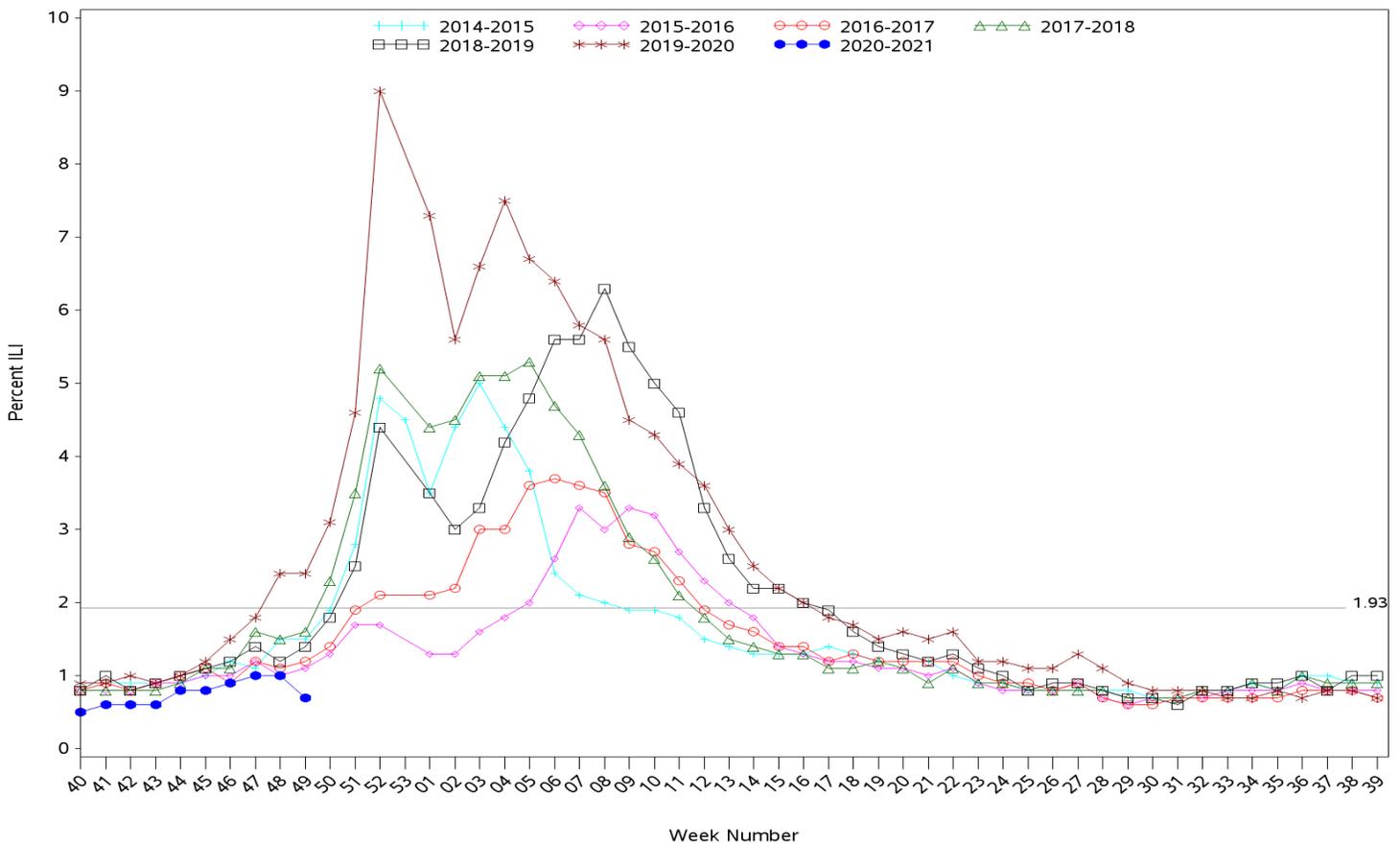




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza- Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 49: 11/29/2020 – 12/05/2020)

- IHS national Influenza-like illness (ILI) activity is low at 0.7%, below the IHS baseline of 1.93%
 - Seven 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 49 (1.58%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 194,009 doses of influenza vaccine.
- Overall, 27.0% 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.

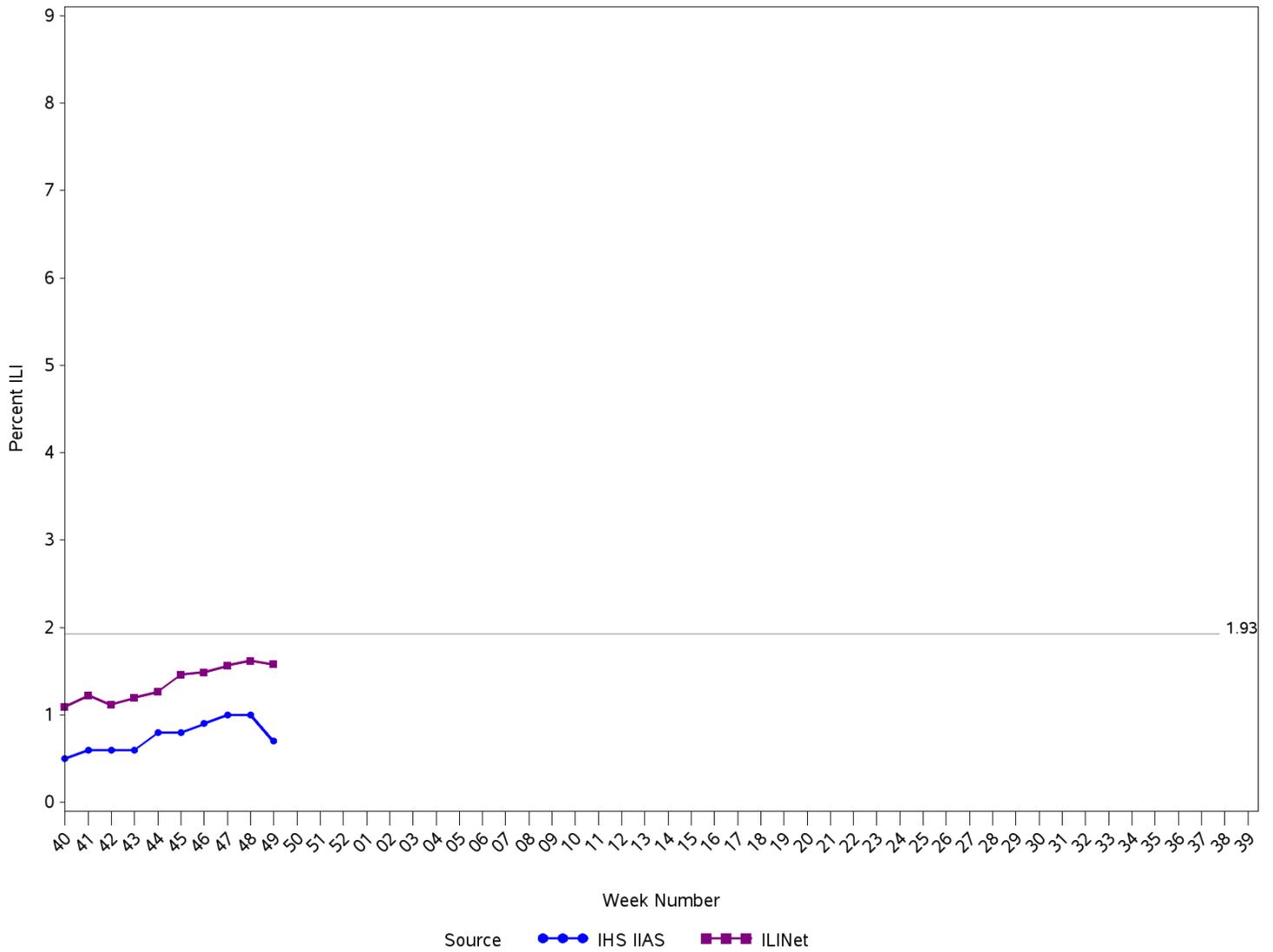
The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

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.

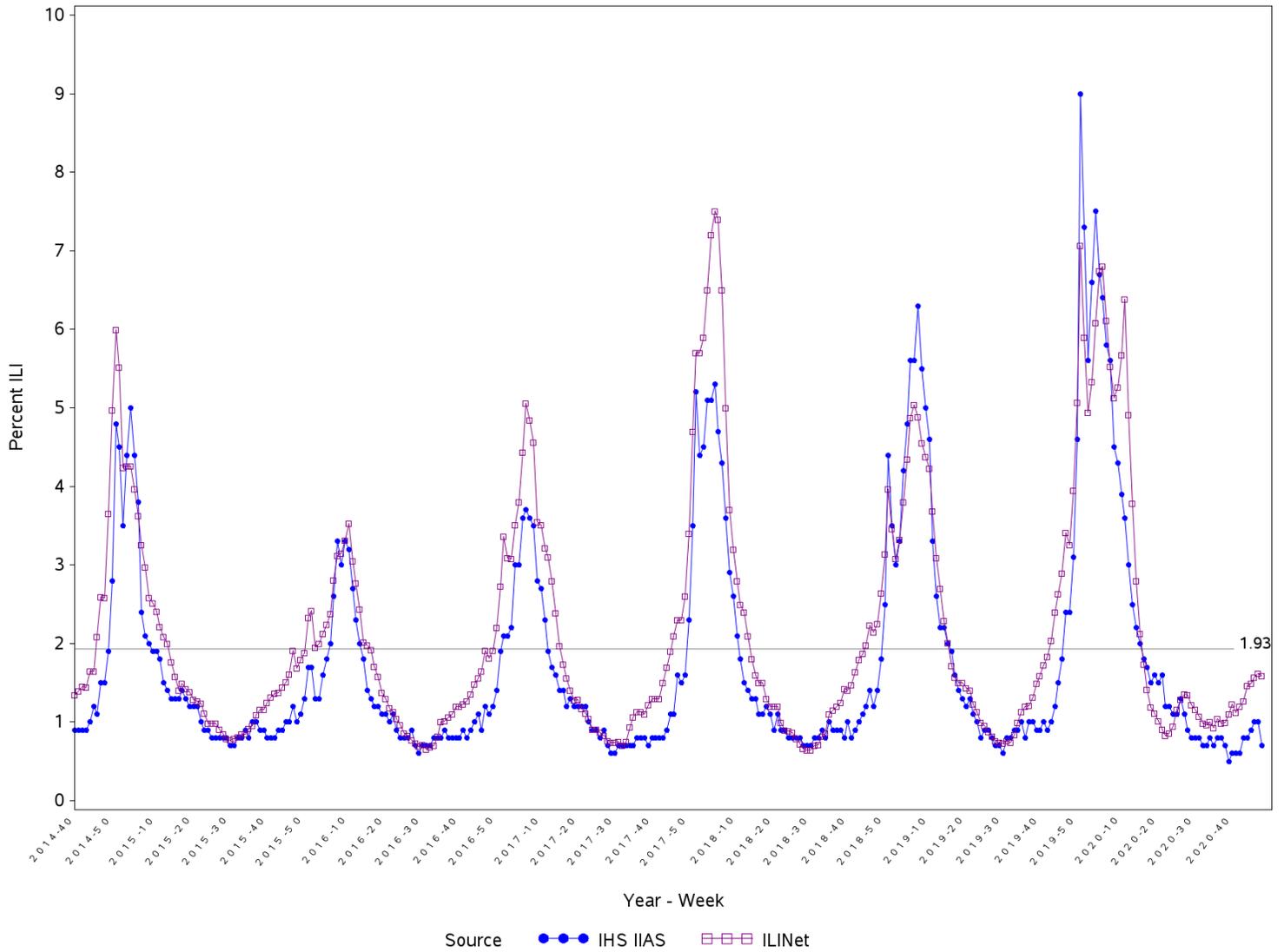
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

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 12/05/20 (Week 49)



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 12/05/20 (Week 49)**



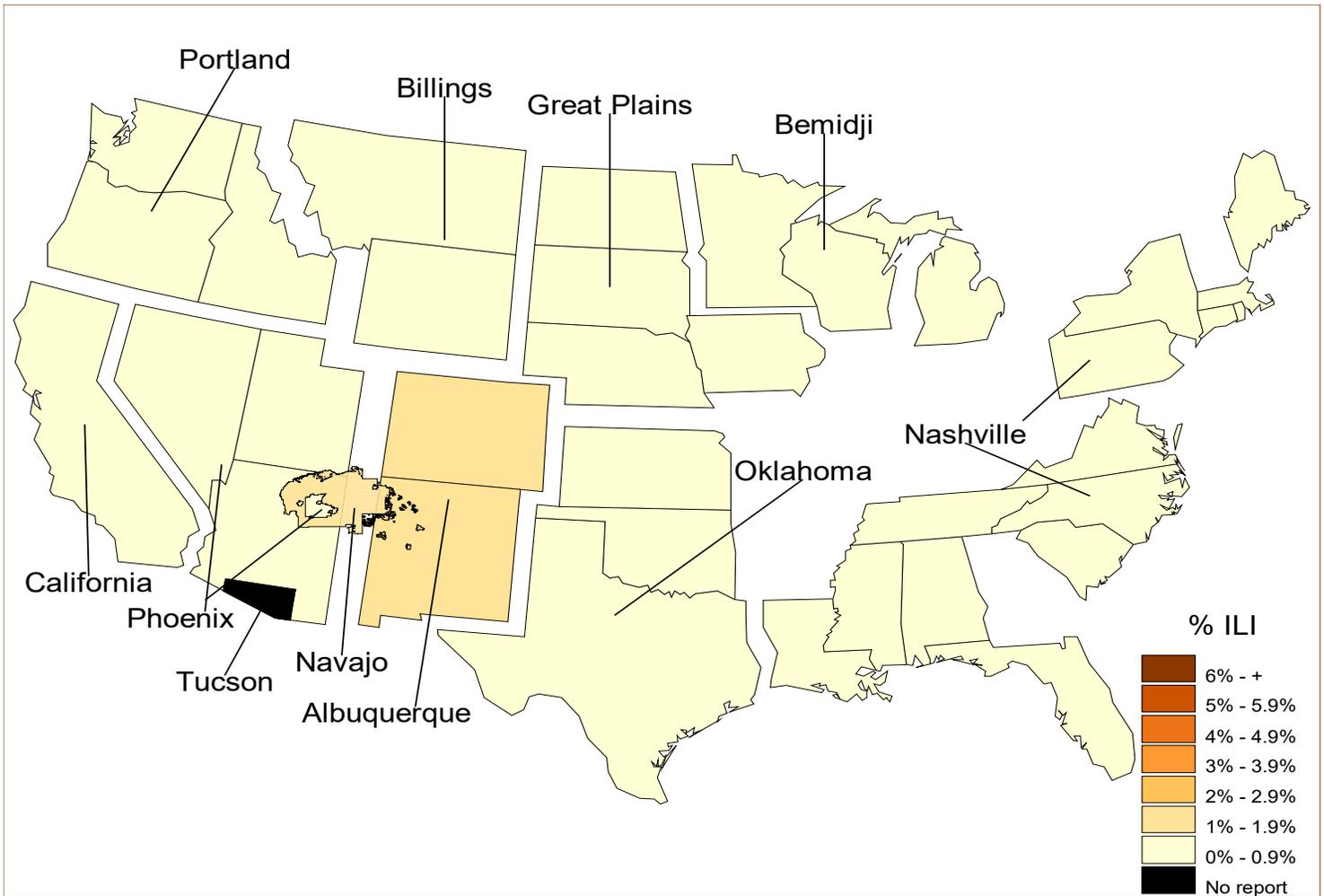
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 12/05/20 (Week 49)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 12/05/20 (Week 49)**

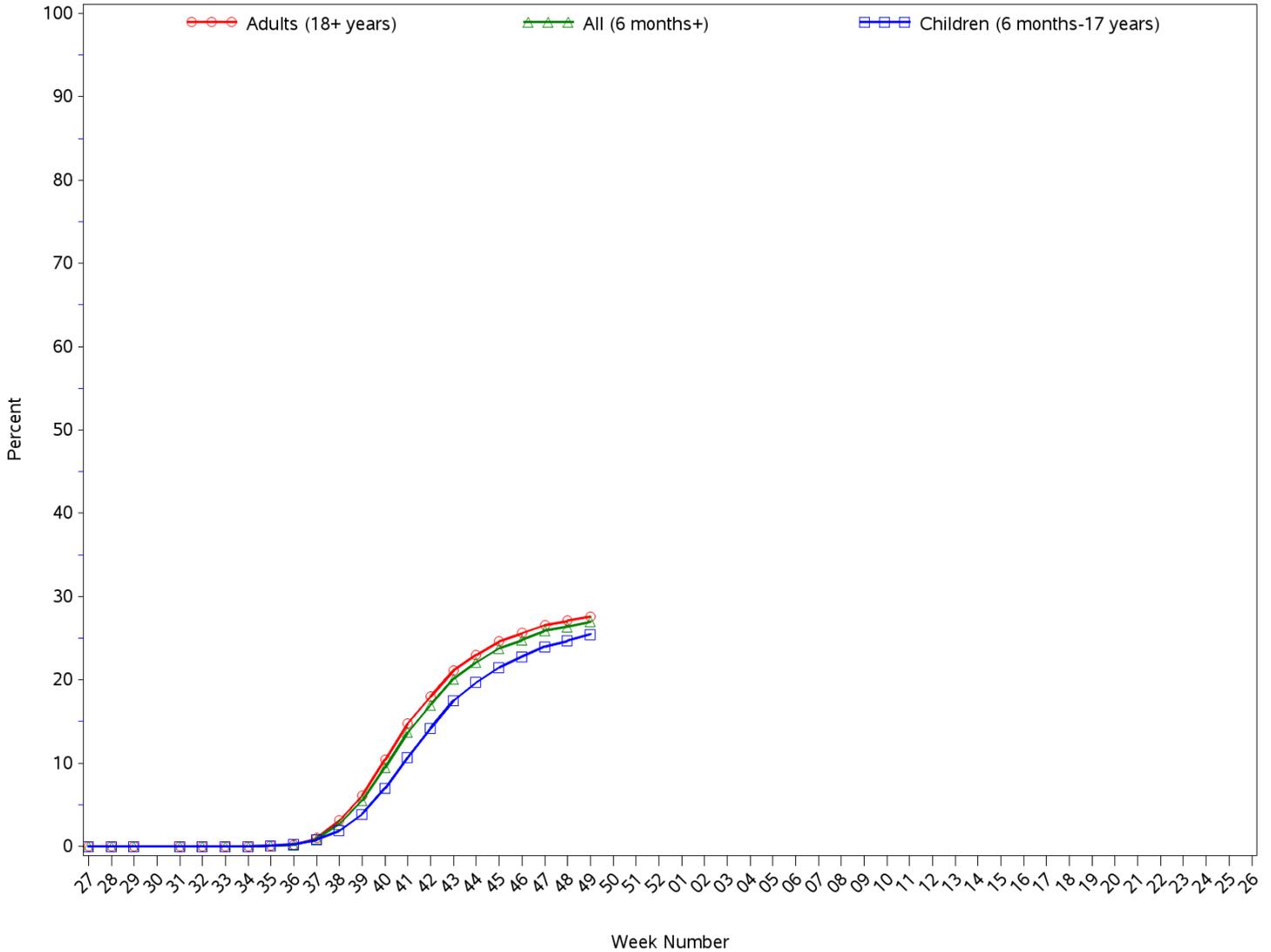
IHS Areas	Previous Week (48)	Current Week (49)
NATIONAL	1.0	0.7
ALBUQUERQUE	1.4	1.1
BEMIDJI	0.5	0.7
BILLINGS	0.4	0.7
CALIFORNIA	0.0	0.1
GREAT PLAINS	1.1	0.7
NASHVILLE	1.0	0.5
NAVAJO	1.7	1.3
OKLAHOMA	1.0	0.6
PHOENIX	1.0	0.6
PORTLAND	0.2	0.1
TUCSON	NR	NR

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 12/05/2020, sites reporting to the IIAS have administered 194,009 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 12/05/20 (Week 49)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 12/05/20 (Week 49)

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	4,469	33.6	540	4.1	5,009
2 - 4 years	34,976	7,501	21.4	76	0.2	7,577
5 - 17 years	145,934	37,512	25.7	85	0.1	37,603
18 - 49 years	296,947	67,538	22.7	170	0.1	67,721
50 - 64 years	130,844	48,279	36.9	173	0.1	48,472
65 + years	90,762	27,455	30.2	151	0.2	27,627
Children (6 months-17 years)	194,216	49,482	25.5	701	0.4	50,189
Adults (18+ years)	518,553	143,272	27.6	494	0.1	143,820
All (6 months+)	712,769	192,754	27.0	1,195	0.2	194,009

* 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 12/05/20 (Week 49)

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	608	149	68	10,743	5,824	29	0	484	66	33	0	0	0	0	88	18,092
BEM	423	36	128	4,823	478	7	2	73	17	3	0	0	0	0	101	6,091
BIL	786	127	128	7,139	895	14	1	8	95	2	0	0	0	0	36	9,231
CAO	1,991	705	13	4,325	978	184	0	15	10	170	0	0	0	0	86	8,477
GPA	2,728	129	267	10,019	2,269	16	0	23	12	346	0	0	0	0	50	15,859
NSA	430	83	42	5,859	2,879	3	0	195	99	8	0	0	0	0	173	9,771
NAV	616	224	2	41,965	13,737	82	86	297	44	66	0	0	0	0	177	57,296
OKC	1,918	1,289	286	25,082	2,666	138	12	20	76	1	0	0	0	0	95	31,583
PHX	1,568	1,032	11	14,705	9,590	55	1	2	256	225	0	0	0	0	118	27,563
POR	309	239	169	6,443	1,037	1	2	197	143	125	0	0	0	0	36	8,701
TUC	14	14	0	2,467	9	0	0	0	3	0	0	0	0	0	13	2,520
	11,391	4,027	1,114	133,570	40,362	529	104	1,314	821	979	0	0	0	0	973	195,184

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),

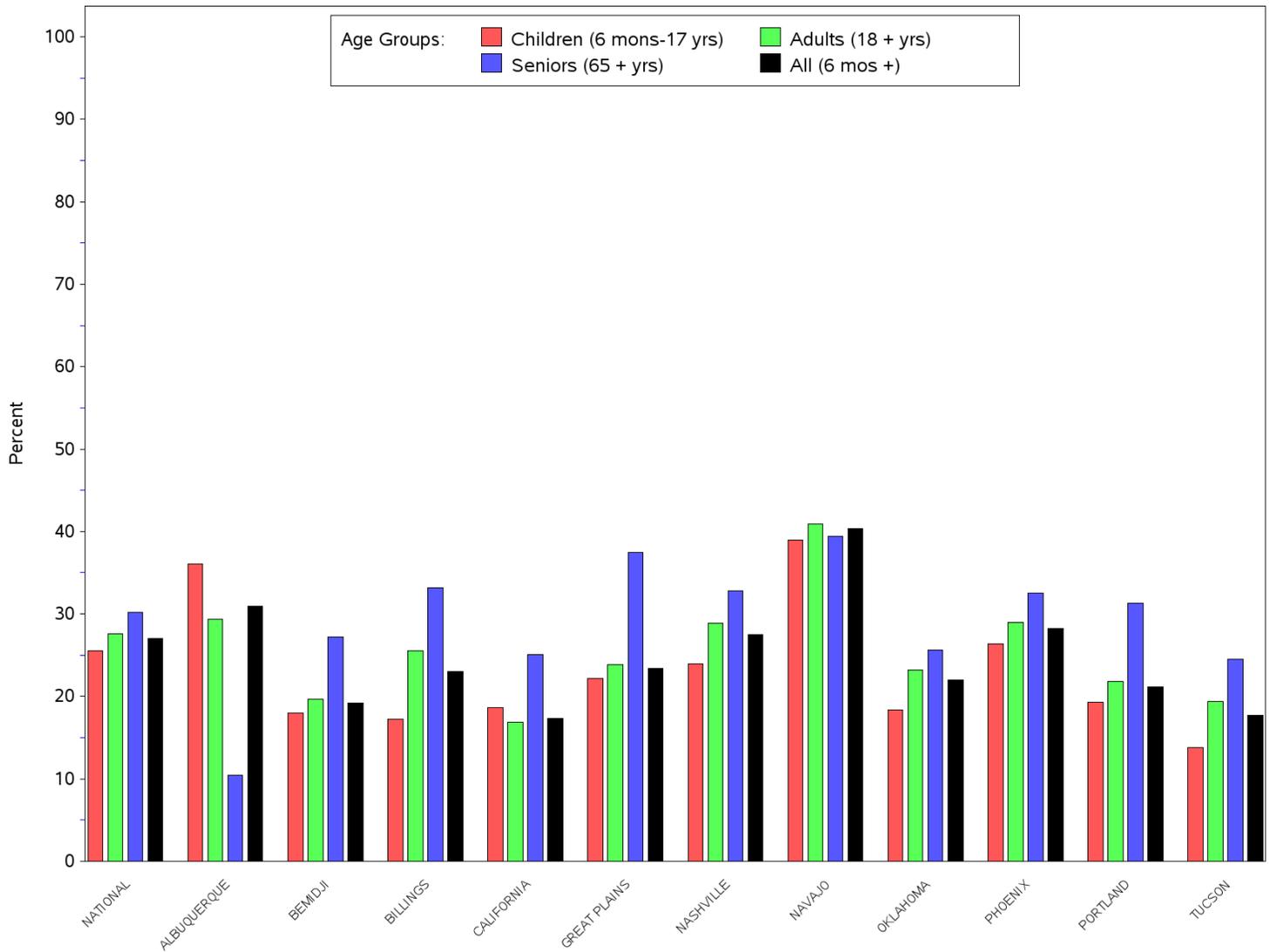
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 12/05/20 (Week 49)



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 12/05/20 (Week 49)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	25.5	27.6	30.2	27.0
ALBUQUERQUE	36.1	29.4	10.4	30.9
BEMIDJI	18.0	19.7	27.2	19.2
BILLINGS	17.2	25.5	33.2	23.0
CALIFORNIA	18.6	16.9	25.1	17.3
GREAT PLAINS	22.2	23.9	37.5	23.4
NASHVILLE	24.0	28.9	32.8	27.5
NAVAJO	39.0	40.9	39.4	40.4
OKLAHOMA	18.4	23.2	25.6	22.0
PHOENIX	26.4	29.0	32.5	28.2
PORTLAND	19.3	21.8	31.3	21.2
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 12/05/20 (Week 49)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	115	186
ALBUQUERQUE	12	18
BEMIDJI	3	6
BILLINGS	10	19
CALIFORNIA	13	22
GREAT PLAINS	10	16
NASHVILLE	21	26
NAVAJO	5	15
OKLAHOMA	17	26
PHOENIX	13	23
PORTLAND	11	15
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