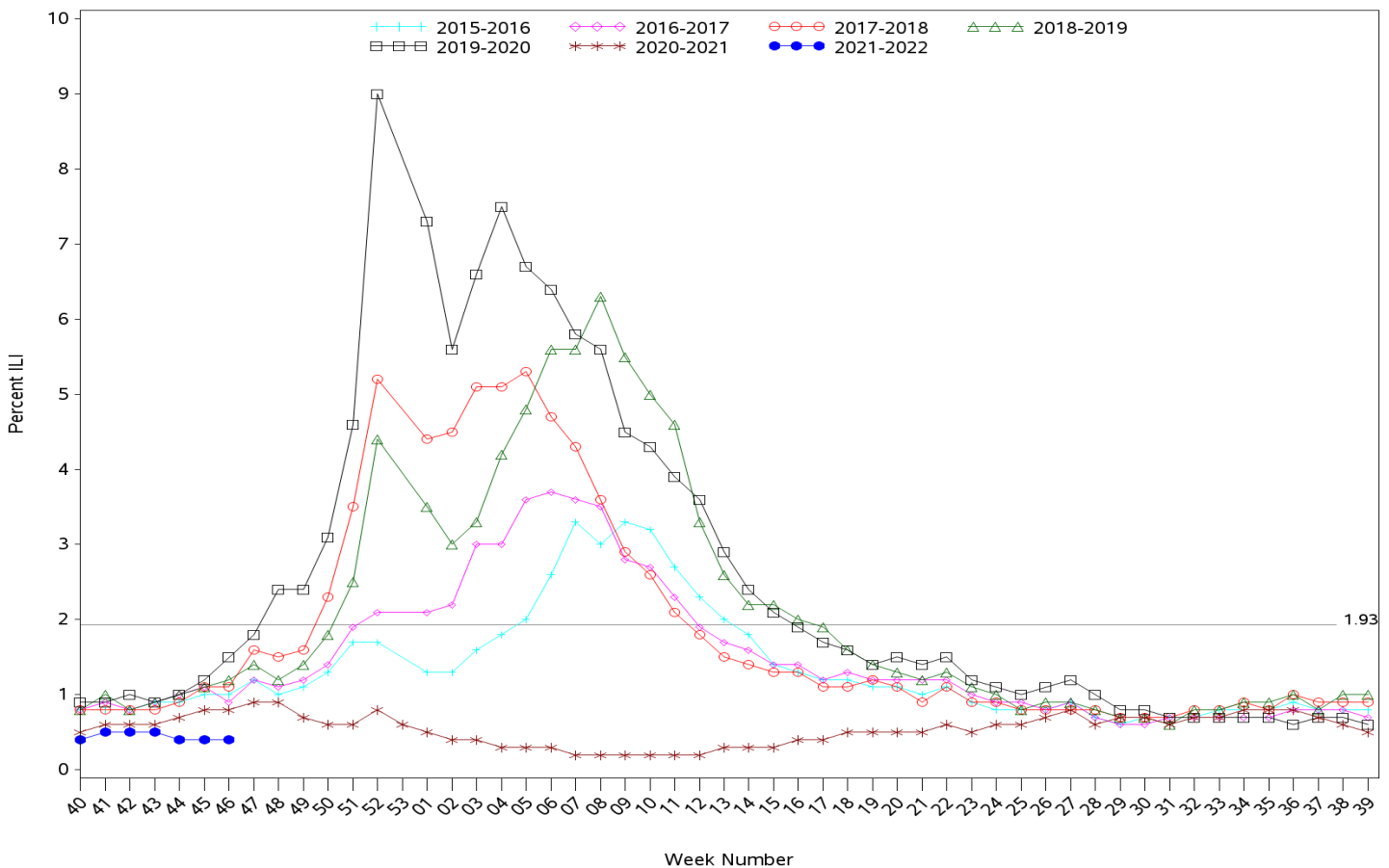




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 46: 11/14/2021 - 11/20/2021)

- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
 - Five 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 46 (2.29%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 129,947 doses of influenza vaccine.
- Overall, 19.1% 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.

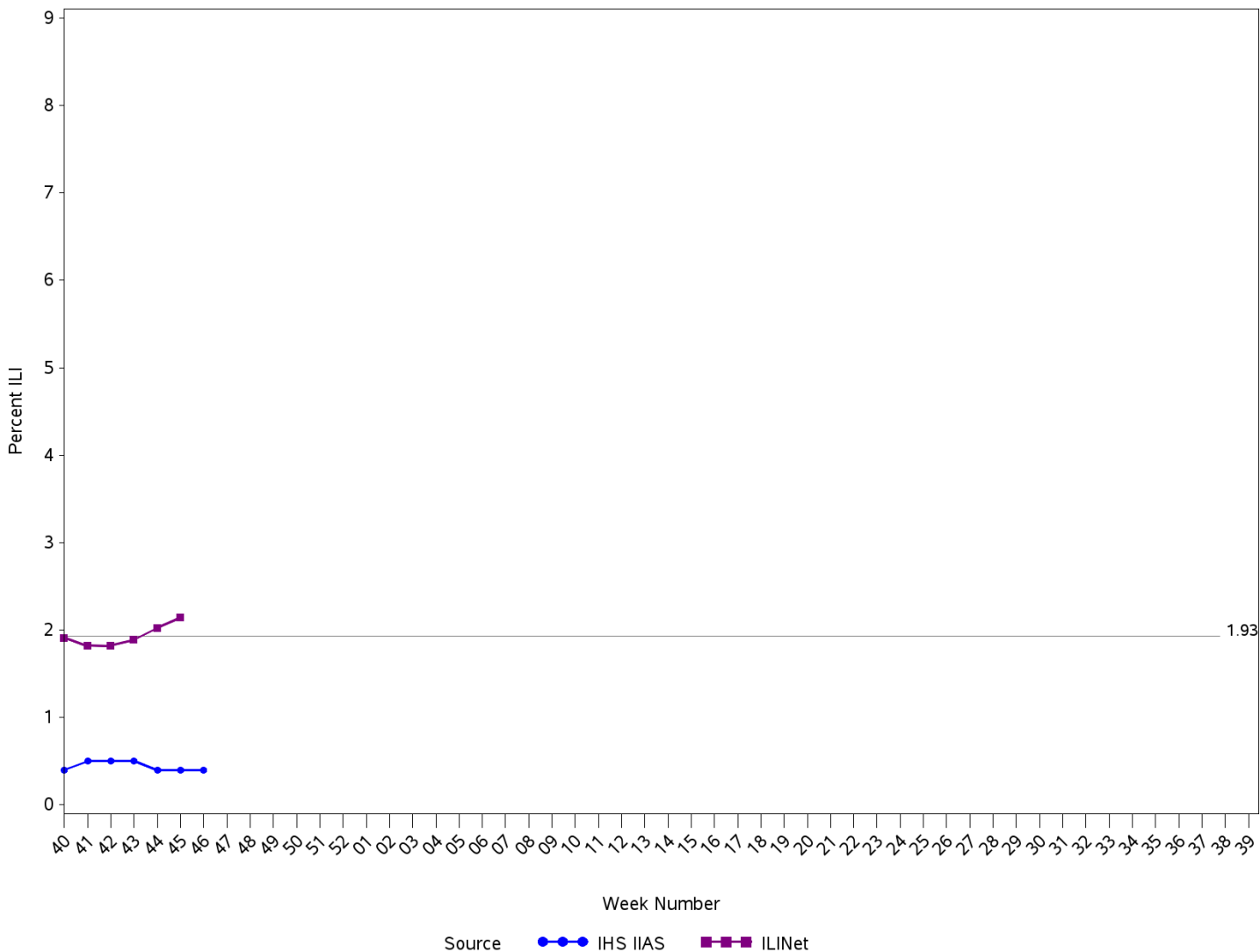
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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)
10/31/21 through 11/20/21 (Week 46)



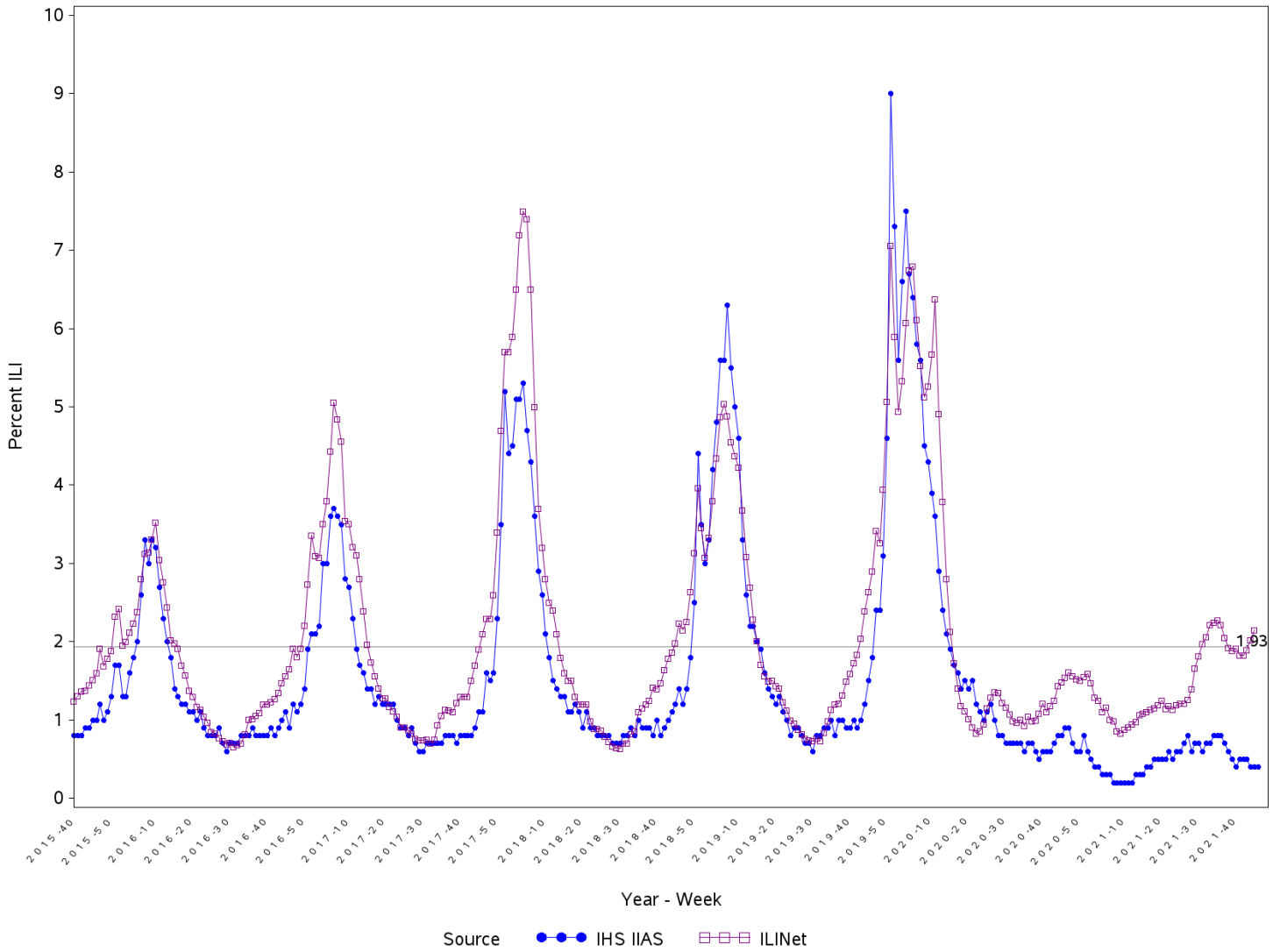
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

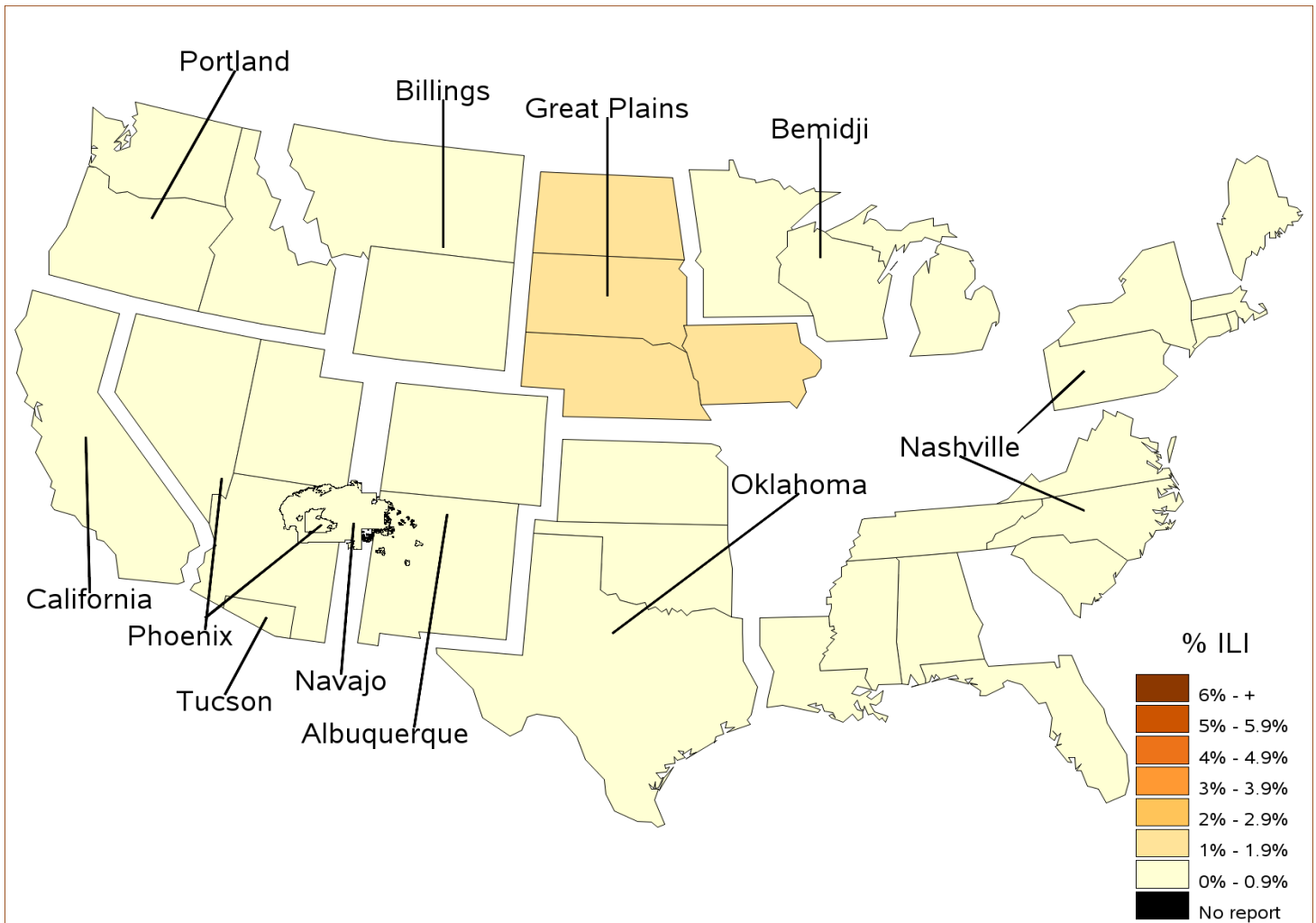
**IHS Influenza-like Illness Awareness System vs. CDC ILINet
Influenza-Like Illness (ILI) for six year window from latest full week
Percentage of Visits for ILI per week
10/31/21 through 11/20/21 (Week 46)**



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 11/20/21 (Week 46)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/20/21 (Week 46)**

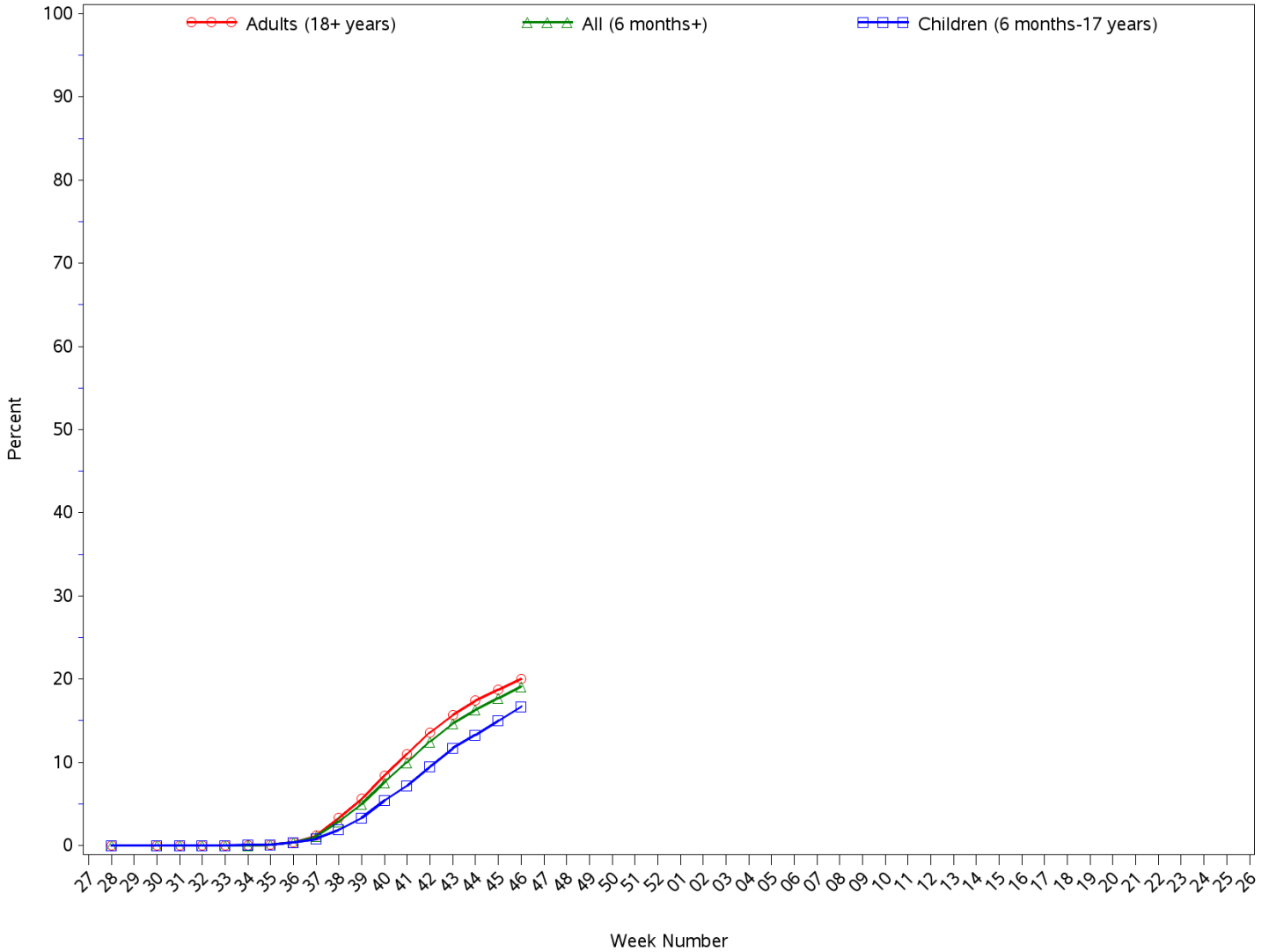
IHS Areas	Previous Week (45)	Current Week (46)
NATIONAL	0.4	0.4
ALBUQUERQUE	0.2	0.1
BEMIDJI	0.6	0.3
BILLINGS	0.4	0.4
CALIFORNIA	0.1	0.1
GREAT PLAINS	0.8	1.3
NASHVILLE	0.7	0.6
NAVAJO	0.2	0.2
OKLAHOMA	0.4	0.4
PHOENIX	0.6	0.3
PORTLAND	0.0	0.0
TUCSON	0.5	0.6

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

IHS Influenza Vaccination Surveillance

As of 11/20/2021, sites reporting to the IIAS have administered 129,947 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 11/20/21 (Week 46)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 11/20/21 (Week 46)**

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	2,480	9	0.4	0	0.0	9
6 - 23 months	12,345	2,454	19.9	172	1.4	2,630
2 - 4 years	32,927	3,836	11.7	14	0.0	3,865
5 - 17 years	134,099	23,615	17.6	63	0.0	23,757
18 - 49 years	272,129	44,030	16.2	122	0.0	44,328
50 - 64 years	120,832	34,769	28.8	119	0.1	35,070
65 + years	86,671	16,963	19.6	69	0.1	17,297
Children (6 months-17 years)	179,371	29,905	16.7	249	0.1	30,252
Adults (18+ years)	479,632	95,762	20.0	310	0.1	96,695
All (6 months+)	659,003	125,667	19.1	559	0.1	126,947

* 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 11/20/21 (Week 46)**

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	84	195	29	7,023	4,734	144	10	12	5	19	0	0	0	0	44	12,299
BEM	25	52	19	3,393	84	1	0	14	8	1	0	0	0	0	21	3,618
BIL	102	52	71	5,215	1,504	15	0	8	45	6	0	0	0	0	38	7,056
CAO	664	121	5	1,530	348	14	3	265	104	107	0	0	0	0	19	3,180
GPA	601	96	10	5,623	669	1,017	0	13	0	2	0	0	0	0	15	8,046
NSA	290	139	21	4,029	2,864	9	1	15	6	3	0	0	0	0	63	7,440
NAV	76	165	0	33,793	3,155	150	1	11	7	184	0	0	0	0	140	37,682
OKC	915	851	246	20,766	3,722	265	12	62	86	12	0	0	0	0	62	26,999
PHX	201	224	1	10,580	5,307	69	2	11	3	7	0	0	0	0	52	16,457
POR	83	41	25	372	1,085	11	0	152	1	0	0	0	0	0	9	1,779
TUC	14	4	0	3,438	30	16	0	3	0	0	0	0	0	0	4	3,509
	3,055	1,940	427	95,762	23,502	1,711	29	566	265	341	0	0	0	0	467	128,065

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),

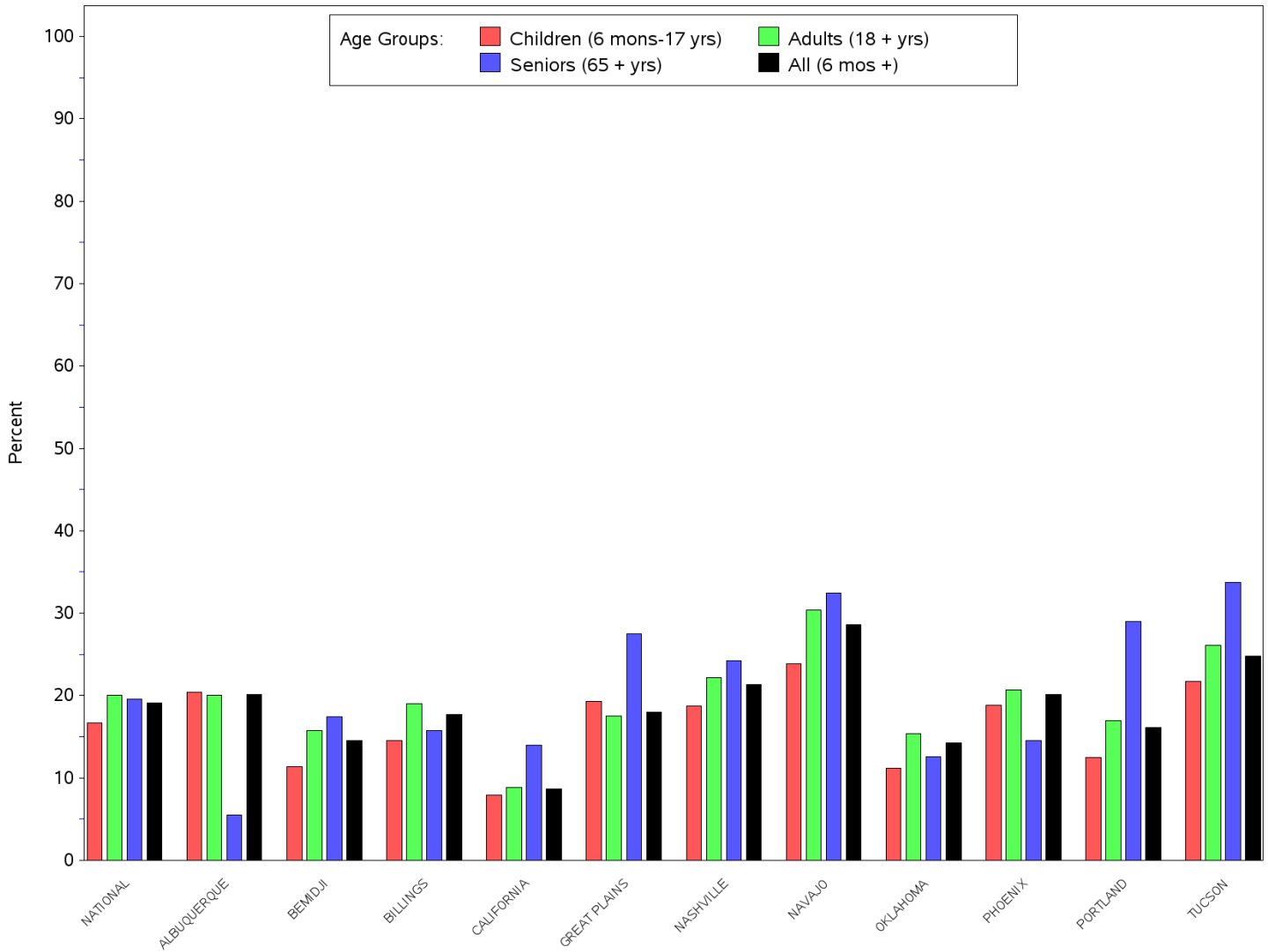
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 11/20/21 (Week 46)



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 11/20/21 (Week 46)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	16.7	20.0	19.6	19.1
ALBUQUERQUE	20.4	20.0	5.5	20.1
BEMIDJI	11.4	15.8	17.4	14.5
BILLINGS	14.5	19.0	15.8	17.7
CALIFORNIA	7.9	8.9	14.0	8.7
GREAT PLAINS	19.3	17.5	27.5	18.0
NASHVILLE	18.7	22.2	24.2	21.3
NAVAJO	23.9	30.4	32.4	28.6
OKLAHOMA	11.2	15.4	12.6	14.3
PHOENIX	18.8	20.7	14.5	20.1
PORTLAND	12.5	17.0	29.0	16.1
TUCSON	21.7	26.1	33.7	24.8

Number of RPMS Databases Reporting for Week Ending 11/20/21 (Week 46)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	172
ALBUQUERQUE	14	21
BEMIDJI	2	3
BILLINGS	10	19
CALIFORNIA	11	17
GREAT PLAINS	7	10
NASHVILLE	22	26
NAVAJO	5	16
OKLAHOMA	18	36
PHOENIX	7	16
PORTLAND	3	4
TUCSON	1	4

* Exporting databases may include data from multiple facilities.

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

NR = Not Reported