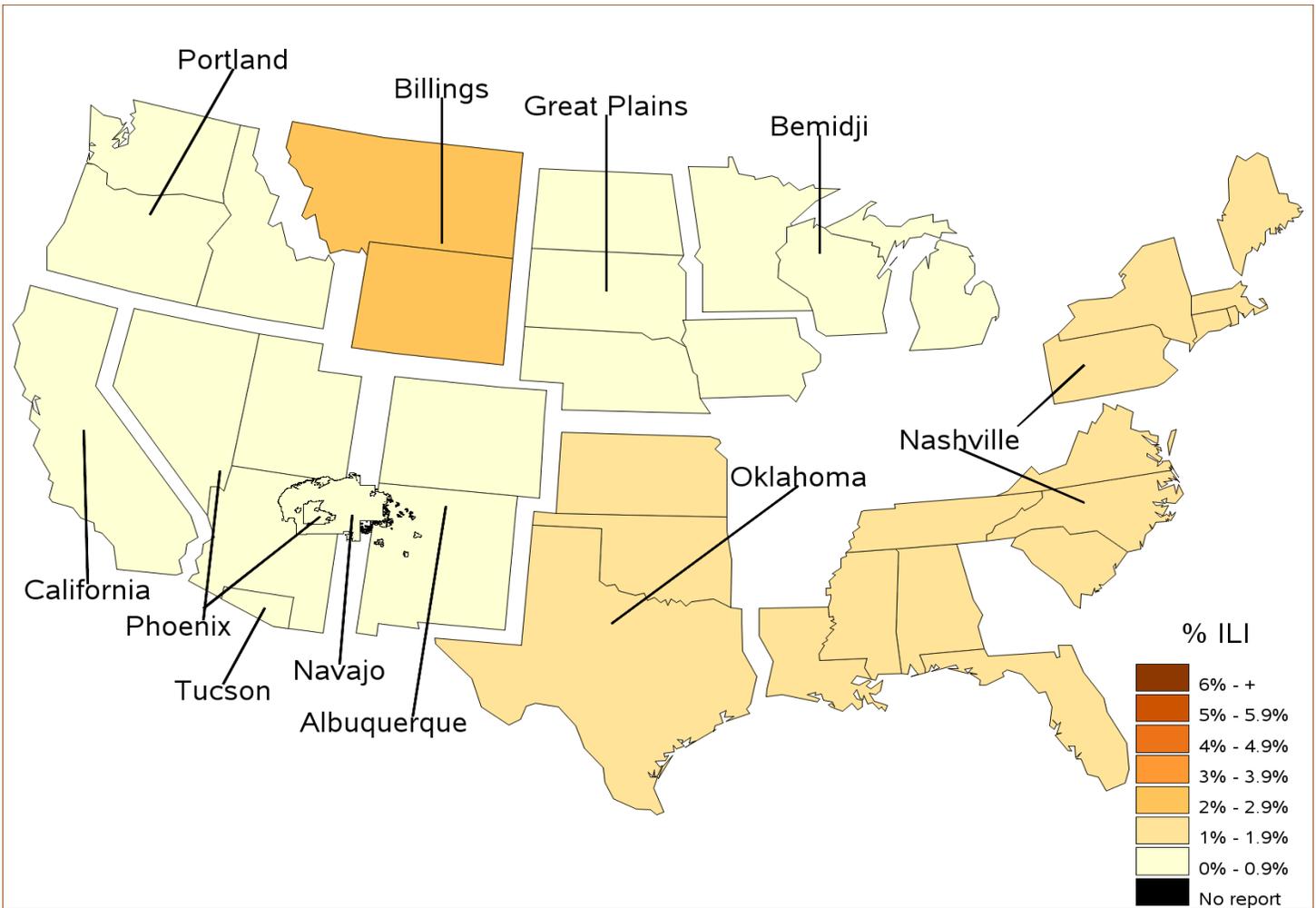
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 12/18/21 (Week 50)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 12/18/21 (Week 50)**

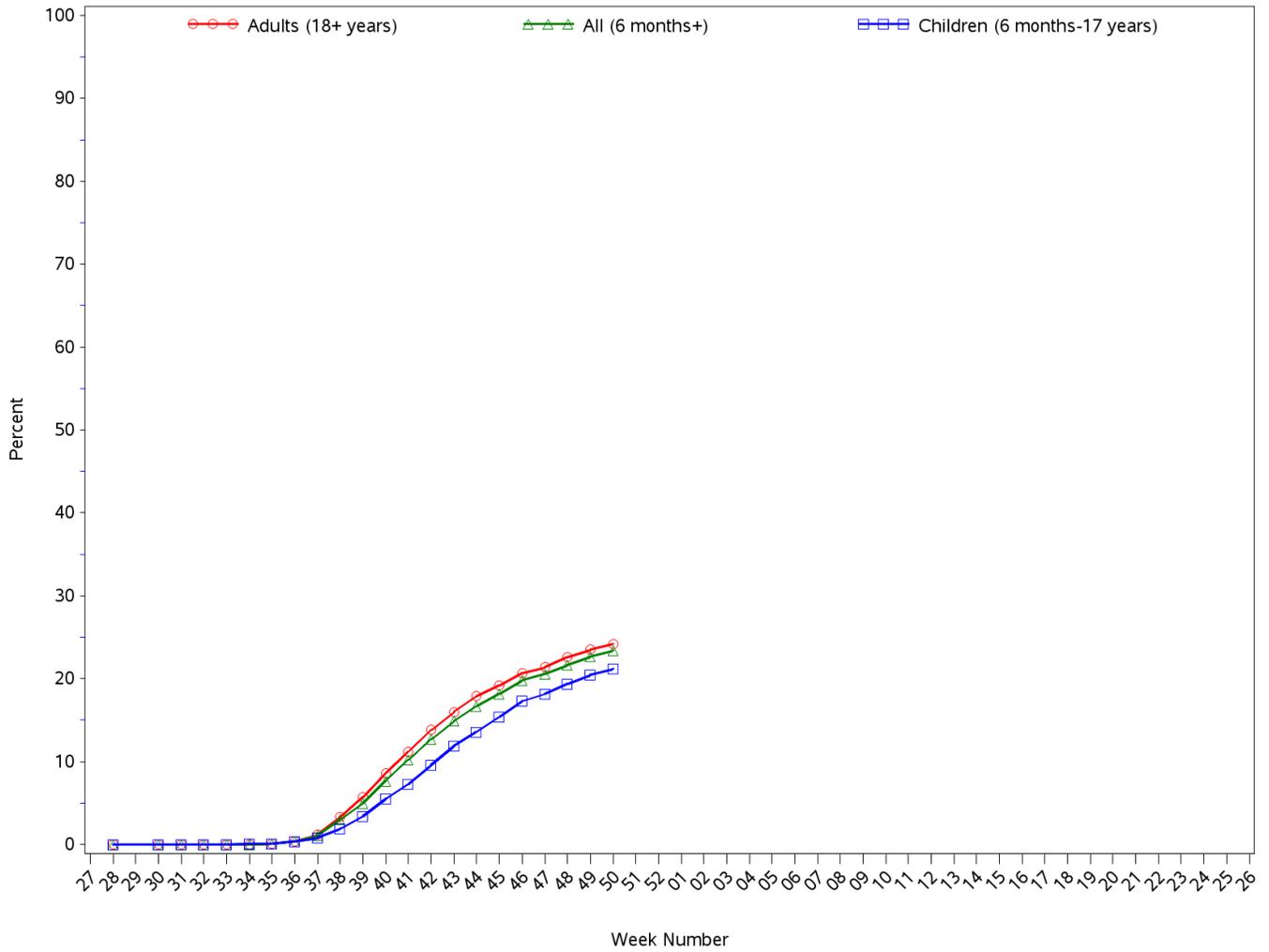
IHS Areas	Previous Week (49)	Current Week (50)
NATIONAL	0.6	0.8
ALBUQUERQUE	0.3	0.1
BEMIDJI	0.6	0.8
BILLINGS	0.8	2.2
CALIFORNIA	0.1	0.1
GREAT PLAINS	0.8	0.9
NASHVILLE	0.8	1.6
NAVAJO	0.2	0.3
OKLAHOMA	1.0	1.2
PHOENIX	0.5	0.8
PORTLAND	0.1	0.2
TUCSON	0.5	0.6

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

IHS Influenza Vaccination Surveillance

As of 12/18/2021, sites reporting to the IIAS have administered 155,995 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 12/18/21 (Week 50)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 12/18/21 (Week 50)

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	15	0.6	0	0.0	15
6 - 23 months	12,341	3,395	27.5	461	3.7	3,861
2 - 4 years	32,925	5,005	15.2	39	0.1	5,063
5 - 17 years	134,087	29,630	22.1	101	0.1	29,837
18 - 49 years	272,114	54,439	20.0	206	0.1	54,860
50 - 64 years	120,828	41,606	34.4	183	0.2	42,005
65 + years	86,674	19,967	23.0	103	0.1	20,369
Children (6 months-17 years)	179,353	38,030	21.2	601	0.3	38,761
Adults (18+ years)	479,616	116,012	24.2	492	0.1	117,234
All (6 months+)	658,969	154,042	23.4	1,093	0.2	155,995

* 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 12/18/21 (Week 50)

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	130	289	53	8,848	5,617	196	11	14	8	23	0	0	0	0	60	15,249
BEM	26	60	19	3,949	92	1	0	14	10	1	0	0	0	0	28	4,200
BIL	115	92	104	6,450	1,705	22	0	9	40	9	0	0	0	0	43	8,589
CAO	749	149	5	1,939	386	15	3	272	176	147	0	0	0	0	28	3,869
GPA	662	128	10	6,490	1,016	862	0	13	0	2	0	0	0	0	17	9,200
NSA	361	202	29	4,771	3,156	12	1	44	14	3	0	0	0	0	81	8,674
NAV	100	278	1	42,027	3,483	195	1	14	9	239	0	0	0	0	188	46,535
OKC	1,185	1,564	299	25,729	4,189	336	26	99	93	22	0	0	0	0	78	33,620
PHX	228	381	1	13,890	6,461	76	2	18	5	7	0	0	0	0	50	21,119
POR	96	52	34	398	1,301	13	0	153	1	1	0	0	0	0	11	2,060
TUC	23	7	0	4,263	41	25	0	4	0	0	0	0	0	0	6	4,369
	3,675	3,202	555	118,754	27,447	1,753	44	654	356	454	0	0	0	0	590	157,484

Patient Counts Not Deduplicated

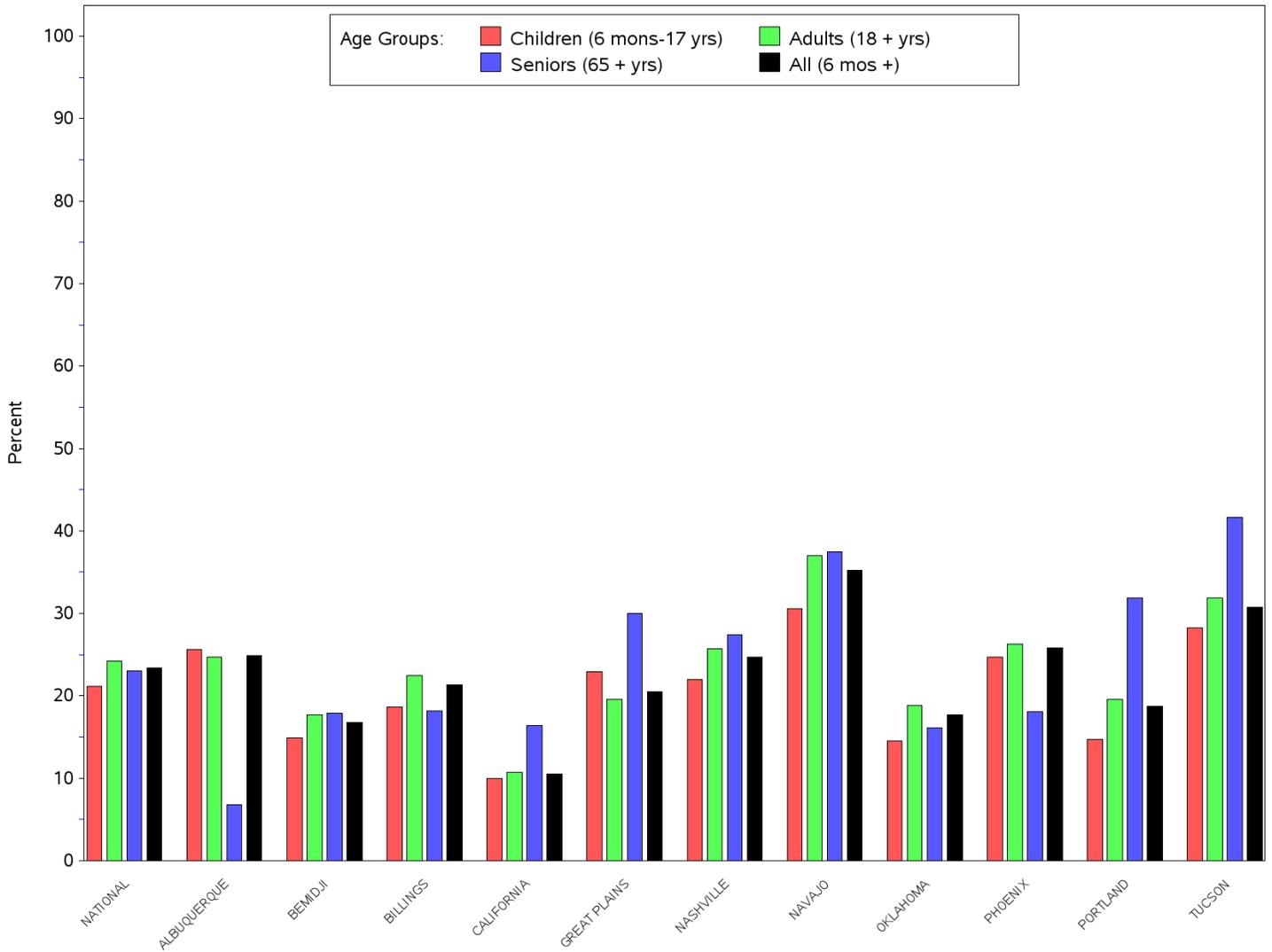
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 12/18/21 (Week 50)



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 12/18/21 (Week 50)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	21.2	24.2	23.0	23.4
ALBUQUERQUE	25.6	24.7	6.8	24.9
BEMIDJI	14.9	17.7	17.9	16.8
BILLINGS	18.6	22.5	18.2	21.3
CALIFORNIA	10.0	10.7	16.4	10.5
GREAT PLAINS	22.9	19.6	30.0	20.5
NASHVILLE	22.0	25.7	27.4	24.7
NAVAJO	30.6	37.0	37.5	35.2
OKLAHOMA	14.5	18.8	16.1	17.7
PHOENIX	24.7	26.3	18.1	25.8
PORTLAND	14.7	19.6	31.9	18.7
TUCSON	28.2	31.9	41.7	30.8

Number of RPMS Databases Reporting for Week Ending 12/18/21 (Week 50)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	98	165
ALBUQUERQUE	14	20
BEMIDJI	2	3
BILLINGS	10	21
CALIFORNIA	11	16
GREAT PLAINS	7	10
NASHVILLE	21	27
NAVAJO	5	17
OKLAHOMA	17	27
PHOENIX	7	16
PORTLAND	3	5
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