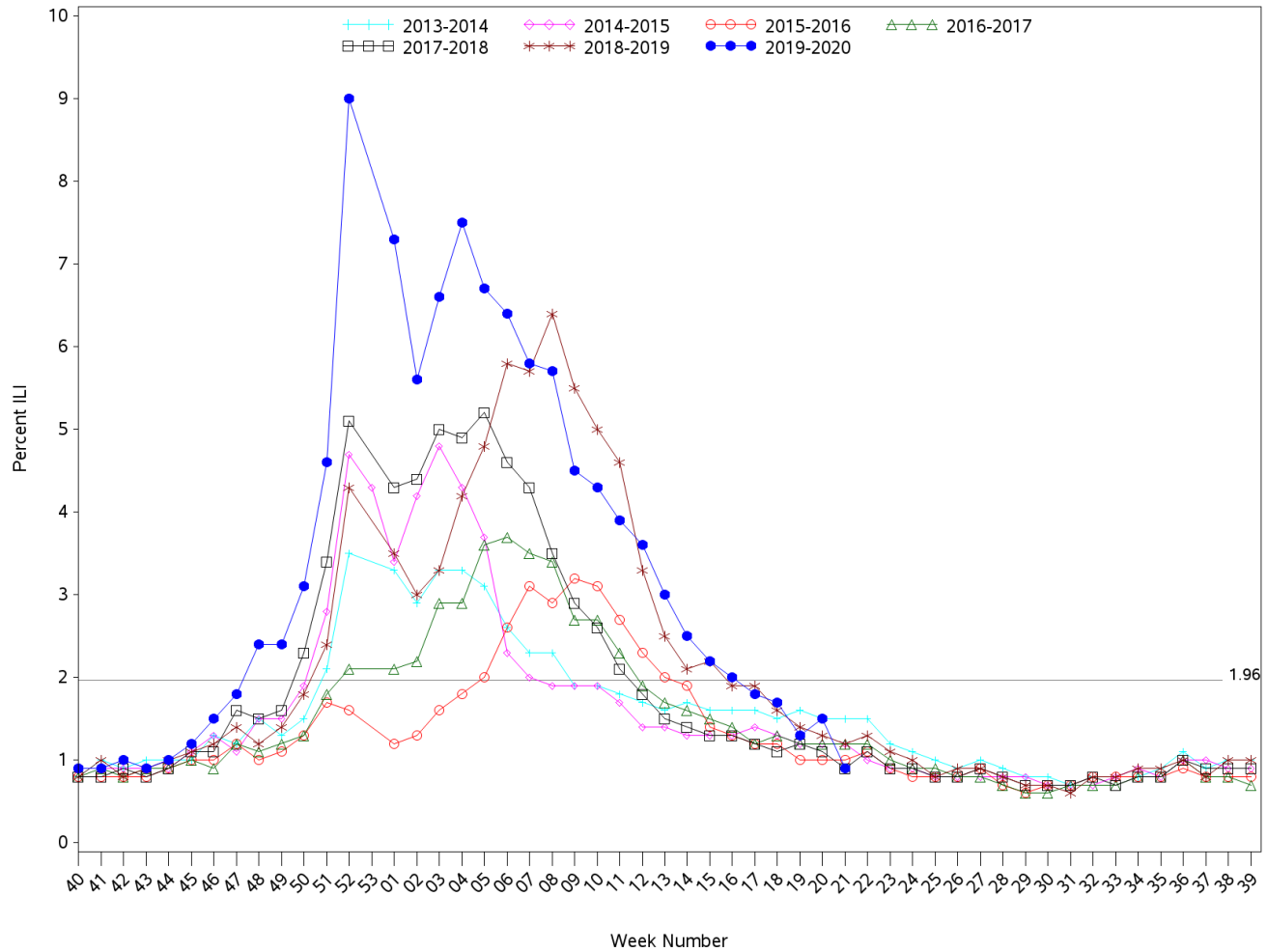




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**(Week 21: 05/18/2020 – 05/24/2020)**

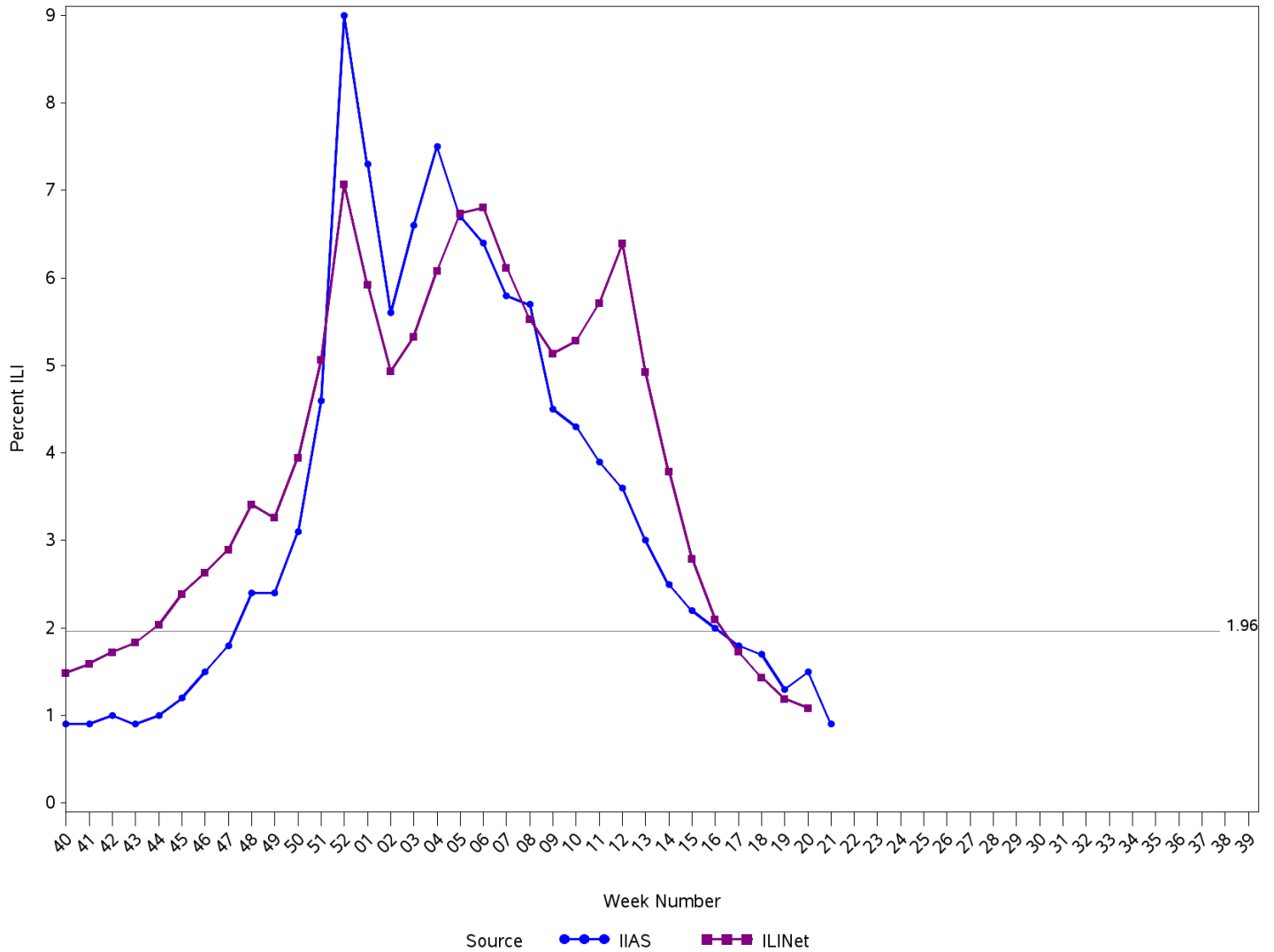
- Influenza-like-illness (ILI) activity in IHS is low at 0.9%, below the IHS baseline of 1.96%
  - All IHS Areas besides for the Bemidji reported having lower ILI activity
- National ILI activity reported by CDC is low
  - CDC's ILINet ILI activity for week 21 was 1.0%, below the ILINet baseline (2.4%) and the IHS baseline.
- To date, IHS has administered 292,063 doses of influenza vaccine.
- Overall, 36.7% 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**  
**09/29/2013 to 05/23/2020**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.  
 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

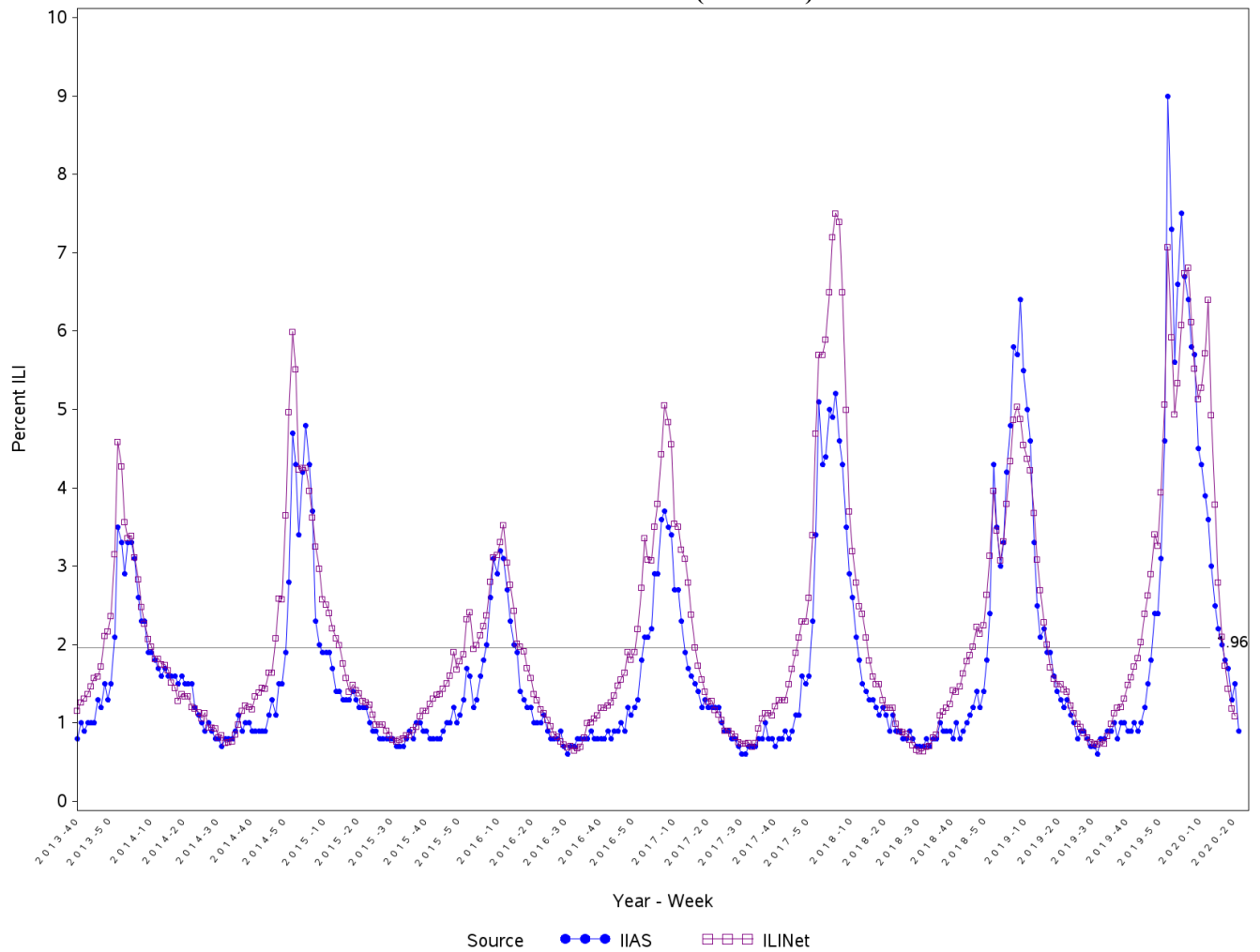
**Percentage of Outpatient Visits for Influenza-Like Illness (ILI)**  
**Percent ILI for Flu Year 2019 - 2020**  
**IIAS vs. ILINet**  
**09/29/19 to 05/23/20**



1.96

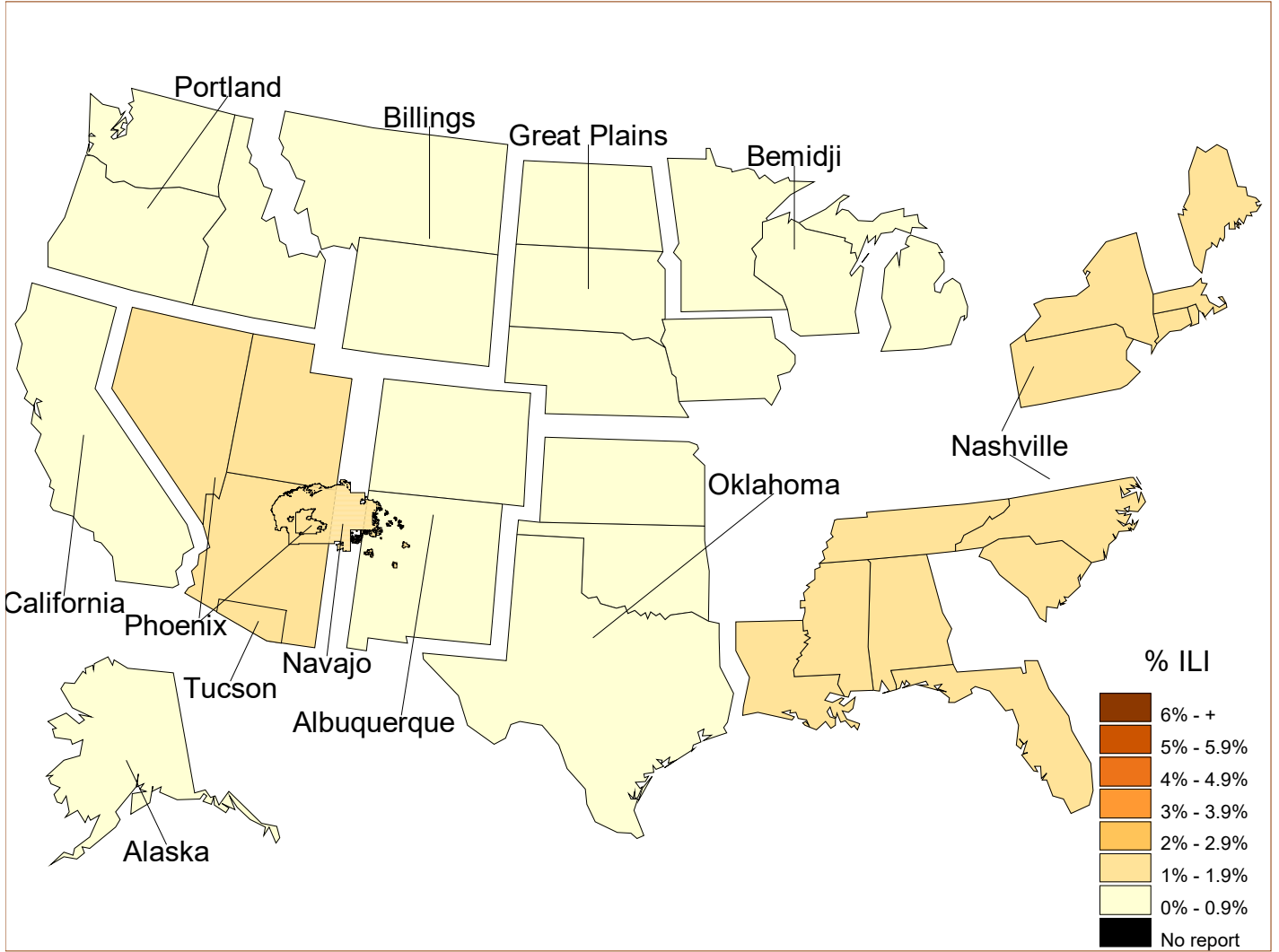
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.  
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous  
Percentage of Visits for ILI per week  
IIAS vs. ILINet  
09/29/13 to 05/23/20 (Week 21)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2019-20 IIAS baseline. The ILINet baseline value for 2019-20 is 2.4.  
 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: 21**



### % Visits for ILI Compared to Previous Week

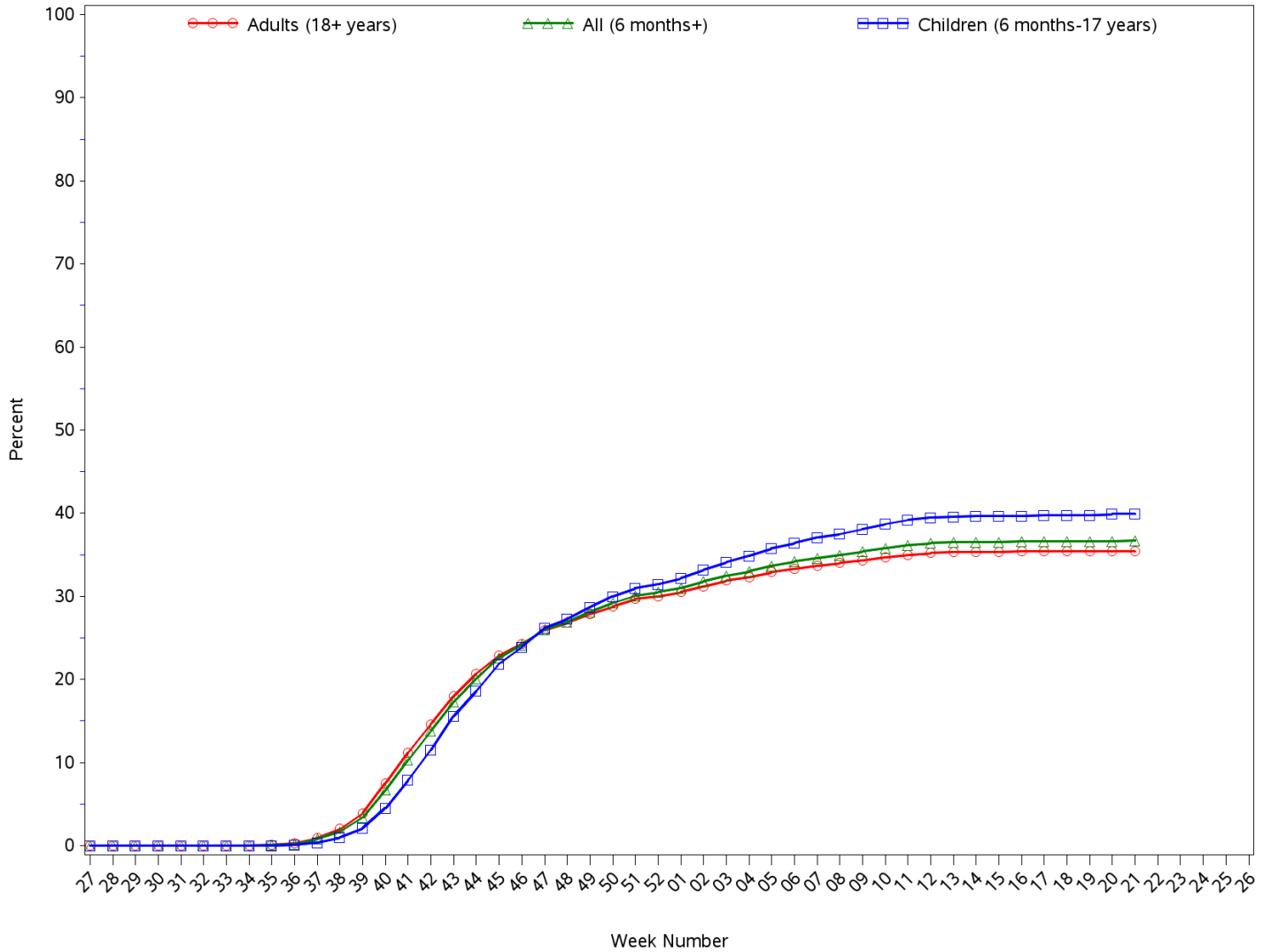
<b>IHS Areas</b>	<b>Previous Week (20)</b>	<b>Current Week (21)</b>
NATIONAL	1.5	0.9
ALASKA	0.0	0.0
ALBUQUERQUE	0.7	0.4
BEMIDJI	0.4	0.7
BILLINGS	0.7	0.4
CALIFORNIA	0.4	0.1
GREAT PLAINS	1.0	0.7
NASHVILLE	1.6	1.5
NAVAJO	3.6	1.9
OKLAHOMA	0.4	0.3
PHOENIX	1.9	1.6
PORTLAND	0.5	0.1
TUCSON	1.9	1.3

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

## IHS Influenza Vaccination Surveillance

As of 05/23/2020, sites reporting to the IIAS have administered 292,063 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 06/30/2019 to 05/23/2020



### 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	2,982	109	3.7	0	0.0	109
6 - 23 months	15,485	10,777	69.6	3,629	23.4	14,433
2 - 4 years	38,821	14,230	36.7	504	1.3	14,784
5 - 17 years	160,446	60,651	37.8	353	0.2	61,205
18 - 49 years	327,811	93,793	28.6	404	0.1	94,519
50 - 64 years	141,913	60,095	42.3	317	0.2	60,685
65 + years	93,887	45,792	48.8	309	0.3	46,437
Children (6 months-17 years)	214,752	85,658	39.9	4,486	2.1	90,422
Adults (18+ years)	563,611	199,680	35.4	1,030	0.2	201,641
All (6 months+)	778,363	285,338	36.7	5,516	0.7	292,063

\* 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 data.

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

Area	INACTIVE CVX CODES*	CVX 88 FLU- NOS**	CVX 135 FLU- HIGH	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	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	19	26	65	27	1,626	760	0	0	0	3	0	0	0	15	2,541
ALB	597	205	321	183	8,539	8,944	56	2,169	197	40	150	0	0	61	21,462
BEM	429	81	192	9	5,095	766	28	553	1	82	3	0	0	25	7,264
BIL	330	116	1,401	140	12,811	3,290	105	10	186	23	6	0	0	76	18,494
CAO	688	845	1,856	0	5,510	2,309	205	78	420	54	5	0	0	48	12,018
GPA	453	734	809	373	21,234	8,047	325	803	154	23	29	0	0	63	33,047
NSA	255	136	153	25	6,137	5,721	42	640	246	186	6	0	0	226	13,773
NAV	870	467	2,836	1	43,298	19,690	1,246	17	14	60	10	0	0	161	68,670
OKC	1,524	2,224	1,270	23	34,484	7,198	745	2,800	107	62	18	0	0	102	50,557
PHX	322	996	251	48	22,983	12,699	253	2,667	15	54	1	0	0	142	40,431
POR	221	274	392	101	10,280	3,798	29	594	199	110	214	0	0	48	16,260
TUC	15	54	52	1	8,176	74	27	0	2	14	0	0	0	14	8,429
	<b>5,723</b>	<b>6,158</b>	<b>9,598</b>	<b>931</b>	<b>180,173</b>	<b>73,296</b>	<b>3,061</b>	<b>10,331</b>	<b>1,541</b>	<b>711</b>	<b>442</b>	<b>0</b>	<b>0</b>	<b>981</b>	<b>292,946</b>

\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 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 given this flu season.

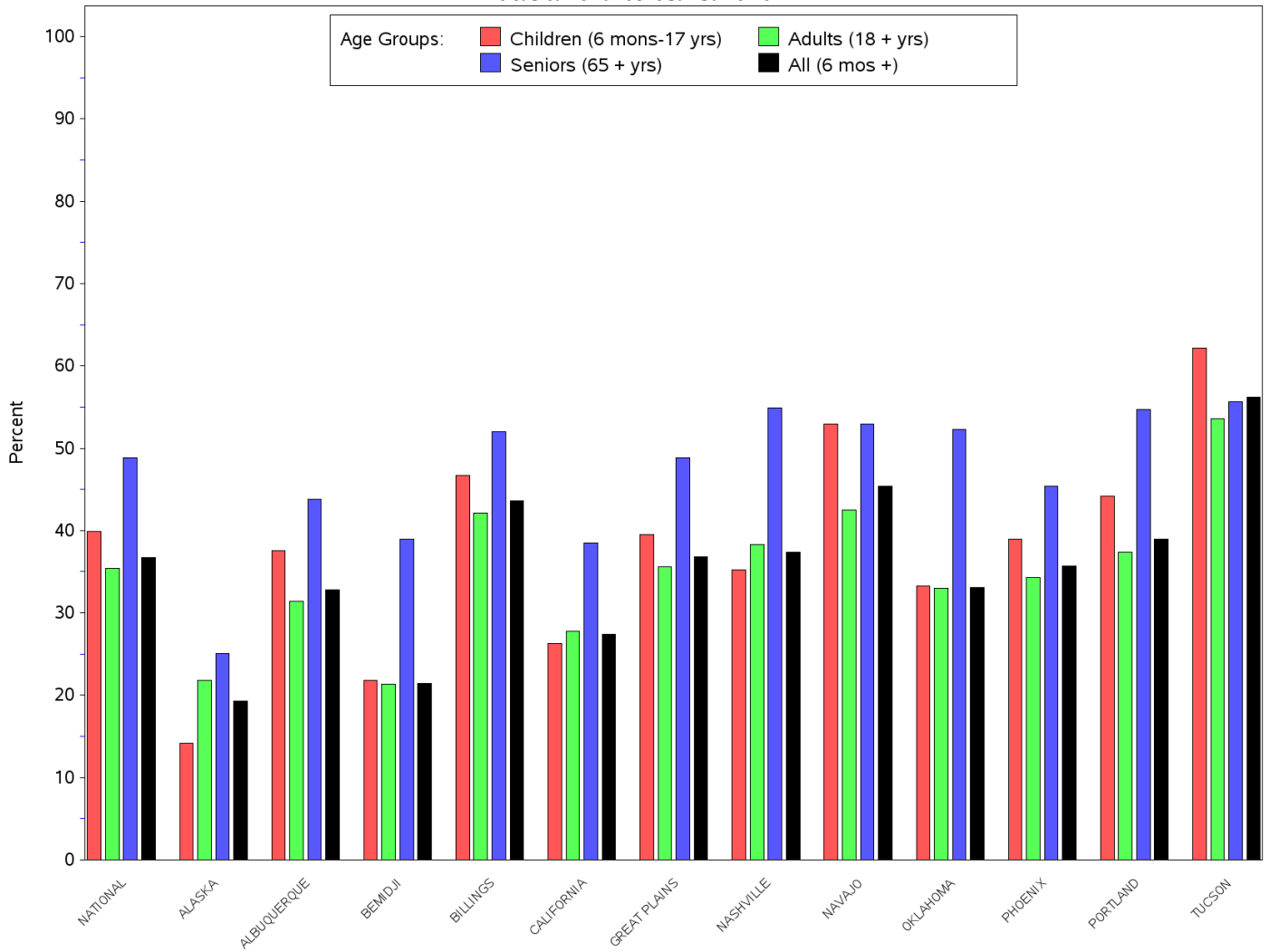
\*\* CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654-90662, 90672-90673, 90685-90686, 90724, G0008, 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  
 06/30/2019 to 05/23/2020**



**All IHS Areas**  
**Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)**  
**% Seasonal Flu (At least 1 dose) for Active Clinical Population**  
**06/30/2019 to 05/23/2020**

<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	39.9	35.4	48.8	36.7
ALASKA	14.2	21.8	25.1	19.3
ALBUQUERQUE	37.6	31.4	43.8	32.8
BEMIDJI	21.8	21.3	39.0	21.4
BILLINGS	46.7	42.1	52.0	43.6
CALIFORNIA	26.3	27.8	38.5	27.4
GREAT PLAINS	39.5	35.6	48.8	36.8
NASHVILLE	35.2	38.3	54.9	37.4
NAVAJO	52.9	42.5	52.9	45.4
OKLAHOMA	33.3	33.0	52.3	33.1
PHOENIX	39.0	34.3	45.4	35.7
PORTLAND	44.2	37.4	54.7	39.0
TUCSON	62.2	53.6	55.6	56.2

**Number of RPMS Databases Reporting for Week 21, 2020**

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	126	199
ALASKA	1	1
ALBUQUERQUE	14	20
BEMIDJI	4	5
BILLINGS	10	19
CALIFORNIA	12	20
GREAT PLAINS	15	27
NASHVILLE	21	25
NAVAJO	6	15
OKLAHOMA	17	21
PHOENIX	13	24
PORTLAND	12	18
TUCSON	1	4

\* Exporting databases may include data from multiple facilities.

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