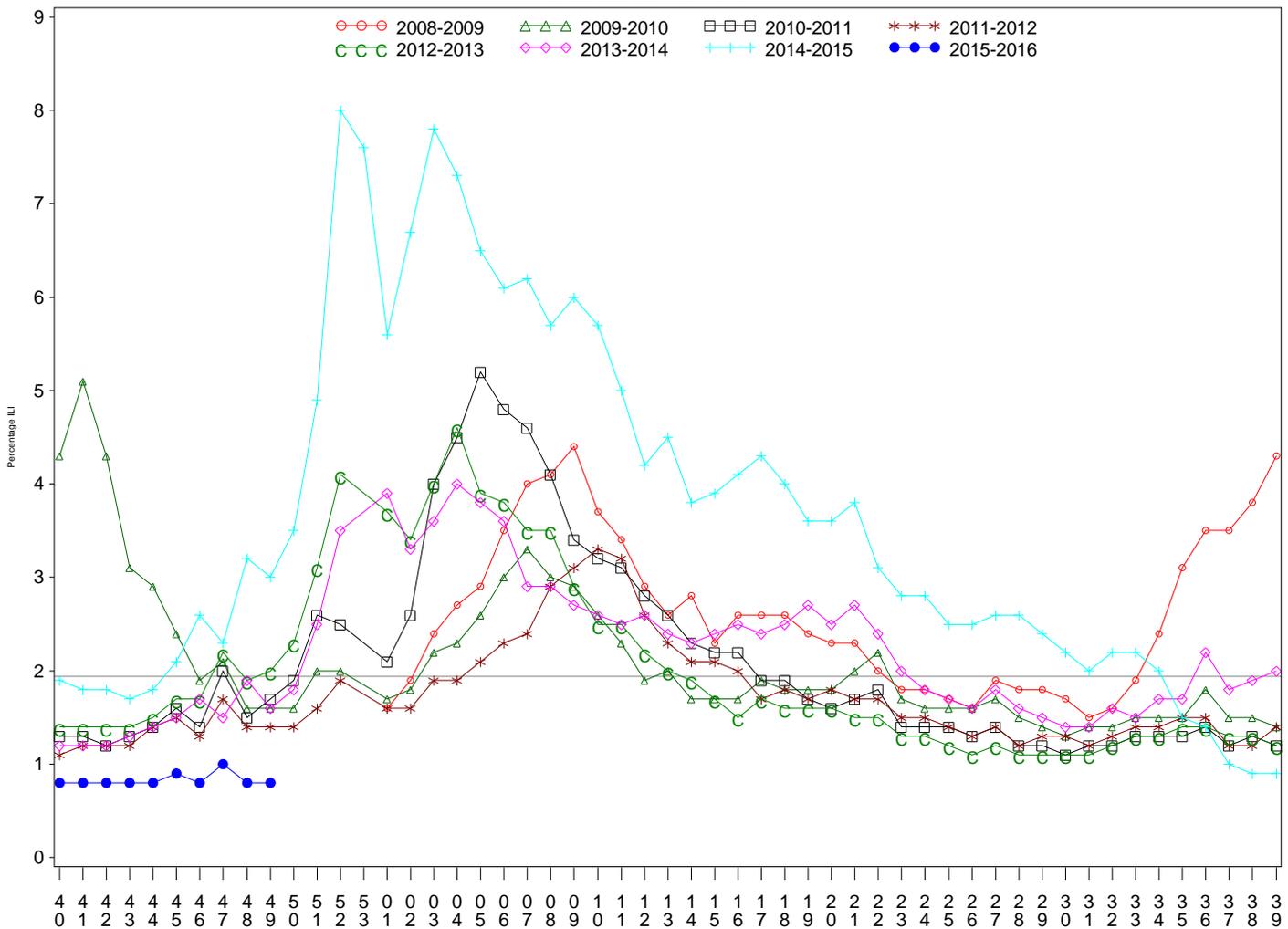




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 49: 12/06/2015 – 12/12/2015)**

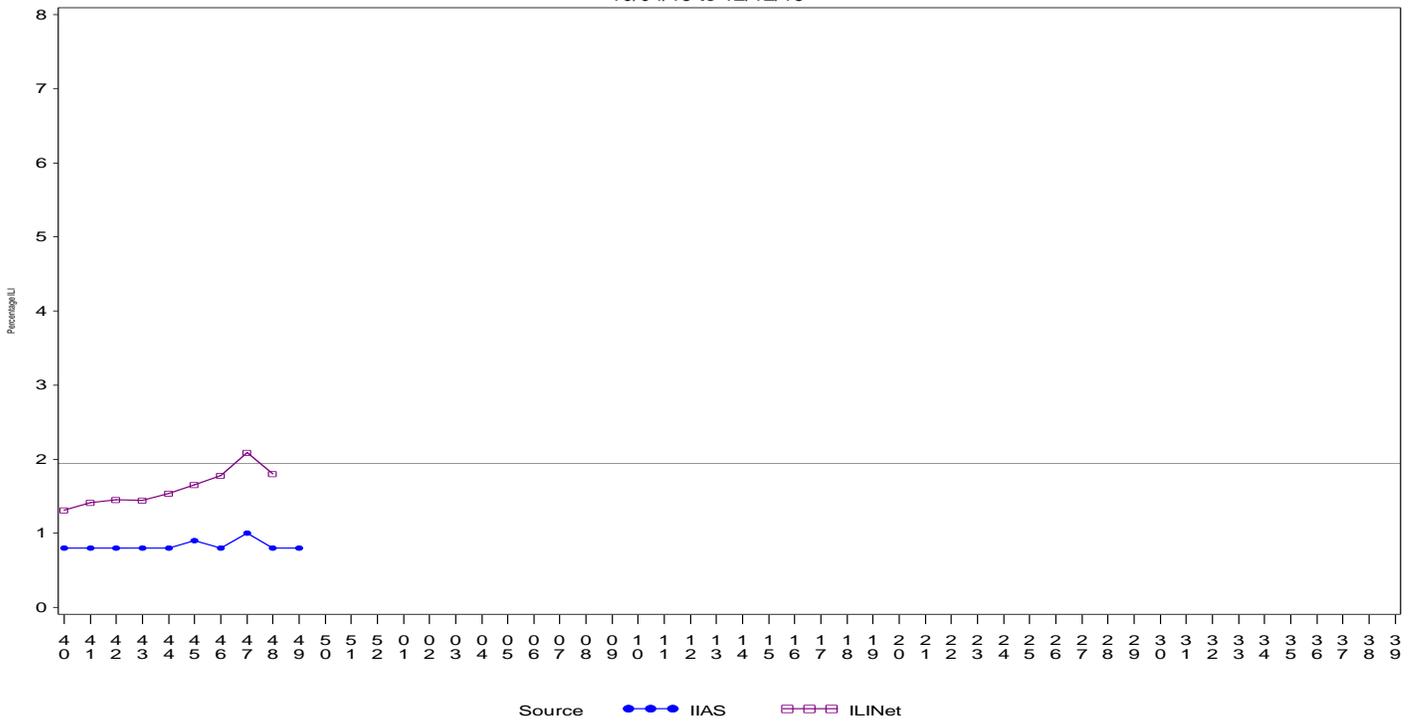
- Influenza-like-illness (ILI) activity in IHS and the U.S. is low, and below the national baseline.
- To date IHS has administered over 286,000 doses of influenza vaccine.
- Overall, 26.2% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas  
 Influenza-Like Illness (ILI) for All Surveillance Years  
 Percentage of Visits for ILI per week  
 01/04/09 to 12/12/15



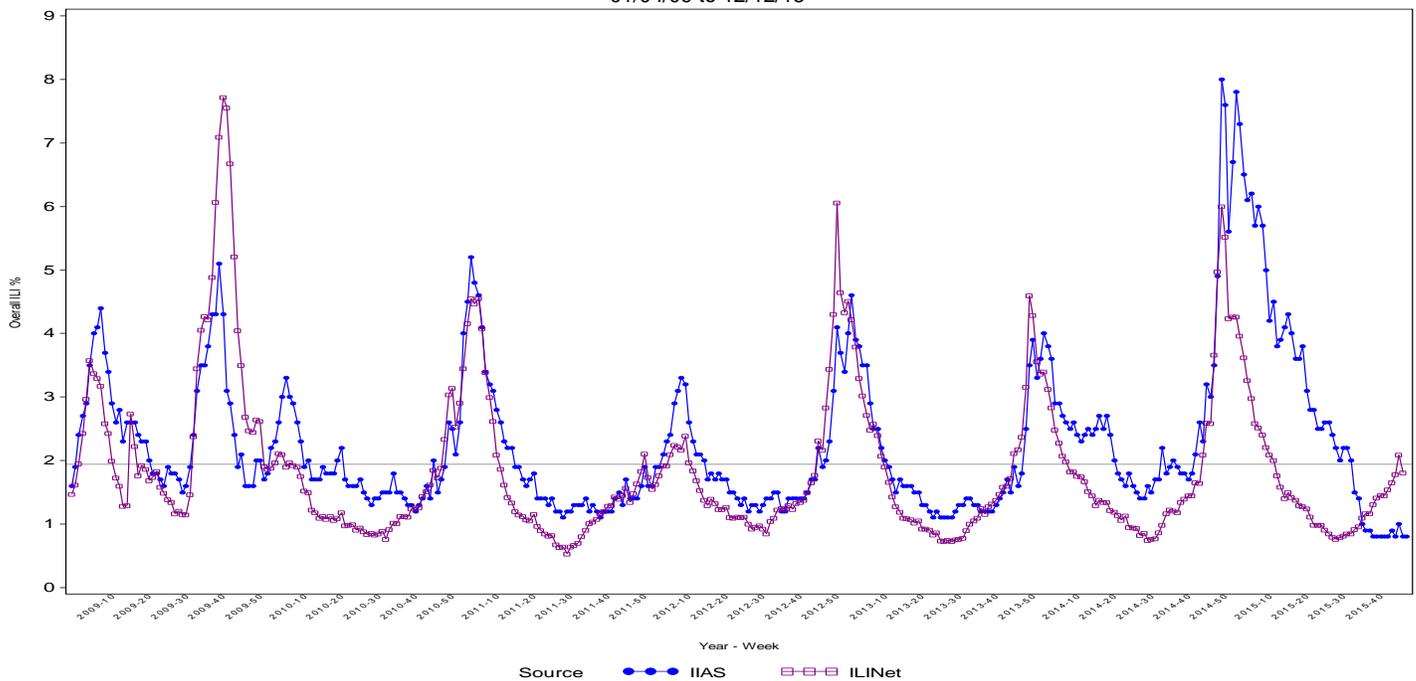
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2014-2015 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.  
 Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)  
 Percent ILI for Flu Year 2015 - 2016  
 ILINet vs. IIAS  
 10/04/15 to 12/12/15



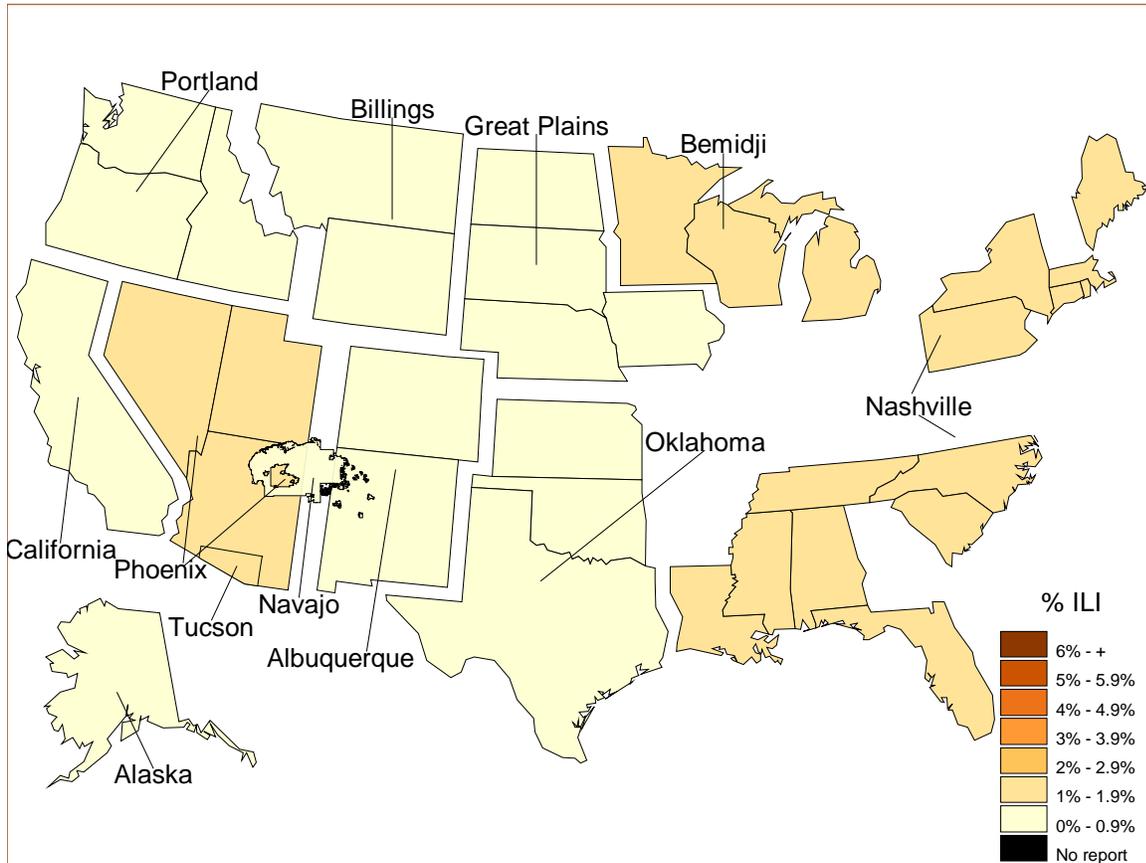
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2014-2015 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

IIAS versus ILINet  
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
 Percentage of Visits for ILI per week  
 01/04/09 to 12/12/15



Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2014-2015 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Percentage of Influenza-Like Illness Visits by IHS Area  
For Week: 49



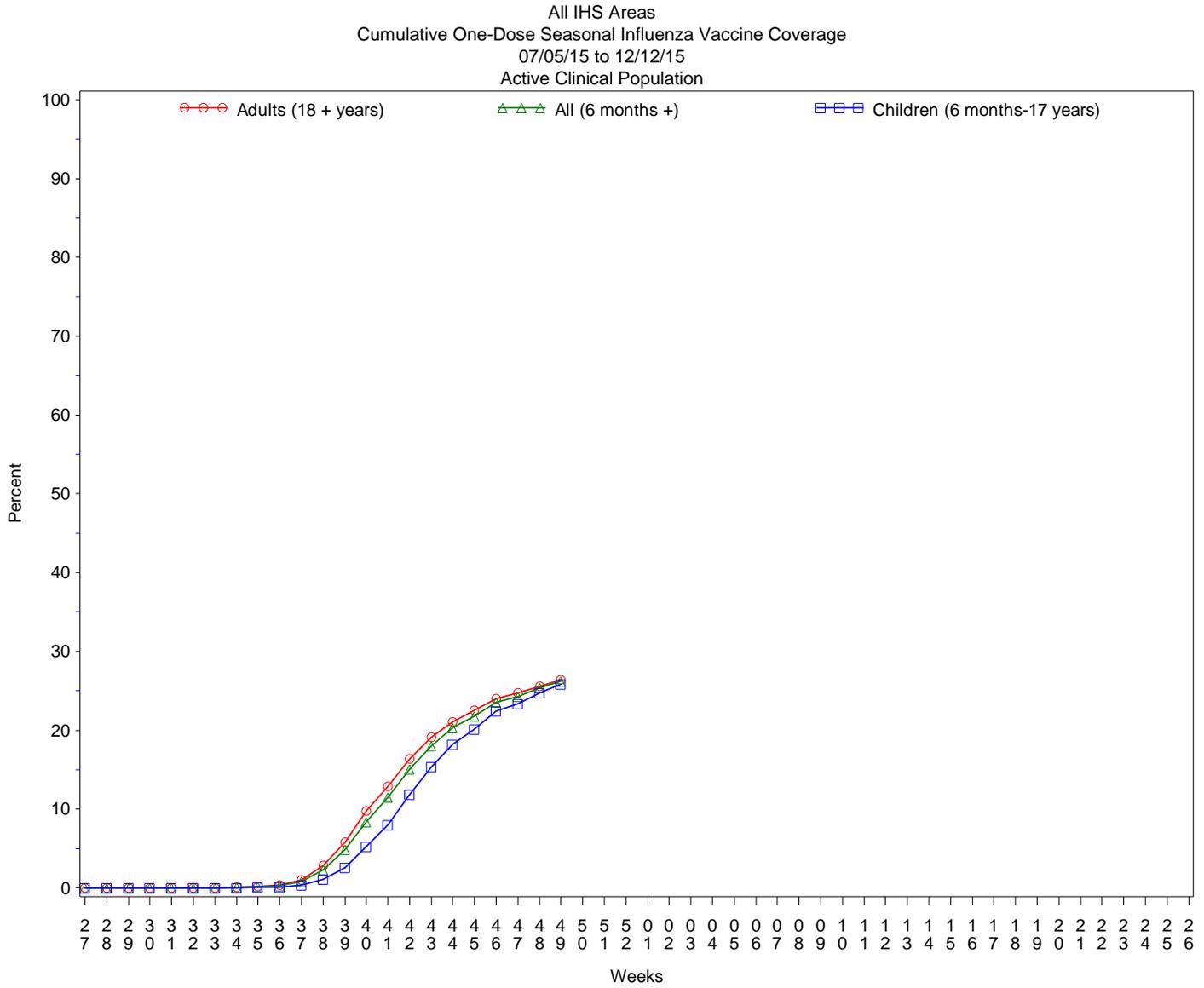
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 48	% in Week 49
NATIONAL	0.8	0.8
ALASKA	0.7	0.7
ALBUQUERQUE	0.6	0.5
BEMIDJI	1.3	1.2
BILLINGS	0.8	0.8
CALIFORNIA	0.6	0.7
GREAT PLAINS	0.9	0.8
NASHVILLE	0.9	1.2
NAVAJO	0.9	0.8
OKLAHOMA	0.6	0.5
PHOENIX	1.0	1.0
PORTLAND	0.4	0.4
TUCSON	1.4	1.3

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

## IHS Influenza Vaccination Surveillance

- As of 12/12/2015, sites reporting to the IIAS have administered 286,867 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients. This is lower than the total number of doses administered this time last year.



## 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	4,976	65	1.3	24	0.5	90
6 - 23 months	24,305	8,874	36.5	1,122	4.6	10,022
2 - 4 years	59,809	13,154	22.0	141	0.2	13,378
5 - 17 years	224,073	57,461	25.6	317	0.1	58,141
18 - 49 years	465,472	95,062	20.4	449	0.1	96,278
50 - 64 years	192,671	64,131	33.3	341	0.2	64,976
65 + years	108,780	43,329	39.8	346	0.3	44,072
Children (6 months-17 years)	308,187	79,489	25.8	1,580	0.5	81,541
Adults (18 + years)	766,923	202,522	26.4	1,136	0.1	205,326
All (6 months +)	1,075,110	282,011	26.2	2,716	0.3	286,867

\* Limited to sites that exported both doses administered and 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 Vaccination Doses Administered by Influenza Vaccination Type\*

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 111 FLU-LAIV3	CVX 135 FLU-HIGH	CVX 140 FLU-IIV3pf	CVX 141 FLU-IIV3	CVX 144 FLU-DER-MAL	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 153 FLU-cclIV3	CVX 155 FLU-RIV3	CVX 158 IIV4	CVX 161 IIV4pf-ped	CVX 166	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	12	121	2	178	147	840	3	631	3536	65	.	3079	283	4	.	4	92	8997
ALB	26	100	7	1346	4098	11725	1	1696	922	1	184	1197	525	8	.	11	342	22189
BEM	118	49	4	319	372	5626	88	640	1293	2	2	710	203	2	.	65	97	9590
BIL	6	131	4	1016	6964	3619	1	1519	2982	.	.	593	277	1	.	15	124	17252
CAO	94	218	3	1227	2064	4612	9	1232	4530	.	.	4055	411	13	.	16	248	18732
GPA	171	360	37	500	4577	13534	1	1504	3306	1	4	3850	981	3	.	31	67	28927
NSA	1	84	.	222	1291	5785	136	315	2726	1	8	241	64	255	.	6	133	11268
NAV	106	195	.	844	294	58754	1	838	7725	1	2	3557	1303	100	.	72	509	74301
OKC	462	1038	61	1898	1431	25661	33	1317	3565	.	11	1971	591	341	33	40	173	38626
PHX	12	346	2	1745	8673	16304	14	1775	6803	.	5	572	1446	13	2	42	323	38077
POR	21	454	21	846	1850	9677	3	1751	2745	14	8	2426	259	466	.	91	135	20767
TUC	.	84	1	27	4737	335	2	206	883	.	.	5	361	1	.	27	64	6733
	<b>1029</b>	<b>3180</b>	<b>142</b>	<b>10168</b>	<b>36498</b>	<b>156472</b>	<b>292</b>	<b>13424</b>	<b>41016</b>	<b>85</b>	<b>224</b>	<b>22256</b>	<b>6704</b>	<b>1207</b>	<b>35</b>	<b>420</b>	<b>2307</b>	<b>295459</b>

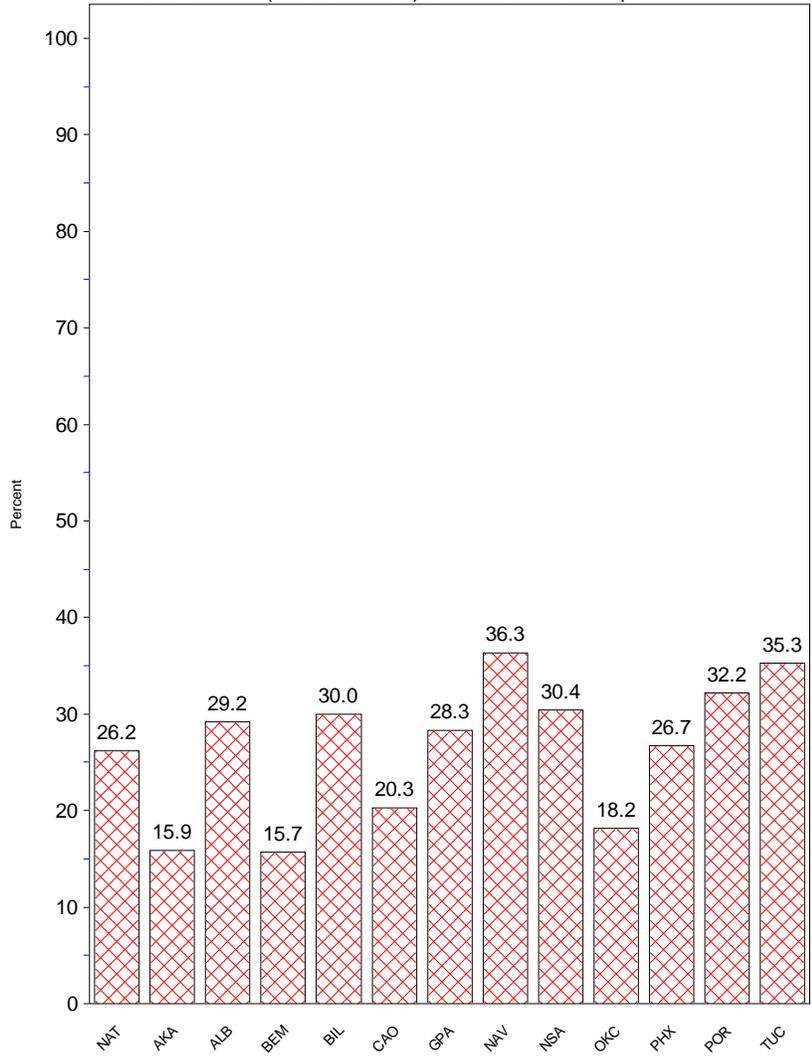
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 123 (FLU-H5N1), and 151 (FLU-NasNOS) should not be used to document flu vaccines given this flu season.

\*\* 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 – All (6 mos+)  
07/05/15 to 12/12/15  
%Seasonal Flu (At least 1 dose) for Active Clinical Population



- This report includes data from the following number of Resource and Patient Management System (RPMS) databases:

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	162	318
ALASKA	11	61
ALBUQUERQUE	13	22
BEMIDJI	5	11
BILLINGS	13	24
CALIFORNIA	20	37
GREAT PLAINS	17	32
NASHVILLE	17	21
NAVAJO	8	24
OKLAHOMA	17	24
PHOENIX	18	31
PORTLAND	21	25
TUCSON	2	6

\* Exporting databases may include data from multiple facilities.

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