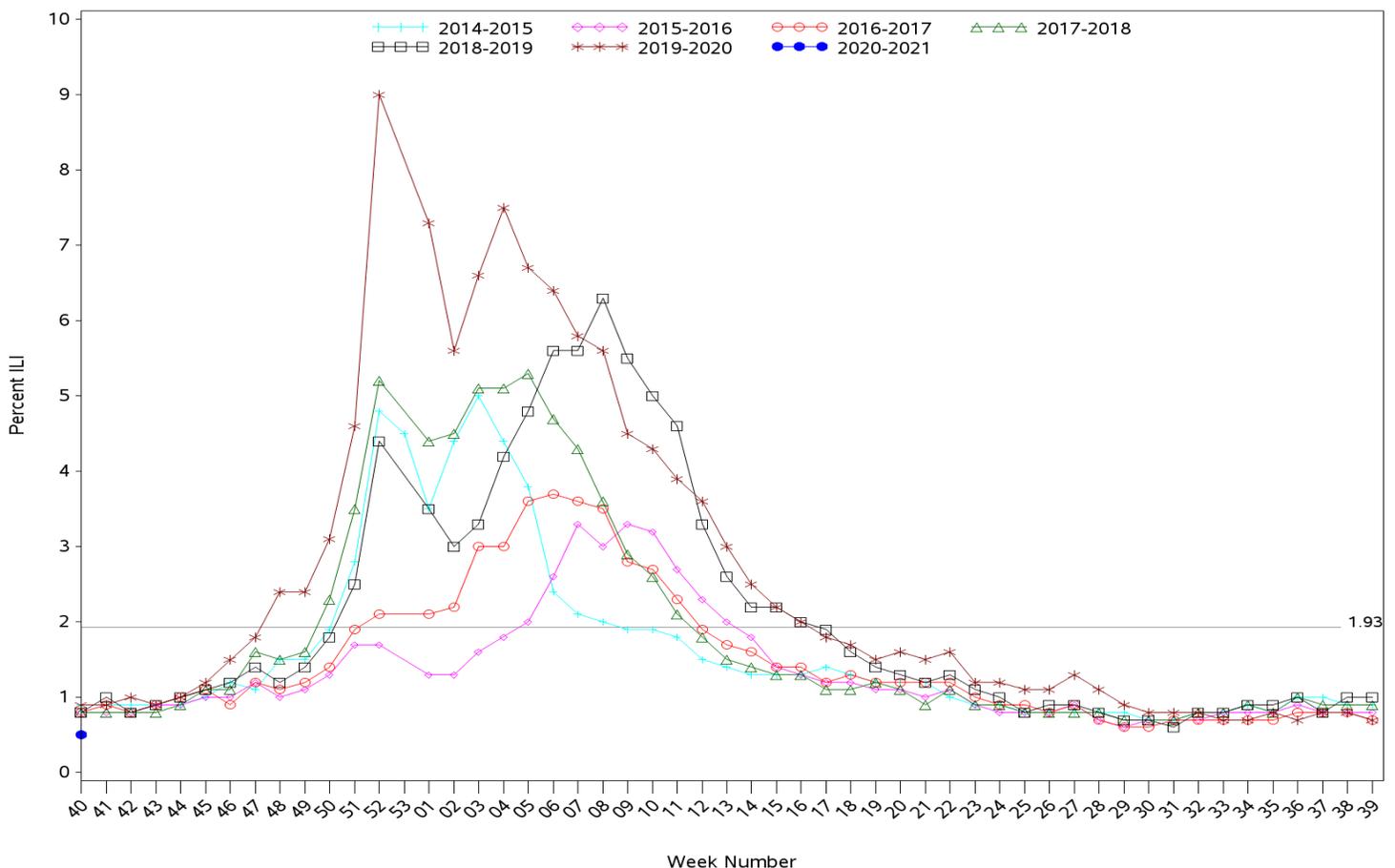




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 40: 09/27/2020 – 10/03/2020)

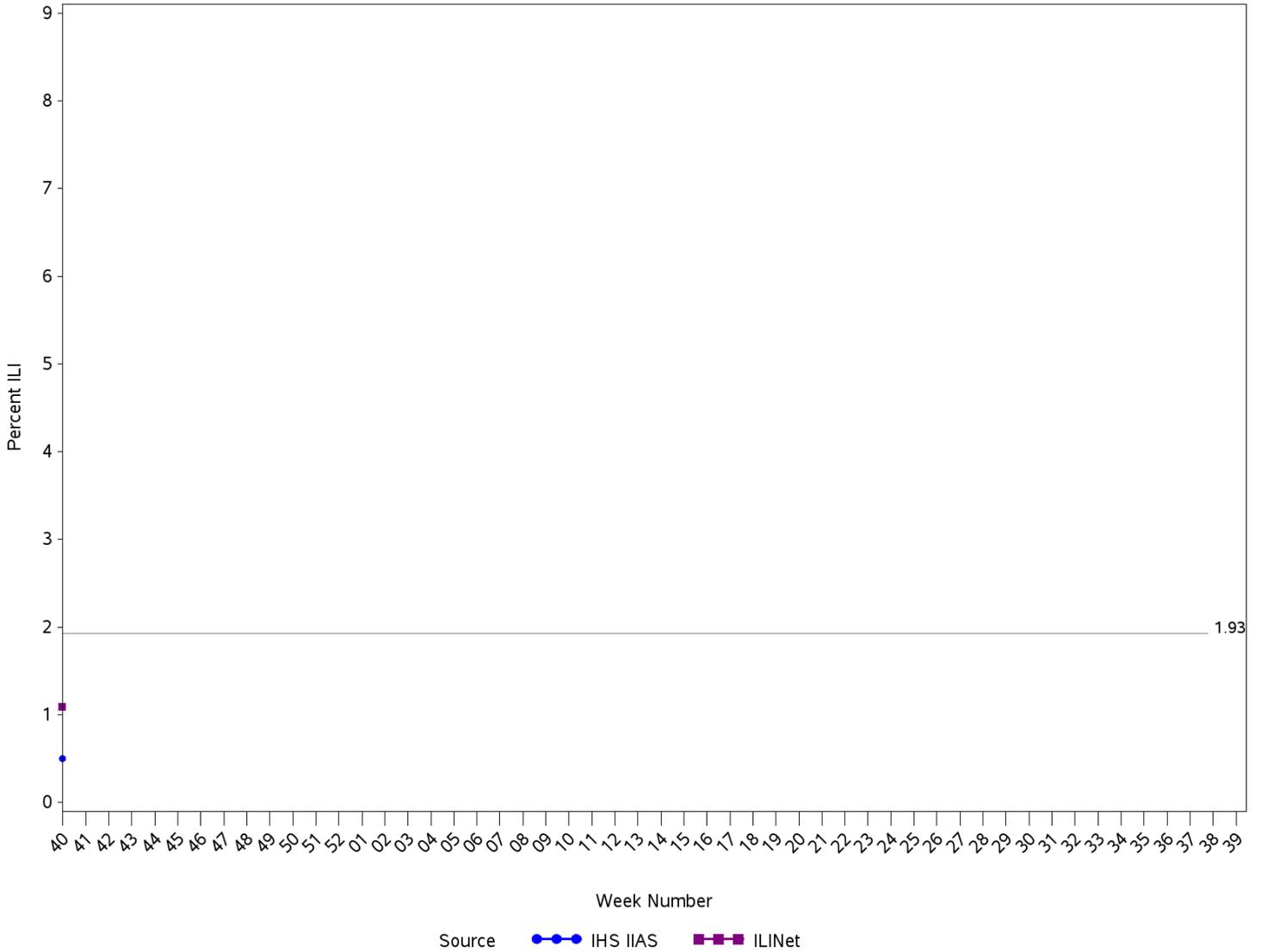
- IHS national Influenza-like illness (ILI) activity is low at 0.5%, below the IHS baseline of 1.93%
 - Six out of eleven IHS Areas reported a decrease in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 40 (1.09%), below the ILINet baseline (2.6%), and the IHS baseline of 1.93%.
- To date, IHS has administered 67,549 doses of influenza vaccine.
- Overall, 9.4% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- Alaska Area data 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



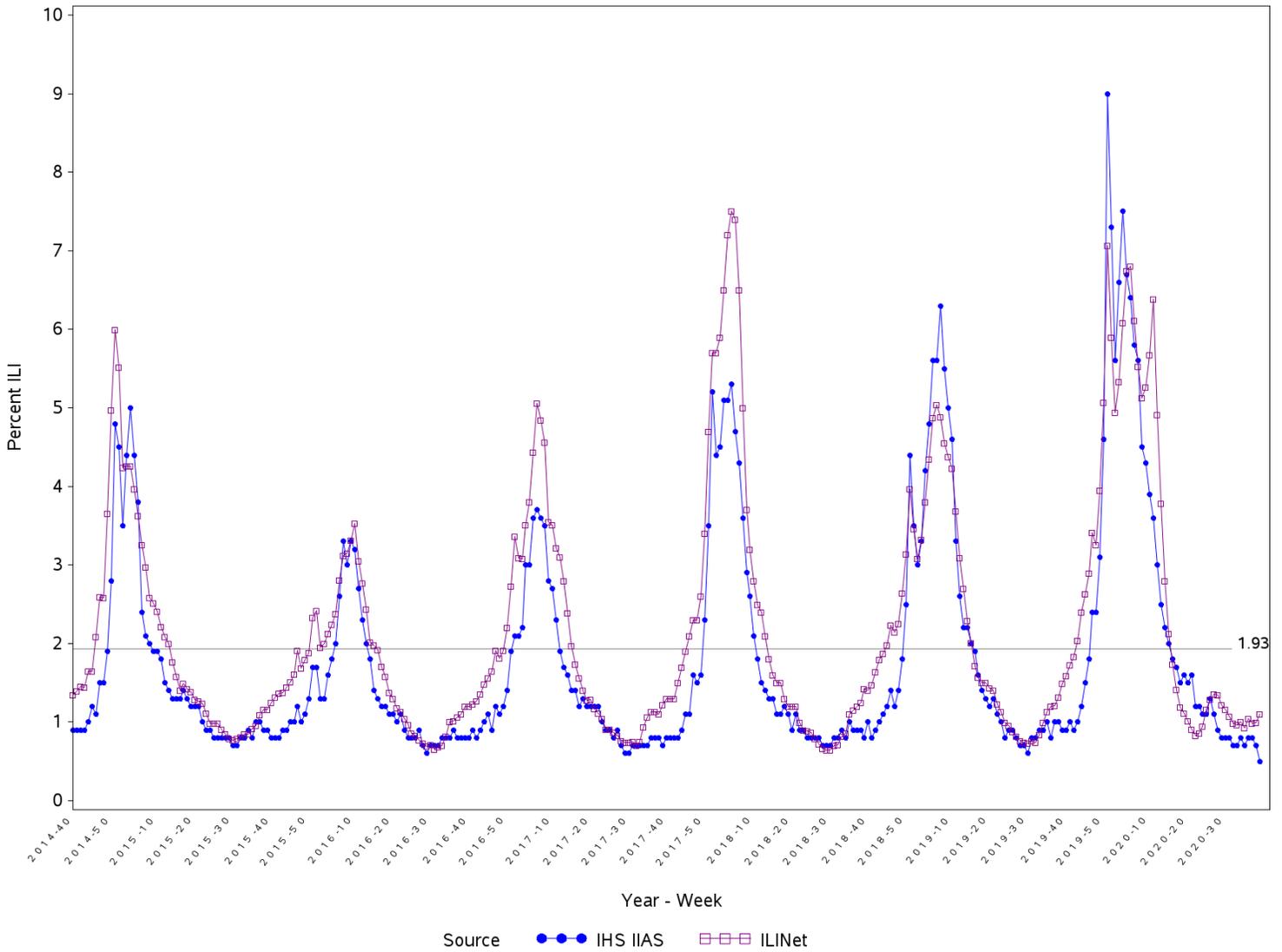
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.
 The horizontal line is the 2020-2021 IHS 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 10/03/20 (Week 40)



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 10/03/20 (Week 40)**



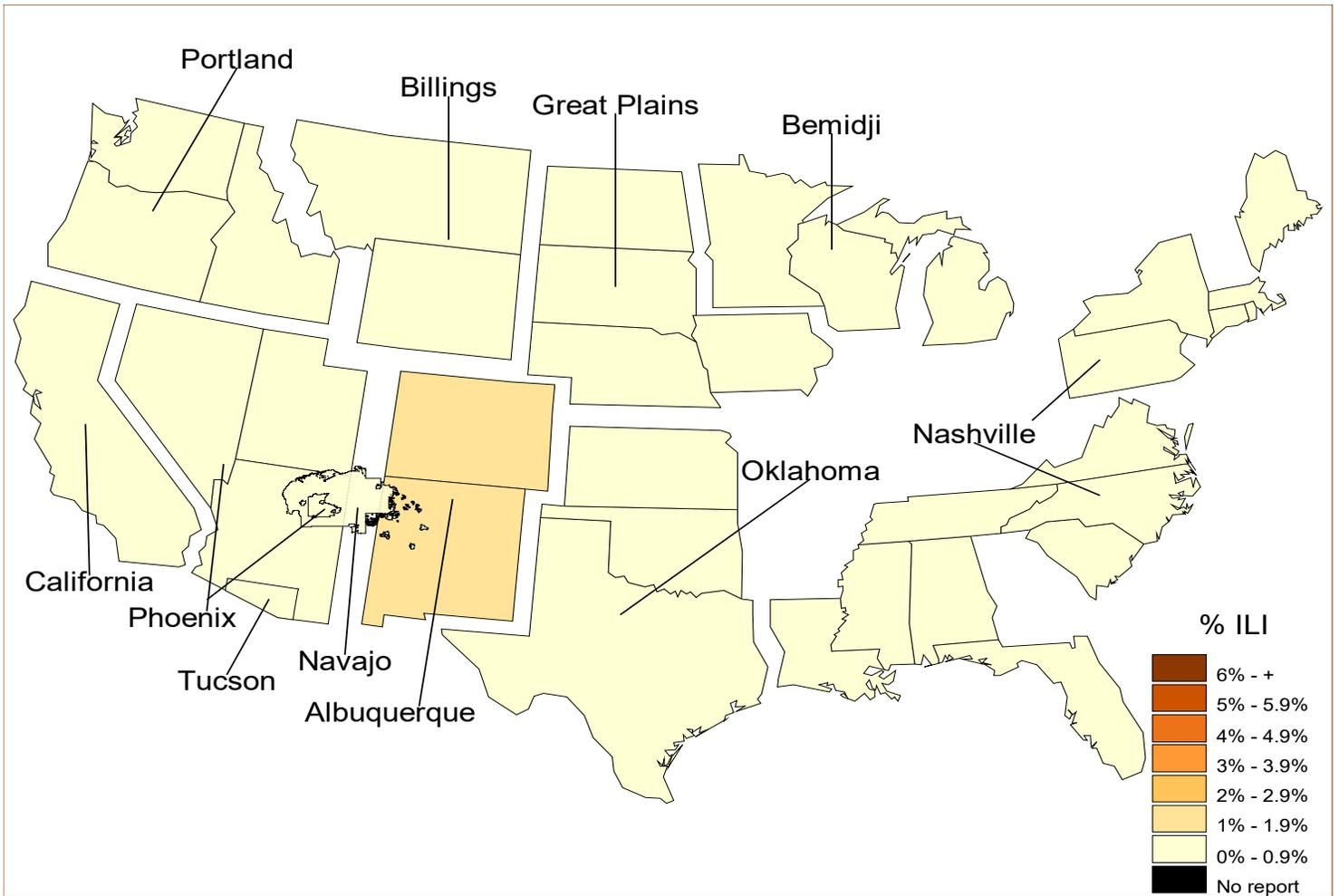
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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 10/03/20 (Week 40)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 10/03/20 (Week 40)**

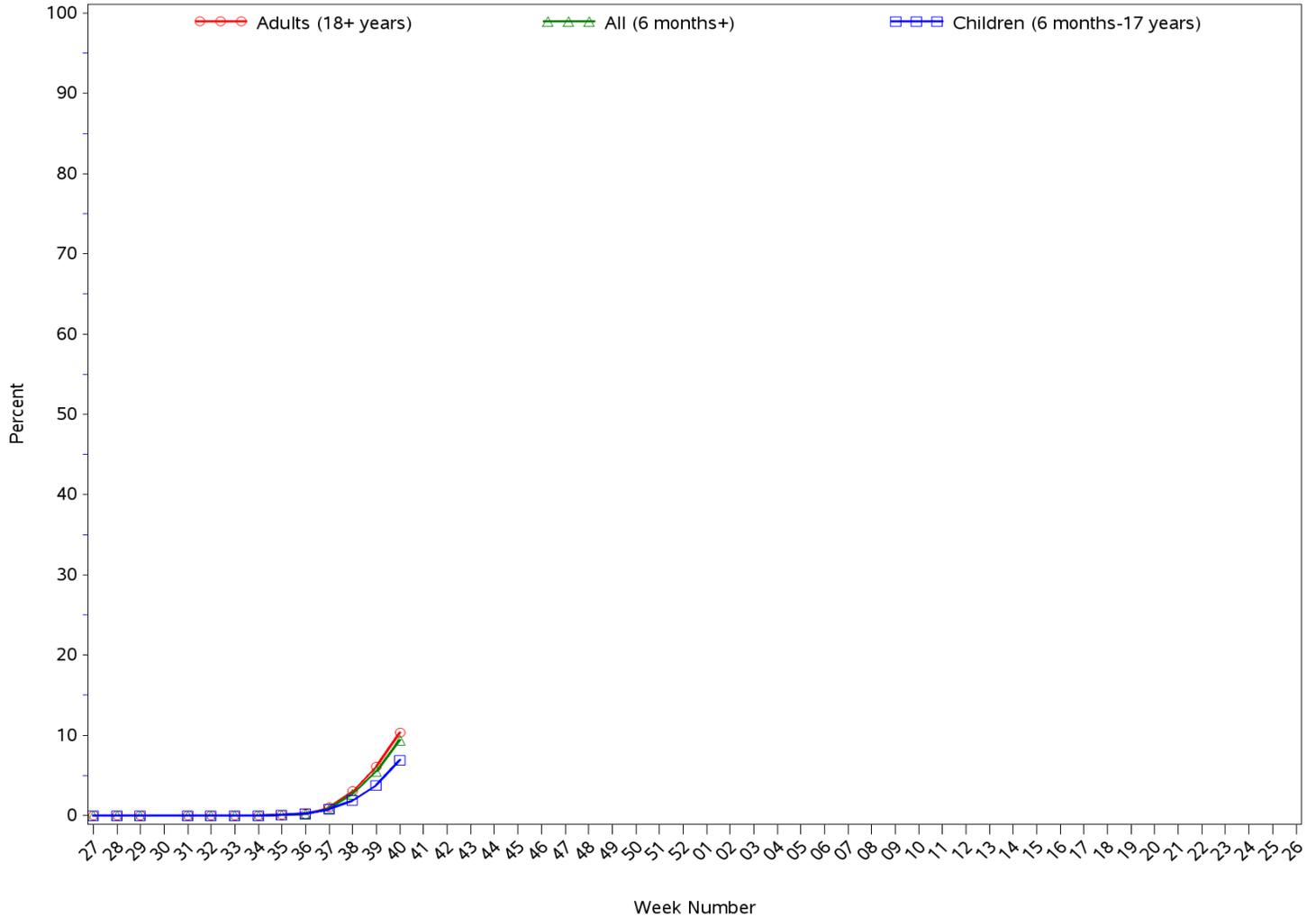
IHS Areas	Previous Week (39)	Current Week (40)
NATIONAL	0.7	0.5
ALBUQUERQUE	2.1	1.4
BEMIDJI	0.4	0.3
BILLINGS	0.9	0.9
CALIFORNIA	0.0	0.1
GREAT PLAINS	0.4	0.6
NASHVILLE	0.8	0.7
NAVAJO	0.7	0.4
OKLAHOMA	0.3	0.4
PHOENIX	1.0	0.5
PORTLAND	0.3	0.1
TUCSON	0.3	0.7

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

IHS Influenza Vaccination Surveillance

As of 10/03/2020, sites reporting to the IIAS have administered 67,549 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 10/03/20 (Week 40)



**All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 10/03/20 (Week 40)**

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	2,715	5	0.2	0	0	5
6 - 23 months	13,669	1,205	8.8	6	0	1,211
2 - 4 years	35,345	2,087	5.9	3	0	2,090
5 - 17 years	147,746	10,355	7.0	18	0	10,378
18 - 49 years	299,495	24,012	8.0	47	0	24,063
50 - 64 years	131,257	18,321	14.0	39	0	18,372
65 + years	90,397	11,392	12.6	30	0	11,435
Children (6 months-17 years)	196,760	13,647	6.9	27	0	13,679
Adults (18+ years)	521,149	53,725	10.3	116	0	53,870
All (6 months+)	717,909	67,372	9.4	143	0	67,549

* 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 10/03/20 (Week 40)**

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 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	314	54	35	3,358	1,036	19	0	16	22	10	0	0	0	0	33	4,897
BEM	218	23	45	2,091	322	3	2	2	8	1	0	0	0	0	64	2,779
BIL	451	80	30	2,989	572	2	1	1	79	1	0	0	0	0	11	4,217
CAO	582	296	0	1,230	234	20	0	5	5	32	0	0	0	0	20	2,424
GPA	1,245	58	40	3,964	722	3	0	2	8	123	0	0	0	0	9	6,174
NSA	134	32	16	1,947	1,548	0	0	117	36	5	0	0	0	0	64	3,899
NAV	307	117	0	17,780	2,773	13	81	212	14	4	0	0	0	0	68	21,369
OKC	631	573	96	7,898	625	32	3	7	22	1	0	0	0	0	42	9,930
PHX	601	358	1	3,483	2,658	20	0	2	76	4	0	0	0	0	45	7,248
POR	105	112	54	1,929	331	0	0	13	17	23	0	0	0	0	10	2,594
TUC	14	7	0	2,391	7	0	0	0	3	0	0	0	0	0	13	2,435
	4,602	1,710	317	49,060	10,828	112	87	377	290	204	0	0	0	0	379	67,966

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),

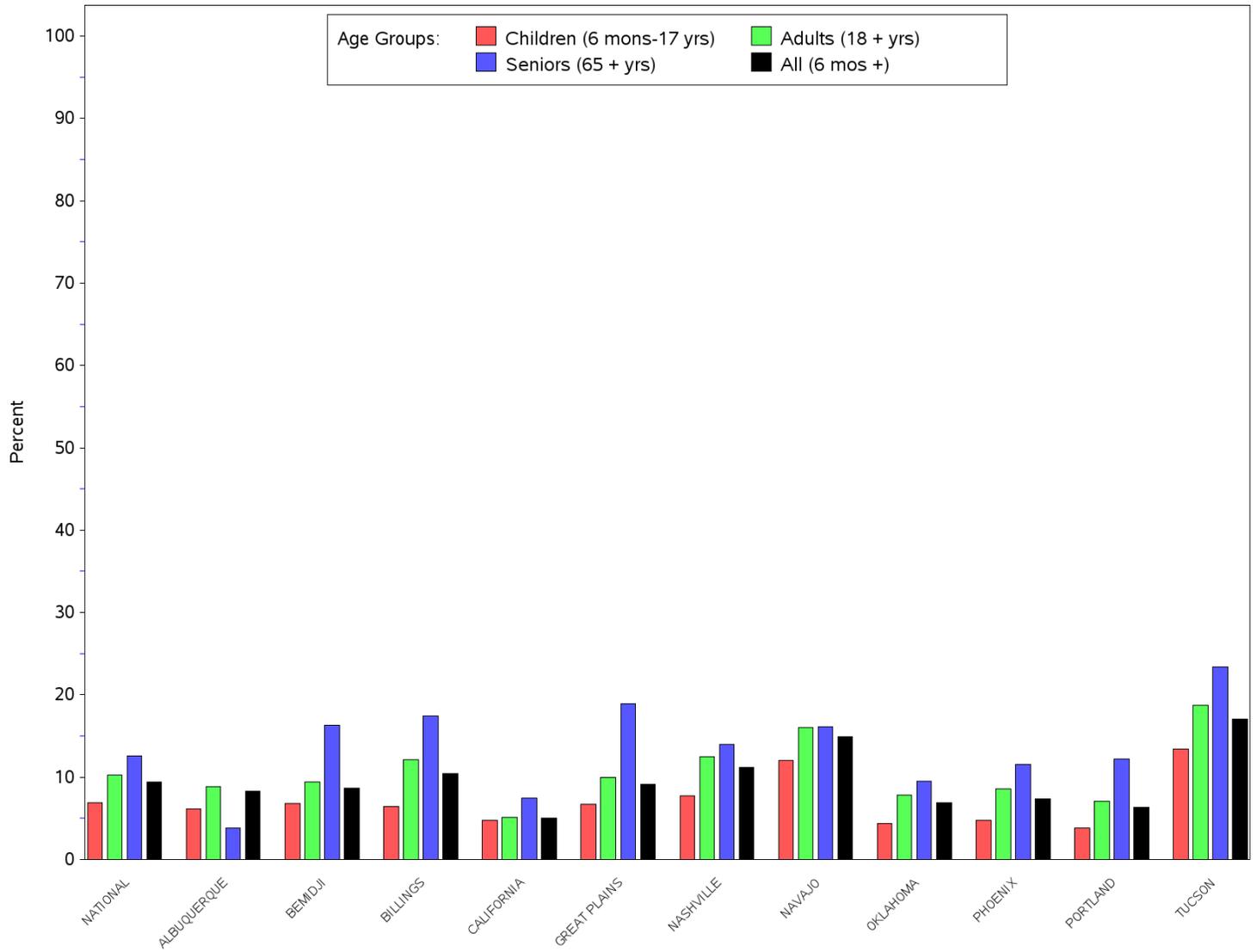
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj) and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 10/03/20 (Week 40)



**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 10/03/20 (Week 40)**

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	6.9	10.3	12.6	9.4
ALBUQUERQUE	6.2	8.9	3.8	8.3
BEMIDJI	6.8	9.4	16.3	8.7
BILLINGS	6.4	12.1	17.4	10.4
CALIFORNIA	4.8	5.1	7.5	5.0
GREAT PLAINS	6.7	10.0	18.9	9.1
NASHVILLE	7.7	12.5	14.0	11.2
NAVAJO	12.0	16.0	16.1	14.9
OKLAHOMA	4.4	7.8	9.5	6.9
PHOENIX	4.8	8.6	11.6	7.4
PORTLAND	3.8	7.1	12.2	6.3
TUCSON	13.4	18.7	23.4	17.1

Number of RPMS Databases Reporting for Week Ending 10/03/20 (Week 40)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	138	258
ALBUQUERQUE	12	18
BEMIDJI	13	19
BILLINGS	10	21
CALIFORNIA	14	25
GREAT PLAINS	14	23
NASHVILLE	21	26
NAVAJO	7	42
OKLAHOMA	17	30
PHOENIX	13	30
PORTLAND	16	21
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

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