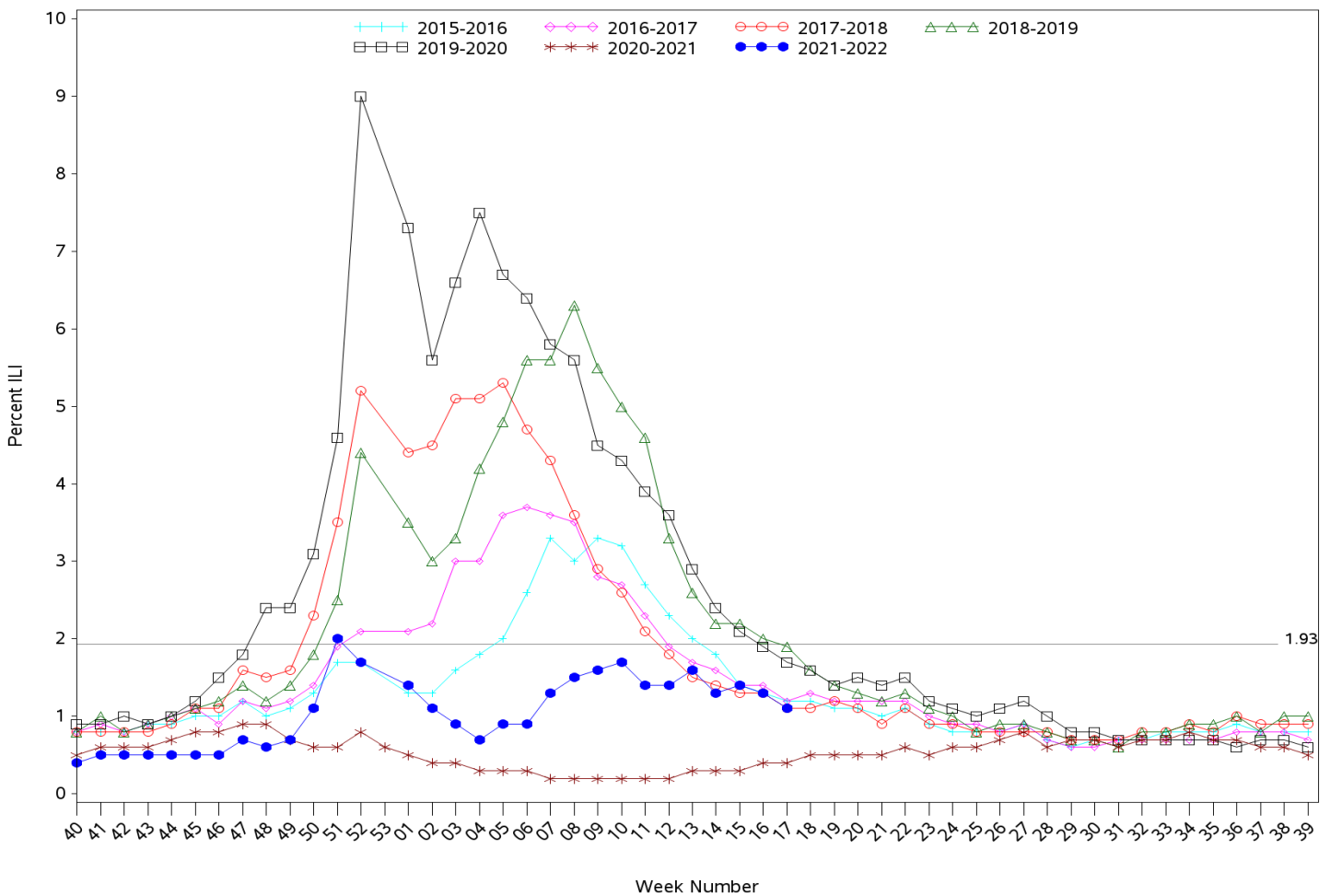




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 17: 04/24/2022 – 04/30/2022)

- IHS national Influenza-like illness (ILI) activity is low at 1.1%, below the IHS baseline of 1.93%
 - Eight of the eleven IHS Areas reported a decrease in ILI activity, while three Areas reported no change in ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 17 (2.17%) below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 306,258 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.

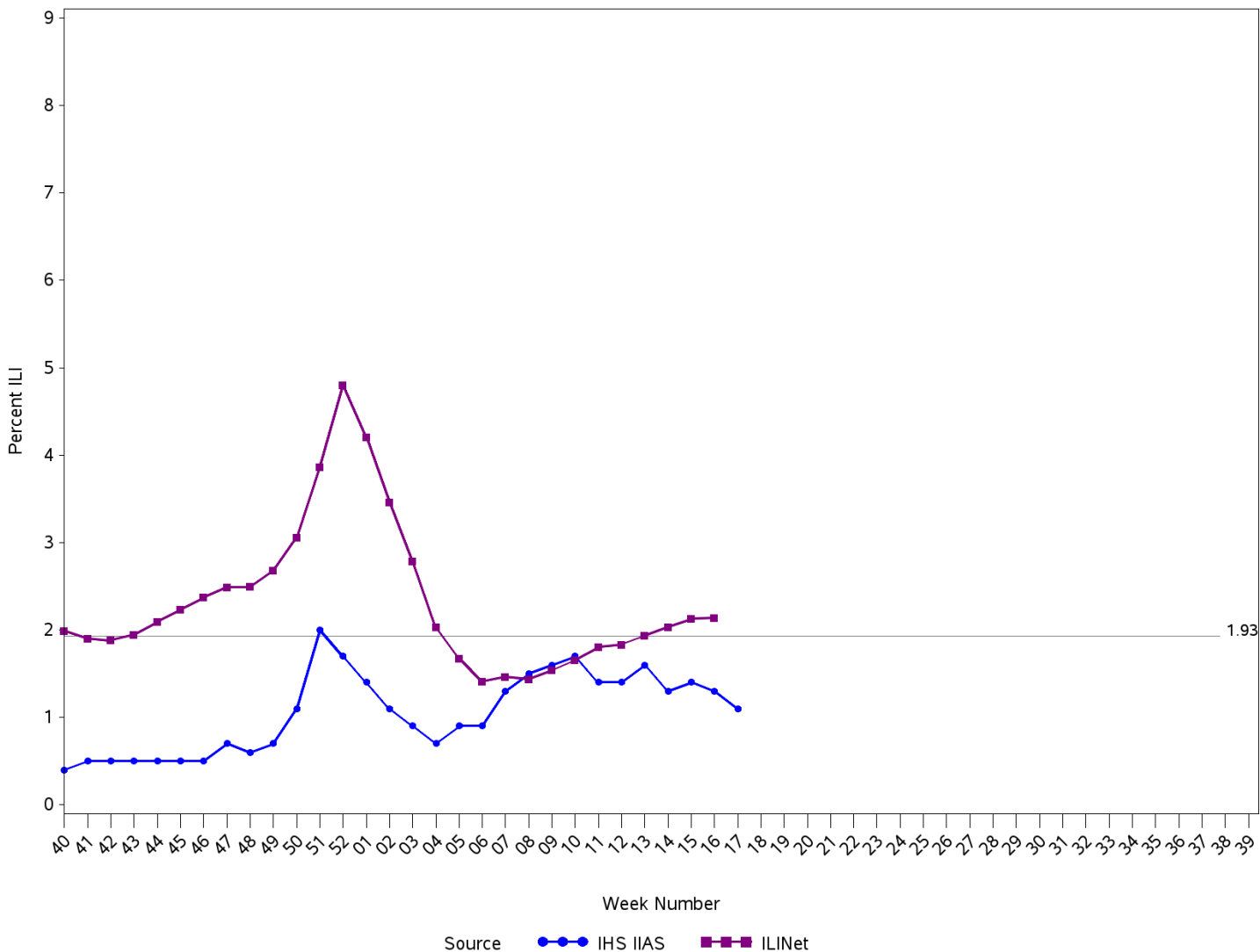
The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2021-2022 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

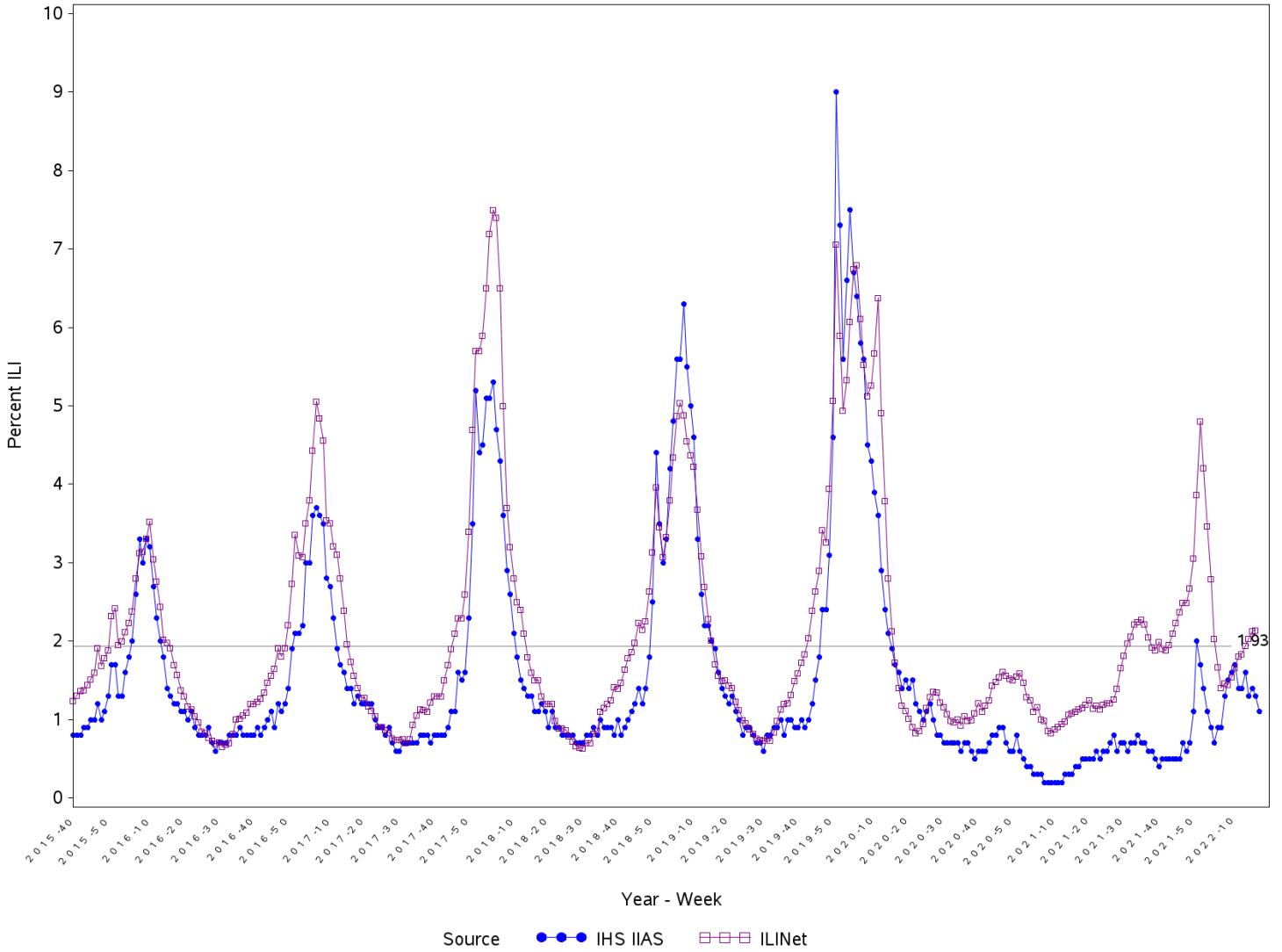
Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2021 - 2022
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/03/21 through 04/30/22 (Week 17)



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 04/30/22 (Week 17)**



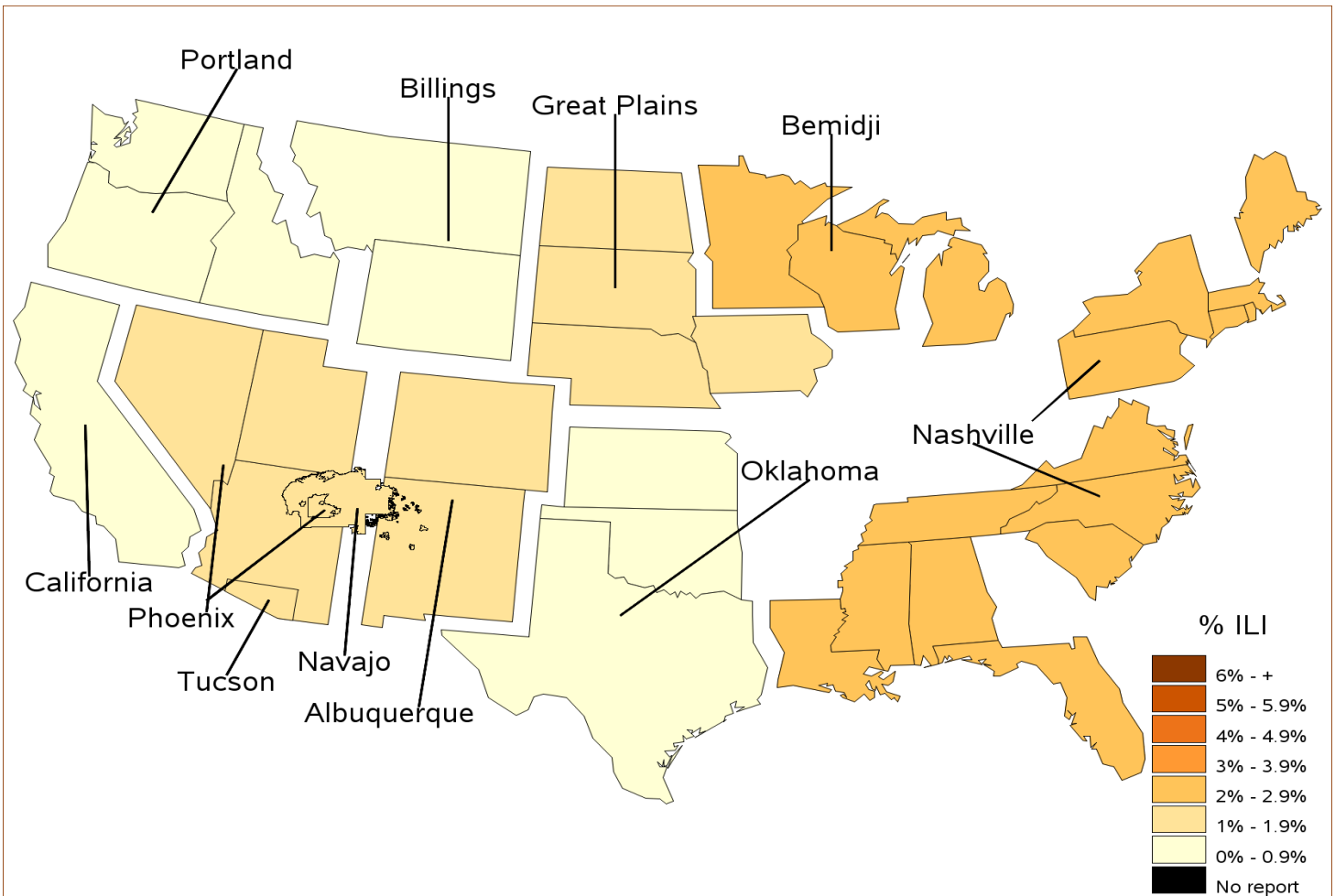
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 04/30/22 (Week 17)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 04/30/22 (Week 17)**

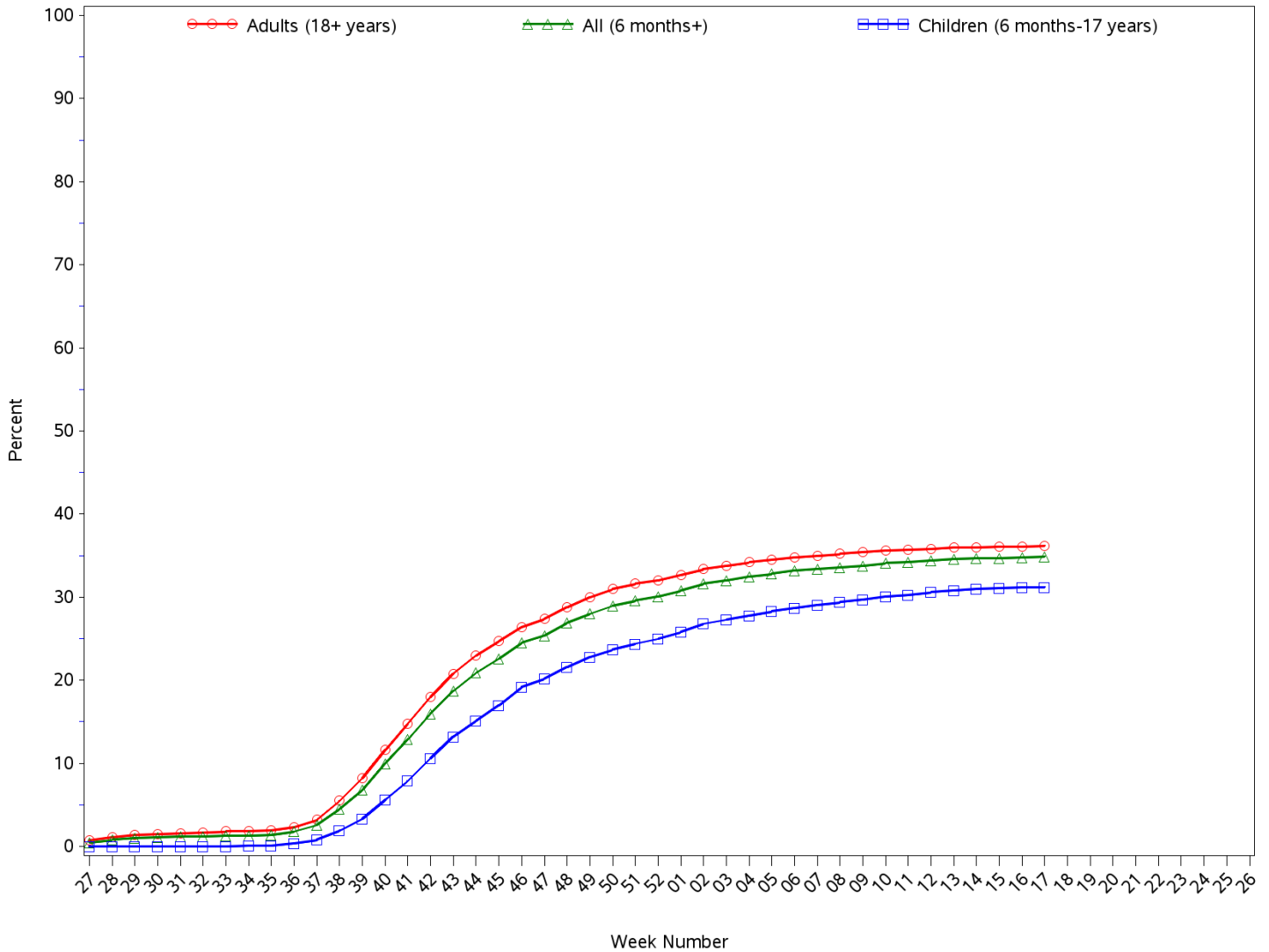
IHS Areas	Previous Week (16)	Current Week (17)
NATIONAL	1.3	1.1
ALBUQUERQUE	1.6	1.2
BEMIDJI	2.3	2.2
BILLINGS	0.9	0.6
CALIFORNIA	0.3	0.2
GREAT PLAINS	1.2	1.0
NASHVILLE	2.3	2.2
NAVAJO	1.6	1.4
OKLAHOMA	0.7	0.4
PHOENIX	1.7	1.7
PORTLAND	1.0	0.5
TUCSON	1.1	1.1

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

IHS Influenza Vaccination Surveillance

As of 04/30/2022, sites reporting to the IIAS have administered 306,258 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 04/30/22 (Week 17)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 04/30/22 (Week 17)**

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	89	3.6	200	8.0	289
6 - 23 months	12,394	5,948	48.0	2,011	16.2	7,977
2 - 4 years	33,096	7,842	23.7	183	0.6	8,053
5 - 17 years	134,936	42,586	31.6	324	0.2	43,046
18 - 49 years	274,534	76,432	27.8	35,267	12.8	111,959
50 - 64 years	122,062	53,541	43.9	19,734	16.2	73,506
65 + years	87,589	45,276	51.7	16,111	18.4	61,717
Children (6 months-17 years)	180,426	56,376	31.2	2,518	1.4	59,076
Adults (18+ years)	484,185	175,249	36.2	71,112	14.7	247,182
All (6 months+)	664,611	231,625	34.9	73,630	11.1	306,258

* 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 04/30/22 (Week 17)**

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	167	455	56	11,466	6,831	325	12	24	11	27	51	3,738	0	0	80	23,243
BEM	31	108	32	5,191	134	2	1	16	12	2	19	564	0	0	36	6,148
BIL	165	143	119	8,739	2,032	42	0	14	44	11	13	1,222	0	0	64	12,608
CAO	852	185	5	2,522	426	45	3	276	195	212	67	180	0	0	39	5,007
GPA	737	168	10	7,569	1,499	855	0	17	2	3	54	145	0	0	18	11,077
NSA	406	308	31	6,071	3,545	30	1	69	51	3	70	1,104	0	0	96	11,785
NAV	150	499	3	56,151	7,375	945	1	2,140	28	405	80,190	3,260	0	0	264	151,411
OKC	1,356	2,264	312	33,162	5,345	420	32	142	99	28	331	7,748	0	0	111	51,350
PHX	259	506	1	18,059	8,573	149	2	26	6	7	19	2,422	0	0	73	30,102
POR	106	69	35	478	1,560	19	0	186	2	1	25	114	0	0	13	2,608
TUC	27	9	0	6,180	51	25	0	5	0	2	0	0	0	0	15	6,314
	4,256	4,714	604	155,588	37,371	2,857	52	2,915	450	701	80,839	20,497	0	0	809	311,653

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.

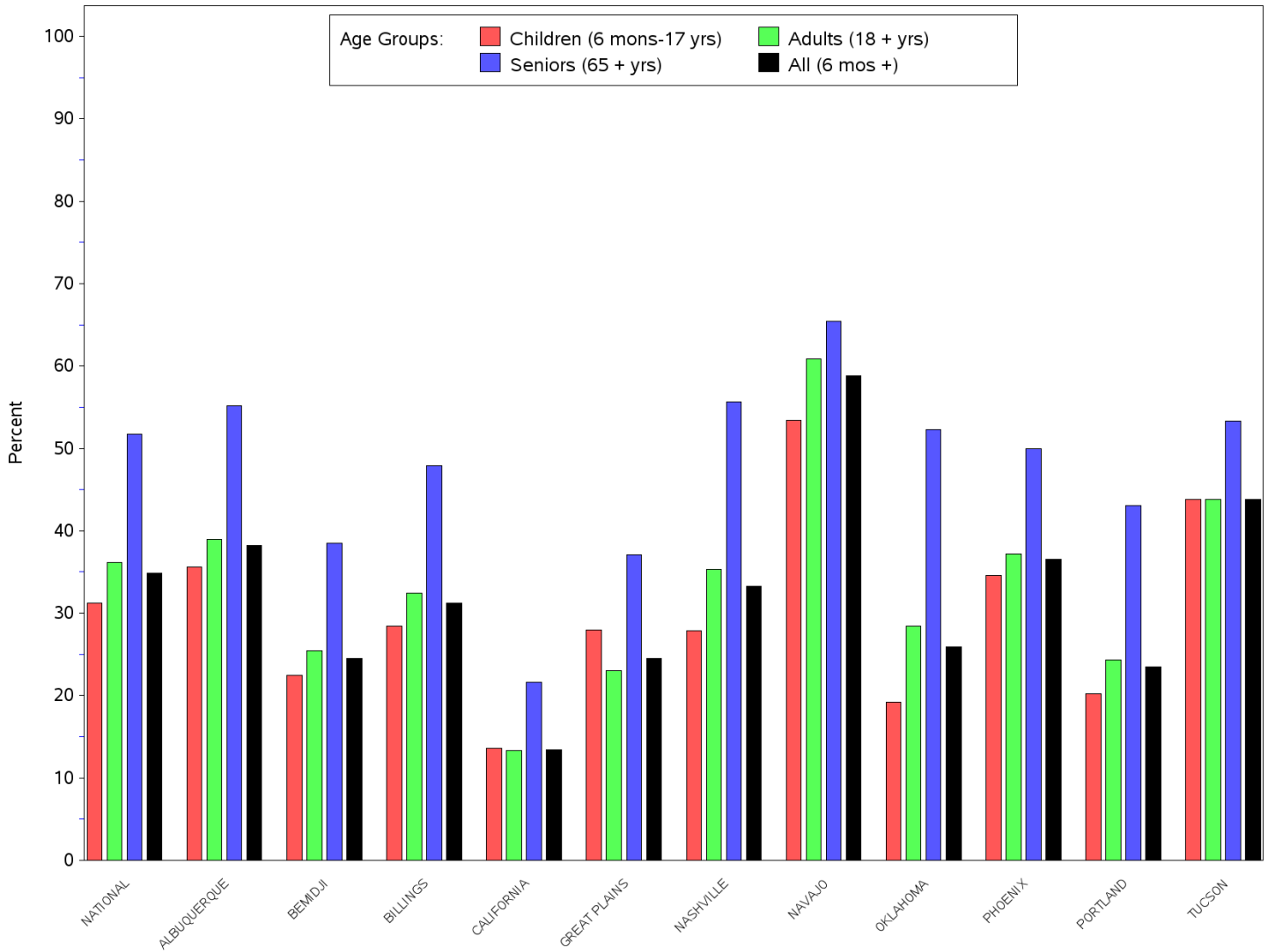
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ 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 04/30/22 (Week 17)



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 04/30/22 (Week 17)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	31.2	36.2	51.7	34.9
ALBUQUERQUE	35.6	39.0	55.2	38.2
BEMIDJI	22.5	25.4	38.5	24.5
BILLINGS	28.4	32.4	47.9	31.2
CALIFORNIA	13.6	13.3	21.6	13.4
GREAT PLAINS	28.0	23.0	37.1	24.5
NASHVILLE	27.9	35.3	55.6	33.3
NAVAJO	53.4	60.9	65.4	58.8
OKLAHOMA	19.2	28.4	52.3	25.9
PHOENIX	34.6	37.2	50.0	36.5
PORTLAND	20.2	24.3	43.1	23.5
TUCSON	43.8	43.8	53.3	43.8

Number of RPMS Databases Reporting for Week Ending 04/30/22 (Week 17)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	179
ALBUQUERQUE	14	20
BEMIDJI	3	7
BILLINGS	10	22
CALIFORNIA	11	16
GREAT PLAINS	7	10
NASHVILLE	20	25
NAVAJO	6	22
OKLAHOMA	18	36
PHOENIX	6	12
PORTLAND	4	6
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

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