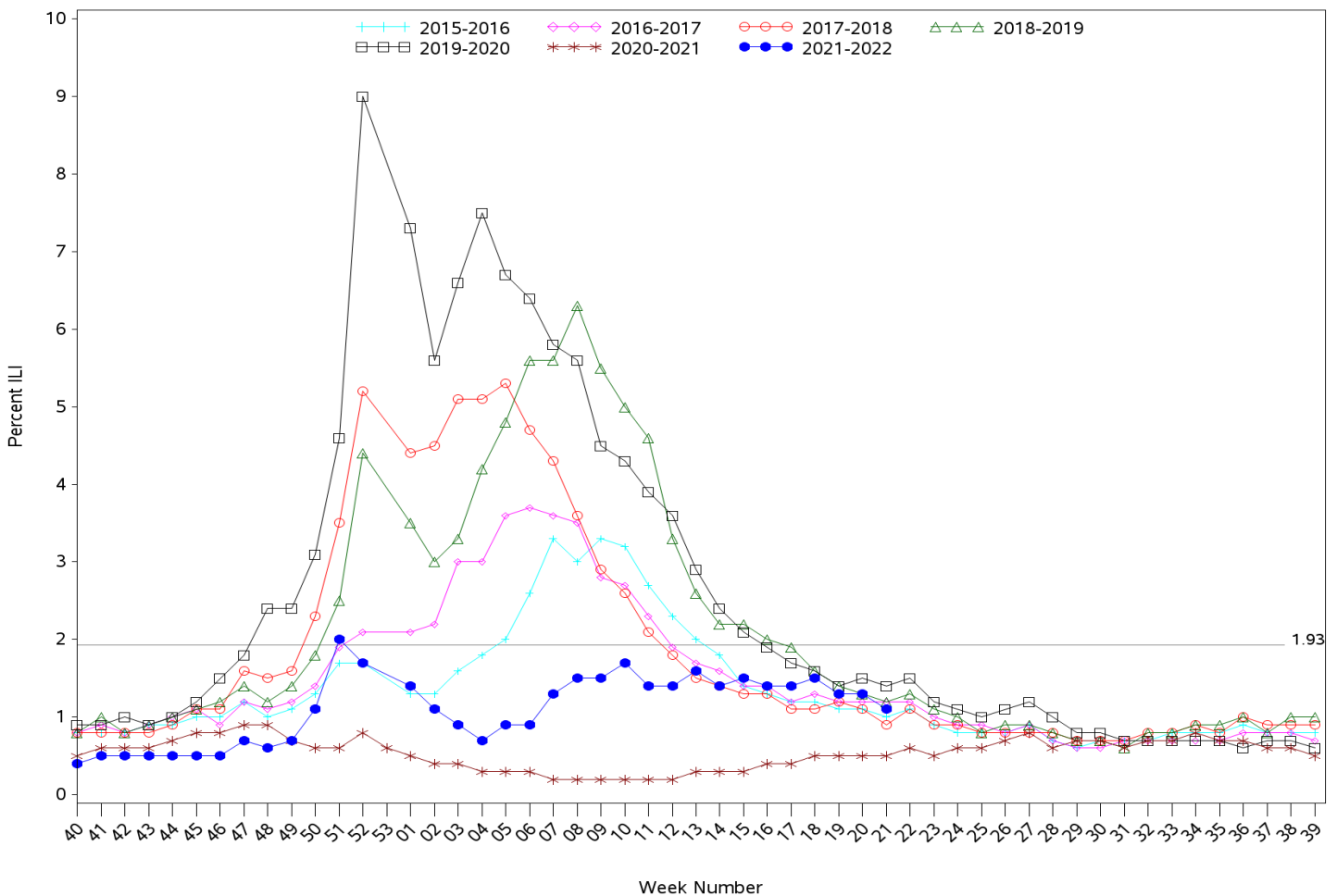




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 21: 05/22/2022 – 05/28/2022)

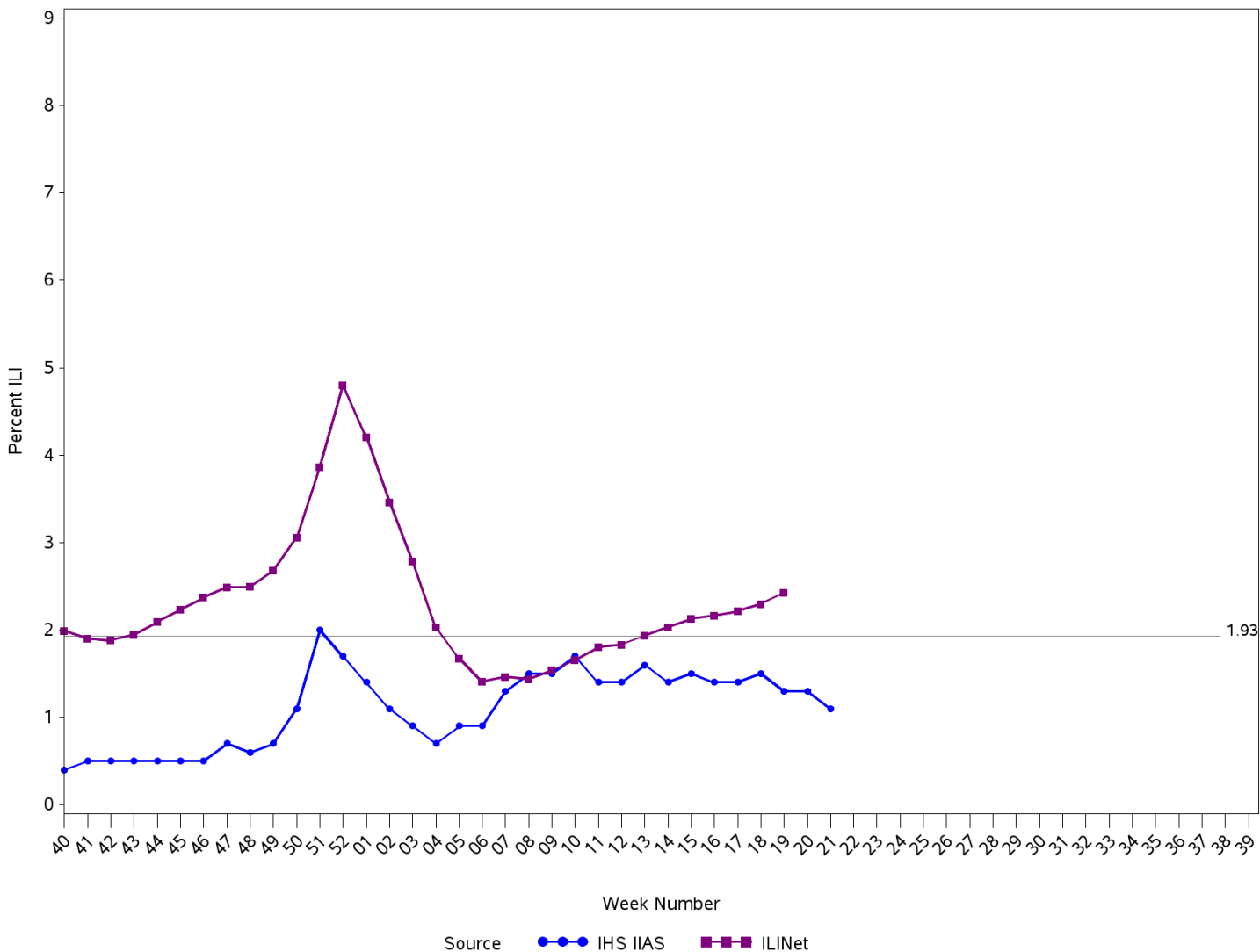
- IHS national Influenza-like illness (ILI) activity is low at 1.1%, below the IHS baseline of 1.93%
 - Seven of the eleven IHS Areas reported a decrease in ILI activity, while the remaining four Areas reported a slight increase or no change in ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 21 (2.34%) below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 307,734 doses of influenza vaccine.
- Overall, 35.0% 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

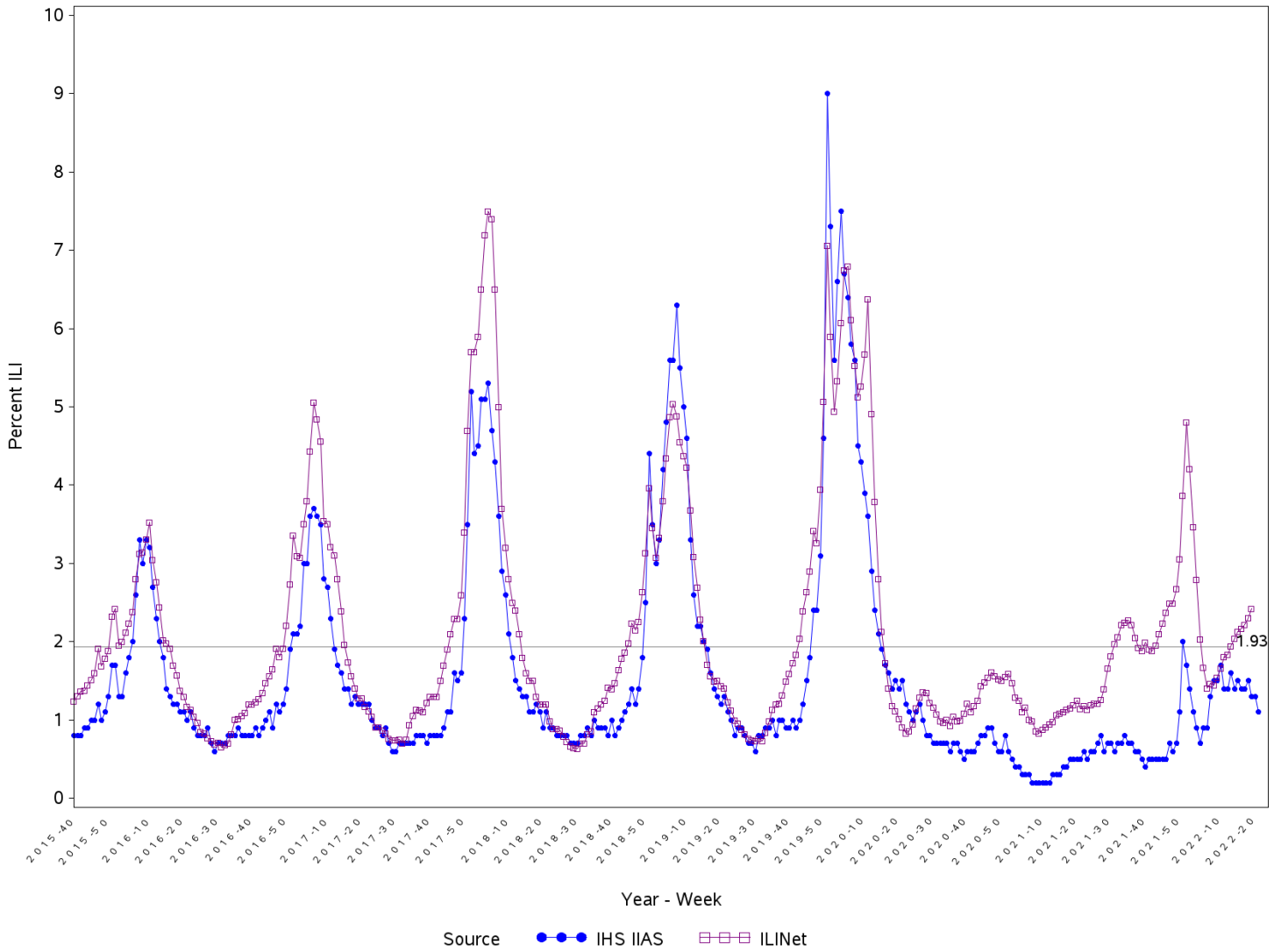
Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2021 - 2022
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
10/03/21 through 05/28/22 (Week 21)



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

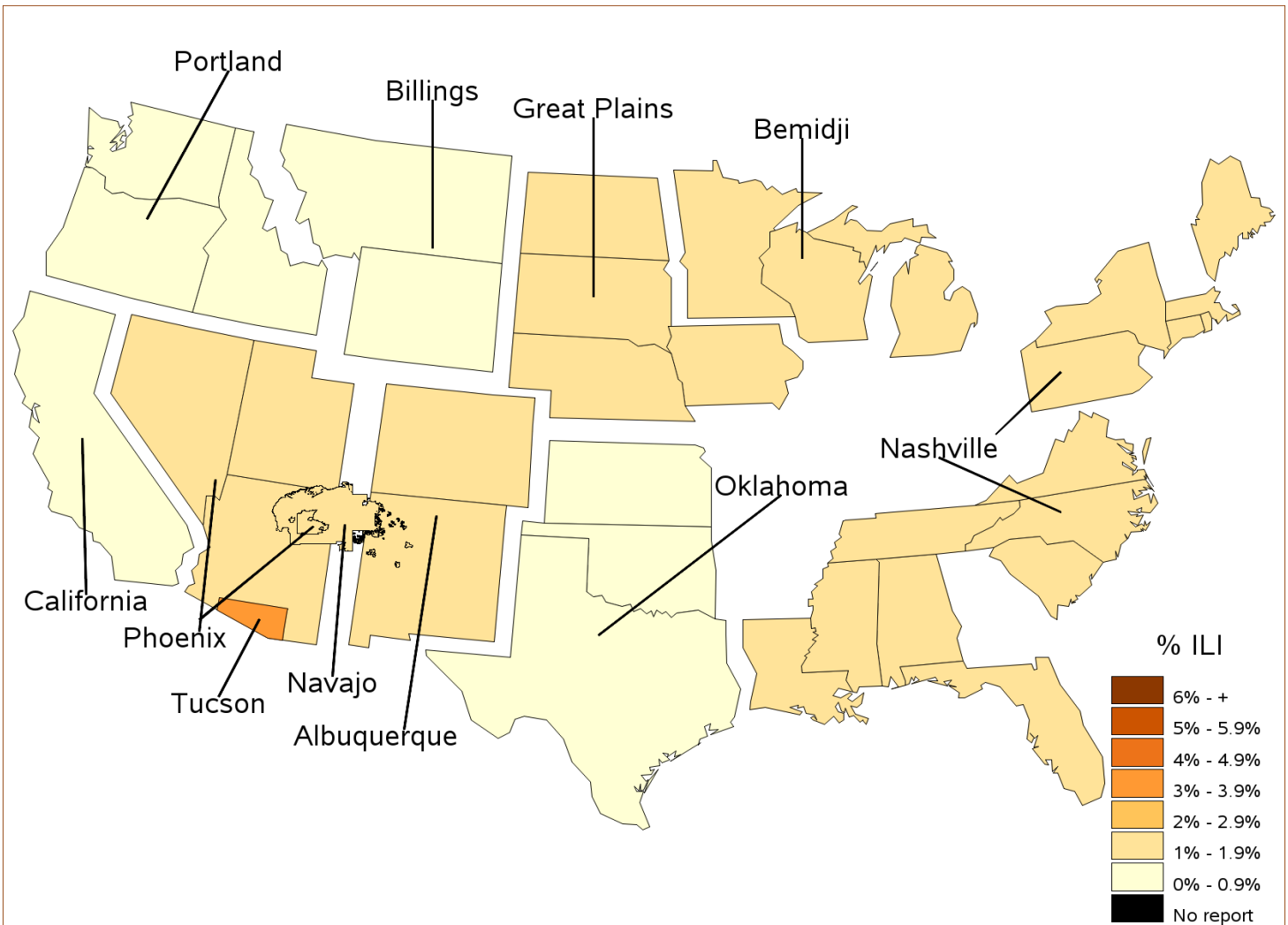
**IHS Influenza-like Illness Awareness System vs. CDC ILINet
Influenza-Like Illness (ILI) for six year window from latest full week
Percentage of Visits for ILI per week
10/03/21 through 05/28/22 (Week 21)**



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 IIAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 05/28/22 (Week 21)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 05/28/22 (Week 21)**

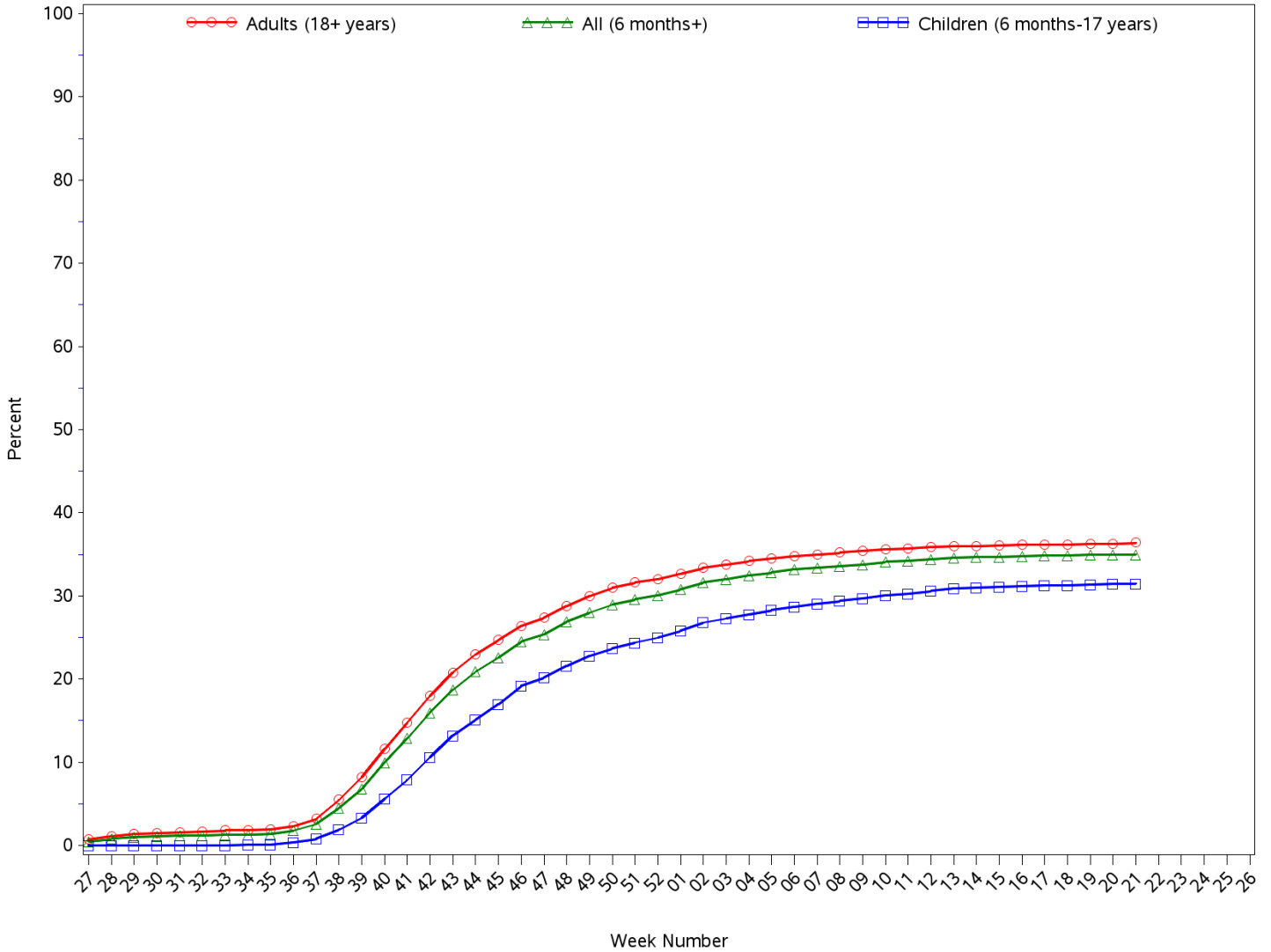
IHS Areas	Previous Week (20)	Current Week (21)
NATIONAL	1.3	1.1
ALBUQUERQUE	2.1	1.3
BEMIDJI	1.0	1.2
BILLINGS	0.9	0.9
CALIFORNIA	1.1	0.7
GREAT PLAINS	1.3	1.0
NASHVILLE	1.9	1.6
NAVAJO	1.6	1.6
OKLAHOMA	0.4	0.3
PHOENIX	2.2	1.6
PORTLAND	0.8	0.7
TUCSON	2.6	3.4

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

IHS Influenza Vaccination Surveillance

As of 05/28/2022, sites reporting to the IIAS have administered 307,734 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 05/28/22 (Week 21)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
07/04/21 through 05/28/22 (Week 21)**

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	93	3.7	200	8.0	293
6 - 23 months	12,394	6,051	48.8	2,123	17.1	8,196
2 - 4 years	33,096	7,969	24.1	196	0.6	8,193
5 - 17 years	134,936	42,895	31.8	331	0.2	43,367
18 - 49 years	274,534	76,904	28.0	35,274	12.8	112,441
50 - 64 years	122,062	53,741	44.0	19,744	16.2	73,717
65 + years	87,589	45,368	51.8	16,121	18.4	61,820
Children (6 months-17 years)	180,426	56,915	31.5	2,650	1.5	59,756
Adults (18+ years)	484,185	176,013	36.4	71,139	14.7	247,978
All (6 months+)	664,611	232,928	35.0	73,789	11.1	307,734

* 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 05/28/22 (Week 21)**

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	11,580	6,855	336	12	38	11	27	51	3,746	0	0	84	23,419
BEM	31	111	32	5,218	159	2	1	17	15	2	19	566	0	0	38	6,211
BIL	165	143	119	8,970	2,058	42	0	16	44	11	13	1,228	0	0	64	12,873
CAO	854	185	5	2,557	426	47	3	276	195	215	67	181	0	0	39	5,050
GPA	737	181	10	7,601	1,508	855	0	17	2	3	54	145	0	0	19	11,132
NSA	406	310	31	6,143	3,553	30	1	69	51	3	70	1,108	0	0	97	11,872
NAV	150	500	3	56,250	7,392	986	1	2,144	28	419	80,190	3,260	0	0	265	151,588
OKC	1,356	2,271	312	33,272	5,367	424	32	142	99	28	331	7,759	0	0	115	51,508
PHX	259	507	1	18,085	8,732	166	2	27	6	7	19	2,437	0	0	73	30,321
POR	106	69	35	481	1,563	19	0	186	3	1	25	114	0	0	13	2,615
TUC	28	9	0	6,421	51	25	0	6	0	2	0	0	0	0	17	6,559
	4,260	4,741	604	156,578	37,664	2,932	52	2,938	454	718	80,839	20,544	0	0	824	313,148

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.

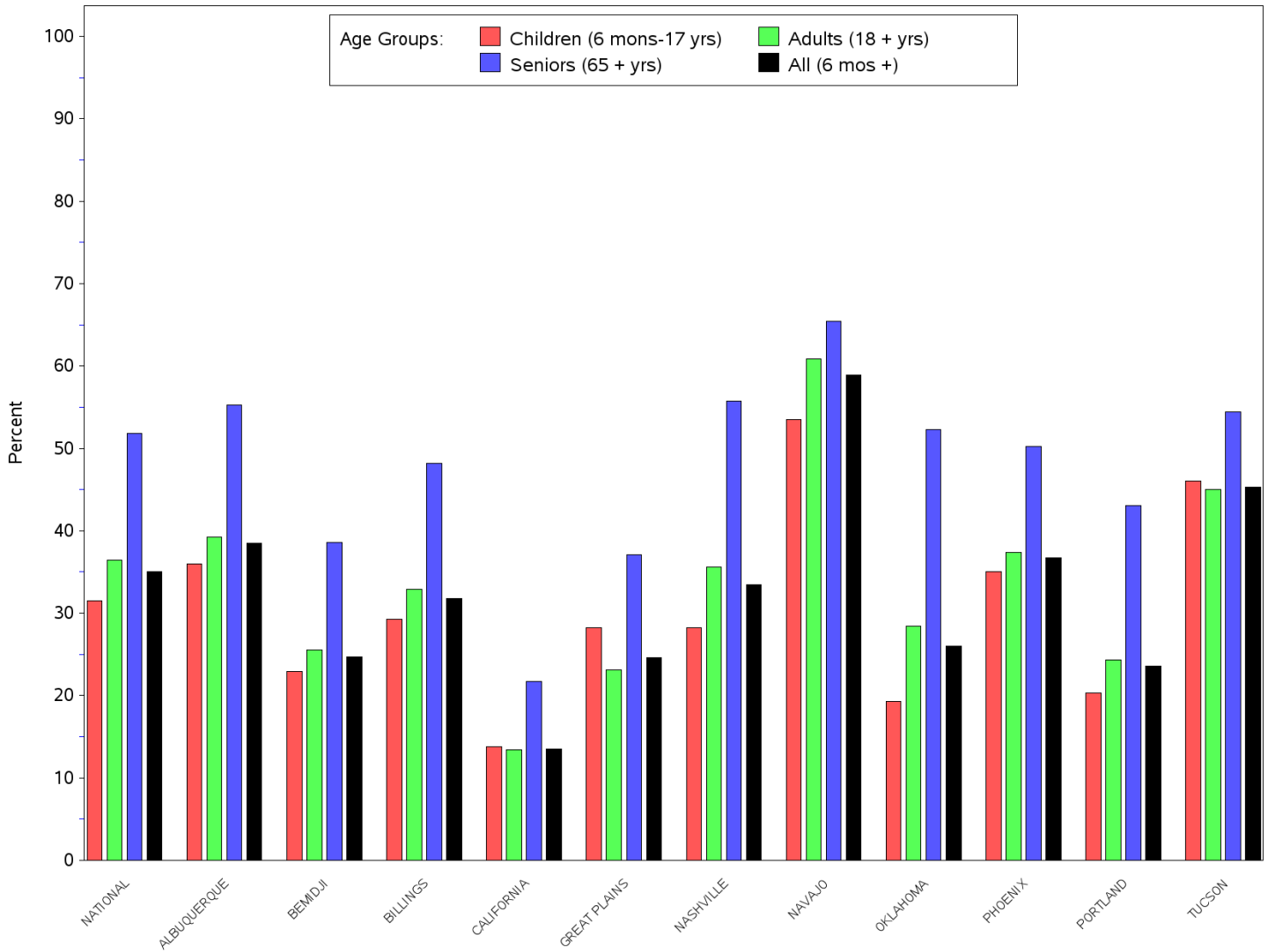
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ 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 05/28/22 (Week 21)



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 05/28/22 (Week 21)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	31.5	36.4	51.8	35.0
ALBUQUERQUE	36.0	39.2	55.3	38.5
BEMIDJI	22.9	25.5	38.6	24.7
BILLINGS	29.3	32.9	48.2	31.8
CALIFORNIA	13.8	13.4	21.7	13.5
GREAT PLAINS	28.2	23.1	37.1	24.6
NASHVILLE	28.2	35.6	55.7	33.5
NAVAJO	53.5	60.9	65.4	58.9
OKLAHOMA	19.3	28.4	52.3	26.0
PHOENIX	35.0	37.4	50.2	36.7
PORTLAND	20.3	24.3	43.1	23.6
TUCSON	46.0	45.0	54.4	45.3

Number of RPMS Databases Reporting for Week Ending 05/28/22 (Week 21)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	100	174
ALBUQUERQUE	14	20
BEMIDJI	3	7
BILLINGS	10	20
CALIFORNIA	10	16
GREAT PLAINS	7	10
NASHVILLE	21	25
NAVAJO	6	20
OKLAHOMA	18	36
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