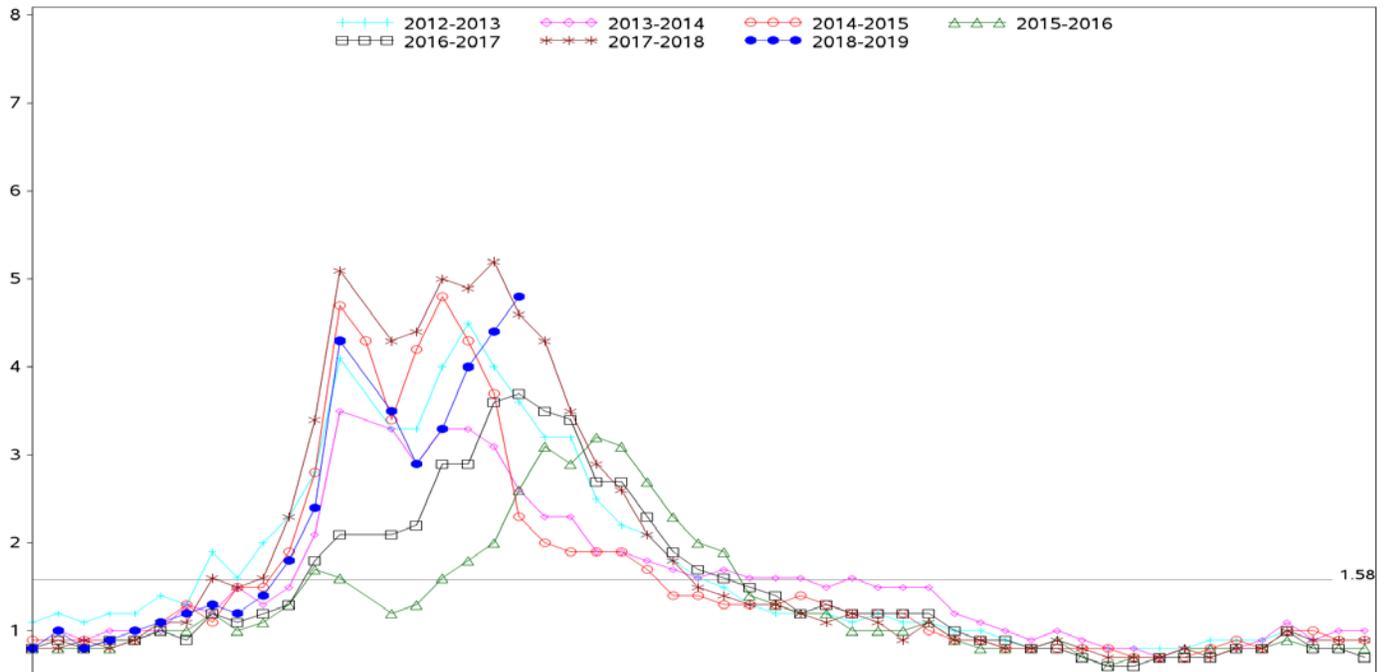




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**(Week 06: 02/03/2019 – 02/09/2019)**

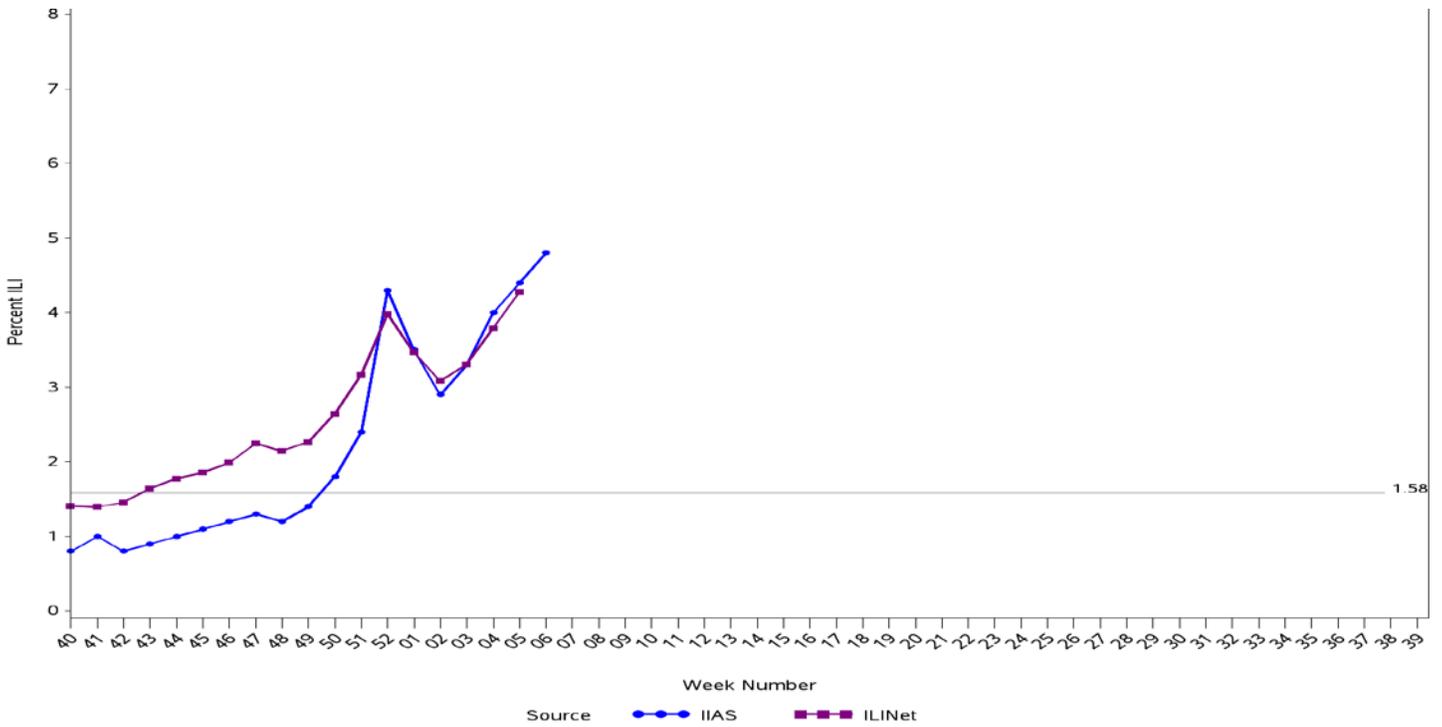
- Influenza-like-illness (ILI) activity in IHS is elevated at 4.8%, above the IHS baseline of 1.58%
  - Eleven IHS Areas reported having elevated ILI activity
- National ILI activity reported by CDC is elevated
  - CDC's ILINet ILI activity for week 05 was 4.3% and is above the ILINet baseline (2.2%) and the IHS baseline (1.58%).
- To date, IHS has administered 295,000 doses of influenza vaccine.
- Overall, 34.8% 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  
 9/30/2012 to 02/09/2019



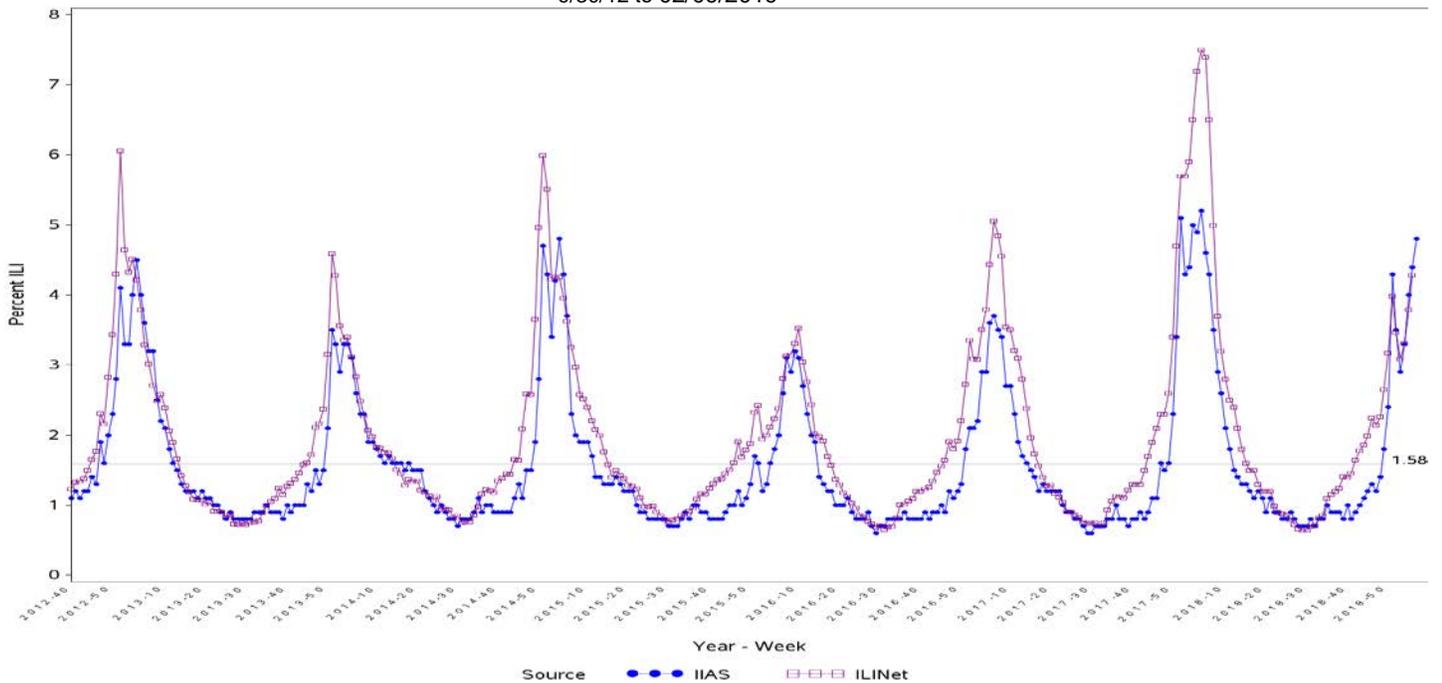
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the 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 2018 - 2019  
 IAS vs. ILINet  
 9/30/18 to 02/09/2019



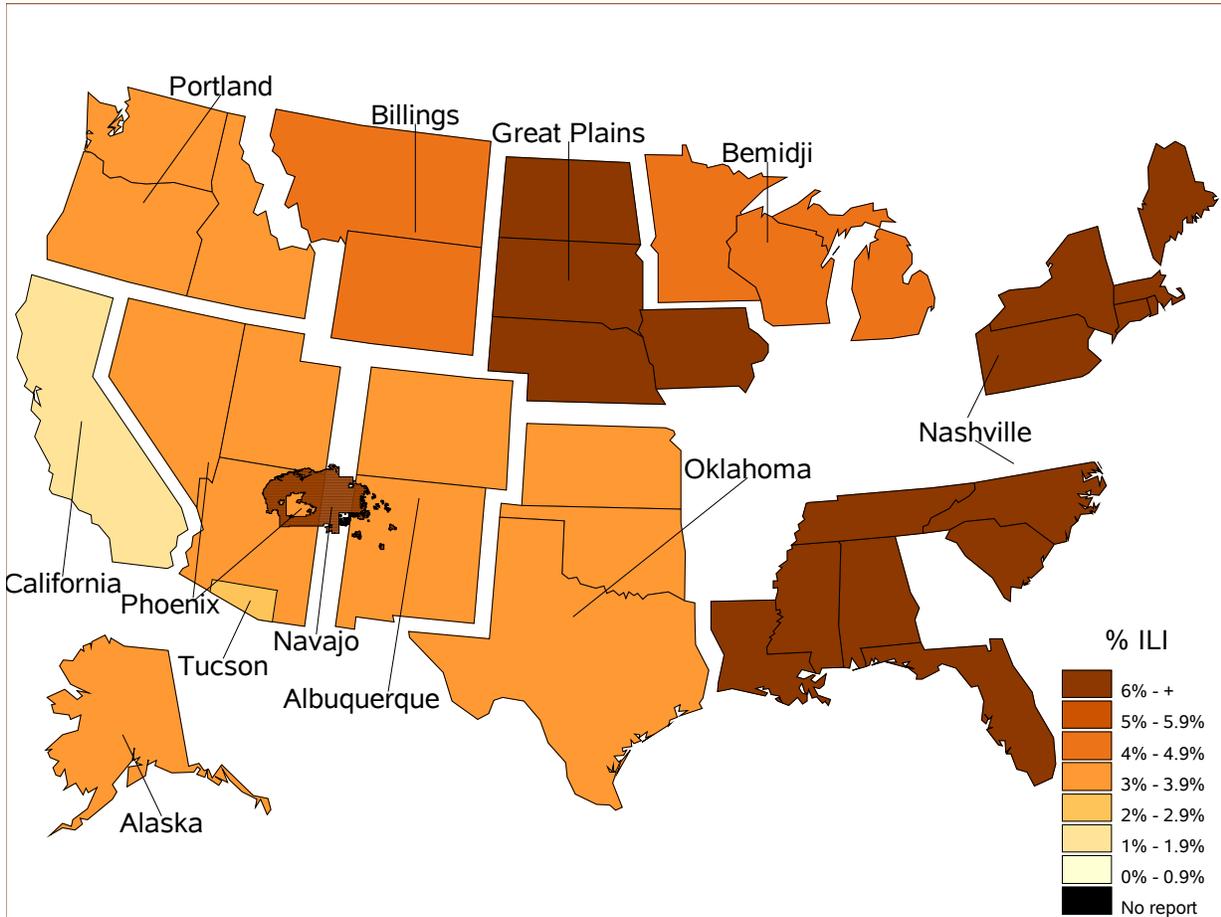
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2018-2019 IAS baseline. The ILINet baseline value for 2018-2019 is 2.2.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.  
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IAS - IHS Influenza Awareness System

Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous  
 Percentage of Visits for ILI per week  
 IAS vs. ILINet  
 9/30/12 to 02/09/2019



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2018-2019 IAS baseline. The ILINet baseline value for 2018-2019 is 2.2.  
 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, IAS - IHS Influenza Awareness System

Percentage of Influenza-Like Illness Visits by Region  
For Week: 06



% Visits for ILI Compared to Previous Week

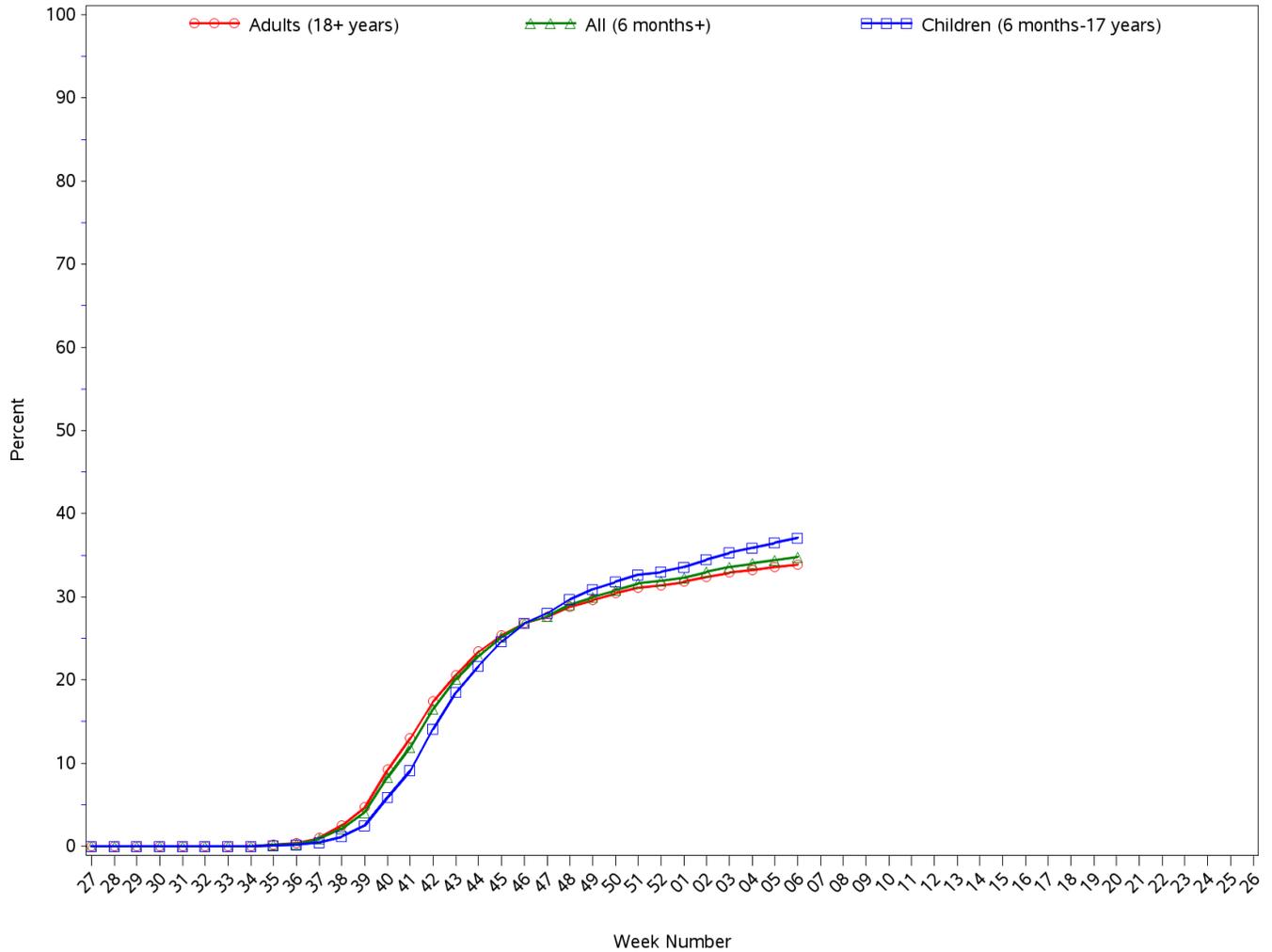
IHS Areas	Previous Week (5)	Current Week (6)
NATIONAL	4.4	4.8
ALASKA	2.0	3.6
ALBUQUERQUE	2.2	3.7
BEMIDJI	4.6	4.1
BILLINGS	3.1	4.6
CALIFORNIA	0.7	1.5
GREAT PLAINS	6.3	6.7
NASHVILLE	7.3	7.9
NAVAJO	7.0	6.0
OKLAHOMA	3.0	3.9
PHOENIX	4.1	3.7
PORTLAND	2.5	3.4
TUCSON	2.2	2.0

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

# IHS Influenza Vaccination Surveillance

As of 02/09/2019, sites reporting to the IIAS have administered 294,796 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  
07/01/2018 to 02/09/2019



## 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	3,594	26	0.7	4	0.1	30
6 - 23 months	16,792	9,717	57.9	2,589	15.4	12,341
2 - 4 years	43,033	14,093	32.7	442	1.0	14,574
5 - 17 years	171,406	61,979	36.2	354	0.2	62,537
18 - 49 years	353,071	94,566	26.8	447	0.1	95,361
50 - 64 years	151,554	62,616	41.3	354	0.2	63,247
65 + years	94,395	46,075	48.8	336	0.4	46,736
Children (6 months-17 years)	231,231	85,789	37.1	3,385	1.5	89,452
Adults (18+ years)	599,020	203,257	33.9	1,137	0.2	205,344
All (6 months+)	830,251	289,046	34.8	4,522	0.5	294,796

\* 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 140 FLU- IIV3pf	CVX 141 FLU- IIV3	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	0	48	351	1	28	0	2,569	415	189	1	55	10	0	0	0	14	3,681
ALB	49	286	142	43	1,579	1	10,671	7,338	649	2,094	178	35	16	0	0	105	23,186
BEM	6	52	124	11	210	39	4,397	3,082	201	336	2	67	0	0	0	39	8,566
BIL	6	154	1,276	1	246	773	11,673	3,261	255	1	5	7	4	0	0	40	17,702
CAO	40	1,229	1,464	2	588	0	3,864	1,712	351	101	482	1	101	0	0	193	10,128
GPA	20	339	1,060	6	759	0	15,406	11,907	535	587	402	88	15	0	0	137	31,261
NSA	49	198	248	5	336	13	5,412	5,423	490	501	23	30	73	0	0	266	13,067
NAV	36	392	2,601	24	692	1	48,301	20,245	2,087	3	316	42	16	0	0	130	74,886
OKC	119	3,085	1,110	10	2,202	37	30,320	10,099	1,355	2,324	67	41	5	0	0	205	50,979
PHX	18	1,677	826	41	466	0	20,677	11,021	707	1,893	12	191	3	0	0	82	37,614
POR	39	249	610	66	233	160	9,187	4,697	442	493	181	416	271	0	0	66	17,110
TUC	3	54	34	4	1	0	7,420	108	12	0	0	4	0	0	0	43	7,683
	385	7,763	9,846	214	7,340	1,024	169,897	79,308	7,273	8,334	1,723	932	504	0	0	1,320	295,863

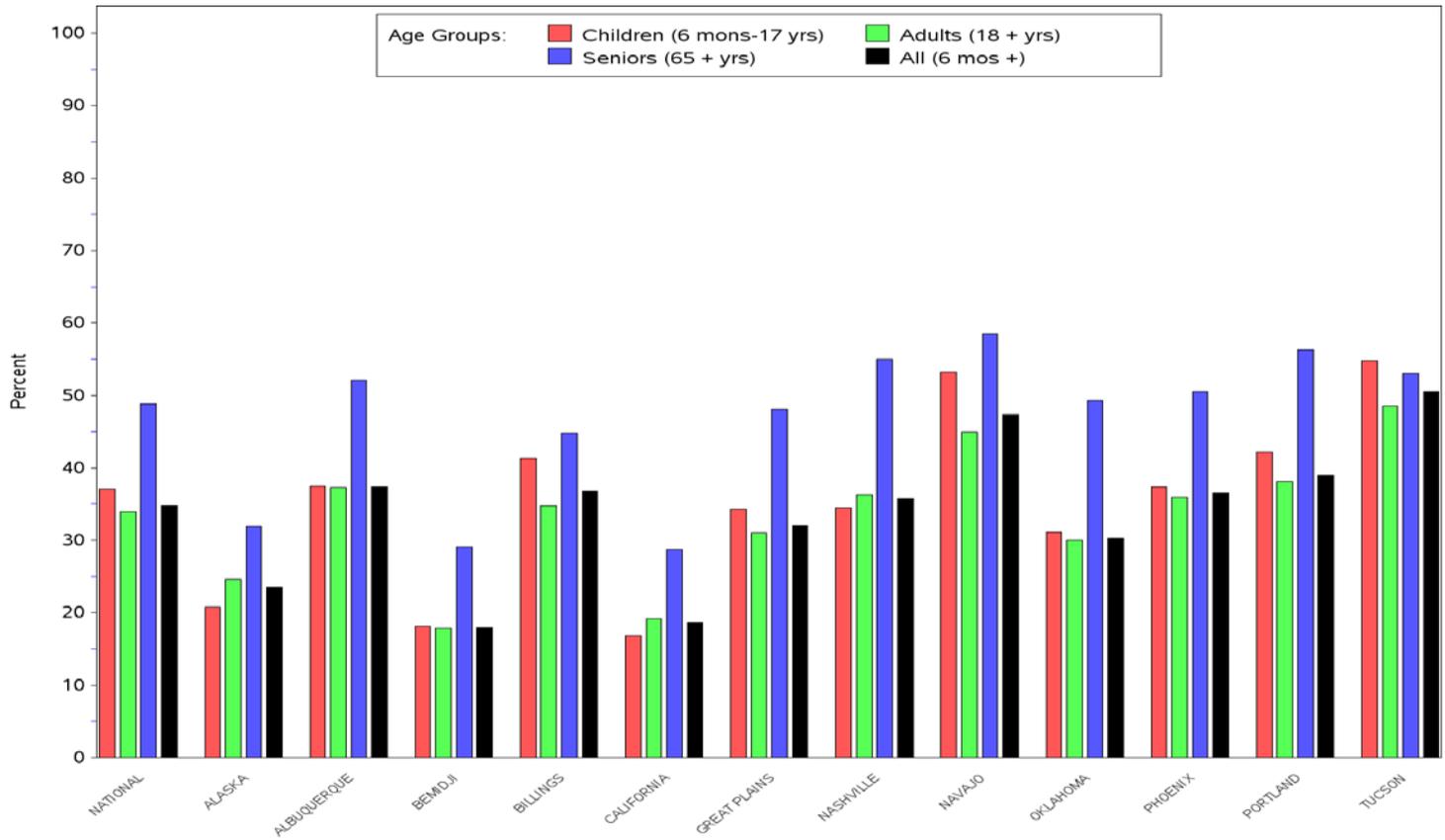
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIV3), 155 (FLU-RIV3), 160 (H5N1, adj) and 166 (FLU-DERM4) should not be used to document flu vaccines given this flu season.

\*\* 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  
 07/01/18 to 02/09/2019



All IHS Areas  
 Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors, and All)  
 % Seasonal Flu (At least 1 dose) for Active Clinical Population  
 07/01/2018 02/09/2019

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	37.1	33.9	48.8	34.8
ALASKA	20.8	24.6	32.0	23.5
ALBUQUERQUE	37.5	37.3	52.1	37.4
BEMIDJI	18.2	17.9	29.1	18.0
BILLINGS	41.3	34.8	44.8	36.8
CALIFORNIA	16.9	19.2	28.7	18.6
GREAT PLAINS	34.3	31.0	48.1	32.1
NASHVILLE	34.5	36.3	55.0	35.8
NAVAJO	53.2	44.9	58.5	47.3
OKLAHOMA	31.1	30.0	49.3	30.3
PHOENIX	37.4	36.0	50.5	36.5
PORTLAND	42.2	38.1	56.3	39.0
TUCSON	54.8	48.6	53.0	50.5

## Number of RPMS Databases Reporting for Week 06, 2019

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	133	227
ALASKA	4	25
ALBUQUERQUE	10	17
BEMIDJI	4	6
BILLINGS	12	19
CALIFORNIA	15	22
GREAT PLAINS	16	31
NASHVILLE	19	23
NAVAJO	7	19
OKLAHOMA	18	25
PHOENIX	12	20
PORTLAND	15	16
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.