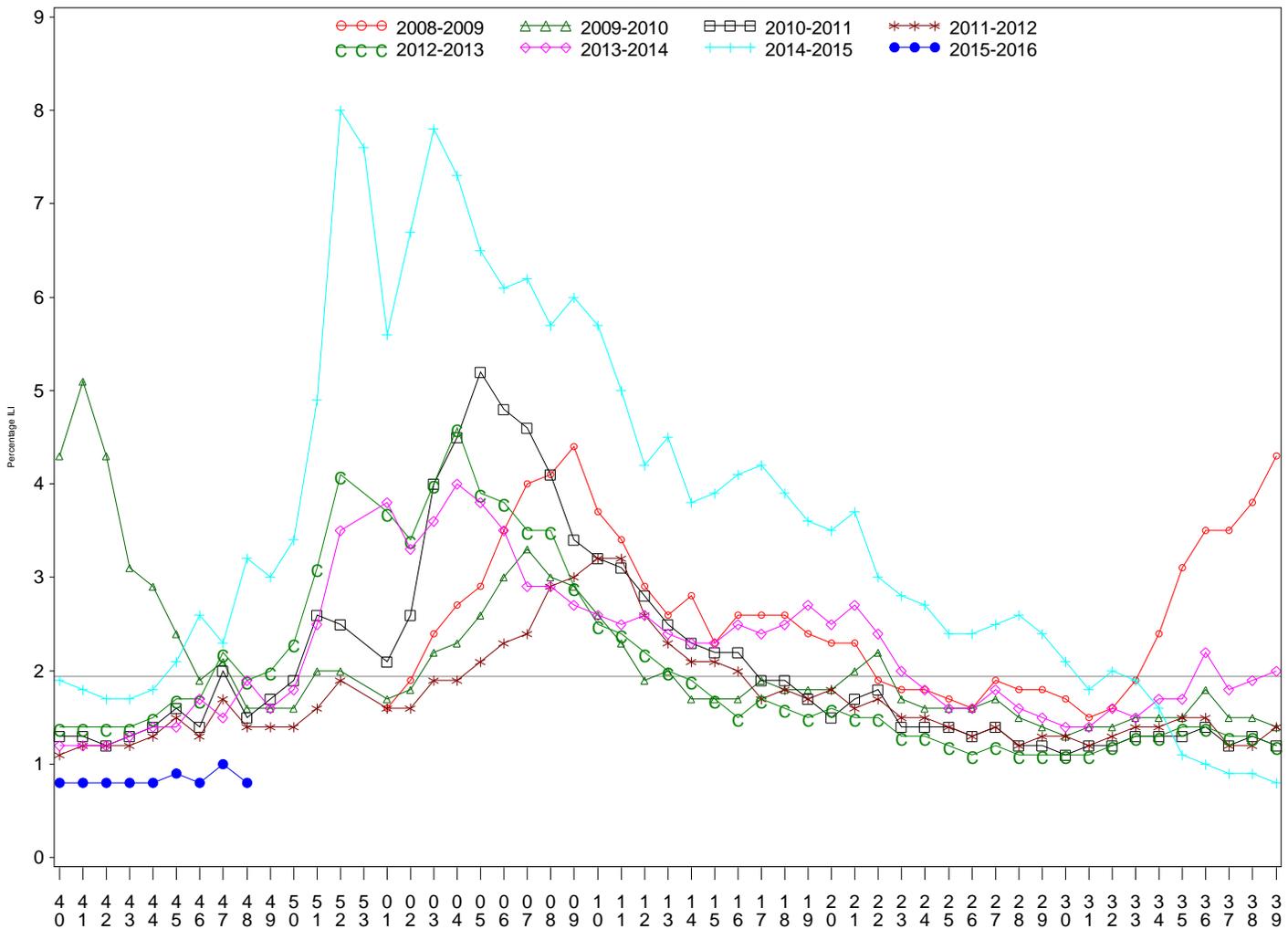




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 48: 11/29/2015 – 12/05/2015)**

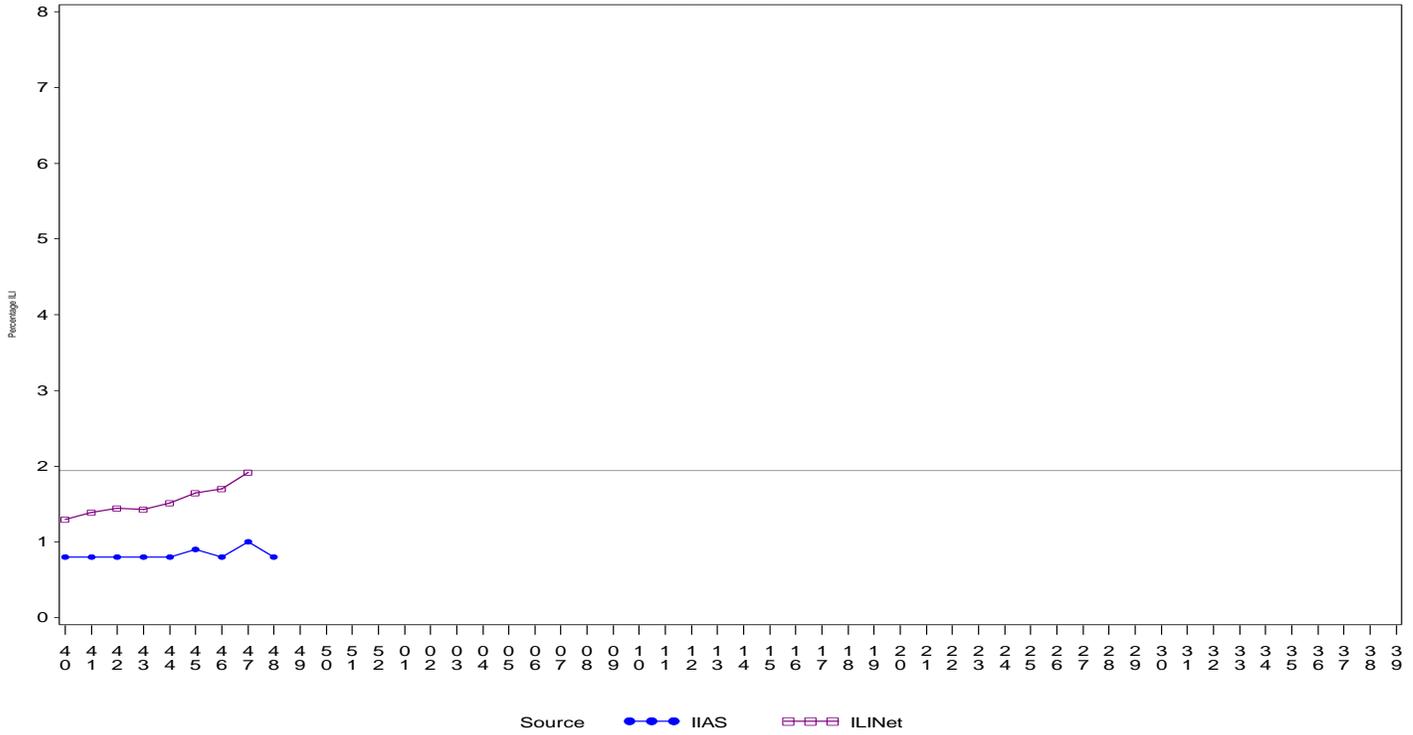
- Influenza-like-illness (ILI) activity in IHS and the U.S. is low, and below the national baseline.
- To date IHS has administered over 274,000 doses of influenza vaccine.
- Overall, 25.1% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas  
 Influenza-Like Illness (ILI) for All Surveillance Years  
 Percentage of Visits for ILI per week  
 01/04/09 to 12/05/15



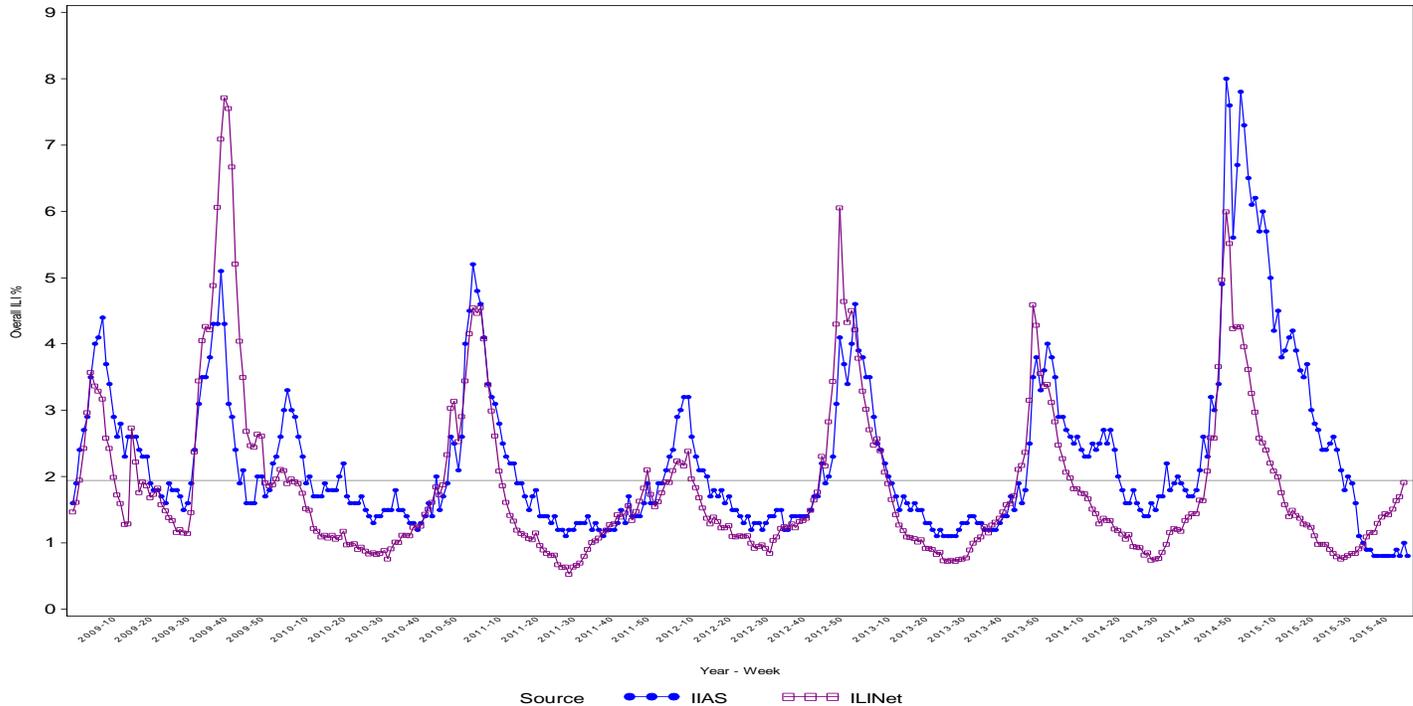
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2014-2015 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.  
 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 12/05/15



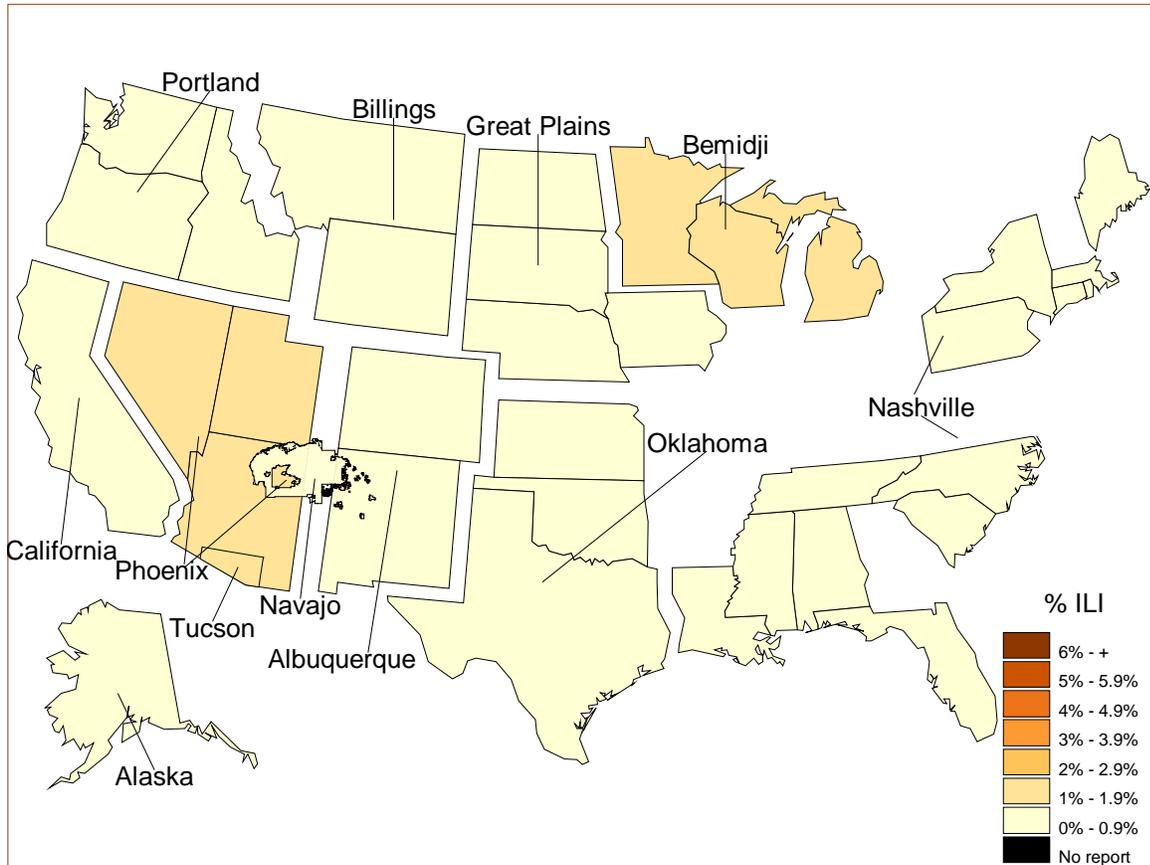
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2014-2015 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard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

IIAS versus ILINet  
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
 Percentage of Visits for ILI per week  
 01/04/09 to 12/05/15



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: 48



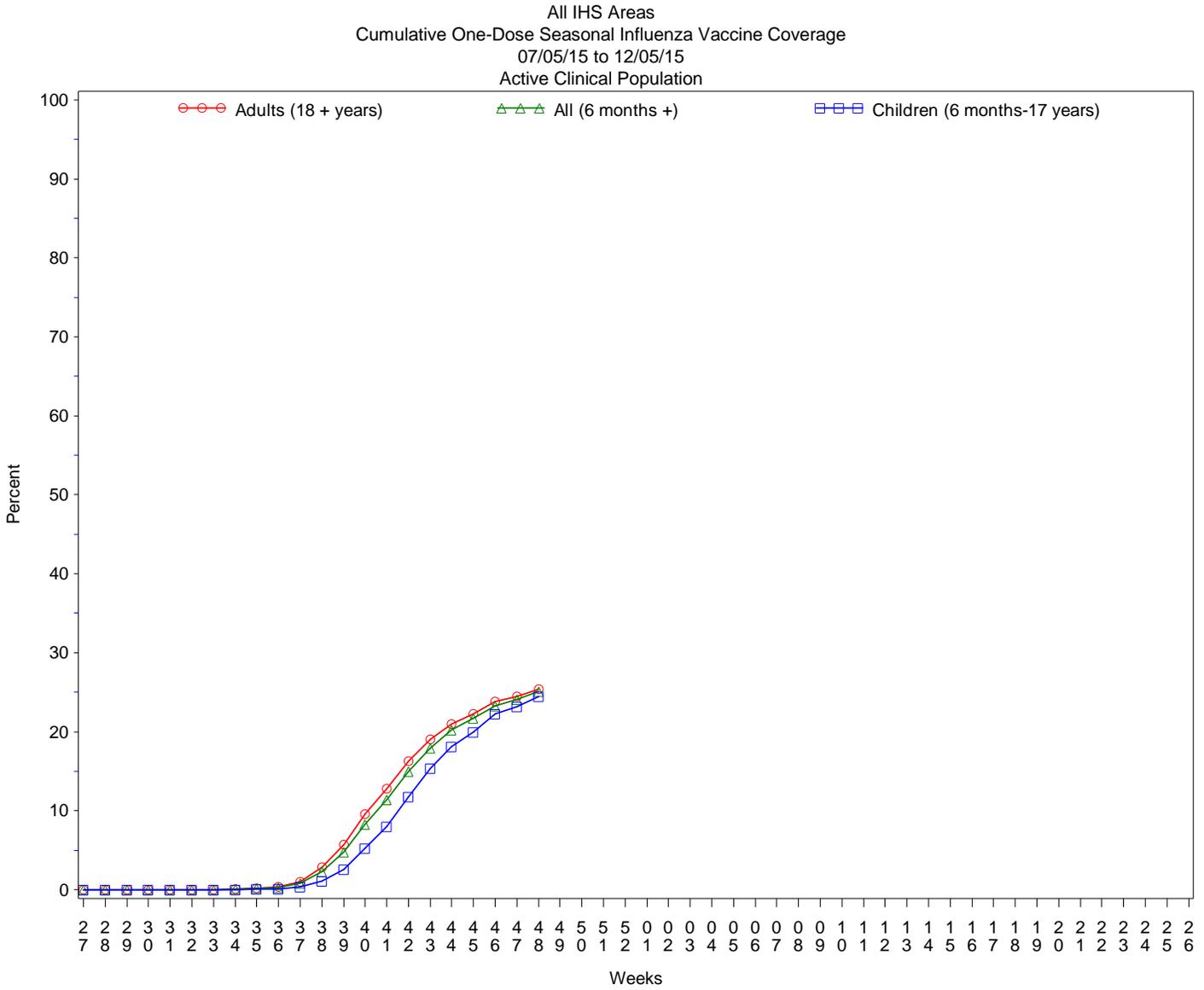
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 47	% in Week 48
NATIONAL	1.0	0.8
ALASKA	1.0	0.6
ALBUQUERQUE	0.7	0.6
BEMIDJI	1.3	1.3
BILLINGS	0.7	0.8
CALIFORNIA	0.5	0.6
GREAT PLAINS	0.9	0.9
NASHVILLE	1.3	0.8
NAVAJO	1.1	0.8
OKLAHOMA	0.7	0.5
PHOENIX	1.2	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 12/05/2015, sites reporting to the IIAS have administered 274,524 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	4,969	63	1.3	22	0.4	86
6 - 23 months	24,315	8,137	33.5	848	3.5	9,009
2 - 4 years	59,785	12,338	20.6	117	0.2	12,532
5 - 17 years	224,041	55,083	24.6	286	0.1	55,716
18 - 49 years	465,391	91,121	19.6	411	0.1	92,279
50 - 64 years	192,663	61,698	32.0	302	0.2	62,494
65 + years	108,759	41,797	38.4	309	0.3	42,494
Children (6 months-17 years)	308,141	75,558	24.5	1,251	0.4	77,257
Adults (18 + years)	766,813	194,616	25.4	1,022	0.1	197,267
All (6 months +)	1,074,954	270,174	25.1	2,273	0.2	274,524

\* 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-DERMAL	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 153 FLU-ccIIV3	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	8	115	2	163	137	805	3	603	3453	65	.	2960	266	4	.	4	92	8680
ALB	25	88	7	1315	3889	10960	1	1573	858	1	178	1148	471	8	.	11	335	20868
BEM	111	47	4	314	358	5496	88	630	1212	2	2	685	198	2	.	65	99	9313
BIL	6	125	4	997	6703	3517	1	1450	2795	.	.	584	251	1	.	15	141	16590
CAO	89	178	3	1182	1975	4358	9	1175	4340	.	.	3933	374	10	.	15	249	17890
GPA	148	351	34	470	4427	13040	1	1439	3137	1	4	3737	935	3	.	31	58	27816
NSA	1	76	.	221	1246	5606	132	302	2660	1	8	234	62	241	.	6	130	10926
NAV	101	175	.	802	286	56559	1	817	7439	1	2	3435	1223	97	.	72	488	71498
OKC	450	891	61	1849	1406	24336	33	1258	3293	.	10	1788	542	310	33	41	169	36470
PHX	11	316	2	1686	8277	15739	14	1598	6336	.	5	554	1250	11	2	42	310	36153
POR	21	434	21	832	1823	9445	3	1669	2645	14	7	2334	250	443	.	93	129	20163
TUC	.	81	1	27	4454	328	1	199	816	.	.	5	313	1	.	26	61	6313
	<b>971</b>	<b>2877</b>	<b>139</b>	<b>9858</b>	<b>34981</b>	<b>150189</b>	<b>287</b>	<b>12713</b>	<b>38984</b>	<b>85</b>	<b>216</b>	<b>21397</b>	<b>6135</b>	<b>1131</b>	<b>35</b>	<b>421</b>	<b>2261</b>	<b>282680</b>

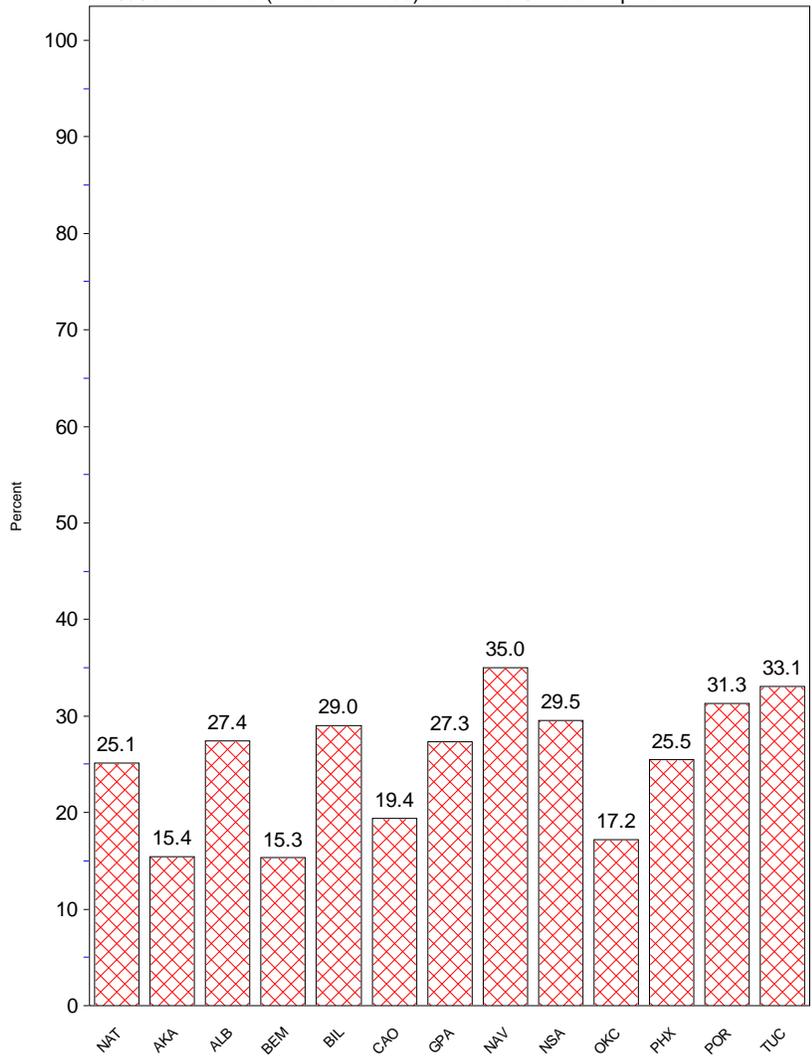
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 123 (FLU-H5N1), and 151 (FLU-NasNOS) should not be used to document flu vaccines given this flu season.

\*\* 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 mons+)  
07/05/15 to 12/05/15  
%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	314
ALASKA	11	64
ALBUQUERQUE	13	22
BEMIDJI	5	11
BILLINGS	13	24
CALIFORNIA	20	35
GREAT PLAINS	18	33
NASHVILLE	17	22
NAVAJO	8	22
OKLAHOMA	17	20
PHOENIX	17	31
PORTLAND	21	25
TUCSON	2	5

\* Exporting databases may include data from multiple facilities.

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