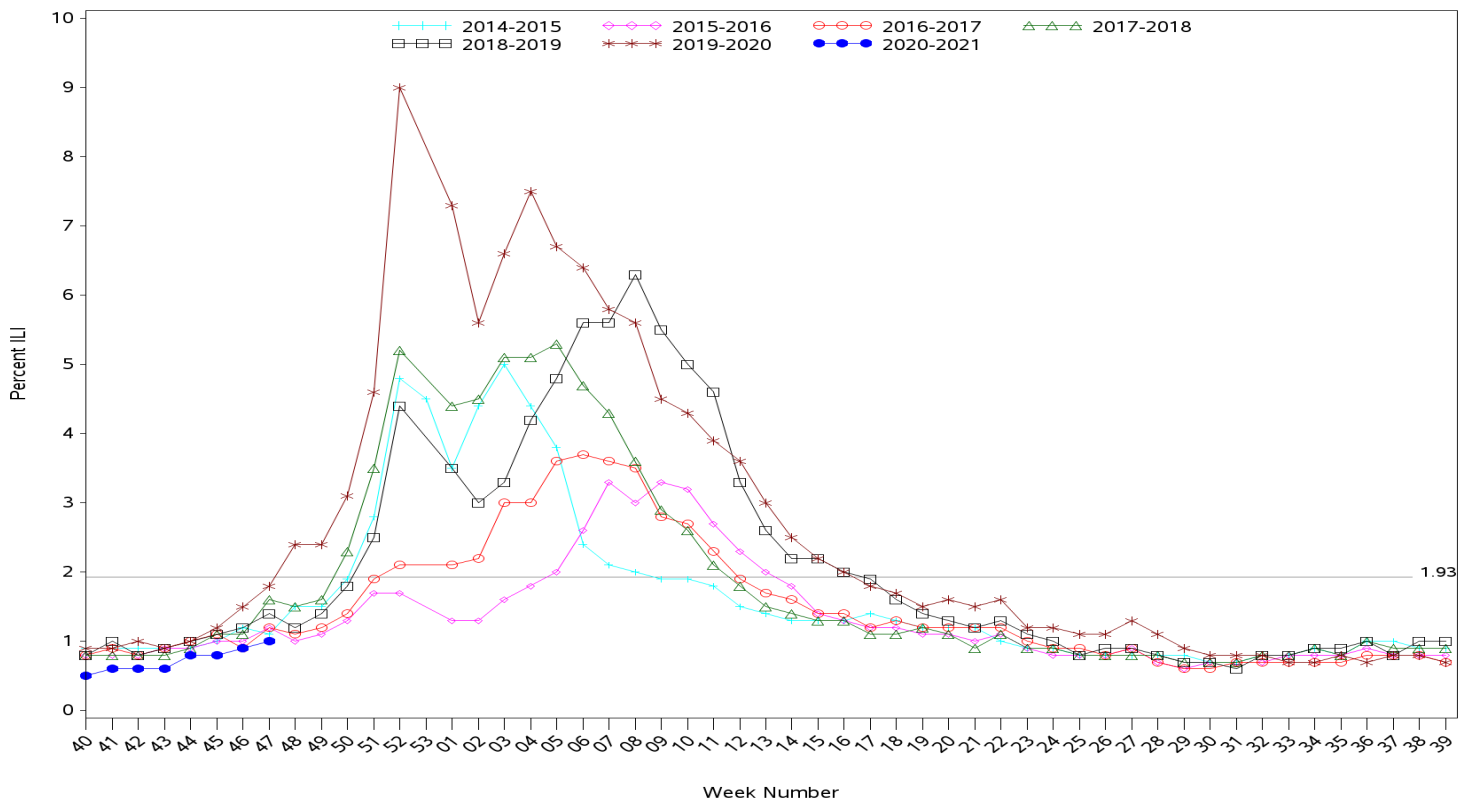




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 47: 11/15/2020 – 11/21/2020)

- IHS national Influenza-like illness (ILI) activity is low at 1.0%, 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 47 (1.56%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 185,377 doses of influenza vaccine.
- Overall, 25.8% 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.

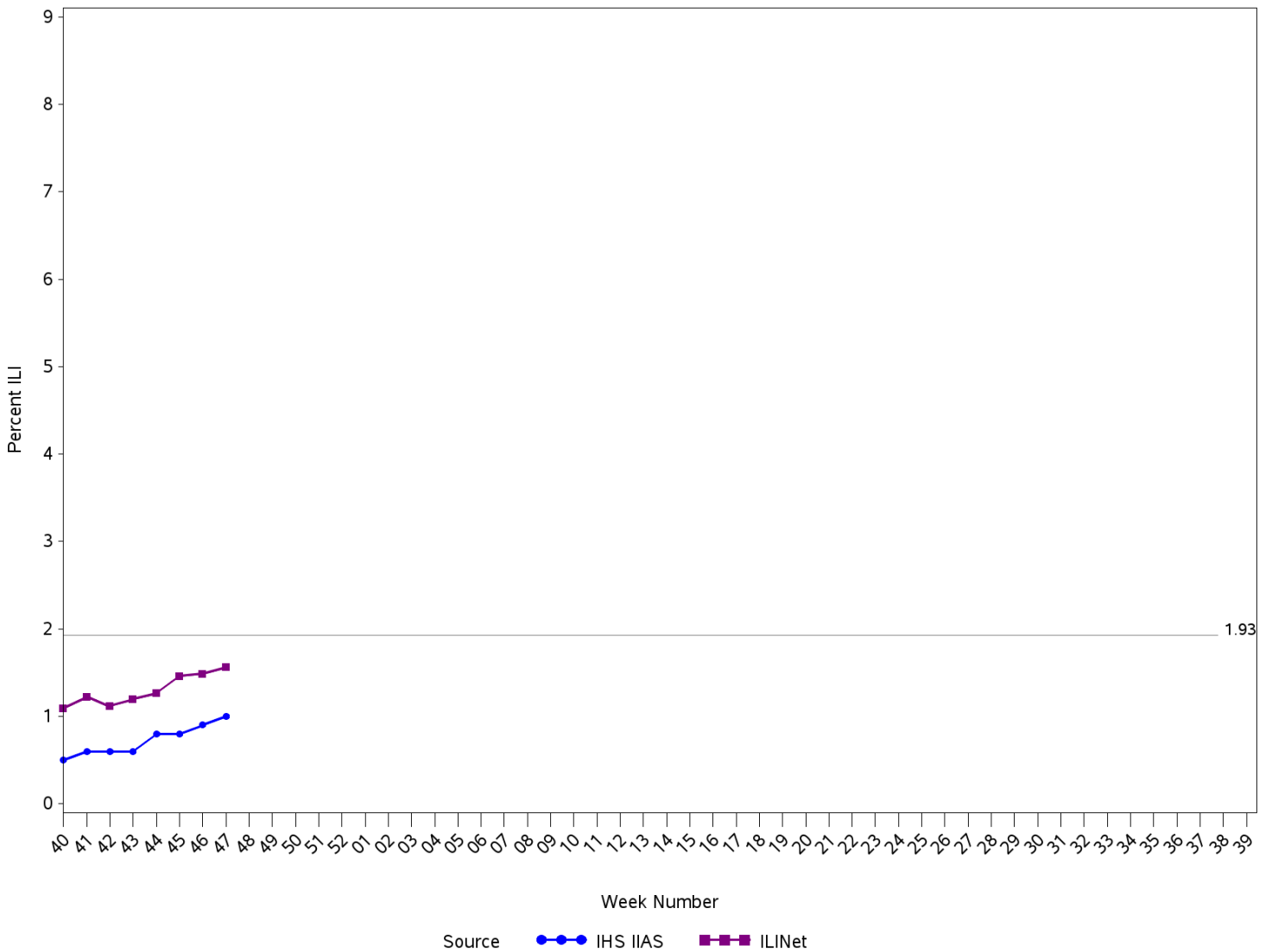
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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 11/21/20 (Week 47)



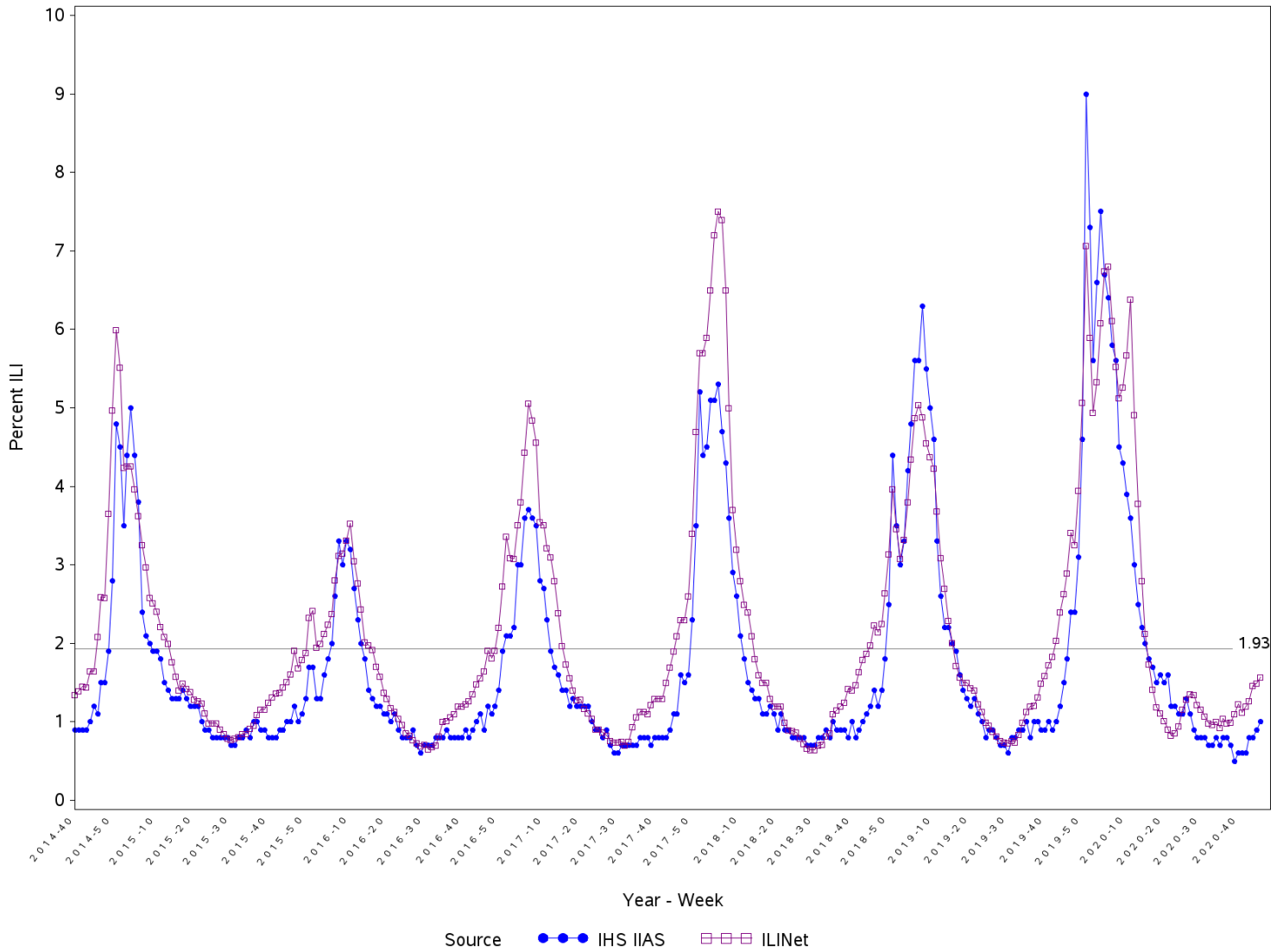
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 11/21/20 (Week 47)**



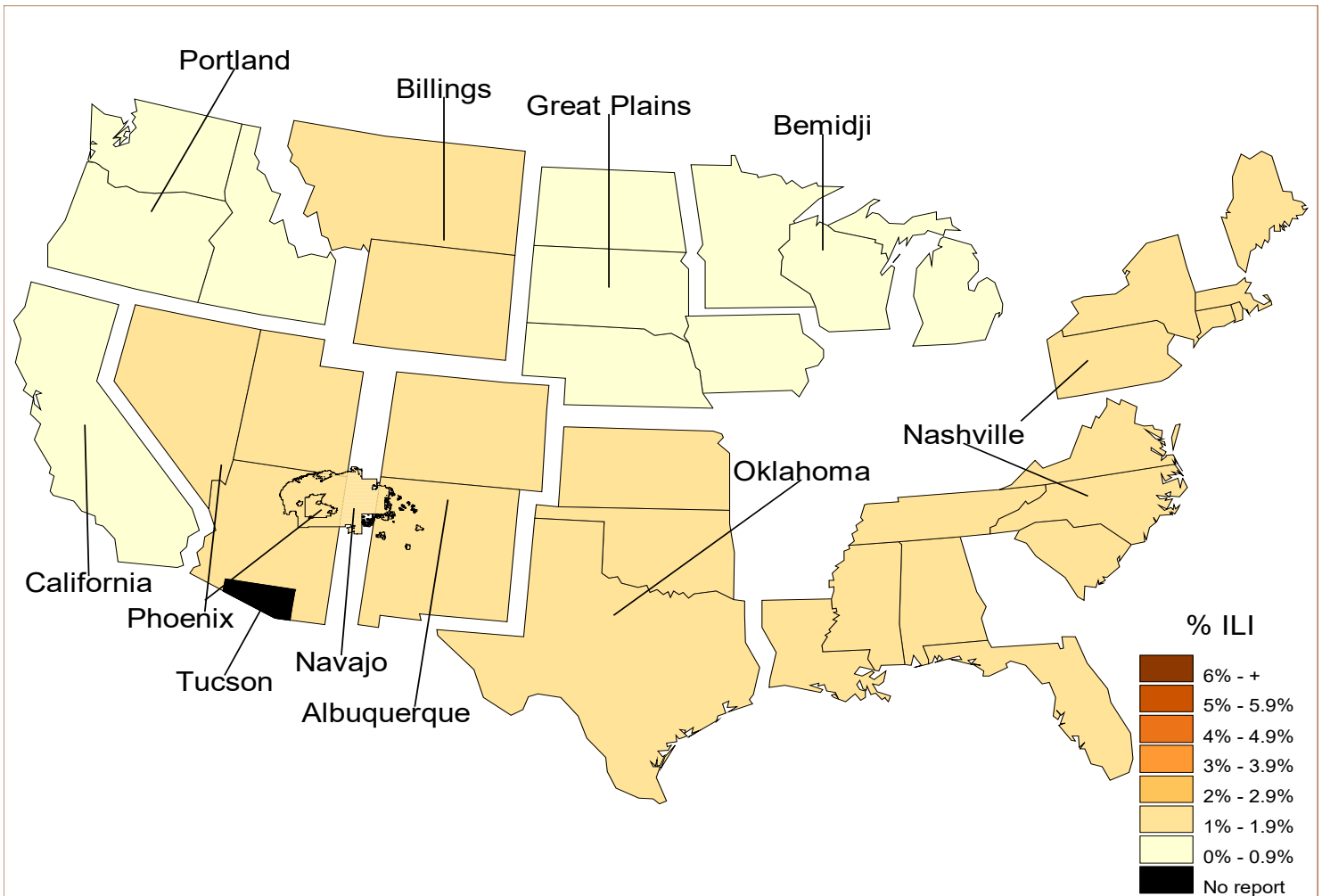
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 11/21/20 (Week 47)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/21/20 (Week 47)**

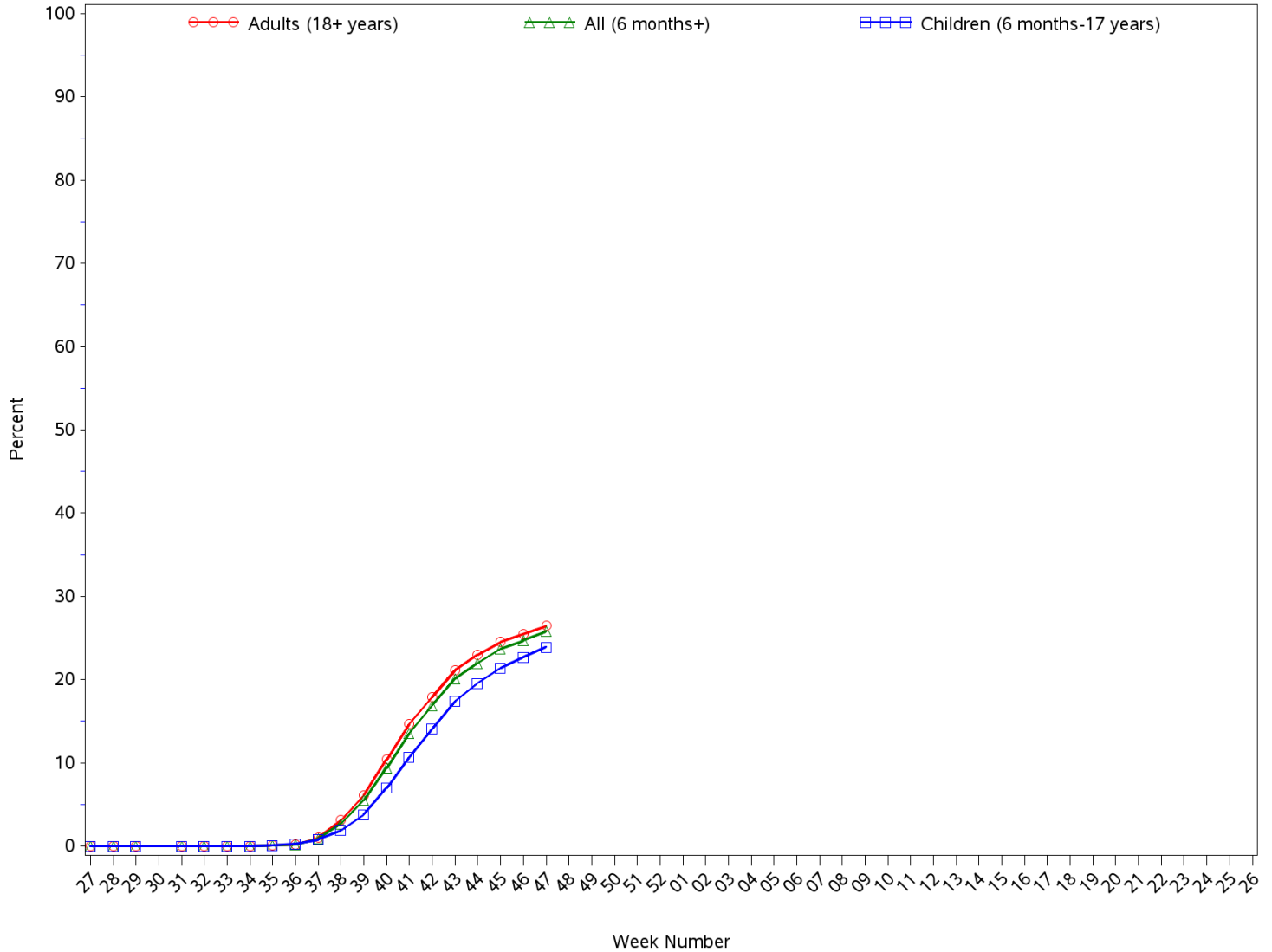
IHS Areas	Previous Week (46)	Current Week (47)
NATIONAL	0.9	1.0
ALBUQUERQUE	1.7	1.9
BEMIDJI	0.4	0.9
BILLINGS	1.0	1.3
CALIFORNIA	0.1	0.0
GREAT PLAINS	1.2	0.8
NASHVILLE	0.7	1.0
NAVAJO	1.2	1.5
OKLAHOMA	0.7	1.0
PHOENIX	0.8	1.1
PORTLAND	0.2	0.2
TUCSON	NR	NR

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 11/21/2020, sites reporting to the IIAS have administered 185,377 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 11/21/20 (Week 47)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 11/21/20 (Week 47)**

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	2,718	18	0.7	0	0.0	18
6 - 23 months	13,467	4,024	29.9	367	2.7	4,391
2 - 4 years	35,220	7,022	19.9	57	0.2	7,079
5 - 17 years	146,685	35,612	24.3	78	0.1	35,696
18 - 49 years	298,344	64,473	21.6	158	0.1	64,643
50 - 64 years	131,176	46,555	35.5	161	0.1	46,736
65 + years	90,610	26,674	29.4	137	0.2	26,832
Children (6 months-17 years)	195,372	46,658	23.9	502	0.3	47,166
Adults (18+ years)	520,130	137,702	26.5	456	0.1	138,211
All (6 months+)	715,502	184,360	25.8	958	0.1	185,377

* 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 11/21/20 (Week 47)**

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	605	145	69	10,205	5,737	28	0	454	63	33	0	0	0	0	85	17,424
BEM	422	36	123	4,701	477	7	2	68	17	3	0	0	0	0	101	5,957
BIL	757	125	112	6,651	842	12	1	5	93	2	0	0	0	0	36	8,636
CAO	1,910	669	13	4,000	911	175	0	12	9	170	0	0	0	0	74	7,943
GPA	2,658	125	255	9,509	2,201	15	0	22	12	346	0	0	0	0	51	15,194
NSA	422	80	41	5,598	2,769	3	0	190	96	8	0	0	0	0	165	9,372
NAV	608	222	2	40,980	12,632	82	86	296	44	66	0	0	0	0	172	55,190
OKC	1,846	1,266	253	23,730	2,461	117	12	20	75	1	0	0	0	0	89	29,870
PHX	1,531	1,006	11	13,761	9,204	52	1	2	248	199	0	0	0	0	109	26,124
POR	302	237	168	6,319	974	1	2	186	136	112	0	0	0	0	34	8,471
TUC	14	14	0	2,467	9	0	0	0	3	0	0	0	0	0	13	2,520
	11,075	3,925	1,047	127,921	38,217	492	104	1,255	796	940	0	0	0	0	929	186,701

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),

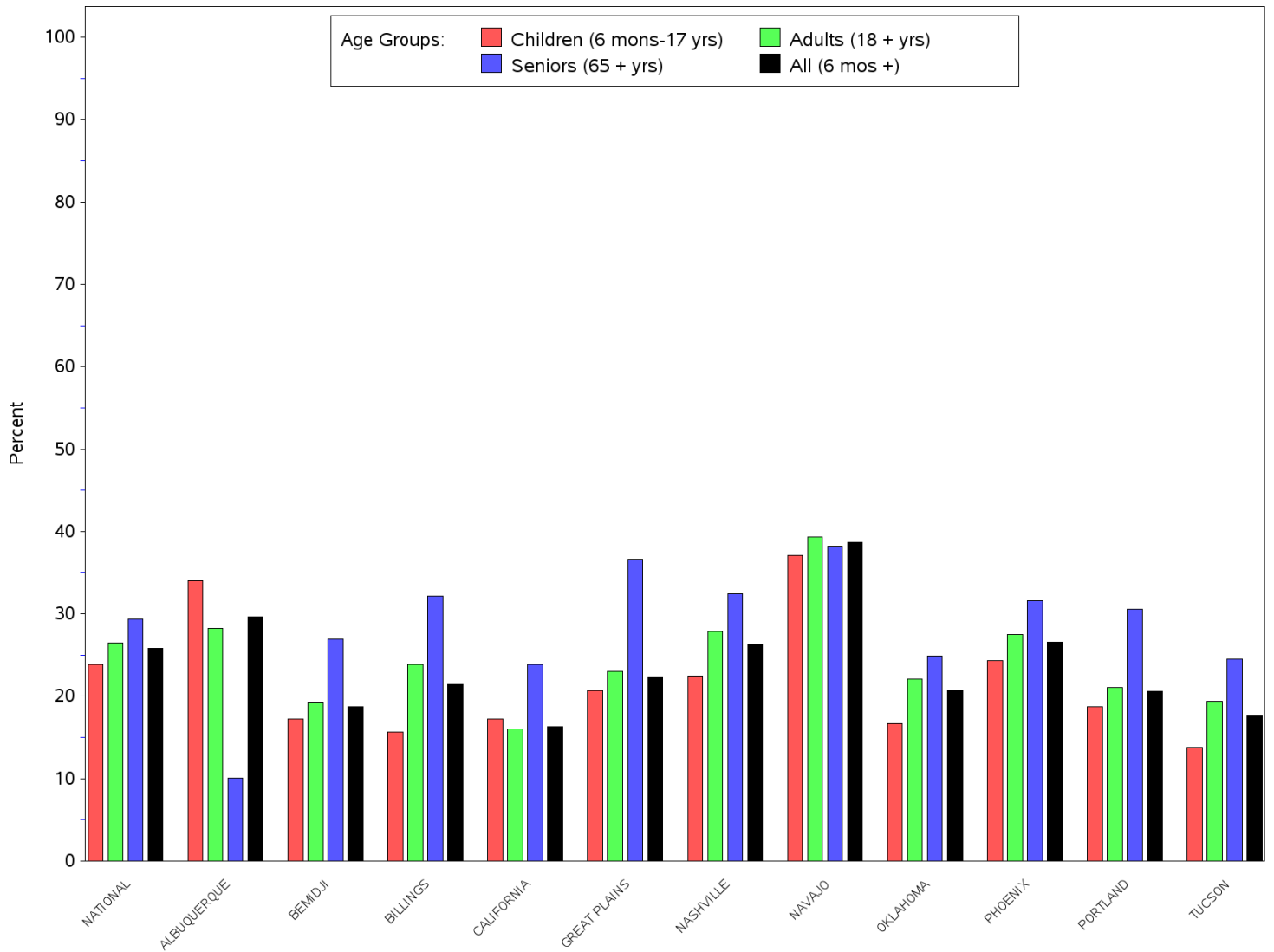
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 11/21/20 (Week 47)



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 11/21/20 (Week 47)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	23.9	26.5	29.4	25.8
ALBUQUERQUE	34.0	28.2	10.1	29.6
BEMIDJI	17.2	19.3	26.9	18.7
BILLINGS	15.7	23.9	32.2	21.4
CALIFORNIA	17.2	16.0	23.9	16.3
GREAT PLAINS	20.7	23.0	36.6	22.4
NASHVILLE	22.5	27.9	32.4	26.3
NAVAJO	37.1	39.3	38.2	38.7
OKLAHOMA	16.7	22.1	24.9	20.7
PHOENIX	24.3	27.5	31.6	26.6
PORTLAND	18.7	21.1	30.6	20.6
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 11/21/20 (Week 47)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	122	199
ALBUQUERQUE	12	18
BEMIDJI	4	8
BILLINGS	10	21
CALIFORNIA	13	22
GREAT PLAINS	14	22
NASHVILLE	21	27
NAVAJO	5	15
OKLAHOMA	17	26
PHOENIX	13	24
PORTLAND	13	16
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