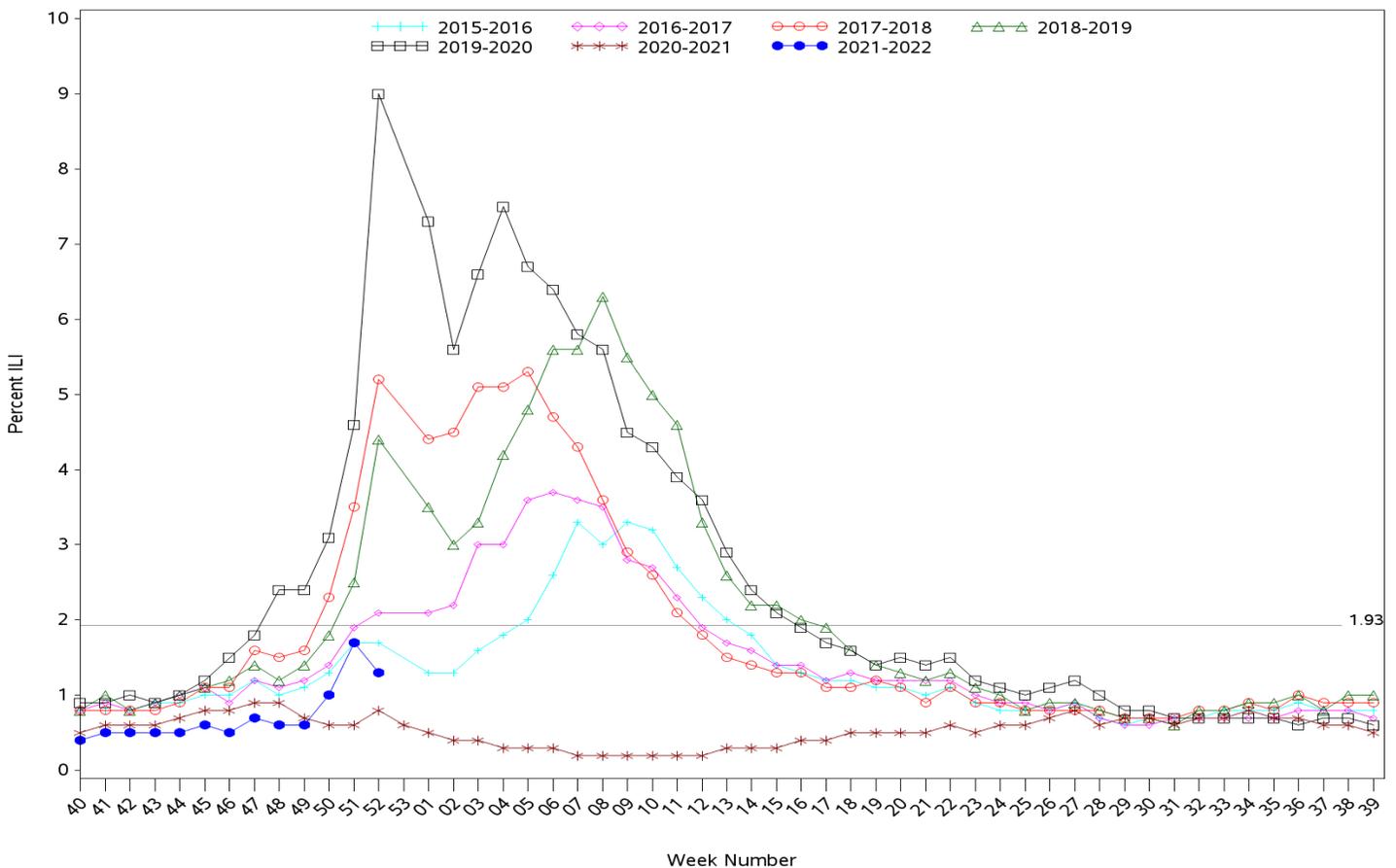




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 52: 12/26/2021 – 01/01/2022)

- IHS national Influenza-like illness (ILI) activity is low at 1.3%, 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 decreased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 52 (4.76%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 163,092 doses of influenza vaccine.
- Overall, 24.4% 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.

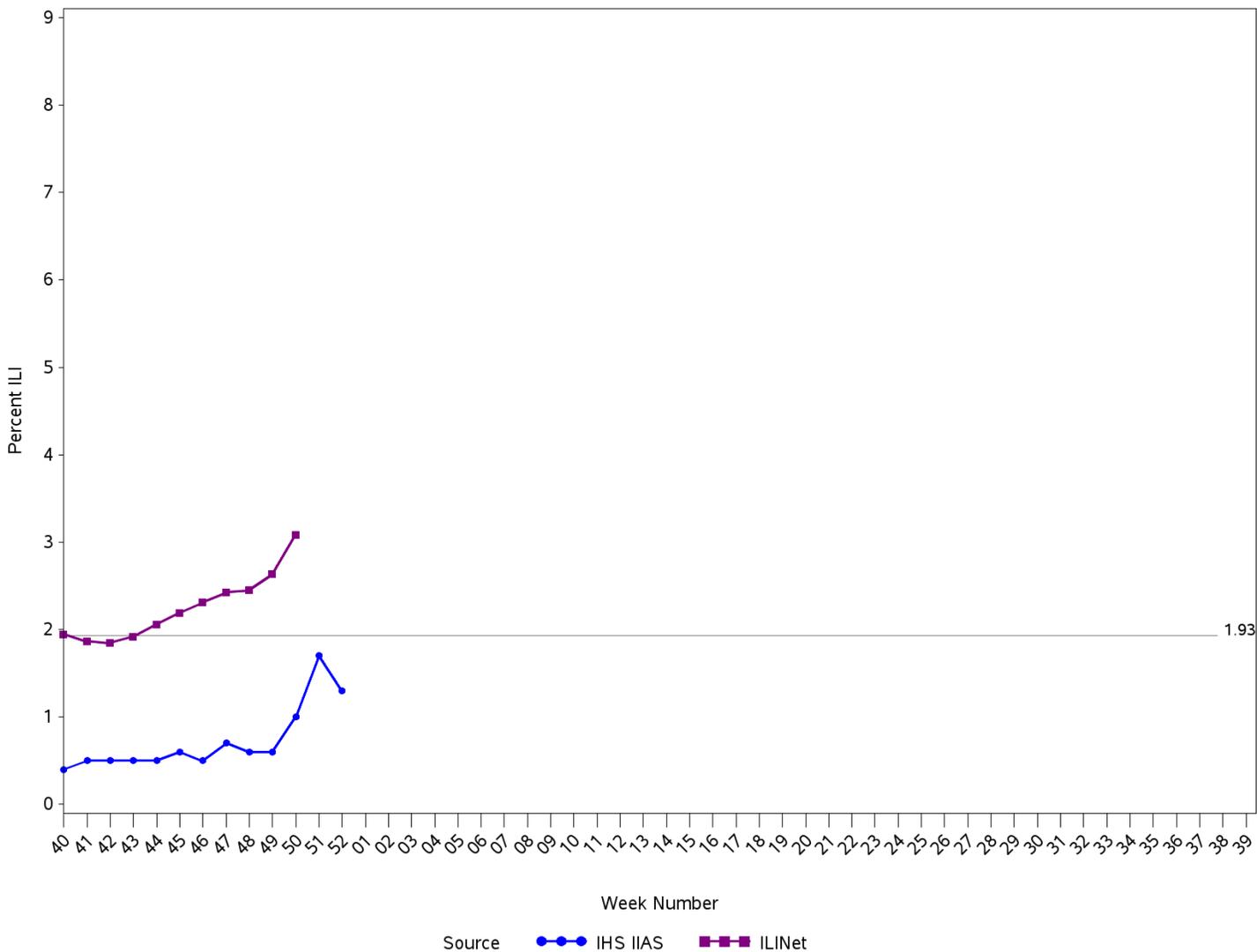
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

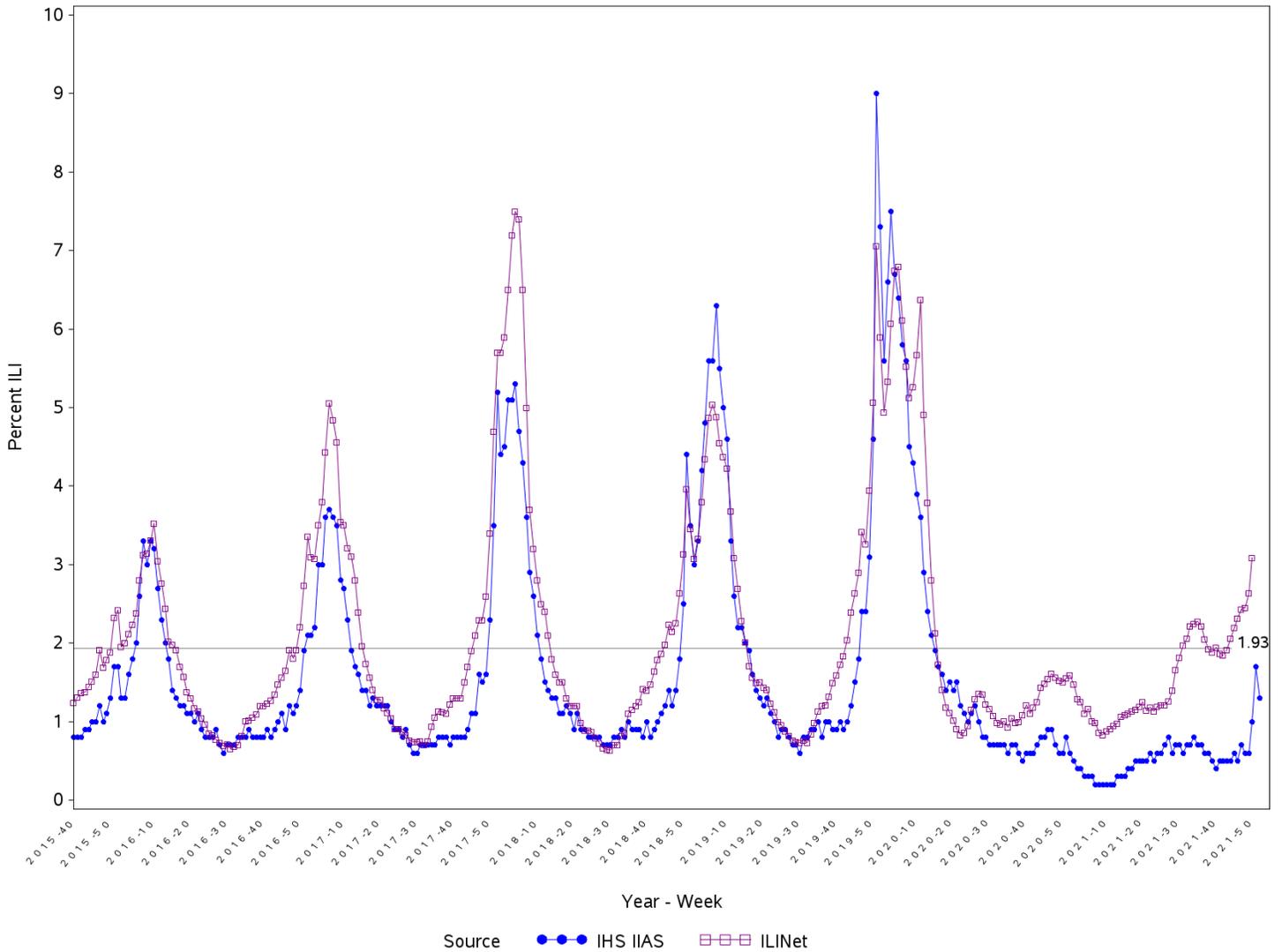
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 01/01/22 (Week 52)



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 01/01/22 (Week 52)**



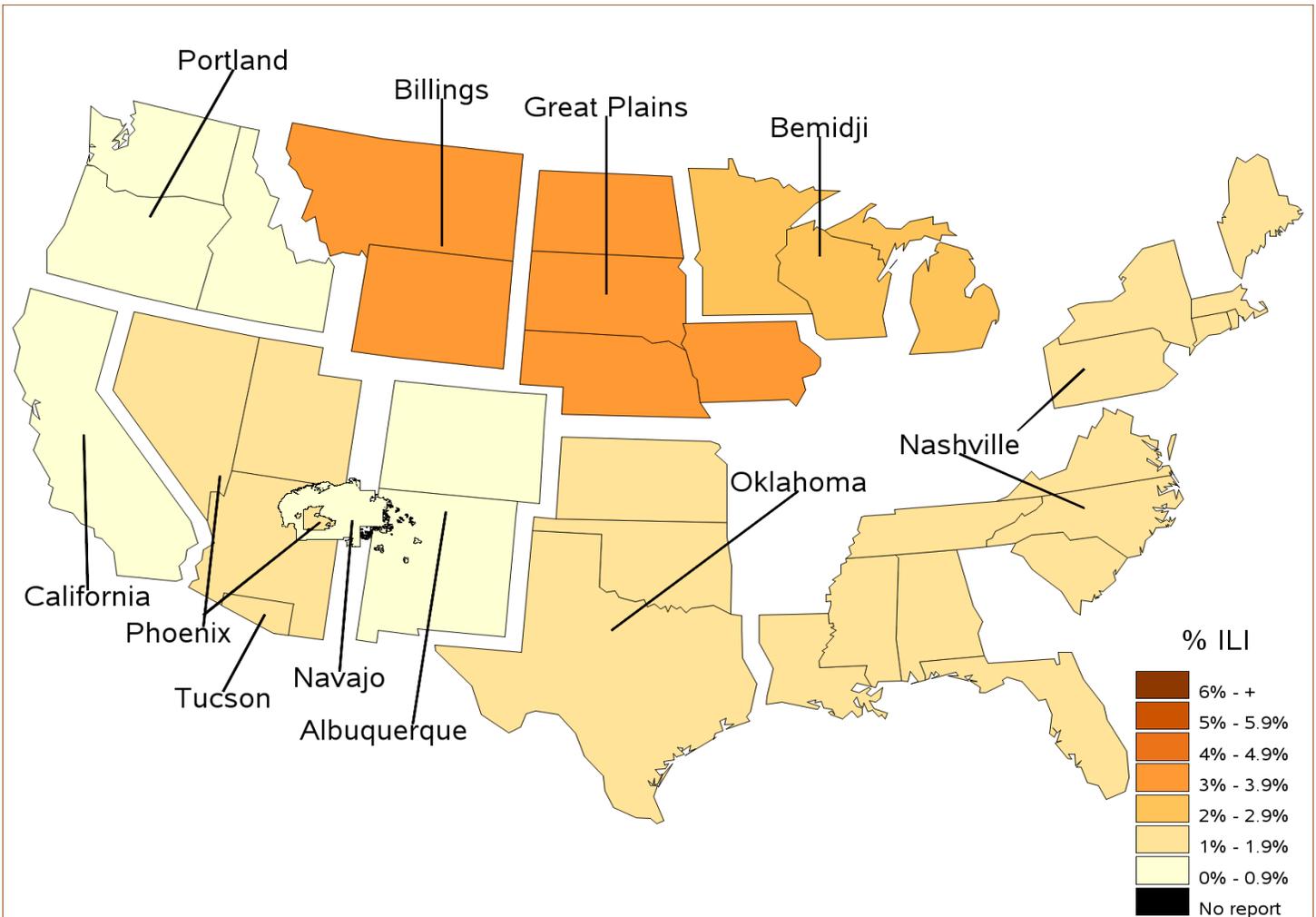
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 01/01/22 (Week 52)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 01/01/22 (Week 52)**

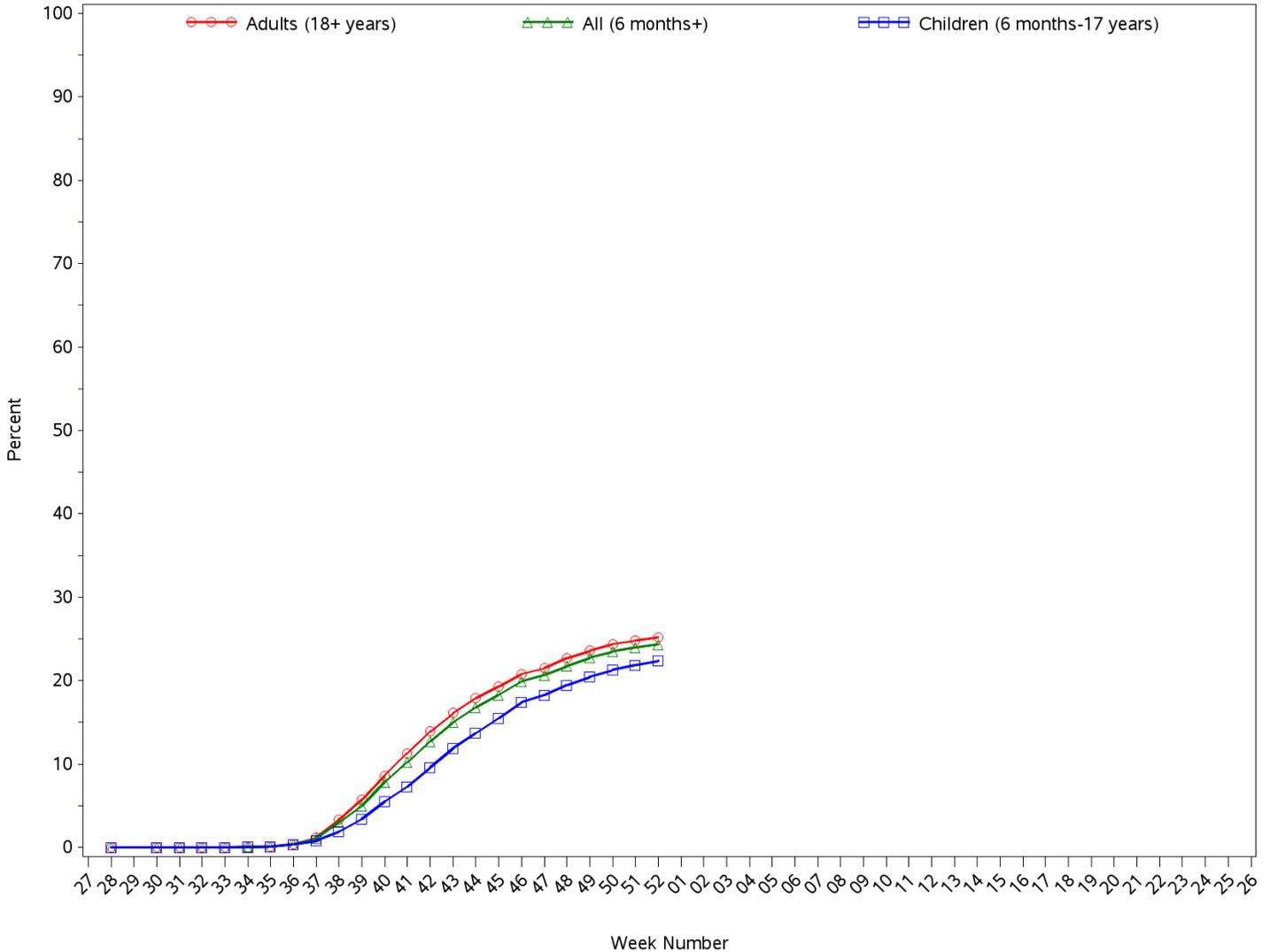
IHS Areas	Previous Week (51)	Current Week (52)
NATIONAL	1.7	1.3
ALBUQUERQUE	0.5	0.6
BEMIDJI	3.0	2.4
BILLINGS	5.0	3.7
CALIFORNIA	0.1	0.2
GREAT PLAINS	3.9	3.6
NASHVILLE	2.0	1.7
NAVAJO	0.4	0.3
OKLAHOMA	1.7	1.0
PHOENIX	1.3	1.0
PORTLAND	0.2	0.5
TUCSON	1.2	1.3

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

IHS Influenza Vaccination Surveillance

As of 01/01/2022, sites reporting to the IIAS have administered 163,092 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 01/01/22 (Week 52)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 01/01/22 (Week 52)**

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	2,468	15	0.6	0	0.0	15
6 - 23 months	12,331	3,661	29.7	561	4.5	4,227
2 - 4 years	32,928	5,275	16.0	52	0.2	5,347
5 - 17 years	134,083	31,212	23.3	122	0.1	31,444
18 - 49 years	272,091	57,157	21.0	230	0.1	57,619
50 - 64 years	120,822	43,062	35.6	196	0.2	43,477
65 + years	86,678	20,563	23.7	109	0.1	20,978
Children (6 months-17 years)	179,342	40,148	22.4	735	0.4	41,018
Adults (18+ years)	479,591	120,782	25.2	535	0.1	122,074
All (6 months+)	658,933	160,930	24.4	1,270	0.2	163,092

* 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 01/01/22 (Week 52)**

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	142	314	55	9,266	5,924	213	11	14	8	24	0	0	0	0	64	16,035
BEM	26	67	19	4,088	94	1	1	14	10	2	0	0	0	0	29	4,351
BIL	159	102	105	6,798	1,772	27	0	9	41	9	0	0	0	0	50	9,072
CAO	773	154	5	1,981	388	16	3	274	186	155	0	0	0	0	29	3,964
GPA	676	140	10	6,664	1,121	831	0	15	1	2	0	0	0	0	17	9,477
NSA	370	216	29	4,943	3,227	14	1	47	15	3	0	0	0	0	84	8,949
NAV	102	294	1	43,813	3,546	205	1	194	10	248	0	0	0	0	182	48,596
OKC	1,243	1,685	304	26,810	4,310	357	28	107	96	23	0	0	0	0	84	35,047
PHX	235	418	1	14,894	6,767	78	2	20	5	7	0	0	0	0	58	22,485
POR	98	54	34	405	1,352	15	0	153	1	1	0	0	0	0	11	2,124
TUC	24	7	0	4,535	41	25	0	4	0	0	0	0	0	0	7	4,643
	3,848	3,451	563	124,197	28,542	1,782	47	851	373	474	0	0	0	0	615	164,743

Patient Counts Not Deduplicated

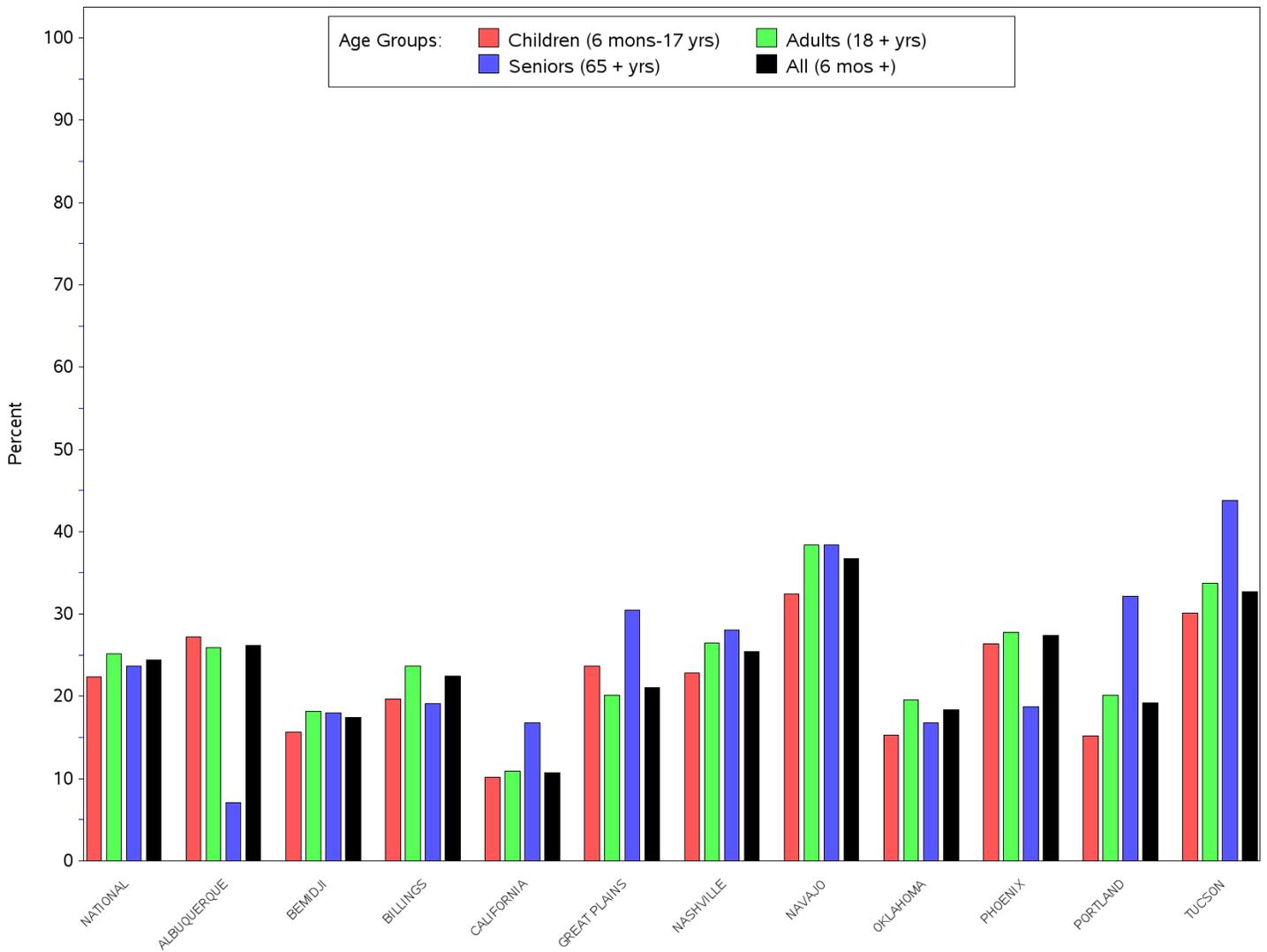
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during 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 01/01/22 (Week 52)



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 01/01/22 (Week 52)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	22.4	25.2	23.7	24.4
ALBUQUERQUE	27.2	25.9	7.1	26.2
BEMIDJI	15.7	18.2	18.0	17.4
BILLINGS	19.7	23.7	19.1	22.5
CALIFORNIA	10.2	10.9	16.8	10.7
GREAT PLAINS	23.7	20.1	30.5	21.1
NASHVILLE	22.8	26.5	28.1	25.4
NAVAJO	32.4	38.4	38.4	36.7
OKLAHOMA	15.3	19.6	16.8	18.4
PHOENIX	26.4	27.8	18.7	27.4
PORTLAND	15.2	20.1	32.2	19.2
TUCSON	30.1	33.7	43.8	32.7

Number of RPMS Databases Reporting for Week Ending 01/01/22 (Week 52)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	98	154
ALBUQUERQUE	14	21
BEMIDJI	2	2
BILLINGS	10	18
CALIFORNIA	11	16
GREAT PLAINS	7	8
NASHVILLE	21	26
NAVAJO	5	11
OKLAHOMA	17	27
PHOENIX	7	17
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