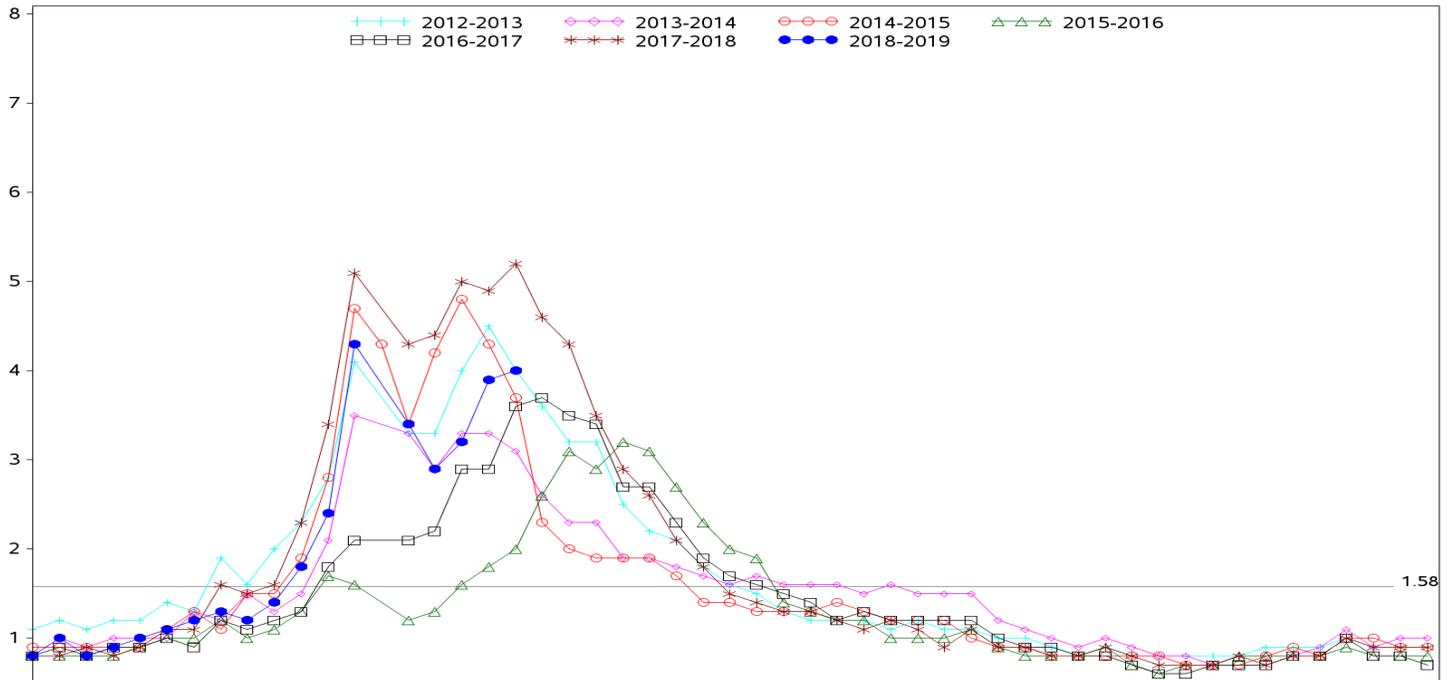




**Indian Health Service**  
Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**(Week 05: 01/27/2019 –02/02/2019)**

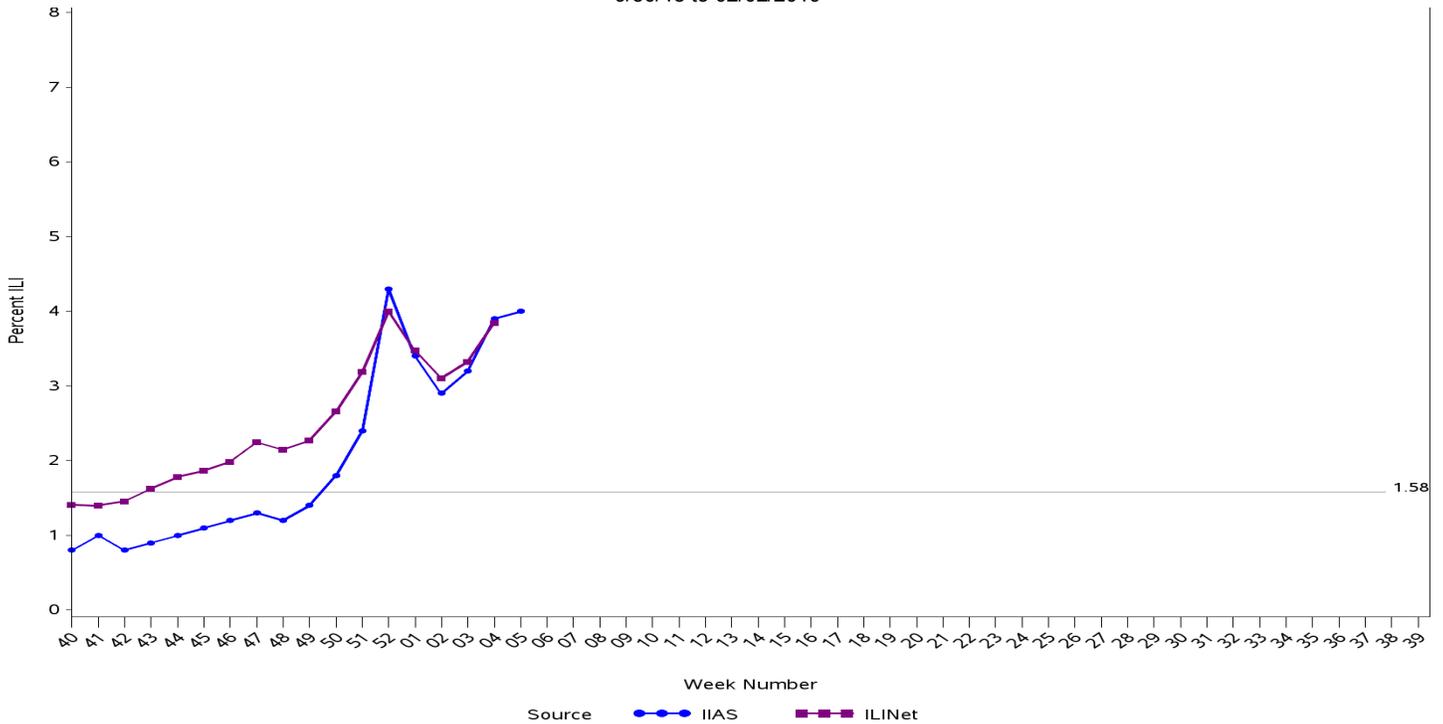
- Influenza-like-illness (ILI) activity in IHS is high and is at 4.0%, above the IHS baseline of 1.58%
  - Eleven IHS Areas reported having elevated ILI activity
- National ILI activity reported by CDC was elevated
  - CDC's ILINet ILI activity for week 4 was 3.8% and is above the ILINet baseline (2.2%) and the IHS baseline (1.58%).
- To date, IHS has administered approximately 291,000 doses of influenza vaccine.
- Overall, 34.4% 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 02/02/2019



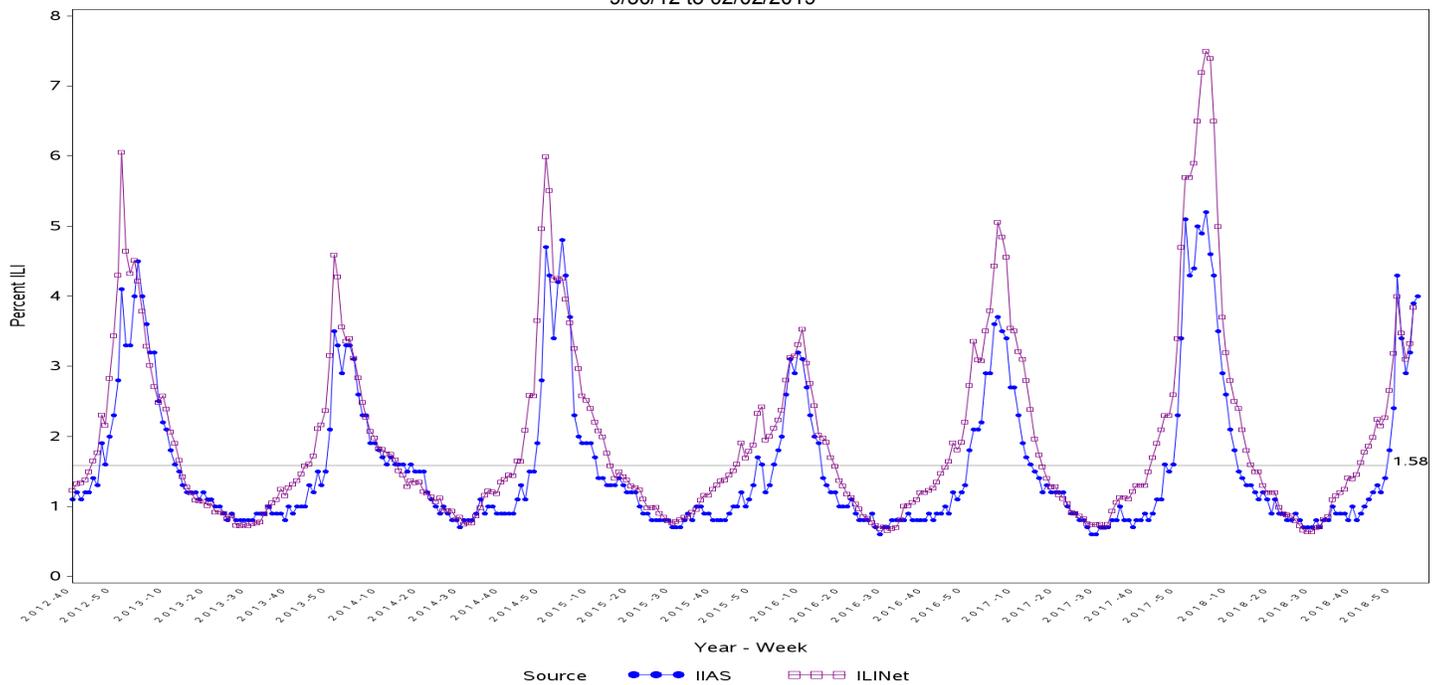
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.  
Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the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



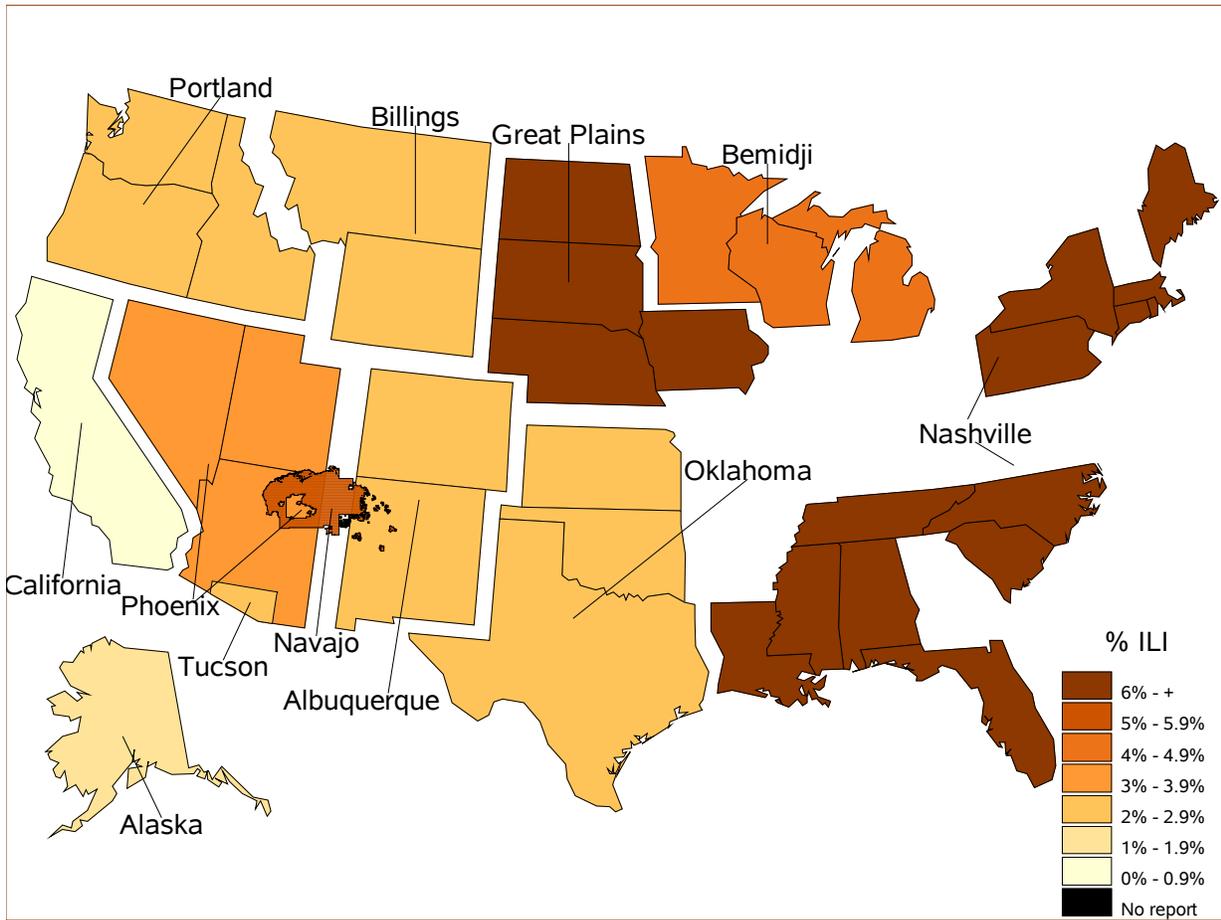
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2018-2019 IIAS baseline. The ILINet baseline value for 2018-2019 is 2.2.  
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the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

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



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 Influenza-Like Illness Visits by Region  
For Week: 05



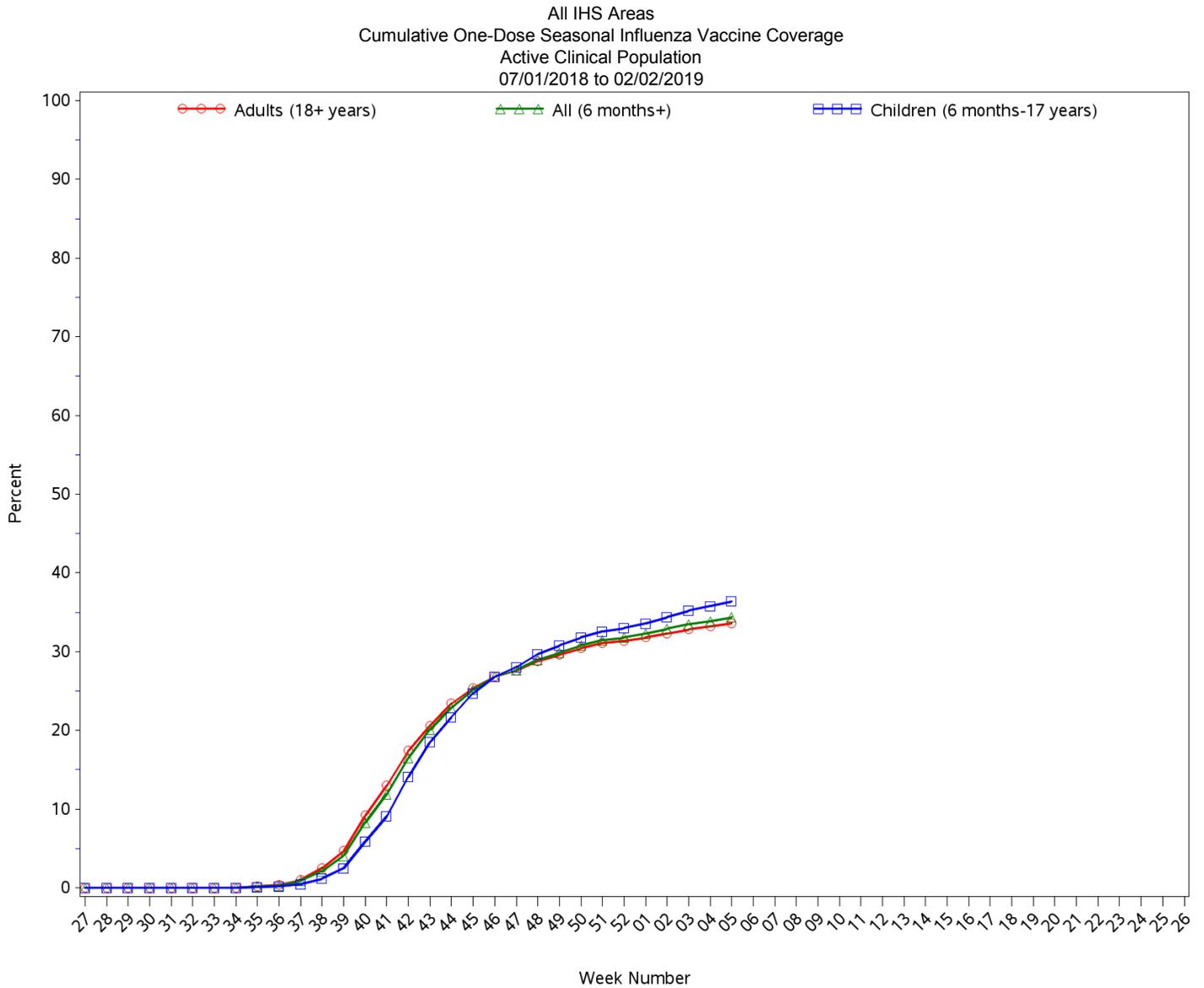
% Visits for ILI Compared to Previous Week

IHS Areas	Previous Week (4)	Current Week (5)
NATIONAL	3.9	4.0
ALASKA	2.5	1.6
ALBUQUERQUE	3.4	2.3
BEMIDJI	4.0	4.4
BILLINGS	2.5	2.7
CALIFORNIA	1.8	0.6
GREAT PLAINS	4.5	6.0
NASHVILLE	5.5	6.9
NAVAJO	5.4	5.8
OKLAHOMA	2.3	2.7
PHOENIX	4.4	3.8
PORTLAND	2.9	2.0
TUCSON	1.8	2.1

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

# IHS Influenza Vaccination Surveillance

As of 02/02/2019, sites reporting to the IIAS have administered 291,788 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



## 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	3,591	24	0.7	4	0.1	28
6 - 23 months	16,785	9,450	56.3	2,401	14.3	11,883
2 - 4 years	43,035	13,805	32.1	412	1.0	14,253
5 - 17 years	171,397	61,021	35.6	337	0.2	61,551
18 - 49 years	353,103	93,277	26.4	433	0.1	94,053
50 - 64 years	151,545	61,986	40.9	341	0.2	62,594
65 + years	94,391	45,757	48.5	331	0.4	46,410
Children (6 months-17 years)	231,217	84,276	36.4	3,150	1.4	87,687
Adults (18+ years)	599,039	201,020	33.6	1,105	0.2	203,057
All (6 months+)	830,256	285,296	34.4	4,255	0.5	290,744

\* 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- IIV3 pf	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	339	1	27	0	2,507	413	178	1	55	10	0	0	0	14	3,593
ALB	49	281	142	42	1,553	1	10,470	7,276	632	2,088	178	33	16	0	0	102	22,863
BEM	6	52	124	11	208	39	4,374	3,054	195	336	2	61	0	0	0	38	8,500
BIL	6	146	1,273	1	242	769	11,485	3,208	245	1	5	7	4	0	0	40	17,432
CAO	35	1,217	1,453	2	570	0	3,789	1,681	338	100	474	1	98	0	0	191	9,949
GPA	20	336	1,056	6	738	0	15,232	11,773	524	580	402	83	15	0	0	133	30,898
NSA	47	198	248	5	334	13	5,329	5,378	480	499	23	30	73	0	0	266	12,923
NAV	34	373	2,585	23	678	1	47,637	20,062	2,003	3	313	41	15	0	0	129	73,897
OKC	117	3,033	1,105	10	2,168	37	29,846	10,012	1,344	2,313	64	41	5	0	0	203	50,298
PHX	16	1,651	822	41	459	0	20,275	10,904	683	1,881	12	191	3	0	0	80	37,018
POR	39	246	608	61	229	160	9,051	4,628	426	493	179	415	269	0	0	64	16,868
TUC	3	53	33	3	1	0	7,291	108	11	0	0	3	0	0	0	43	7,549
	<b>372</b>	<b>7,634</b>	<b>9,788</b>	<b>206</b>	<b>7,207</b>	<b>1,020</b>	<b>167,286</b>	<b>78,497</b>	<b>7,059</b>	<b>8,295</b>	<b>1,707</b>	<b>916</b>	<b>498</b>	<b>0</b>	<b>0</b>	<b>1,303</b>	<b>291,788</b>

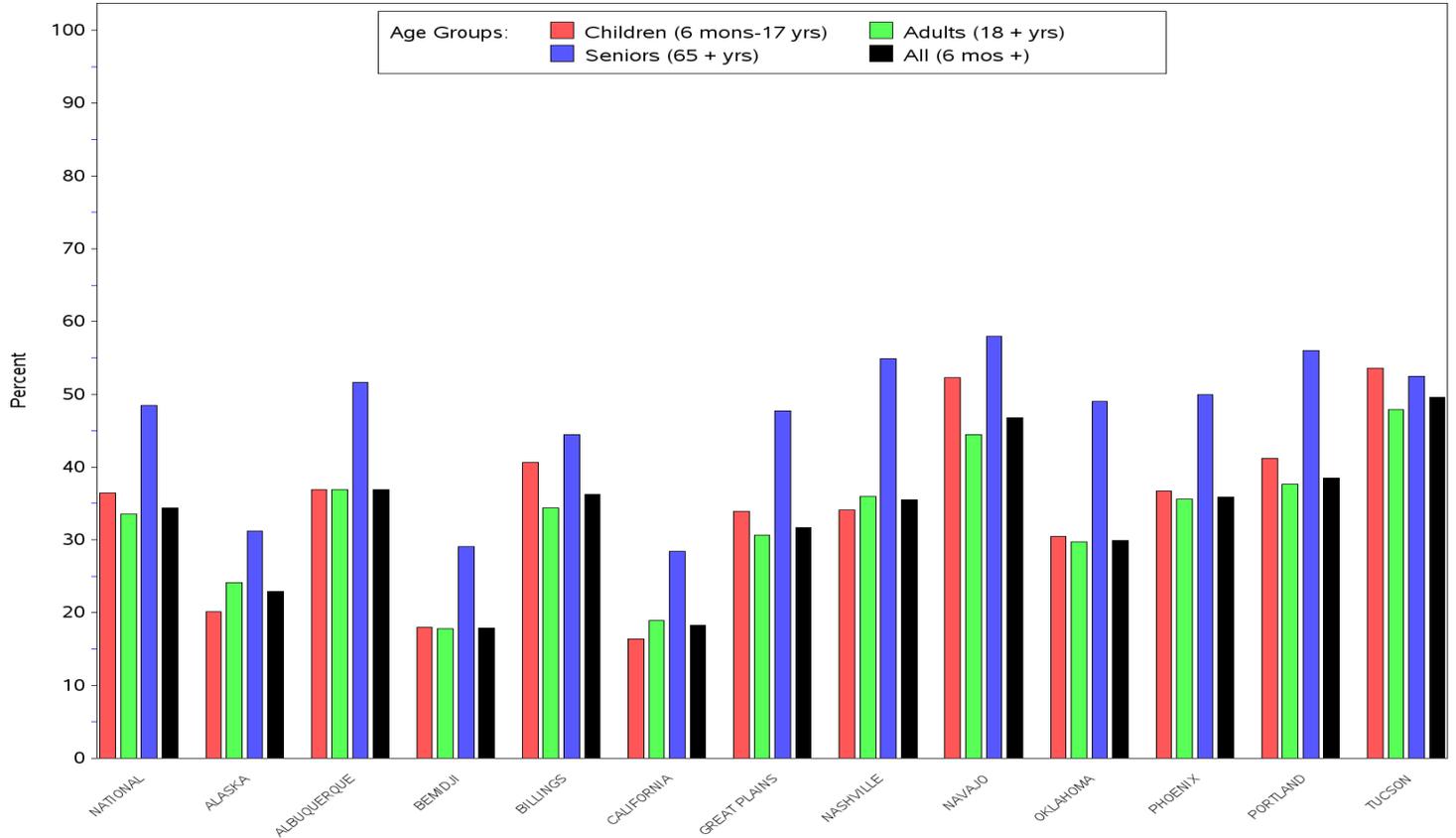
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-cclIV3), 155 (FLU-RIV3), 160 (H5N1, adj) and 166 (FLU-DERM4) should not be used to document flu vaccines given this flu season.

\*\* 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 02/02/2019



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 to 02/02/2019

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons+)
NATIONAL	36.4	33.6	48.5	34.4
ALASKA	20.1	24.1	31.2	22.9
ALBUQUERQUE	36.9	36.9	51.6	36.9
BEMIDJI	18.0	17.8	29.1	17.9
BILLINGS	40.6	34.4	44.5	36.3
CALIFORNIA	16.4	18.9	28.4	18.3
GREAT PLAINS	33.9	30.7	47.7	31.7
NASHVILLE	34.1	36.0	54.9	35.5
NAVAJO	52.3	44.5	58.0	46.8
OKLAHOMA	30.5	29.7	49.0	29.9
PHOENIX	36.7	35.6	50.0	35.9
PORTLAND	41.2	37.7	56.0	38.5
TUCSON	53.6	47.9	52.5	49.6

## Number of RPMS Databases Reporting for Week 05, 2019

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	134	233
ALASKA	4	28
ALBUQUERQUE	10	17
BEMIDJI	4	6
BILLINGS	12	19
CALIFORNIA	15	23
GREAT PLAINS	16	32
NASHVILLE	19	23
NAVAJO	7	19
OKLAHOMA	18	25
PHOENIX	13	21
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.