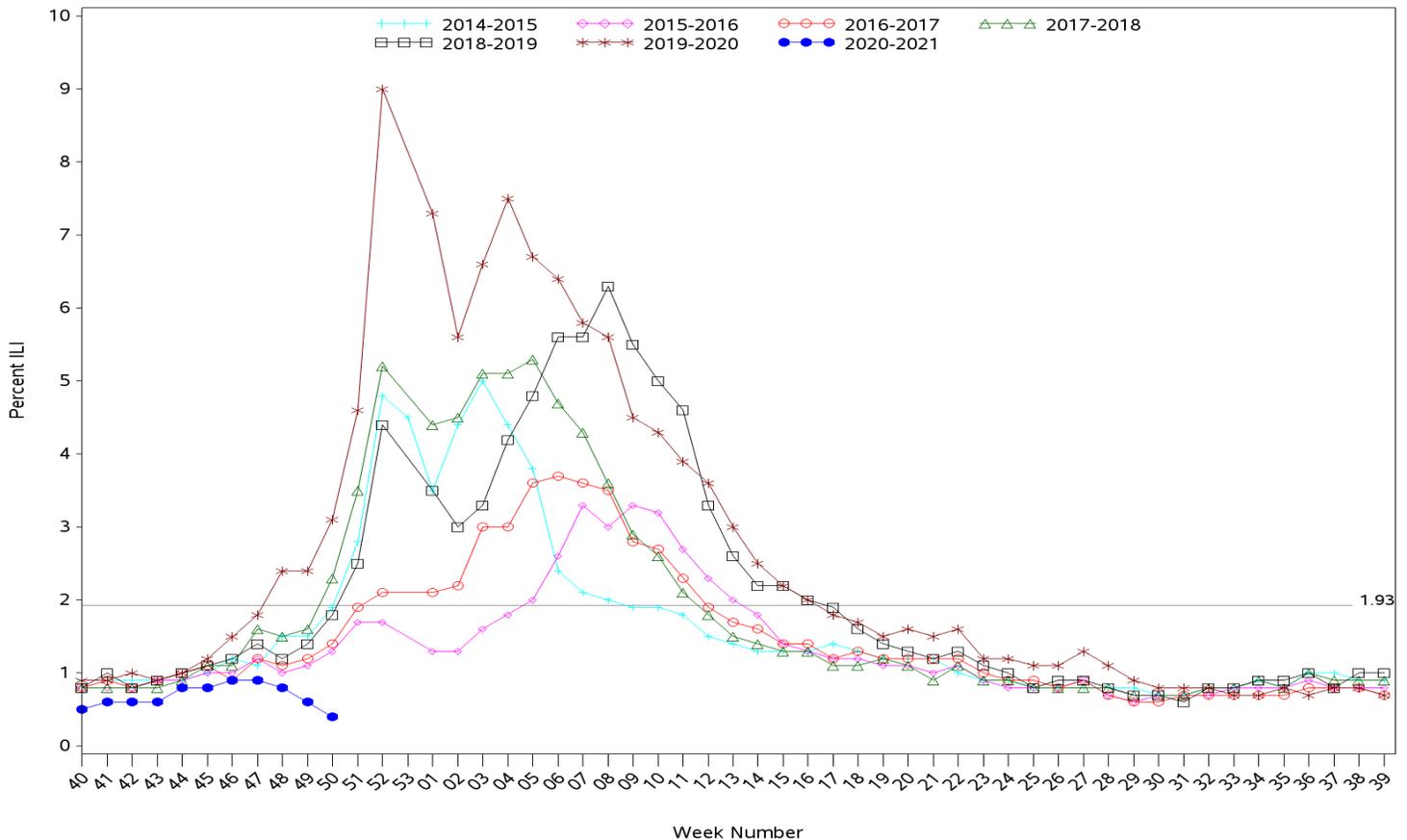




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 50: 12/06/2020 – 12/12/2020)

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
 - Seven out of ten IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 50 (1.53%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 195,829 doses of influenza vaccine.
- Overall, 27.3% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- Tucson Area did not report or reported insufficient data and are excluded from analyses this week.
- Alaska Area is excluded because only one facility is exporting ILI data files and would not be representative of the entire Area.

All Reporting IHS Areas
Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years
Percentage of Outpatient Visits for ILI Visits per Week



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

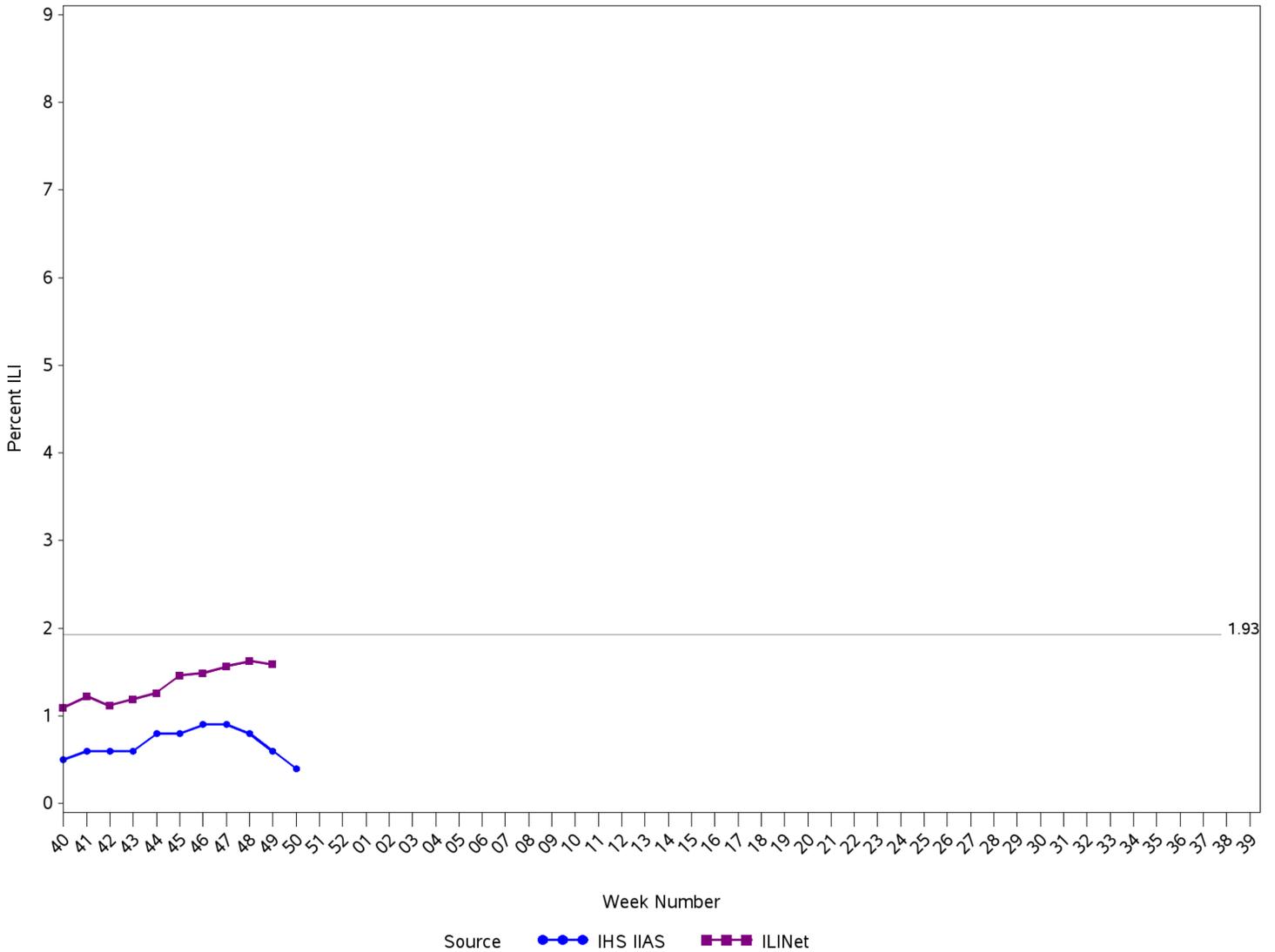
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.

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.

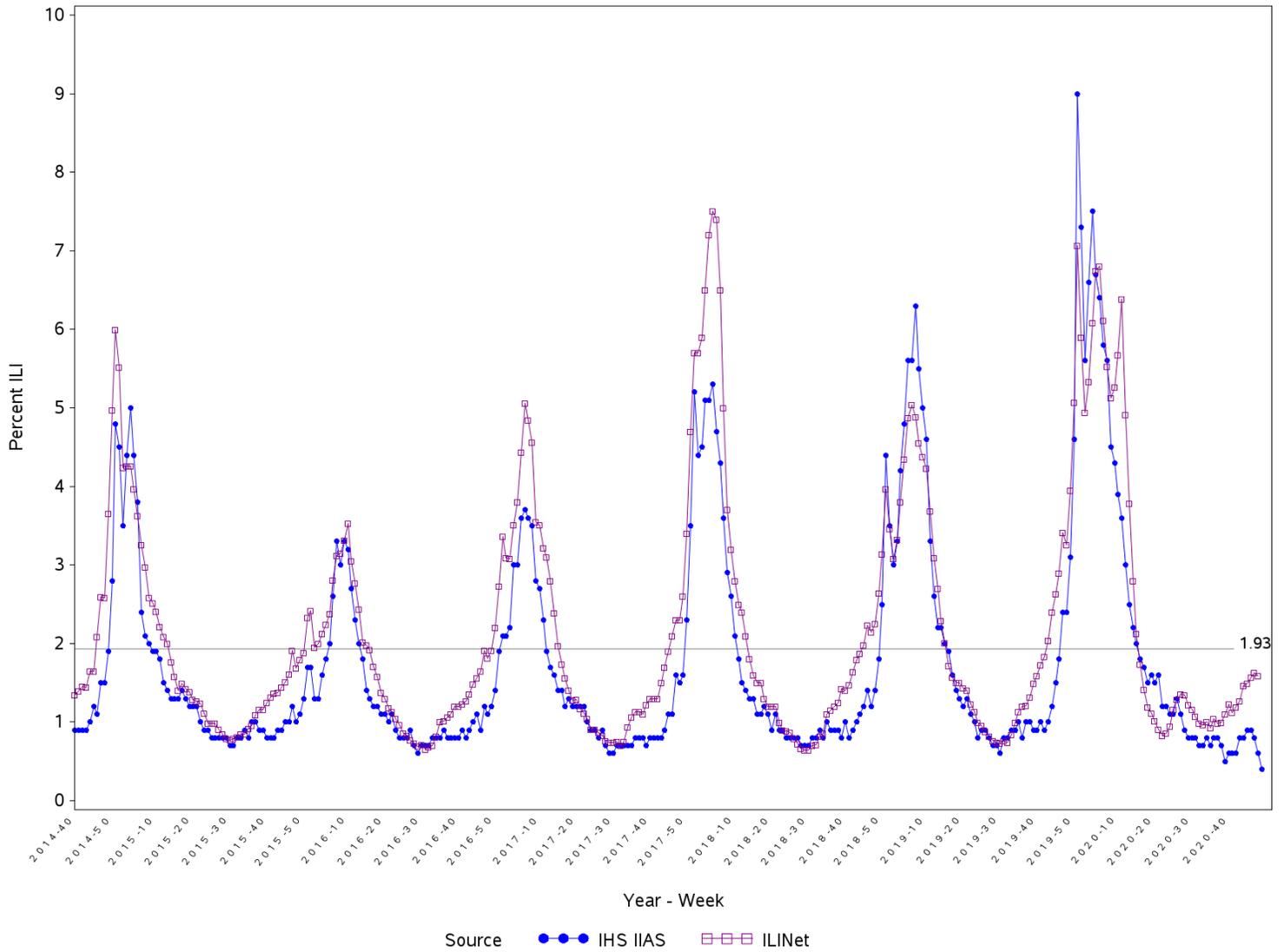
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2020 - 2021
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
09/27/20 through 12/12/20 (Week 50)



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
 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
09/28/13 through 12/12/20 (Week 50)**



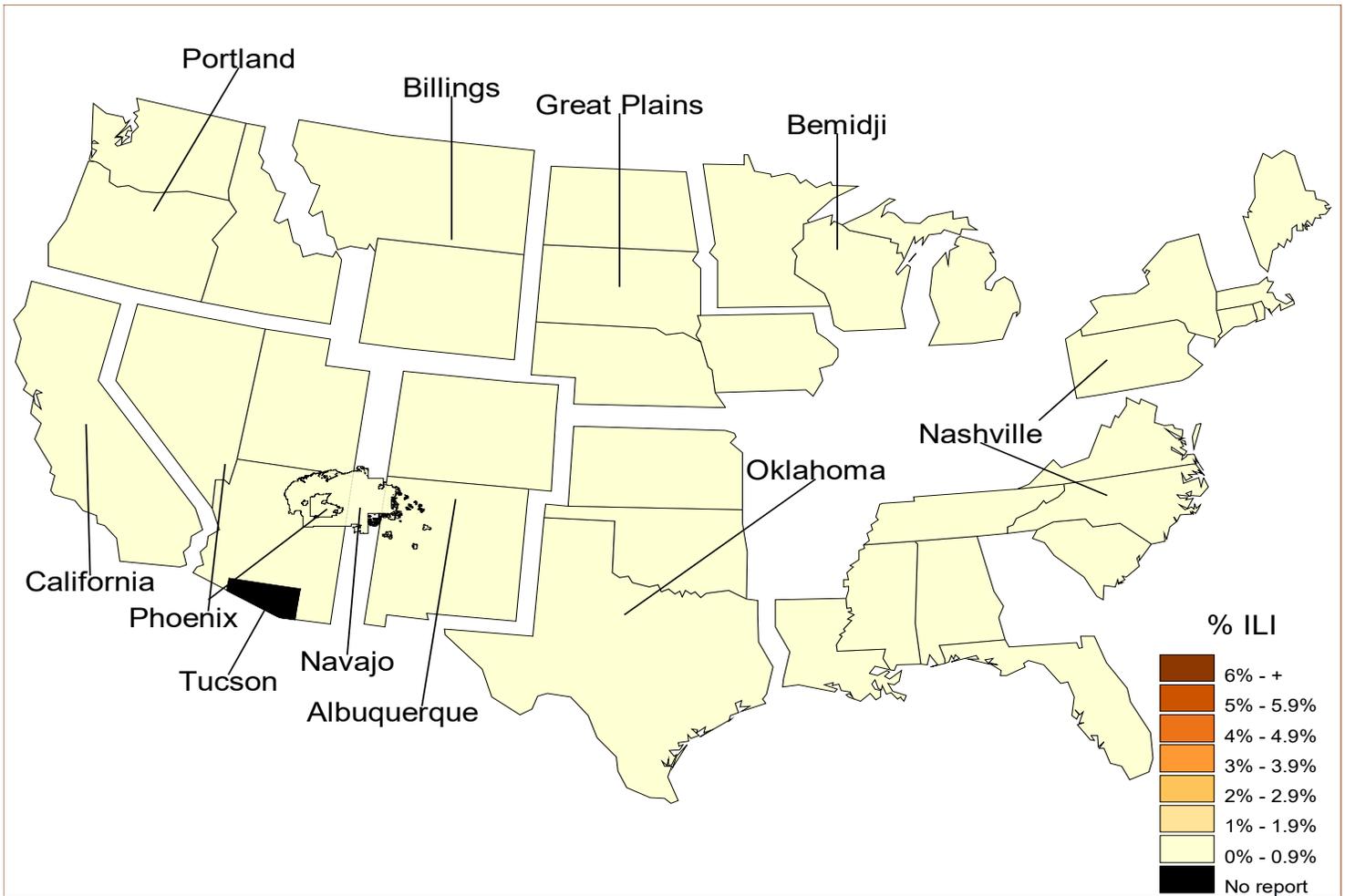
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.

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 12/12/20 (Week 50)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 12/12/20 (Week 50)**

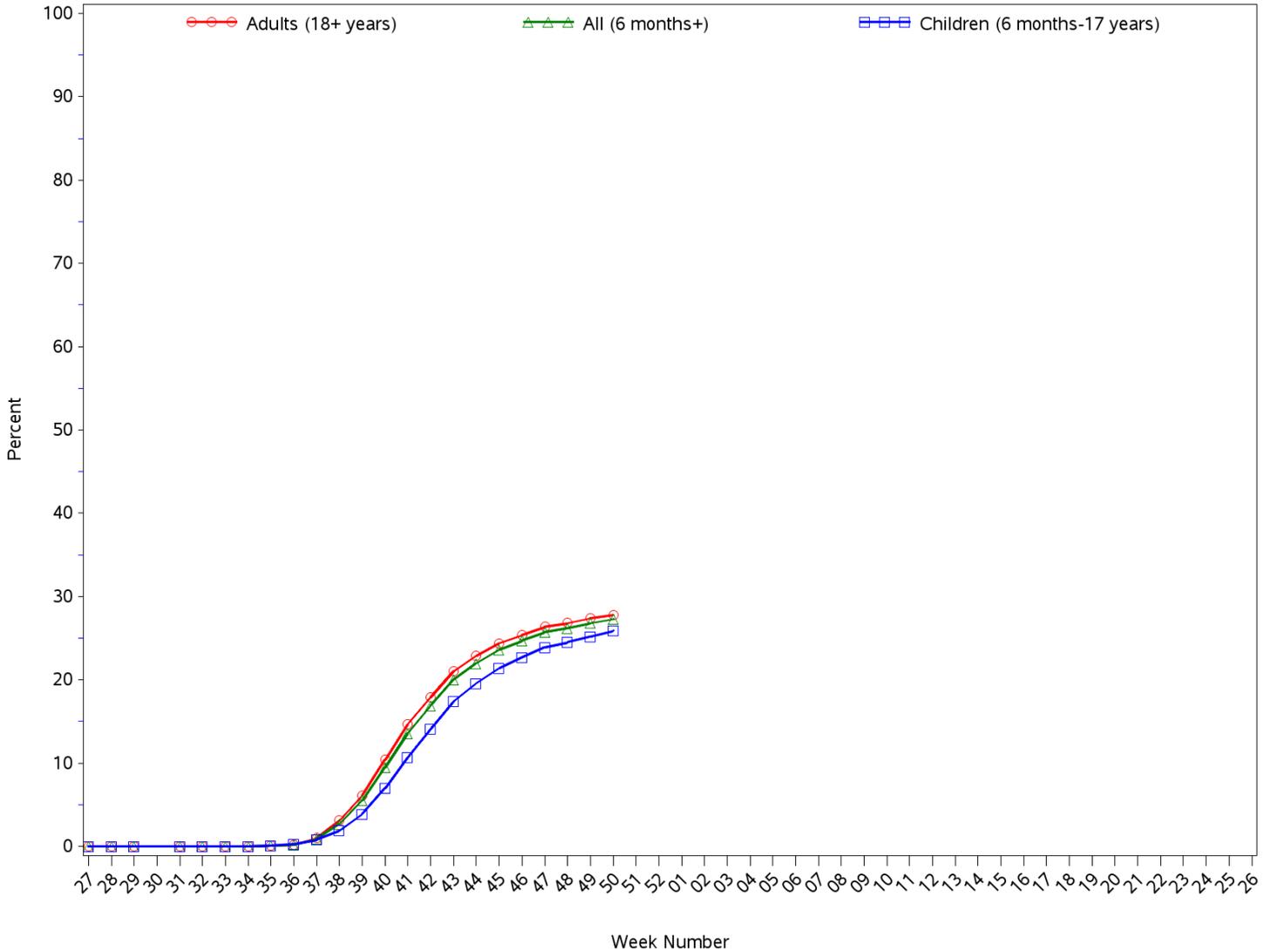
IHS Areas	Previous Week (49)	Current Week (50)
NATIONAL	0.6	0.4
ALBUQUERQUE	0.9	0.4
BEMIDJI	0.7	0.3
BILLINGS	0.6	0.4
CALIFORNIA	0.1	0.2
GREAT PLAINS	0.9	0.6
NASHVILLE	0.5	0.6
NAVAJO	1.1	0.6
OKLAHOMA	0.5	0.3
PHOENIX	0.6	0.5
PORTLAND	0.1	0.1
TUCSON	NR	NR

Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
NR = Not Reported

IHS Influenza Vaccination Surveillance

As of 12/12/2020, sites reporting to the IIAS have administered 195,829 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 06/28/20 through 12/12/20 (Week 50)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 12/12/20 (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	2,684	19	0.7	0	0.0	19
6 - 23 months	13,306	4,621	34.7	650	4.9	5,271
2 - 4 years	34,976	7,626	21.8	79	0.2	7,705
5 - 17 years	145,934	37,973	26.0	82	0.1	38,061
18 - 49 years	296,947	68,129	22.9	158	0.1	68,298
50 - 64 years	130,844	48,663	37.2	171	0.1	48,852
65 + years	90,762	27,472	30.3	151	0.2	27,642
Children (6 months-17 years)	194,216	50,220	25.9	811	0.4	51,037
Adults (18+ years)	518,553	144,264	27.8	480	0.1	144,792
All (6 months+)	712,769	194,484	27.3	1,291	0.2	195,829

* 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
06/28/20 through 12/12/20 (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	574	133	64	10,876	5,886	27	0	495	63	25	0	0	0	0	84	18,227
BEM	418	33	136	4,881	473	7	2	77	17	3	0	0	0	0	100	6,147
BIL	793	122	138	7,367	931	10	1	11	94	2	0	0	0	0	33	9,502
CAO	1,948	716	3	4,388	948	175	0	14	9	170	0	0	0	0	83	8,454
GPA	2,721	119	268	9,916	2,311	16	0	23	12	346	0	0	0	0	49	15,781
NSA	422	71	44	5,968	2,987	3	0	197	98	8	0	0	0	0	166	9,964
NAV	583	223	2	42,373	13,775	82	86	297	44	65	0	0	0	0	174	57,704
OKC	1,858	1,149	293	25,581	2,758	138	12	19	75	1	0	0	0	0	92	31,976
PHX	1,558	994	11	14,791	9,594	56	1	2	262	225	0	0	0	0	109	27,603
POR	300	237	175	6,477	1,075	1	2	199	146	128	0	0	0	0	39	8,779
TUC	14	14	0	2,465	8	0	0	0	3	0	0	0	0	0	13	2,517
	11,189	3,811	1,134	135,083	40,746	515	104	1,334	823	973	0	0	0	0	942	196,654

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),

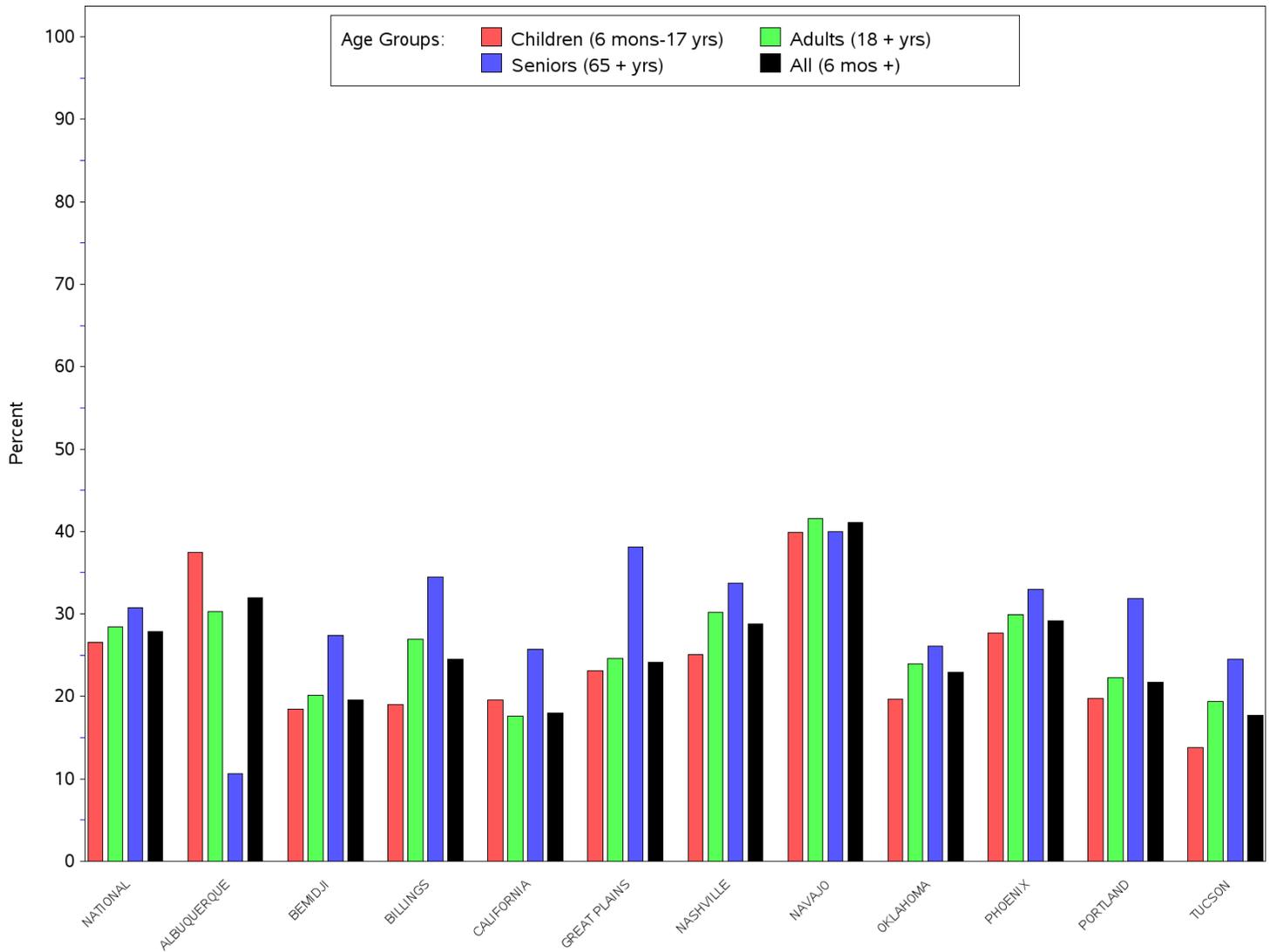
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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
06/28/20 through 12/12/20 (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
06/28/20 through 12/12/20 (Week 50)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	25.9	27.8	30.3	27.3
ALBUQUERQUE	36.5	29.6	10.3	31.2
BEMIDJI	18.2	19.9	27.2	19.4
BILLINGS	18.1	26.1	33.7	23.7
CALIFORNIA	18.6	16.9	24.9	17.3
GREAT PLAINS	22.1	23.8	37.2	23.3
NASHVILLE	24.6	29.5	33.2	28.1
NAVAJO	39.3	41.2	39.6	40.7
OKLAHOMA	19.0	23.4	25.5	22.3
PHOENIX	26.8	29.1	32.5	28.4
PORTLAND	19.6	21.9	31.3	21.4
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 12/12/20 (Week 50)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	110	166
ALBUQUERQUE	12	18
BEMIDJI	2	5
BILLINGS	10	19
CALIFORNIA	13	19
GREAT PLAINS	10	11
NASHVILLE	21	24
NAVAJO	5	12
OKLAHOMA	17	26
PHOENIX	10	18
PORTLAND	10	14
TUCSON	NR	NR

* Exporting databases may include data from multiple facilities.

** Includes only facility categories: Hospital, Health Center, Health Station and Health Location

NR = Not Reported