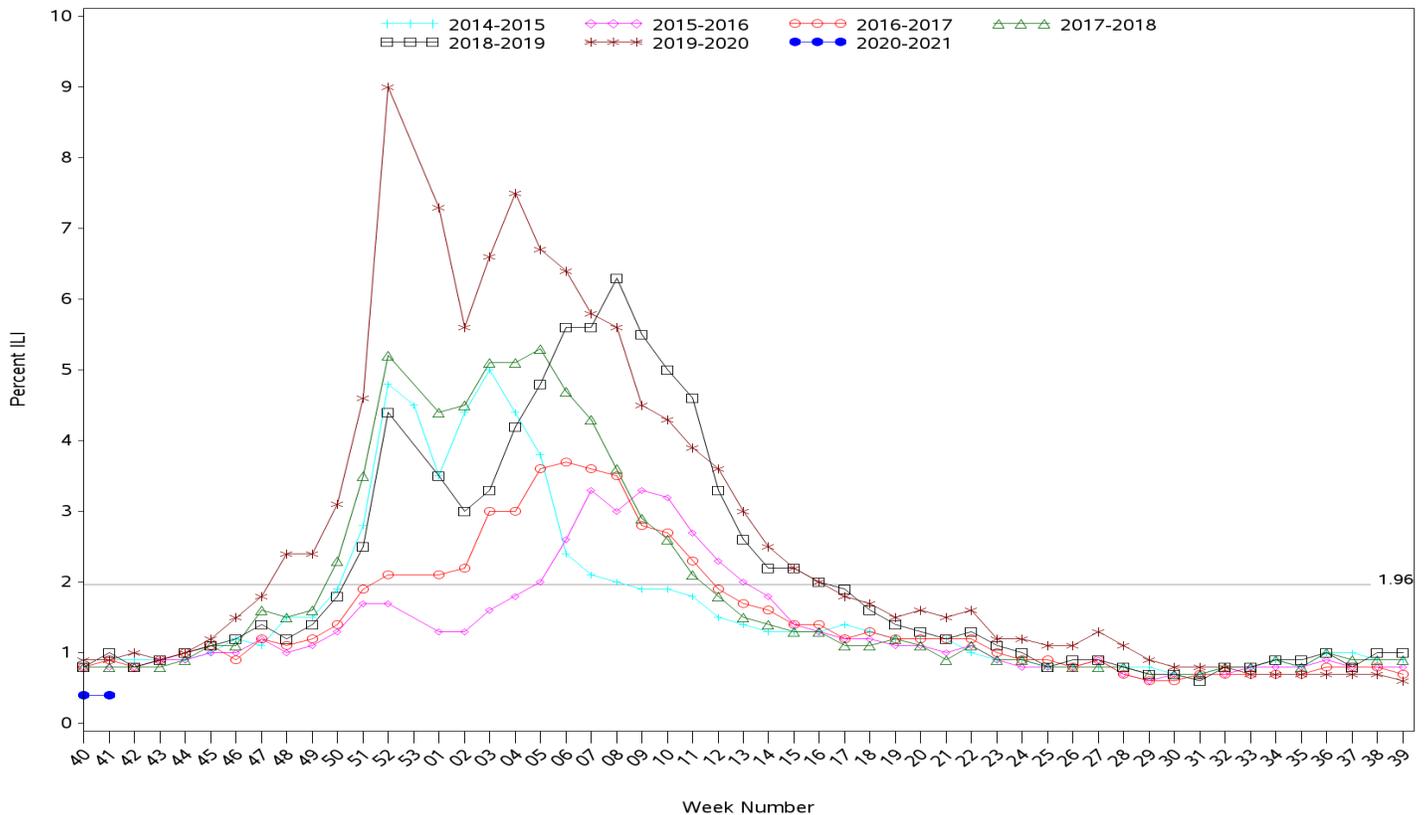




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 41: 10/04/2020 - 10/10/2020)**

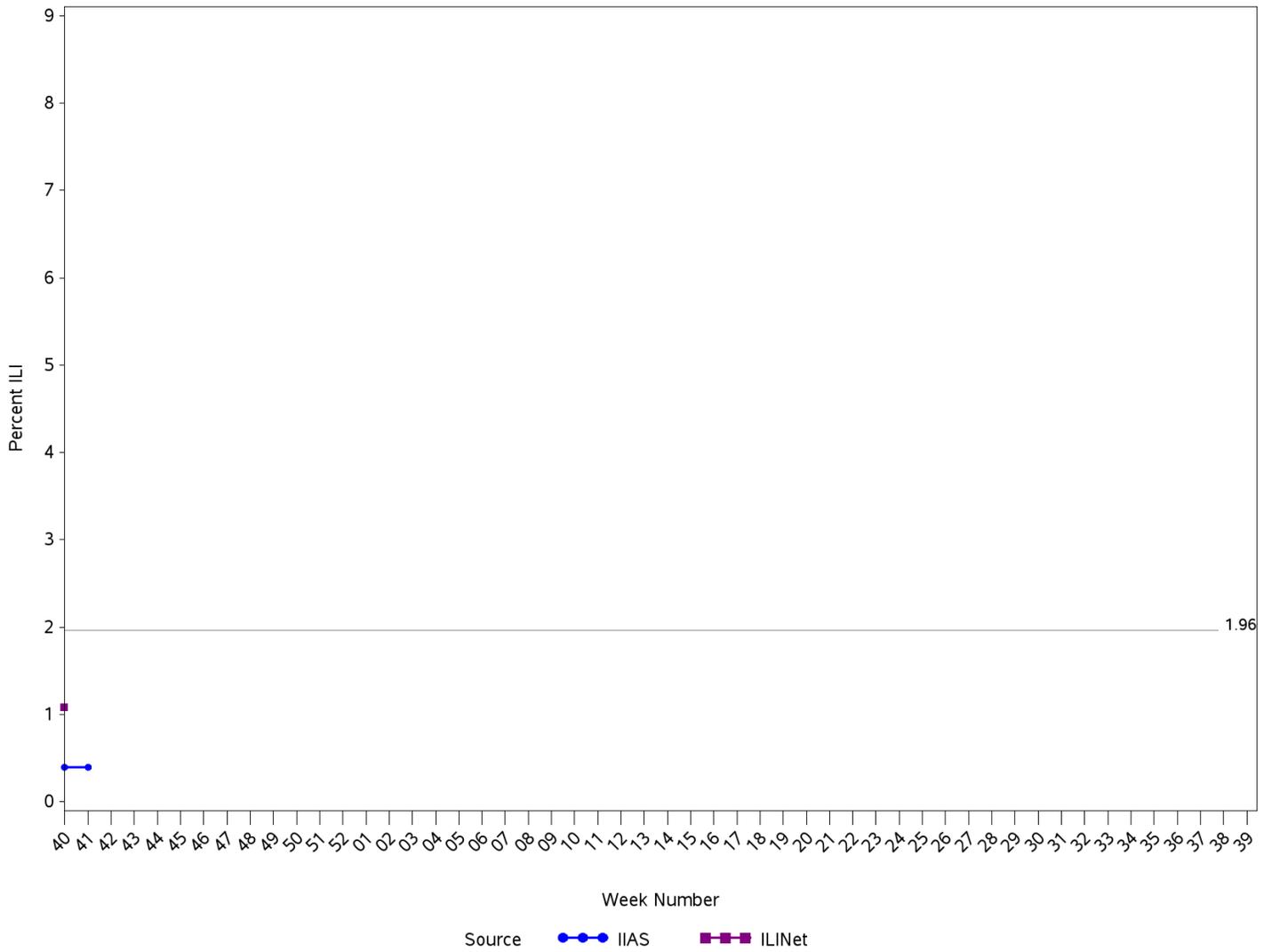
- Influenza-like-illness (ILI) activity in IHS is low at 0.6%, below the IHS baseline of 1.96%
  - Two IHS Areas (Billings and Nashville) reported slight increases in ILI activity and the other IHS Areas reported having lower ILI activity.
- National ILI activity reported by CDC is low
  - CDC's ILINet ILI activity for week 41 was 1.23%, below the ILINet baseline (2.6%) and the IHS baseline.
- To date, IHS has administered 82,782 doses of influenza vaccine.
- Overall, 11.8% of the IHS Active Clinical population received an influenza vaccine this season.

**All IHS Areas**  
**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years**  
**Percentage of Visits for ILI per week**



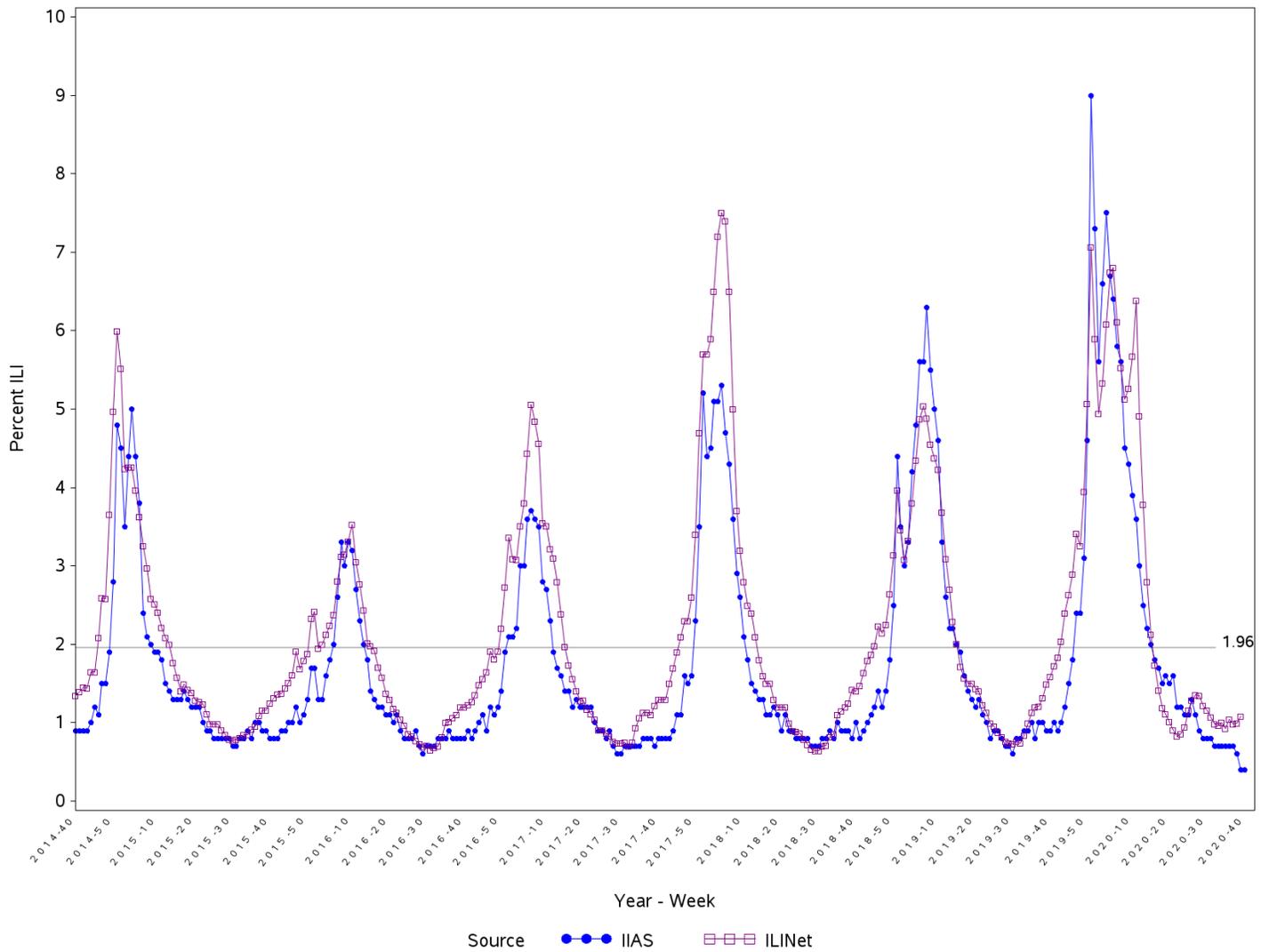
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined 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**  
**IIAS vs. ILINet**  
**09/27/20 to 10/10/20**



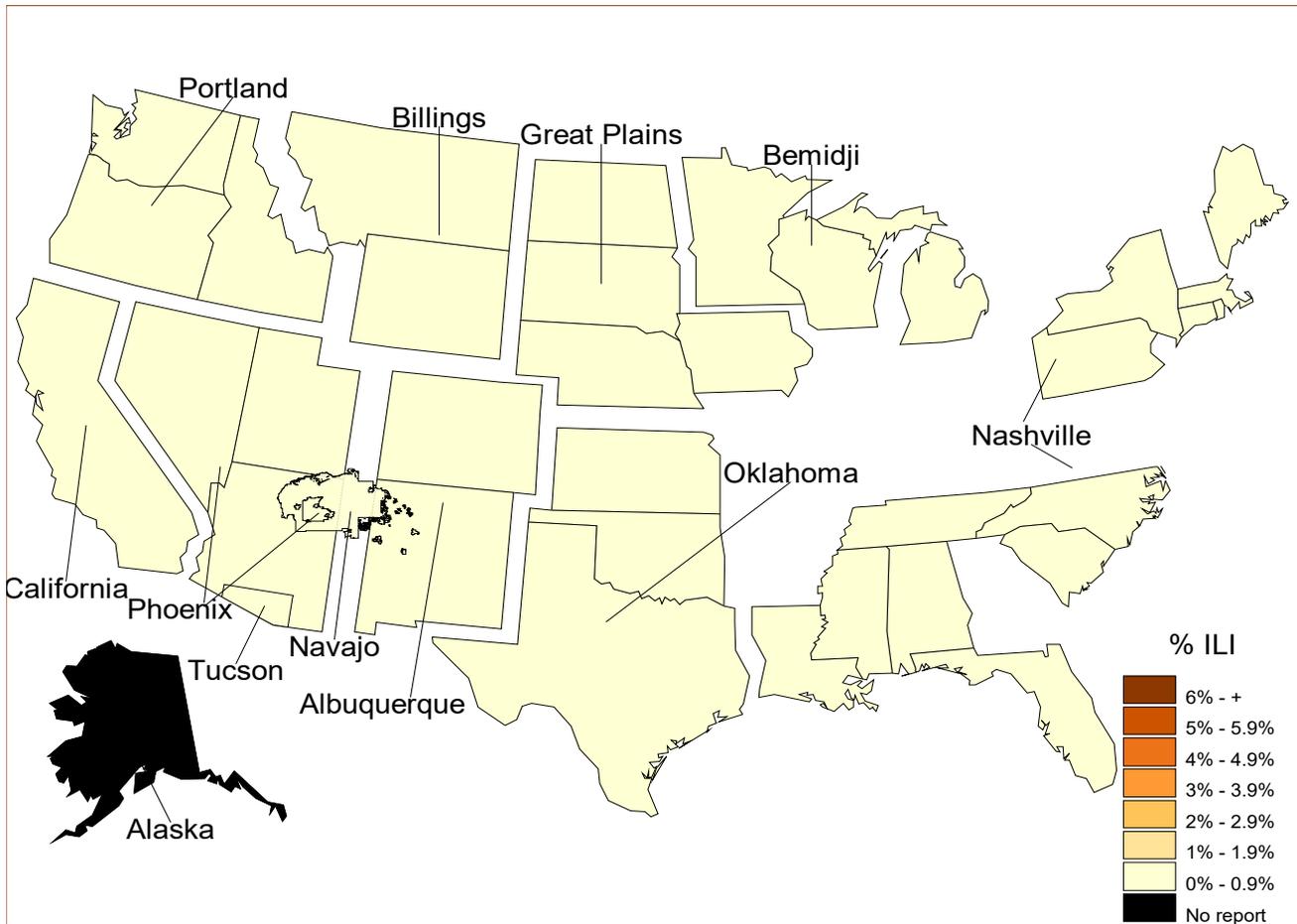
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined 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

**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous  
Percentage of Visits for ILI per week  
IIAS vs. ILINet  
09/29/14 to 10/10/20 (Week 41)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 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 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 Influenza-Like Illness Visits by Region  
For Week: 41**



**% Visits for ILI Compared to Previous Week**

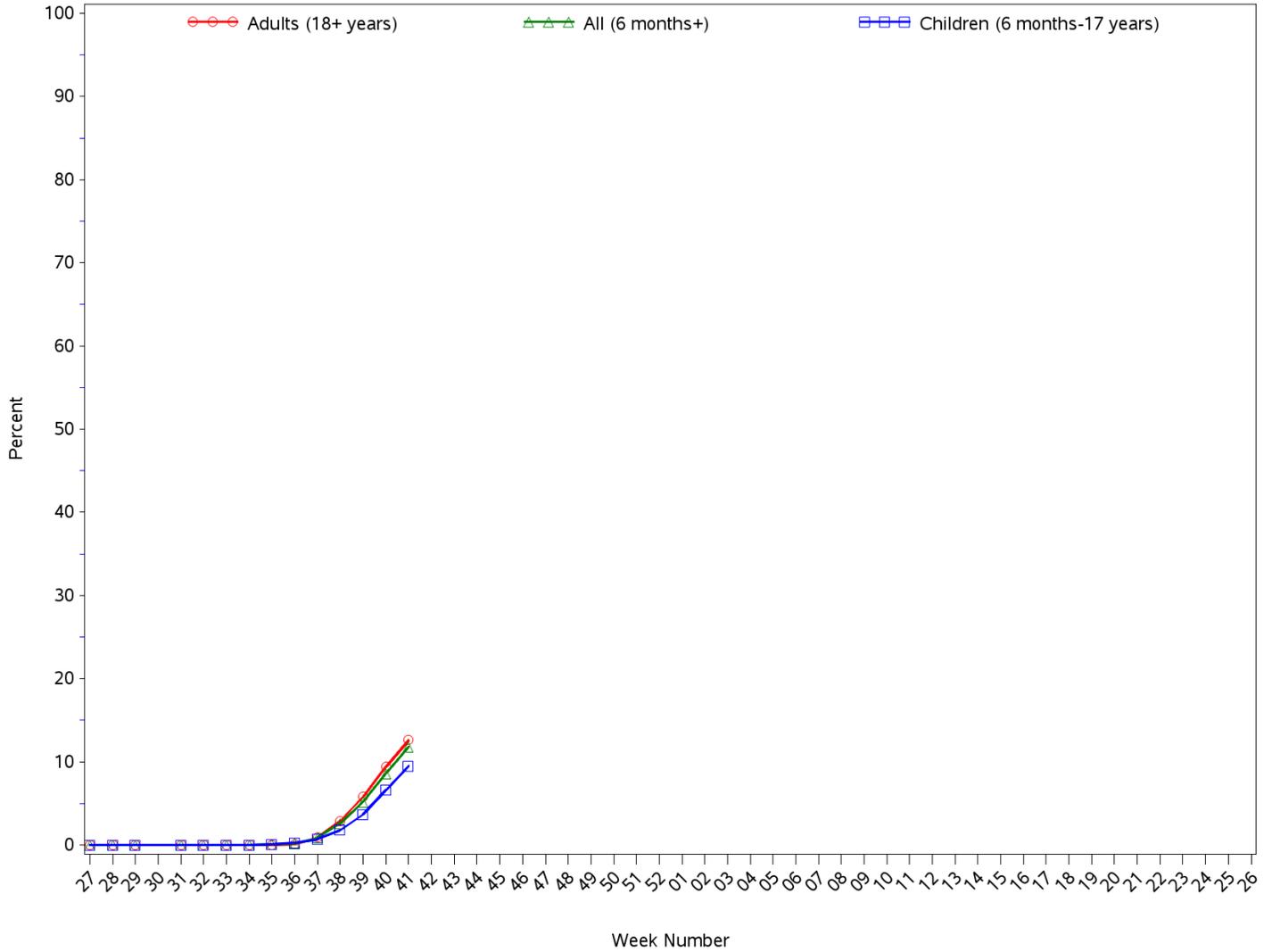
<b>IHS Areas</b>	<b>Previous Week (40)</b>	<b>Current Week (41)</b>
NATIONAL	0.4	0.4
ALASKA	0.0	0.0
ALBUQUERQUE	0.4	0.3
BEMIDJI	0.4	0.3
BILLINGS	0.7	0.7
CALIFORNIA	0.1	0.0
GREAT PLAINS	0.6	0.6
NASHVILLE	0.6	0.8
NAVAJO	0.4	0.4
OKLAHOMA	0.4	0.4
PHOENIX	0.4	0.6
PORTLAND	0.1	0.2
TUCSON	0.7	0.0

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

## IHS Influenza Vaccination Surveillance

As of 10/10/2020, sites reporting to the IIAS have administered 82,782 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

### All IHS Areas Cumulative One-Dose Seasonal Influenza Vaccine Coverage Active Clinical Population 06/28/20 to 10/10/2020



### Influenza Vaccination Coverage by Age Group\*

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	2,695	7	0.3	0	0.0	7
6 - 23 months	13,474	1,543	11.5	10	0.1	1,533
2 - 4 years	34,656	2,761	8.0	5	0.0	2,766
5 - 17 years	144,912	14,084	9.7	19	0.0	14,107
18 - 49 years	292,708	28,738	9.8	47	0.0	28,789
50 - 64 years	128,033	22,144	17.3	37	0.0	22,197
65 + years	88,387	13,326	15.1	31	0.0	13,370
Children (6 months-17 years)	193,042	18,388	9.5	34	0.0	18,426
Adults (18+ years)	509,128	64,208	12.6	115	0.0	64,356
All (6 months+)	702,170	82,596	11.8	149	0.0	82,782

\* 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

### Influenza Vaccine Doses Administered by Influenza Vaccine Type\*

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 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALB	246	26	35	4,282	2,578	46	0	28	43	10	0	0	0	0	178	7,472
BEM	200	18	53	2,361	330	1	0	23	2	0	0	0	0	0	34	3,022
BIL	448	62	36	3,083	584	0	0	1	113	1	0	0	0	0	10	4,338
CAO	648	286	1	1,496	214	18	0	6	5	43	0	0	0	0	25	2,742
GPA	1,405	16	42	4,865	936	3	0	2	131	155	0	0	0	0	12	7,567
NSA	114	18	24	2,352	1,605	0	0	125	54	4	0	0	0	0	76	4,372
NAV	194	47	0	22,534	5,598	23	0	1	9	8	0	0	0	0	89	28,503
OKC	569	177	123	7,933	991	34	2	7	36	1	0	0	0	0	49	9,922
PHX	784	276	1	4,978	3,603	21	0	0	110	26	0	0	0	0	37	9,836
POR	44	54	63	2,571	250	0	1	0	1	36	0	0	0	0	12	3,032
TUC	14	2	0	2,461	7	0	0	0	3	0	0	0	0	0	13	2,500
	<b>4,666</b>	<b>982</b>	<b>378</b>	<b>58,916</b>	<b>16,696</b>	<b>146</b>	<b>3</b>	<b>193</b>	<b>507</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>535</b>	<b>83,306</b>

\* 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),

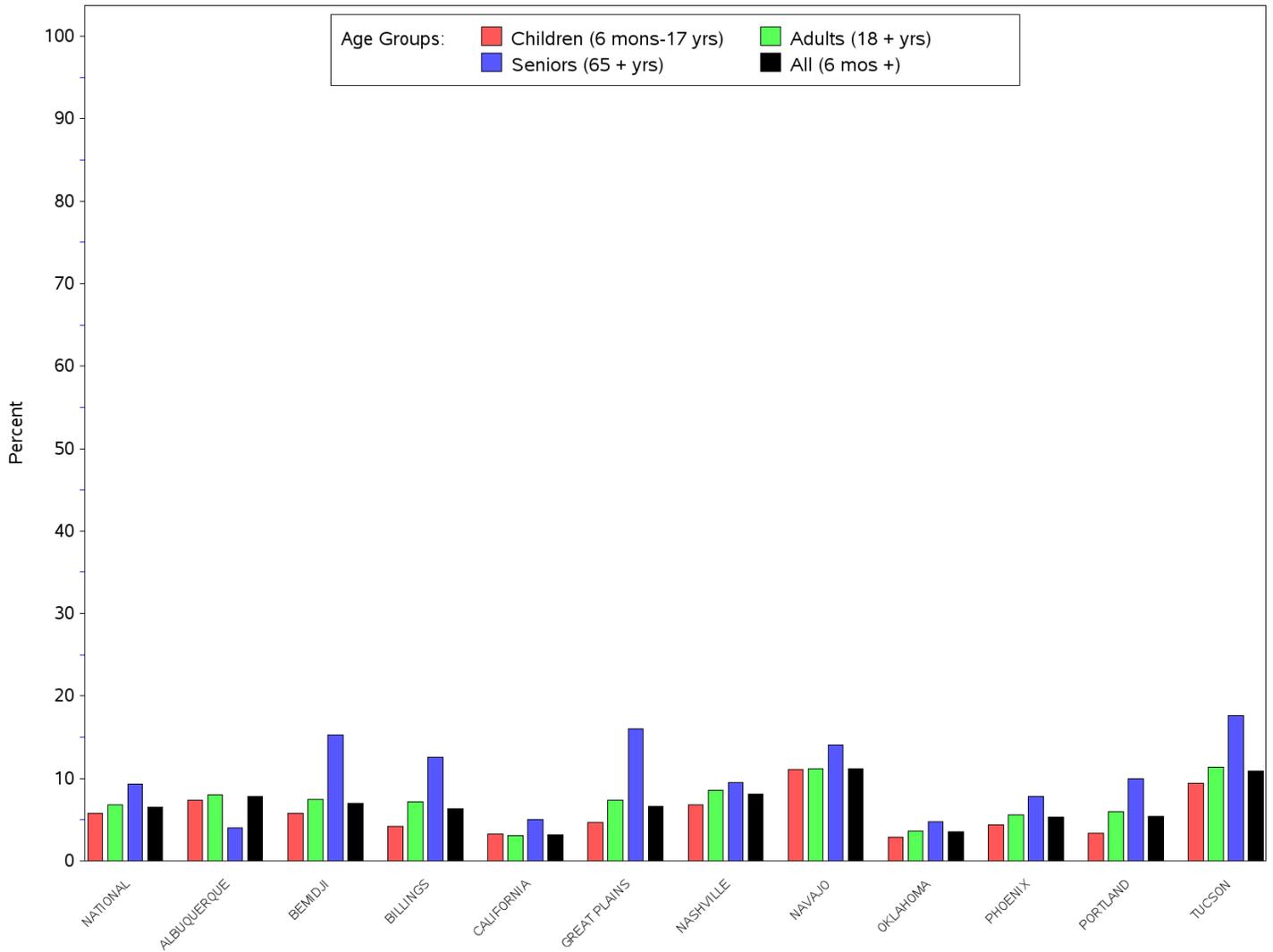
153 (FLU-cclIIV3), 155 (FLU-RIV3), 160 (H5N1,adj) and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

\*\* 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 IHS Areas**  
**Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)**  
**% Seasonal Flu (At least 1 dose) for Active Clinical Population**  
**06/28/2020 to 10/10/2020**



**All IHS Areas**  
**Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)**  
**% Seasonal Flu (At least 1 dose) for Active Clinical Population**  
**06/28/2020 to 10/10/2020**

<b>Area</b>	<b>Children (6 mons-17 yrs)</b>	<b>Adults (18+ yrs)</b>	<b>Seniors (65+ yrs)</b>	<b>All (6 mons +)</b>
NATIONAL	5.8	6.8	9.3	6.5
ALASKA	0.0	0.0	0.0	0.0
ALBUQUERQUE	7.4	8.0	4.0	7.8
BEMIDJI	5.8	7.5	15.3	7.0
BILLINGS	4.2	7.2	12.6	6.3
CALIFORNIA	3.3	3.1	5.0	3.2
GREAT PLAINS	4.7	7.4	16.0	6.6
NASHVILLE	6.8	8.6	9.5	8.1
NAVAJO	11.1	11.2	14.1	11.2
OKLAHOMA	2.9	3.6	4.8	3.5
PHOENIX	4.4	5.6	7.8	5.3
PORTLAND	3.4	6.0	10.0	5.4
TUCSON	9.4	11.4	17.6	10.9

**Number of RPMS Databases Reporting for Week 41, 2020**

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	124	210
ALASKA	0	0
ALBUQUERQUE	12	19
BEMIDJI	6	10
BILLINGS	9	21
CALIFORNIA	14	22
GREAT PLAINS	14	22
NASHVILLE	20	23
NAVAJO	6	22
OKLAHOMA	17	23
PHOENIX	13	27
PORTLAND	12	18
TUCSON	1	3

\* Exporting databases may include data from multiple facilities.

\*\* Includes only facility categories: Hospital, Health Center, Health Station, Health Location, and Alaska Village Clinic.