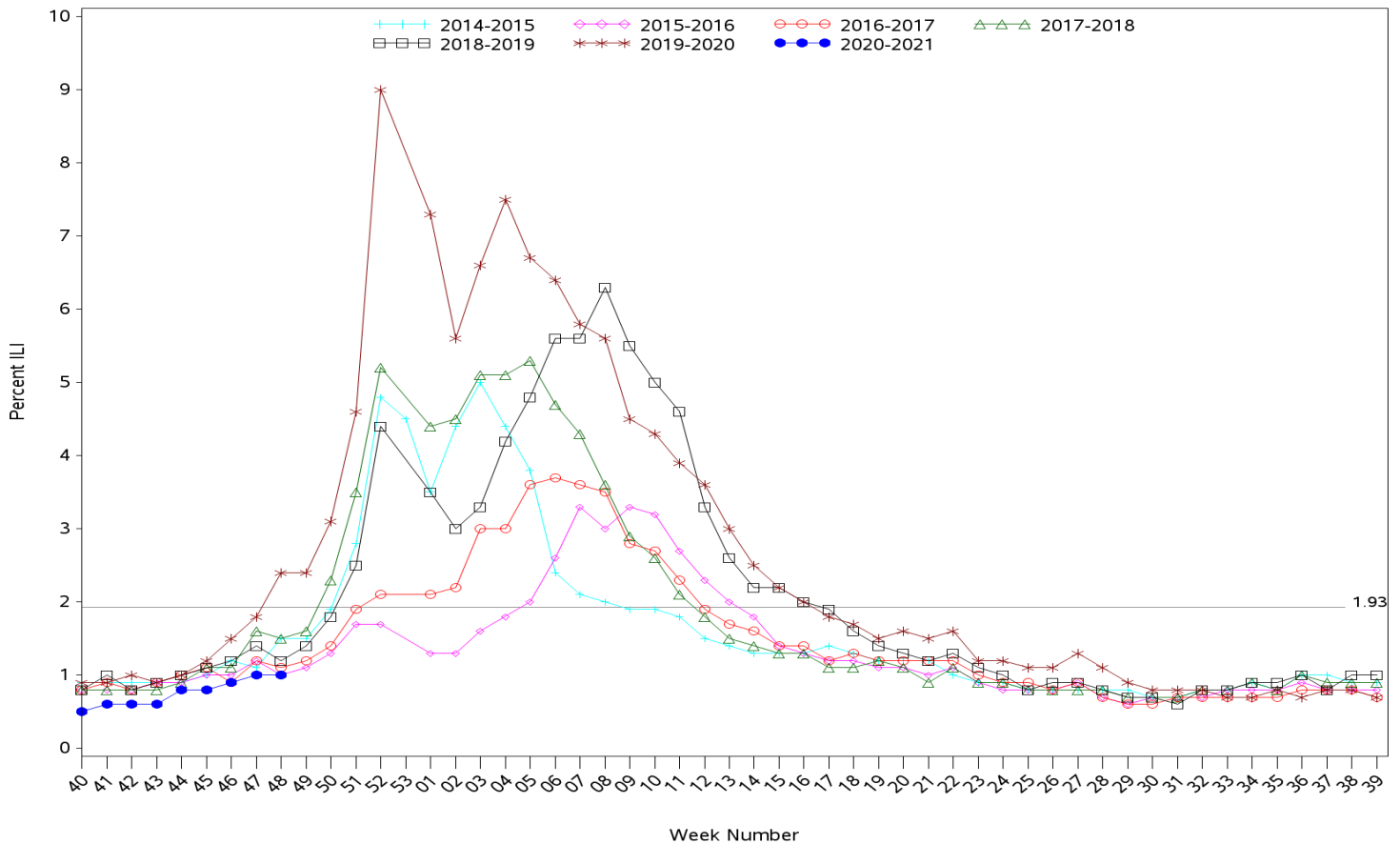




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 48: 11/22/2020 – 11/28/2020)

- IHS national Influenza-like illness (ILI) activity is low at 1.0%, below the IHS baseline of 1.93%
 - Four out of eleven 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 48 (1.61%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 189,307 doses of influenza vaccine.
- Overall, 26.3% 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.

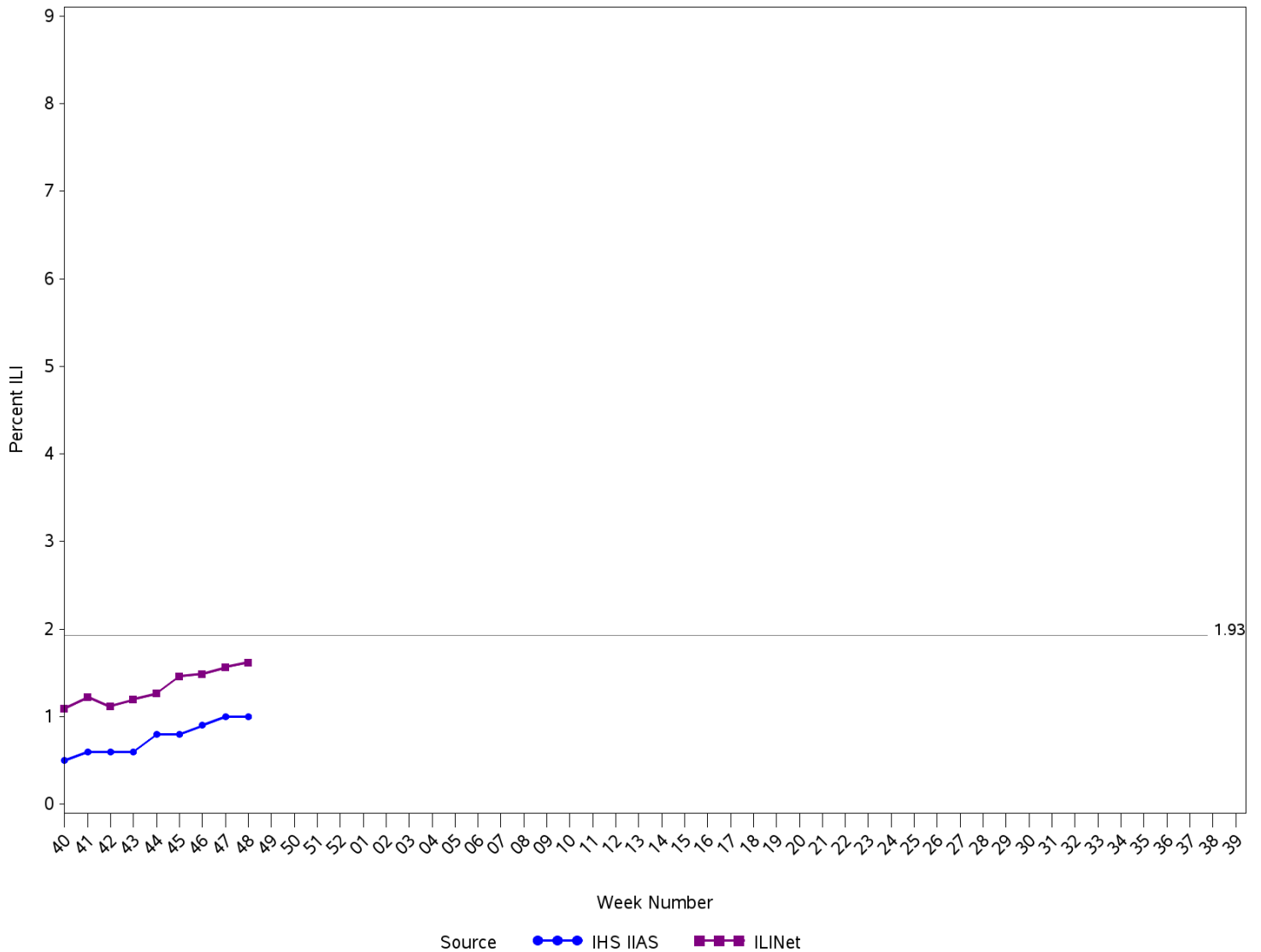
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

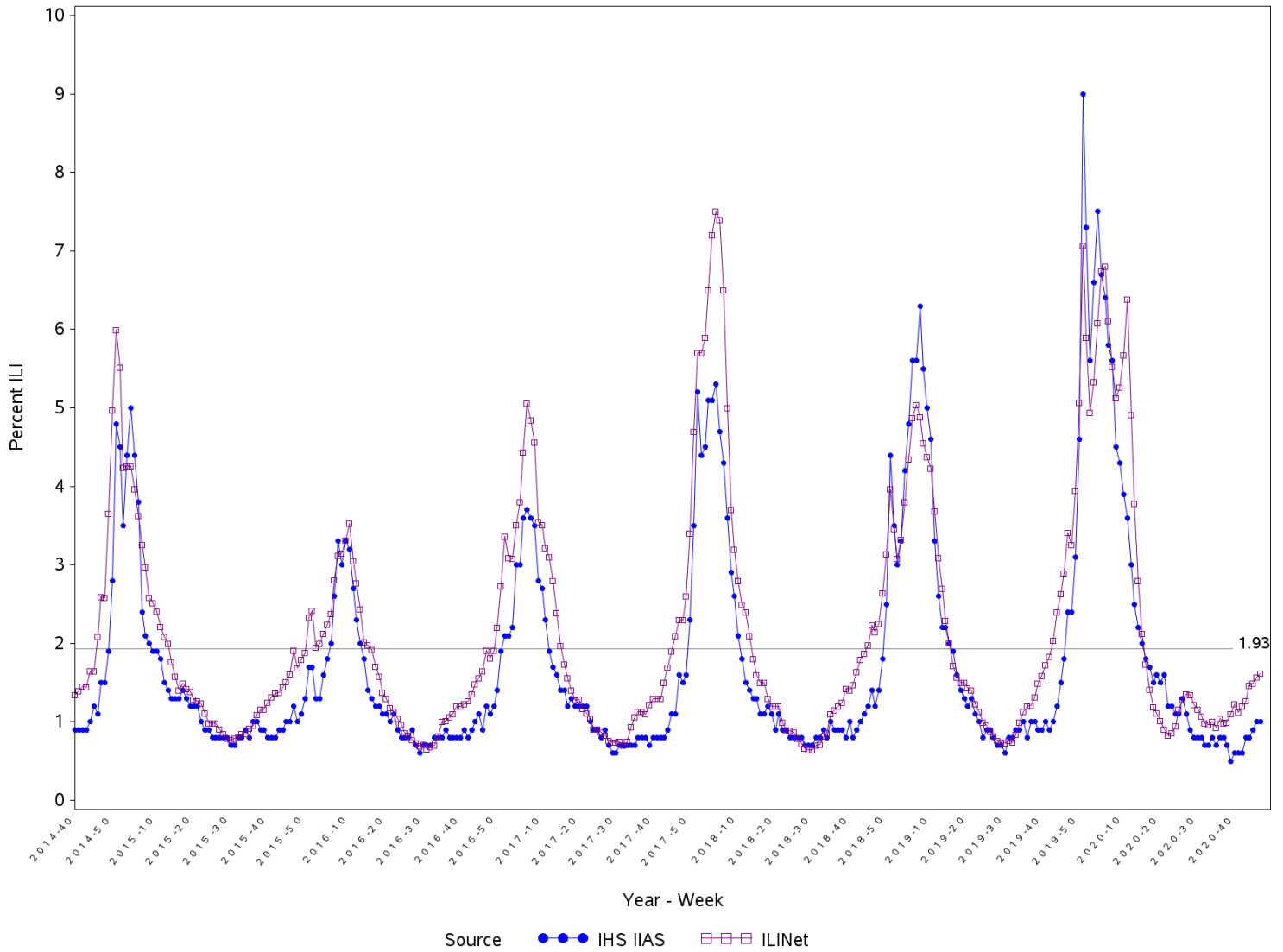
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 11/28/20 (Week 48)



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 11/28/20 (Week 48)**



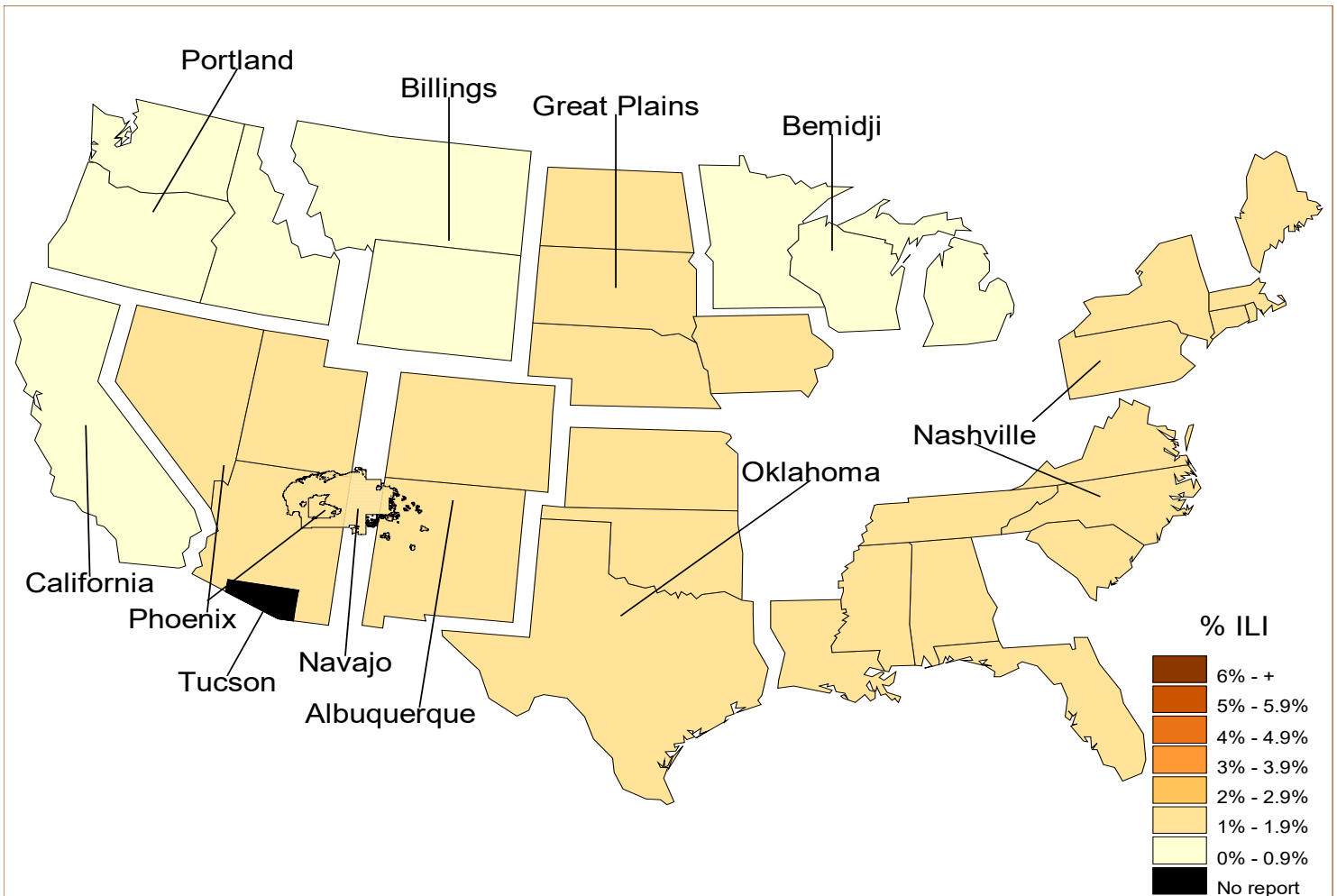
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 11/28/20 (Week 48)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/28/20 (Week 48)**

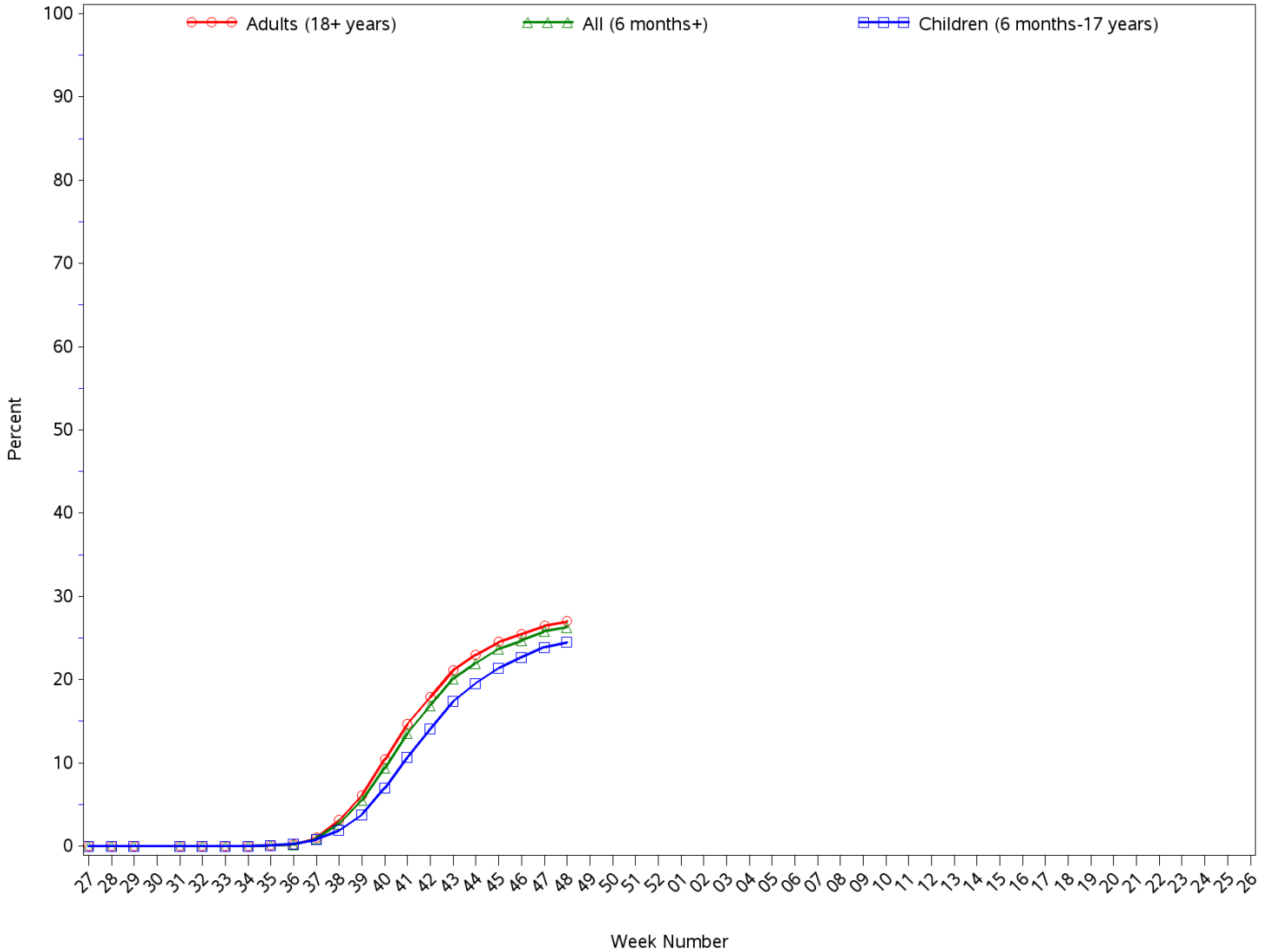
IHS Areas	Previous Week (47)	Current Week (48)
NATIONAL	1.0	1.0
ALBUQUERQUE	1.9	1.4
BEMIDJI	0.9	0.5
BILLINGS	1.3	0.4
CALIFORNIA	0.0	0.0
GREAT PLAINS	0.8	1.1
NASHVILLE	1.0	1.0
NAVAJO	1.5	1.7
OKLAHOMA	1.0	1.0
PHOENIX	1.1	1.0
PORTLAND	0.2	0.2
TUCSON	NR	NR

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 11/28/2020, sites reporting to the IIAS have administered 189,307 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 11/28/20 (Week 48)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 11/28/20 (Week 48)

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	4,201	31.2	430	3.2	4,631
2 - 4 years	35,220	7,237	20.5	63	0.2	7,300
5 - 17 years	146,685	36,478	24.9	82	0.1	36,566
18 - 49 years	298,344	65,879	22.1	166	0.1	66,058
50 - 64 years	131,176	47,344	36.1	169	0.1	47,533
65 + years	90,610	27,053	29.9	145	0.2	27,219
Children (6 months-17 years)	195,372	47,916	24.5	575	0.3	48,497
Adults (18+ years)	520,130	140,276	27.0	480	0.1	140,810
All (6 months+)	715,502	188,192	26.3	1,055	0.1	189,307

* 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 11/28/20 (Week 48)

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	609	146	69	10,454	5,775	29	0	463	66	33	0	0	0	0	87	17,731
BEM	422	36	125	4,773	478	7	2	71	17	3	0	0	0	0	101	6,035
BIL	772	125	115	6,883	863	12	1	6	94	2	0	0	0	0	37	8,910
CAO	1,946	682	13	4,161	943	180	0	12	10	170	0	0	0	0	83	8,200
GPA	2,691	128	267	9,720	2,224	15	0	23	12	346	0	0	0	0	51	15,477
NSA	425	81	41	5,705	2,808	3	0	190	97	8	0	0	0	0	167	9,525
NAV	612	223	2	41,485	13,208	82	86	297	44	66	0	0	0	0	175	56,280
OKC	1,883	1,274	263	24,301	2,553	131	12	20	76	1	0	0	0	0	90	30,604
PHX	1,548	1,013	11	14,146	9,373	54	1	2	250	201	0	0	0	0	112	26,711
POR	304	237	168	6,369	1,009	1	2	191	140	116	0	0	0	0	35	8,572
TUC	14	14	0	2,467	9	0	0	0	3	0	0	0	0	0	13	2,520
	11,226	3,959	1,074	130,464	39,243	514	104	1,275	809	946	0	0	0	0	951	190,565

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),

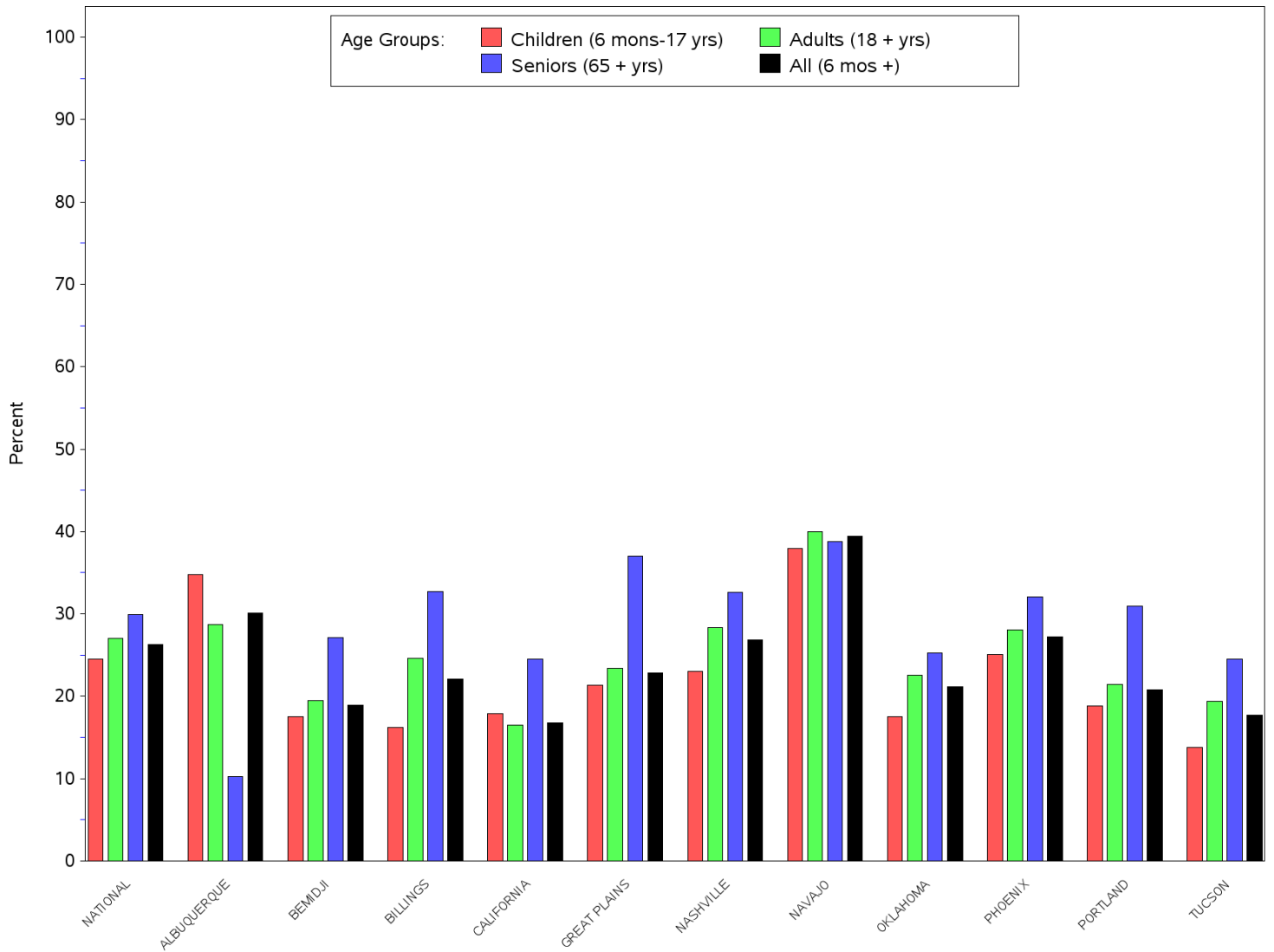
153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 11/28/20 (Week 48)



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 11/28/20 (Week 48)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	24.5	27.0	29.9	26.3
ALBUQUERQUE	34.8	28.7	10.3	30.1
BEMIDJI	17.5	19.5	27.1	18.9
BILLINGS	16.2	24.6	32.7	22.1
CALIFORNIA	17.9	16.5	24.5	16.8
GREAT PLAINS	21.3	23.4	37.0	22.8
NASHVILLE	23.0	28.3	32.6	26.8
NAVAJO	37.9	40.0	38.8	39.4
OKLAHOMA	17.5	22.6	25.3	21.2
PHOENIX	25.1	28.1	32.1	27.2
PORTLAND	18.8	21.4	30.9	20.8
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 11/28/20 (Week 48)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	116	190
ALBUQUERQUE	12	18
BEMIDJI	3	6
BILLINGS	10	20
CALIFORNIA	13	21
GREAT PLAINS	11	17
NASHVILLE	21	27
NAVAJO	5	14
OKLAHOMA	17	27
PHOENIX	13	24
PORTLAND	11	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