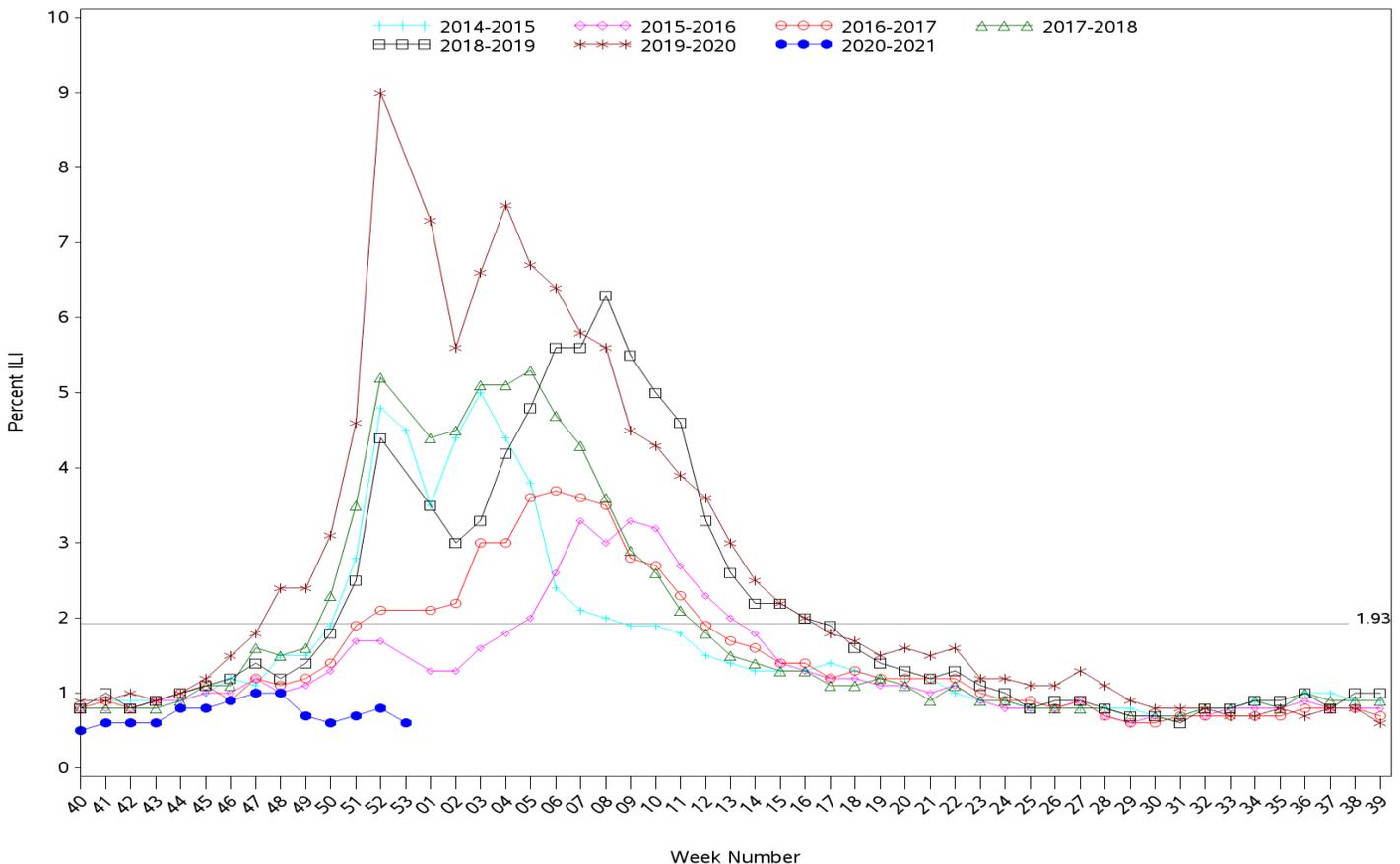




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 53: 12/27/2020 – 01/02/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.6%, below the IHS baseline of 1.93%
 - Five out of ten IHS Areas reported a decrease 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 53 (1.62%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 202,888 doses of influenza vaccine.
- Overall, 28.3% 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.

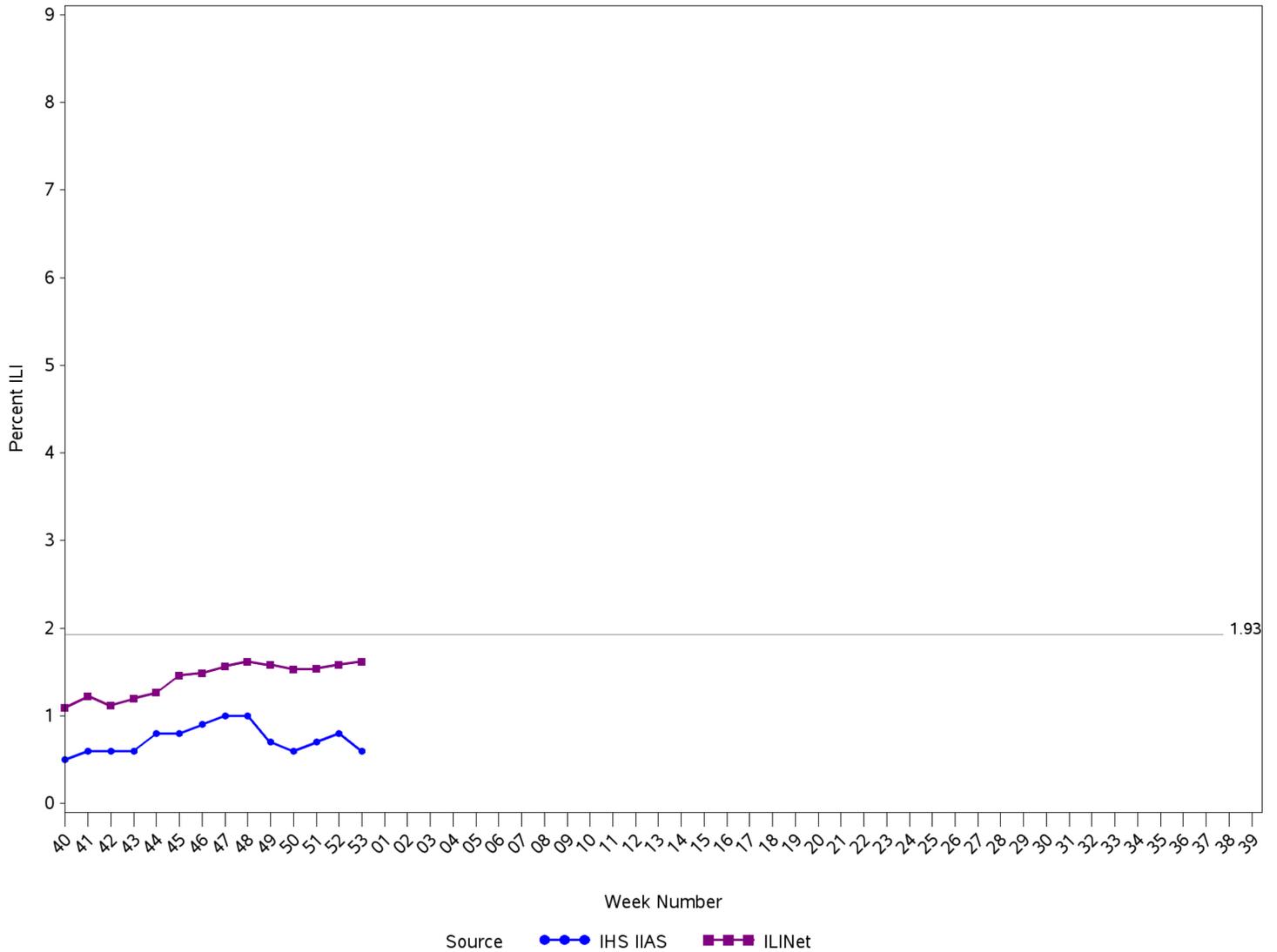
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

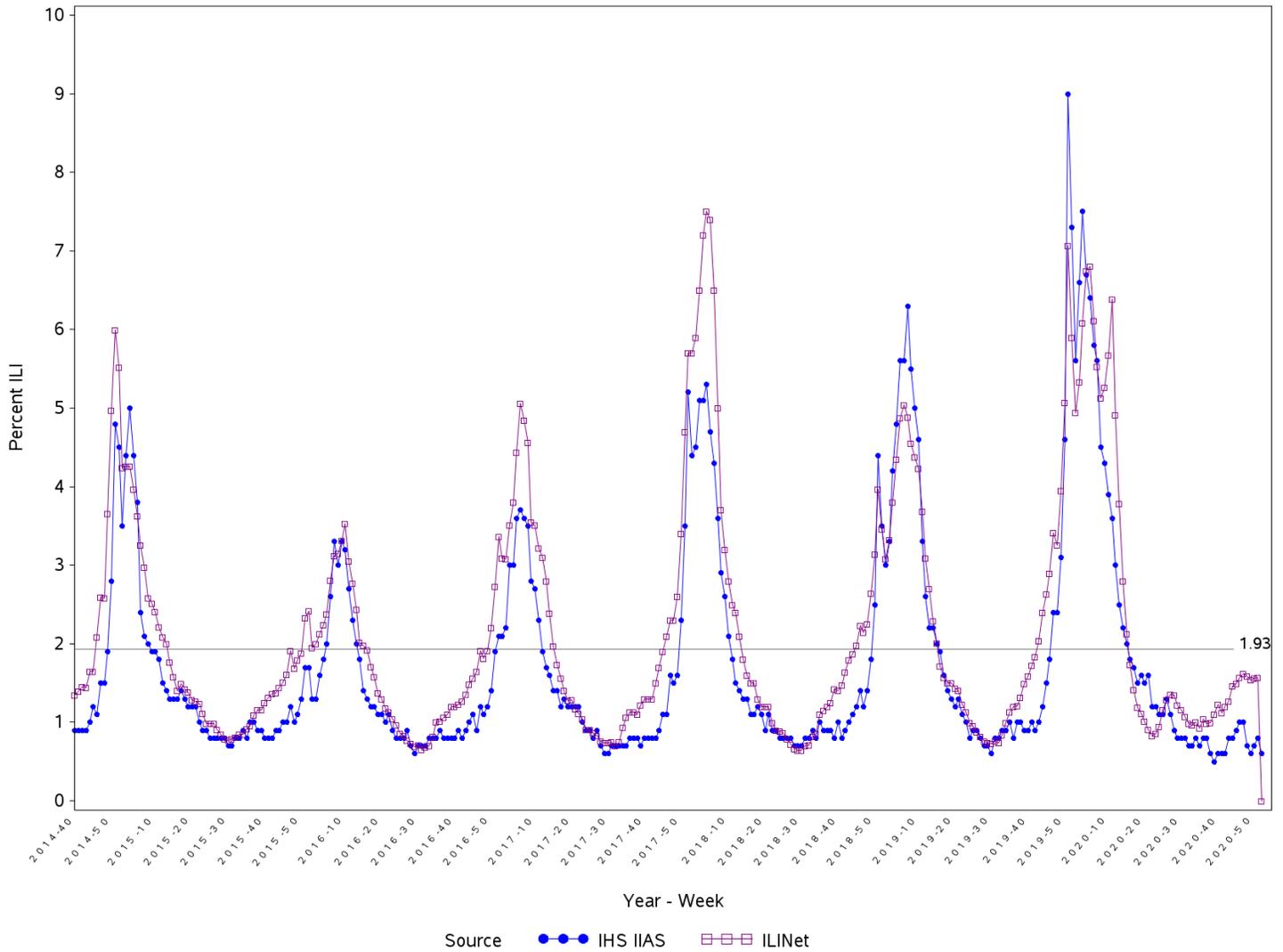
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 01/02/21 (Week 53)



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 01/02/21 (Week 53)**



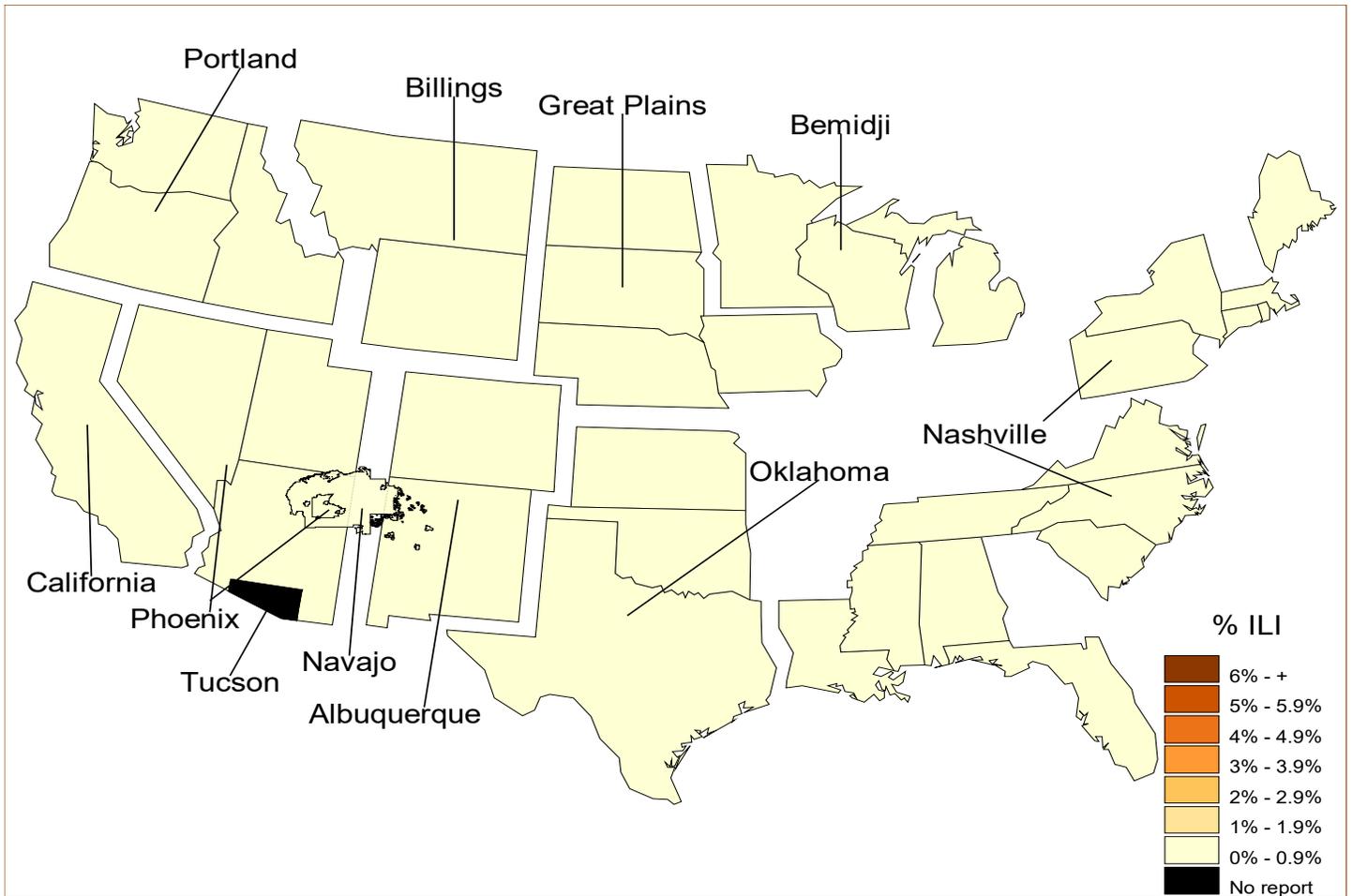
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 01/02/21 (Week 53)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 01/02/21 (Week 53)**

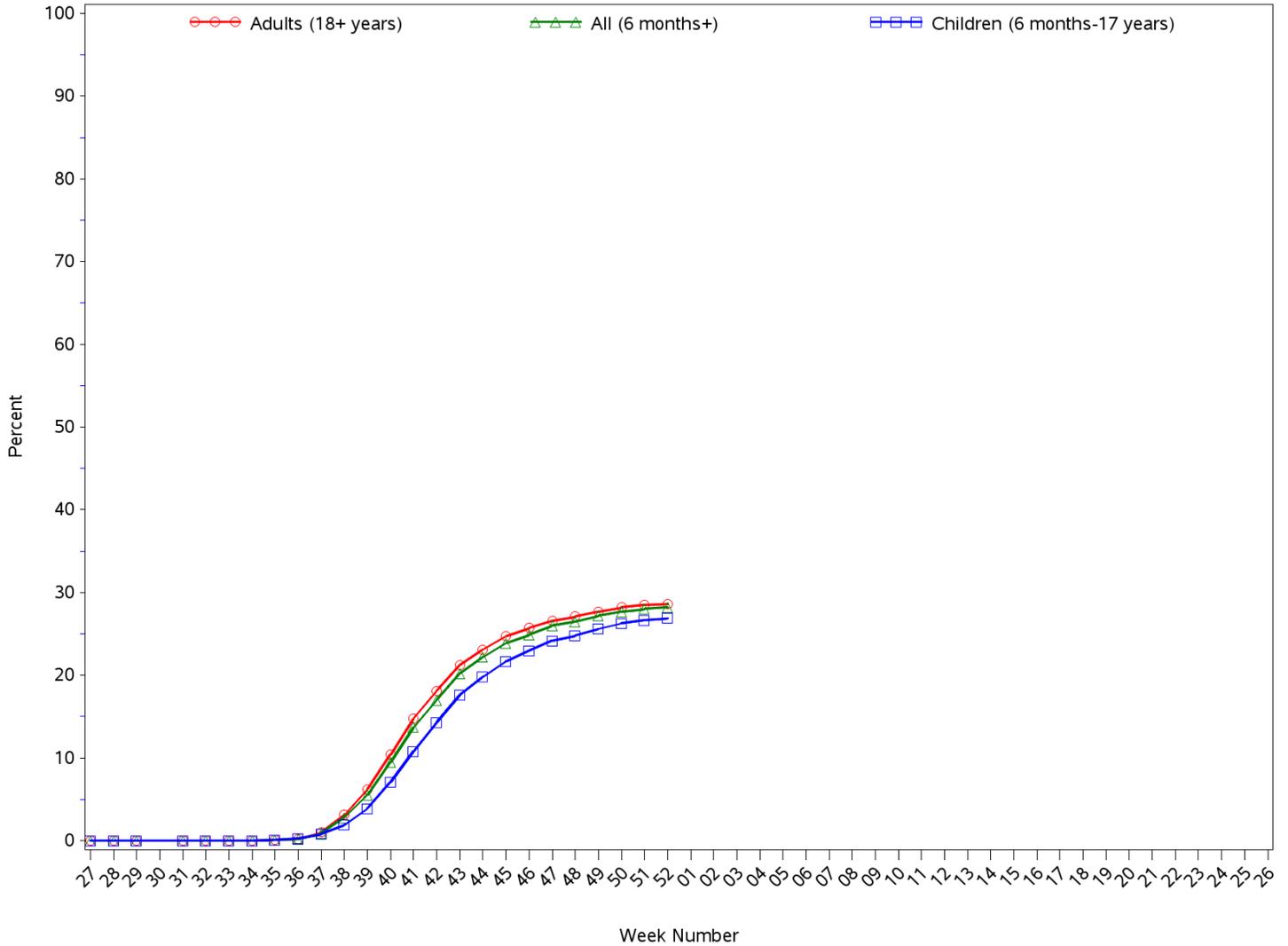
IHS Areas	Previous Week (52)	Current Week (53)
NATIONAL	0.8	0.6
ALBUQUERQUE	1.5	0.2
BEMIDJI	0.9	0.9
BILLINGS	0.6	0.7
CALIFORNIA	0.0	0.0
GREAT PLAINS	0.7	0.9
NASHVILLE	1.9	0.9
NAVAJO	0.9	0.8
OKLAHOMA	0.7	0.5
PHOENIX	0.8	0.6
PORTLAND	0.0	0.0
TUCSON	NR	NR

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 01/02/2021, sites reporting to the IIAS have administered 202,888 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 01/02/21 (Week 53)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 01/02/21 (Week 53)

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	2,591	23	0.9	0	0.0	23
6 - 23 months	13,182	5,043	38.3	880	6.7	5,925
2 - 4 years	34,676	7,997	23.1	95	0.3	8,099
5 - 17 years	144,947	39,304	27.1	93	0.1	39,442
18 - 49 years	295,369	70,531	23.9	184	0.1	70,786
50 - 64 years	130,257	50,052	38.4	181	0.1	50,312
65 + years	90,875	28,128	31.0	164	0.2	28,324
Children (6 months-17 years)	192,805	52,344	27.1	1,068	0.6	53,466
Adults (18+ years)	516,501	148,711	28.8	529	0.1	149,422
All (6 months+)	709,306	201,055	28.3	1,597	0.2	202,888

* 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 01/02/21 (Week 53)

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	608	151	68	11,287	6,023	29	0	503	67	71	0	0	0	0	92	18,899
BEM	424	36	139	4,993	478	7	2	80	17	3	0	0	0	0	101	6,280
BIL	822	129	146	7,780	1,035	17	1	17	95	2	0	0	0	0	36	10,080
CAO	2,048	749	13	4,620	1,020	192	0	15	10	170	0	0	0	0	96	8,933
GPA	2,830	132	269	10,515	2,373	16	0	23	12	346	0	0	0	0	51	16,567
NSA	440	85	44	6,160	3,145	3	0	201	109	8	0	0	0	0	175	10,370
NAV	617	225	2	42,893	14,360	82	86	297	44	66	0	0	0	0	179	58,851
OKC	1,985	1,350	302	26,639	2,917	142	12	20	79	1	0	0	0	0	99	33,546
PHX	1,596	1,053	12	15,709	9,704	62	1	2	269	225	0	0	0	0	118	28,751
POR	319	240	175	6,600	1,106	2	2	205	152	136	0	0	0	0	41	8,978
TUC	14	14	0	2,467	9	0	0	0	3	0	0	0	0	0	13	2,520
	11,703	4,164	1,170	139,663	42,170	552	104	1,363	857	1,028	0	0	0	0	1,001	203,775

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),

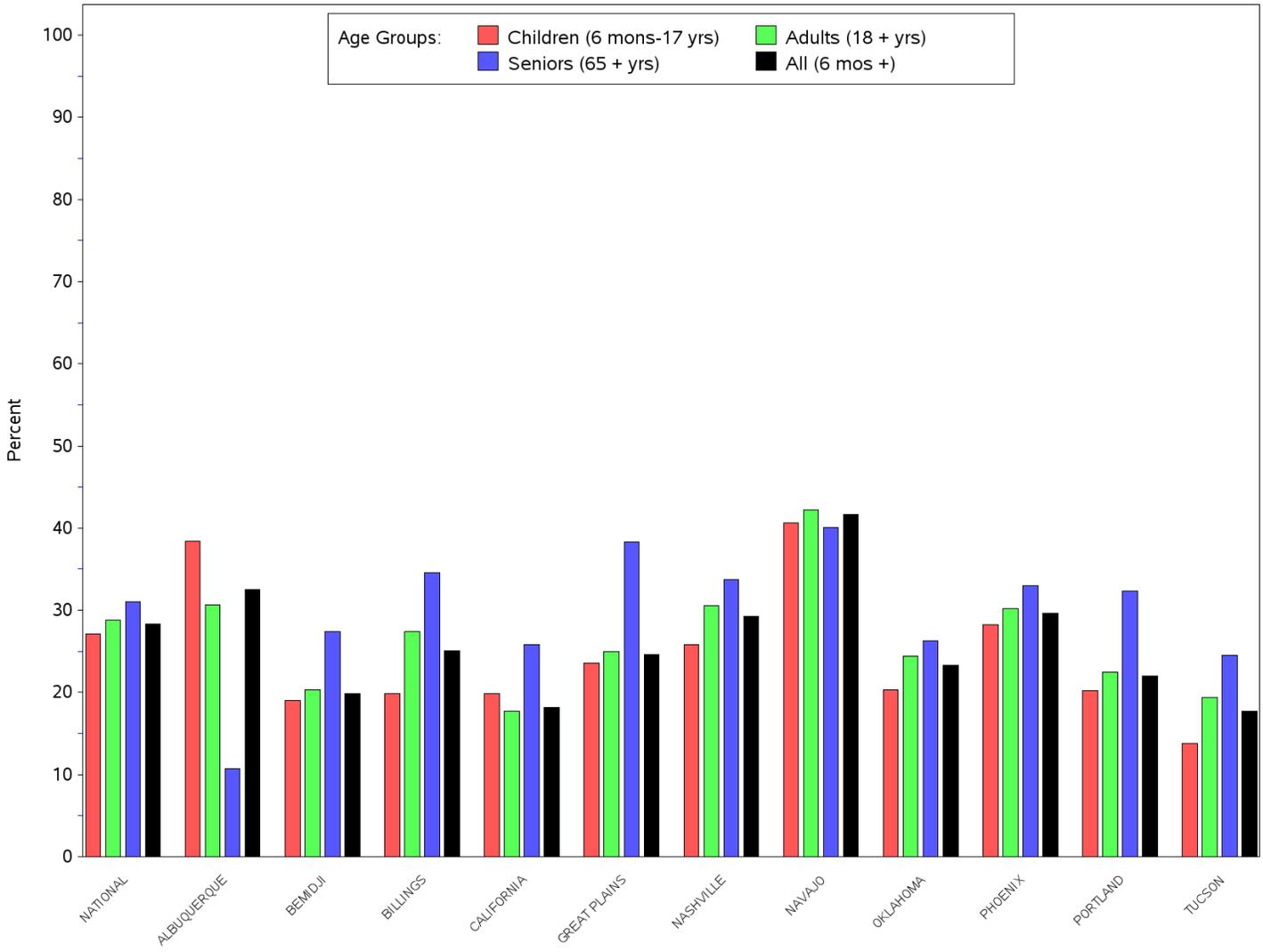
153 (FLU-cclIV3), 155 (FLU-RIV3), 160 (H5N1,adj) and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 01/02/21 (Week 53)



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 01/02/21 (Week 53)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	27.1	28.8	31.0	28.3
ALBUQUERQUE	38.4	30.7	10.7	32.5
BEMIDJI	19.0	20.3	27.4	19.9
BILLINGS	19.9	27.4	34.6	25.1
CALIFORNIA	19.9	17.7	25.8	18.2
GREAT PLAINS	23.6	25.0	38.3	24.6
NASHVILLE	25.8	30.6	33.7	29.3
NAVAJO	40.6	42.2	40.1	41.7
OKLAHOMA	20.3	24.4	26.3	23.3
PHOENIX	28.2	30.2	33.0	29.6
PORTLAND	20.2	22.5	32.3	22.0
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 01/02/21 (Week 53)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	106	155
ALBUQUERQUE	12	19
BEMIDJI	2	4
BILLINGS	10	17
CALIFORNIA	11	16
GREAT PLAINS	10	12
NASHVILLE	21	24
NAVAJO	4	9
OKLAHOMA	17	25
PHOENIX	10	17
PORTLAND	9	12
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