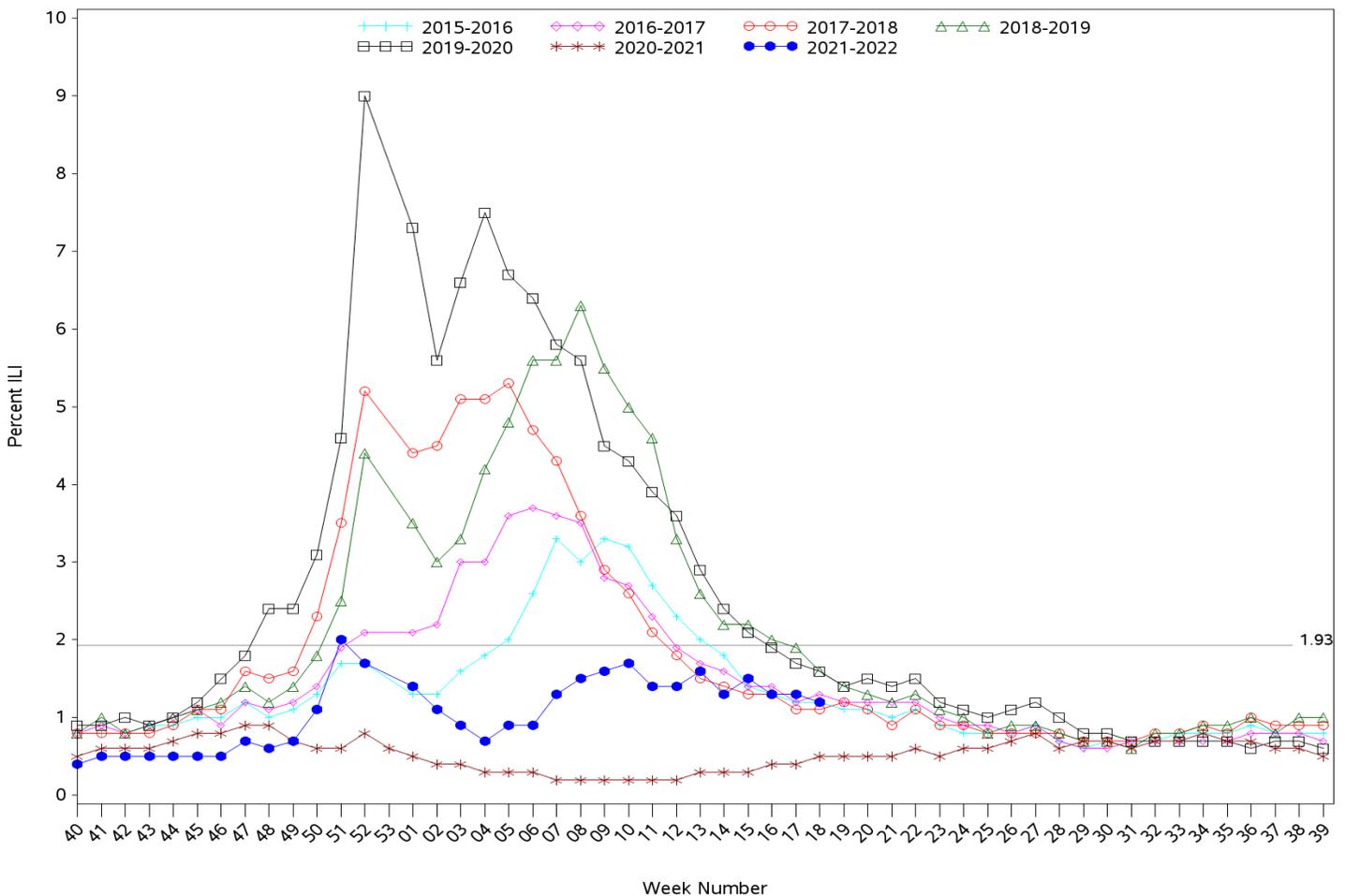




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 18: 05/01/2022 – 05/07/2022)

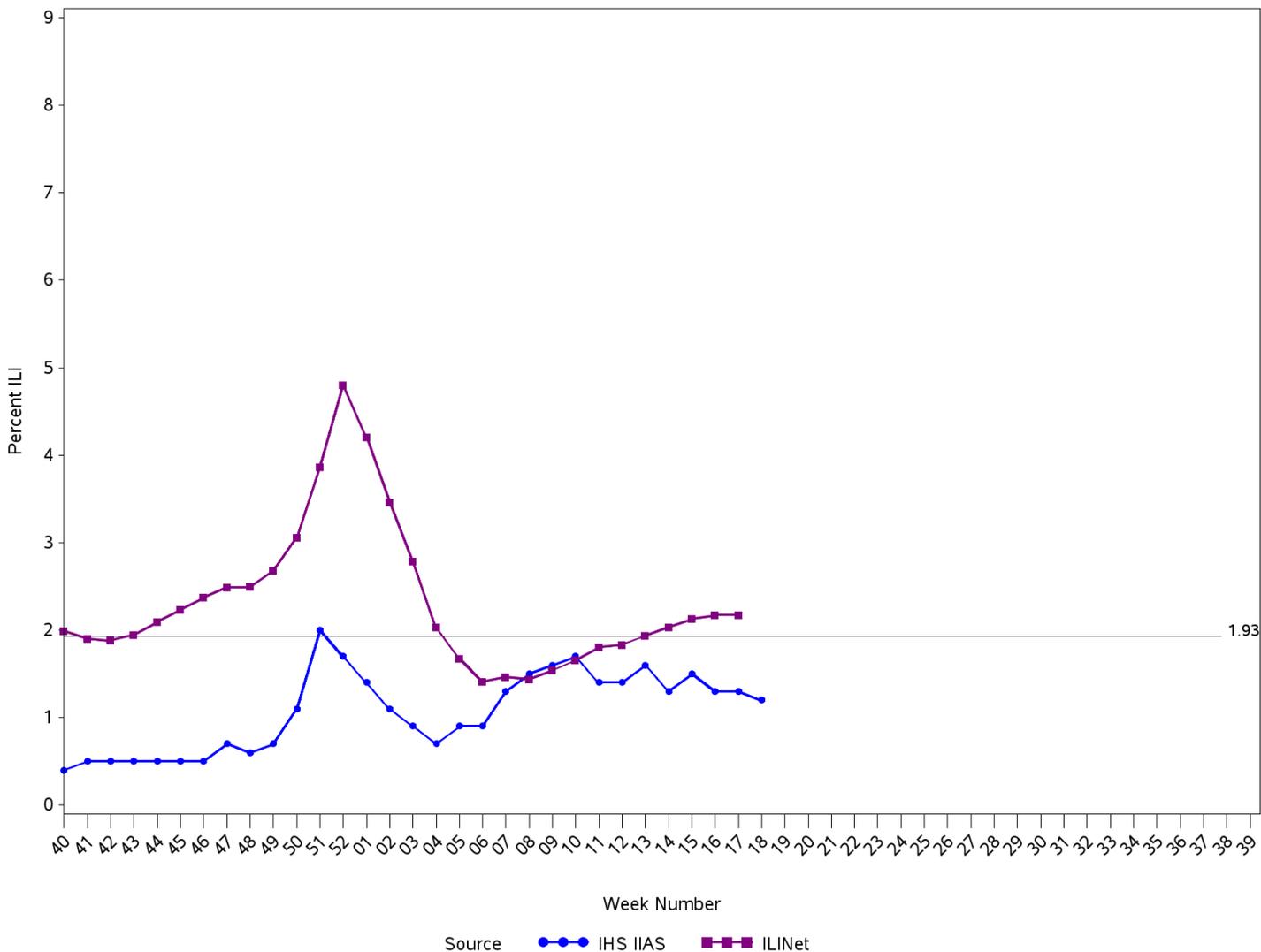
- IHS national Influenza-like illness (ILI) activity is low at 1.2%, below the IHS baseline of 1.93%
 - Six of the eleven IHS Areas reported an increase in ILI activity, while four Areas reported a decrease in ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 18 (2.30%) below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 306,609 doses of influenza vaccine.
- Overall, 34.9% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.

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 ILINet 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

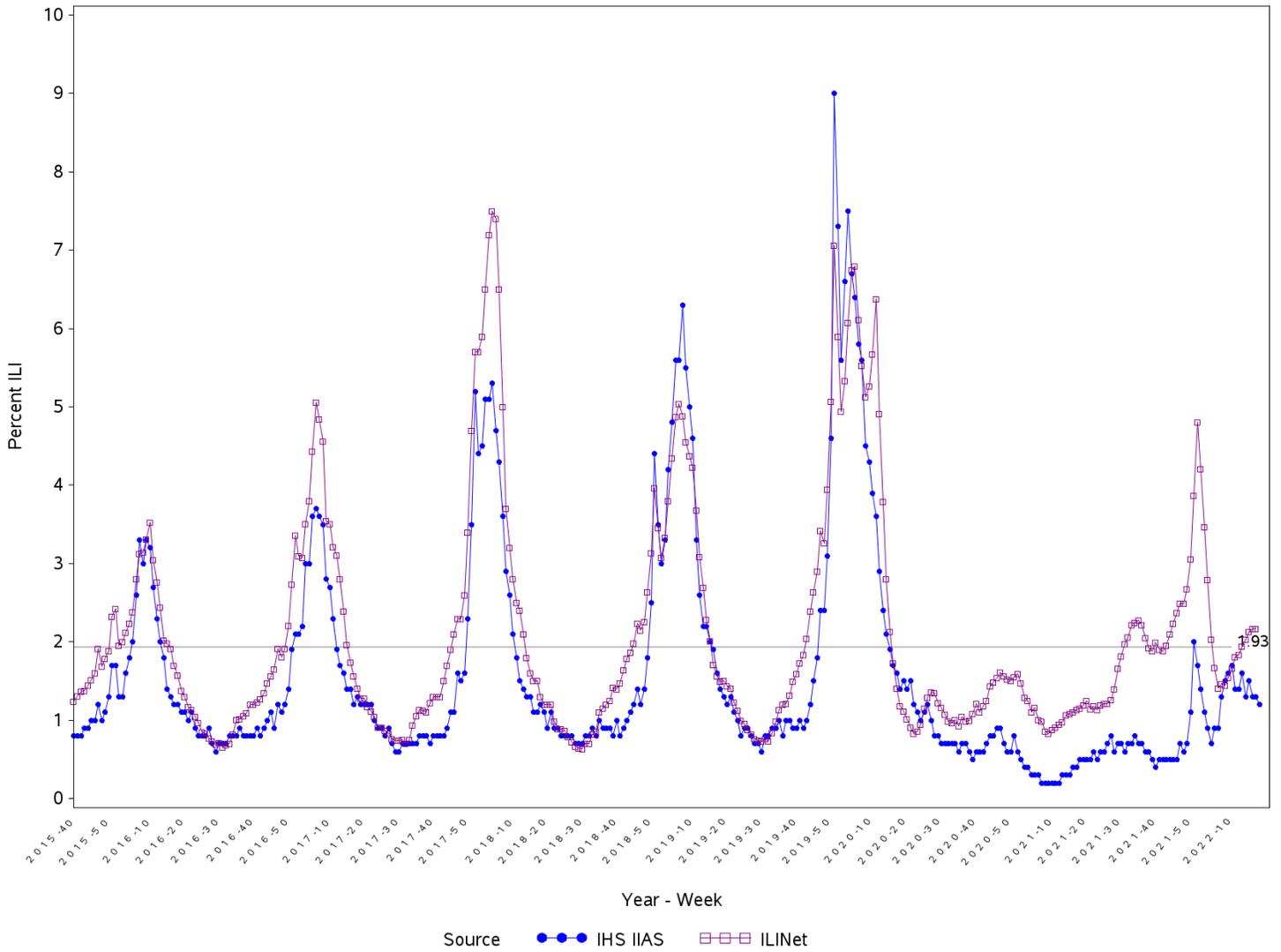
Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2021 - 2022
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/03/21 through 05/07/22 (Week 18)



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
10/03/21 through 05/07/22 (Week 18)



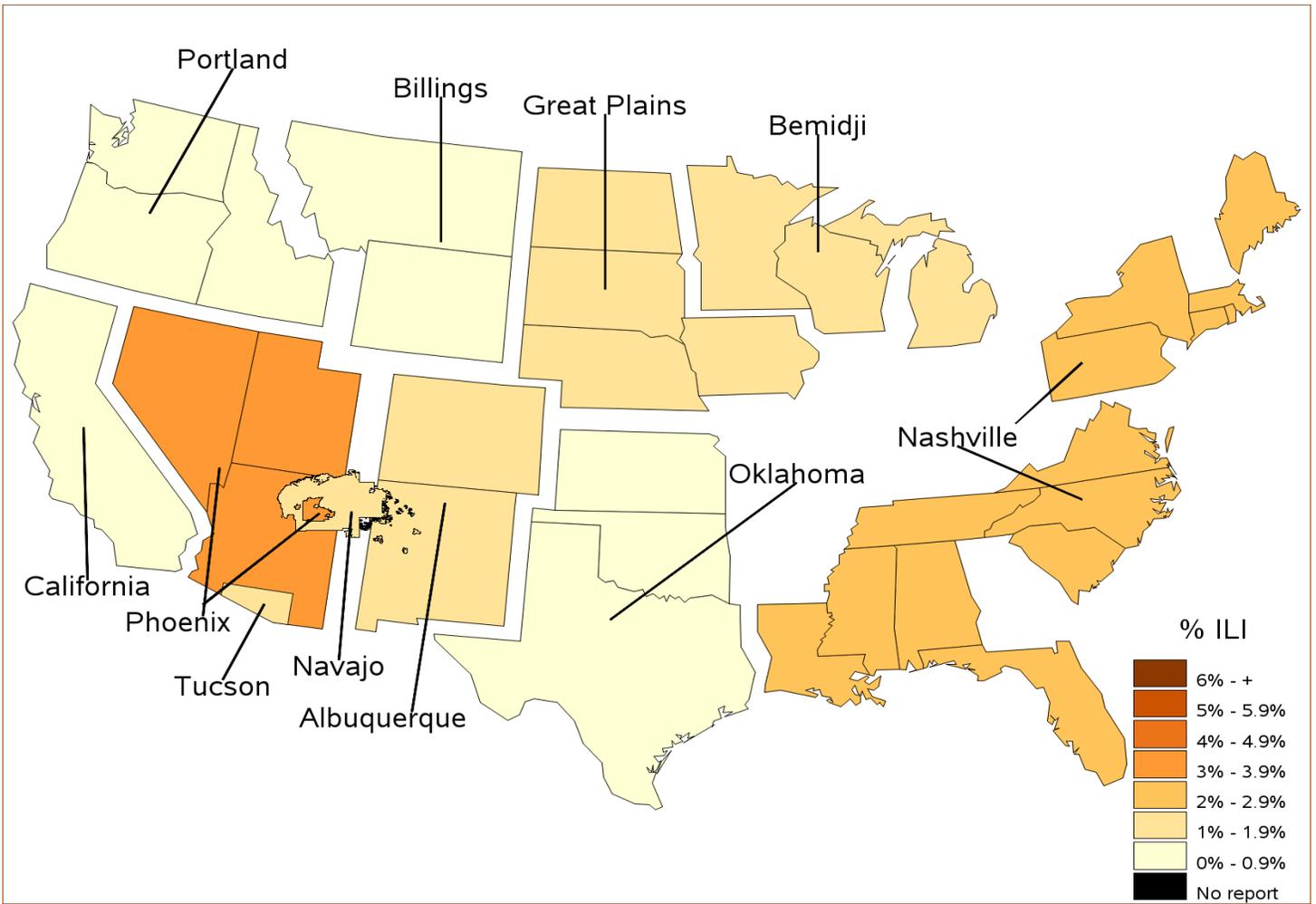
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 05/07/22 (Week 18)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 05/07/22 (Week 18)**

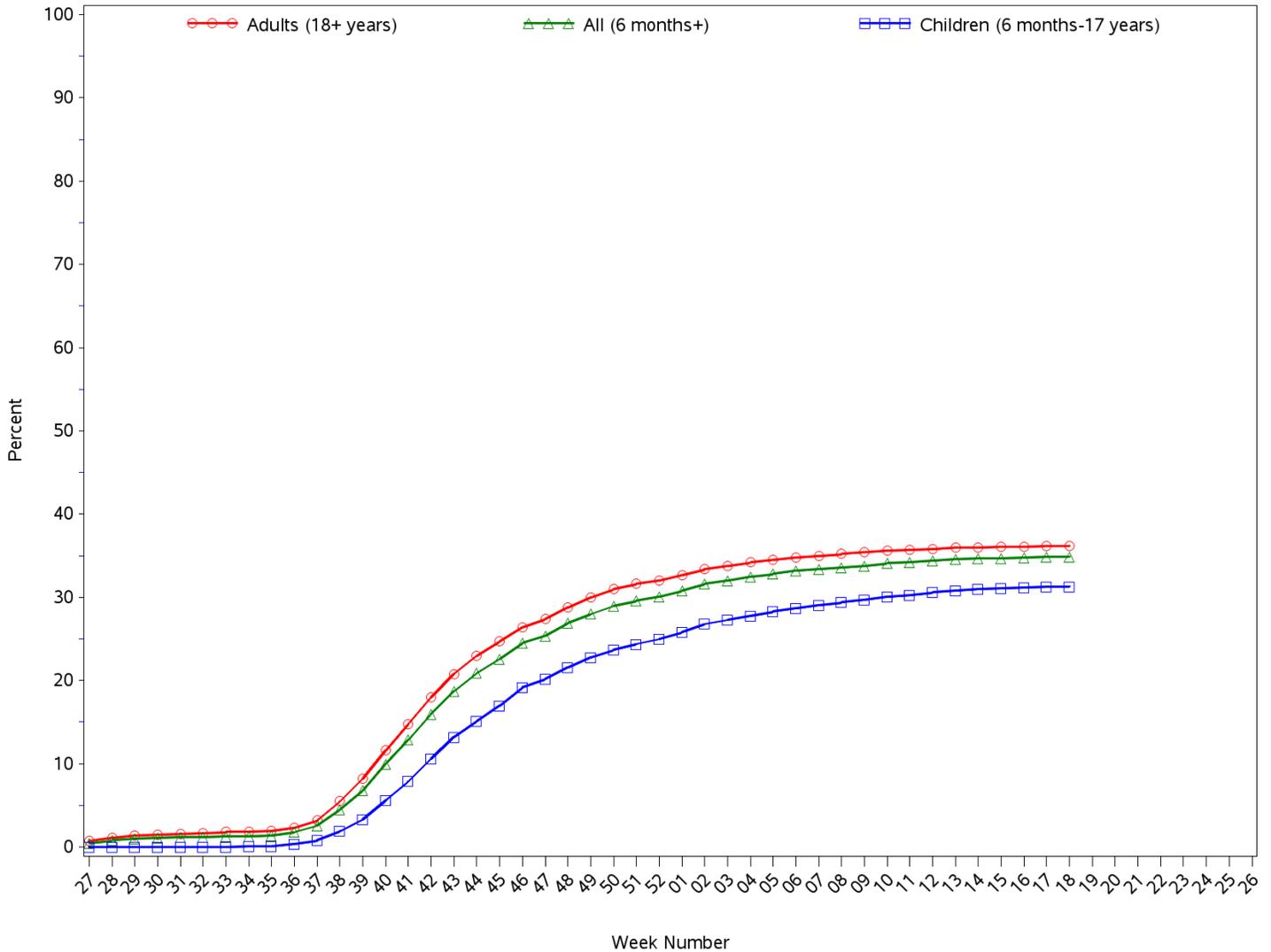
IHS Areas	Previous Week (17)	Current Week (18)
NATIONAL	1.3	1.2
ALBUQUERQUE	1.3	1.5
BEMIDJI	2.4	1.9
BILLINGS	0.8	0.9
CALIFORNIA	0.2	0.5
GREAT PLAINS	1.1	1.3
NASHVILLE	2.3	2.1
NAVAJO	1.7	1.3
OKLAHOMA	0.5	0.4
PHOENIX	2.3	3.0
PORTLAND	0.5	0.5
TUCSON	1.3	1.8

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

IHS Influenza Vaccination Surveillance

As of 05/07/2022, sites reporting to the IIAS have administered 306,609 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 05/07/22 (Week 18)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 05/07/22 (Week 18)**

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	2,486	91	3.7	200	8.0	291
6 - 23 months	12,394	5,977	48.2	2,028	16.4	8,023
2 - 4 years	33,096	7,882	23.8	188	0.6	8,098
5 - 17 years	134,936	42,650	31.6	326	0.2	43,114
18 - 49 years	274,534	76,553	27.9	35,267	12.8	112,080
50 - 64 years	122,062	53,587	43.9	19,735	16.2	73,553
65 + years	87,589	45,298	51.7	16,113	18.4	61,741
Children (6 months-17 years)	180,426	56,509	31.3	2,542	1.4	59,235
Adults (18+ years)	484,185	175,438	36.2	71,115	14.7	247,374
All (6 months+)	664,611	231,947	34.9	73,657	11.1	306,609

* 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 05/07/22 (Week 18)**

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 99.5 2 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ALB	168	455	56	11,500	6,834	327	12	26	11	27	51	3,740	0	0	80	23,287
BEM	31	109	32	5,198	134	2	1	16	12	2	19	564	0	0	36	6,156
BIL	165	143	119	8,783	2,046	42	0	14	44	11	13	1,225	0	0	64	12,669
CAO	854	185	5	2,532	426	45	3	276	195	214	67	180	0	0	39	5,021
GPA	737	173	10	7,582	1,501	855	0	17	2	3	54	145	0	0	18	11,097
NSA	406	308	31	6,092	3,551	30	1	69	51	3	70	1,105	0	0	96	11,813
NAV	150	499	3	56,176	7,385	957	1	2,140	28	406	80,190	3,260	0	0	264	151,459
OKC	1,356	2,264	312	33,183	5,351	420	32	142	99	28	331	7,752	0	0	111	51,381
PHX	259	506	1	18,067	8,608	158	2	26	6	7	19	2,425	0	0	73	30,157
POR	106	69	35	479	1,562	19	0	186	2	1	25	114	0	0	13	2,611
TUC	27	9	0	6,225	51	25	0	5	0	2	0	0	0	0	15	6,359
	4,259	4,720	604	155,817	37,449	2,880	52	2,917	450	704	80,839	20,510	0	0	809	312,010

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.

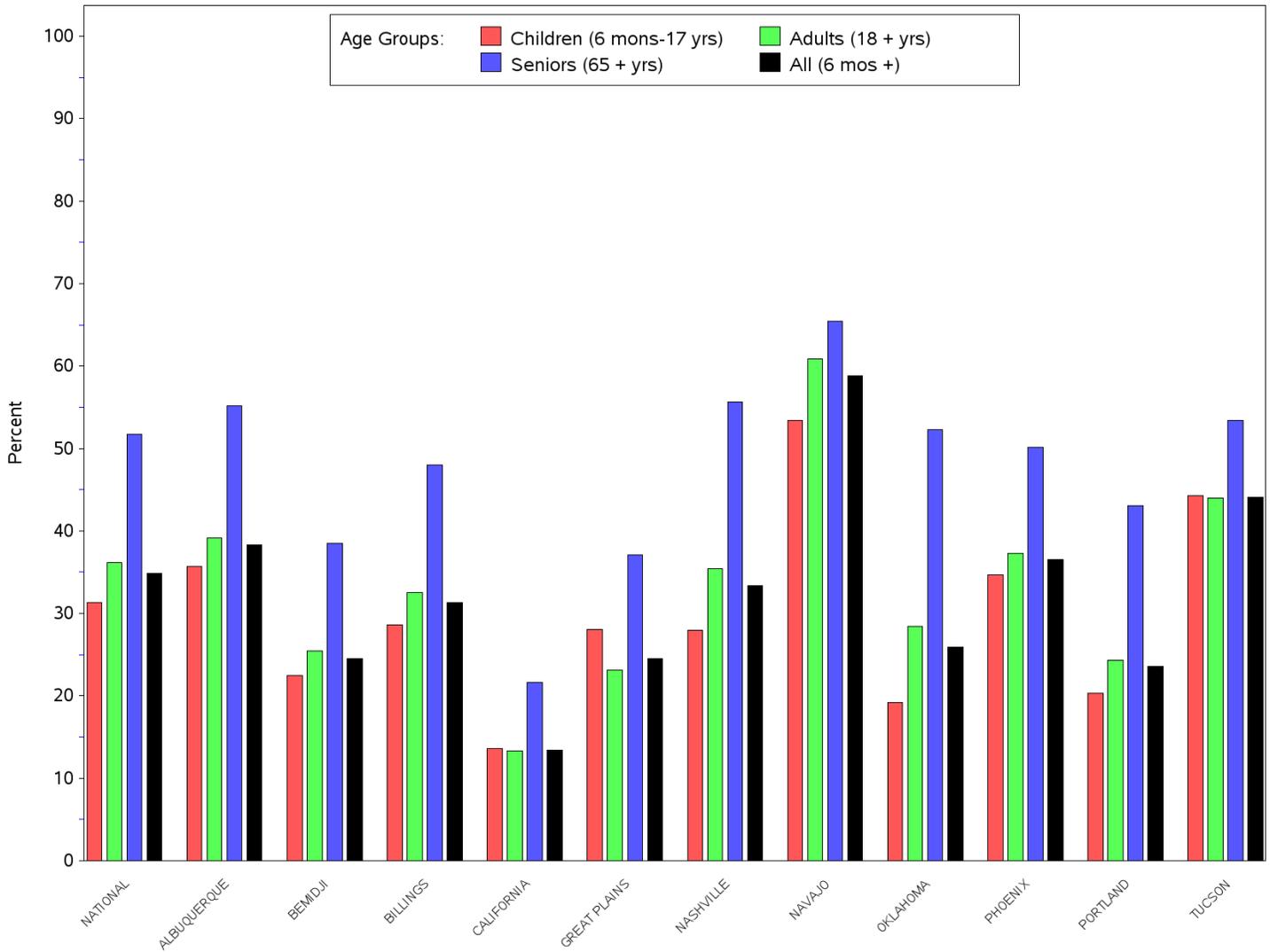
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ 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.

Starting in Week 11, 2022 CVX 197 FLU-HIGH and CVX 205 FLU-IIV4ad were updated in the flu vaccination logic.

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 05/07/22 (Week 18)



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 05/07/22 (Week 18)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	31.3	36.2	51.7	34.9
ALBUQUERQUE	35.7	39.1	55.2	38.3
BEMIDJI	22.5	25.4	38.5	24.5
BILLINGS	28.6	32.5	48.0	31.3
CALIFORNIA	13.6	13.3	21.6	13.4
GREAT PLAINS	28.1	23.1	37.1	24.5
NASHVILLE	28.0	35.4	55.6	33.4
NAVAJO	53.4	60.9	65.4	58.8
OKLAHOMA	19.2	28.4	52.3	25.9
PHOENIX	34.7	37.3	50.1	36.5
PORTLAND	20.3	24.3	43.1	23.6
TUCSON	44.3	44.0	53.4	44.1

Number of RPMS Databases Reporting for Week Ending 05/07/22 (Week 18)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	174
ALBUQUERQUE	14	20
BEMIDJI	3	7
BILLINGS	10	19
CALIFORNIA	11	17
GREAT PLAINS	7	8
NASHVILLE	20	25
NAVAJO	6	24
OKLAHOMA	18	34
PHOENIX	6	12
PORTLAND	4	5
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

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