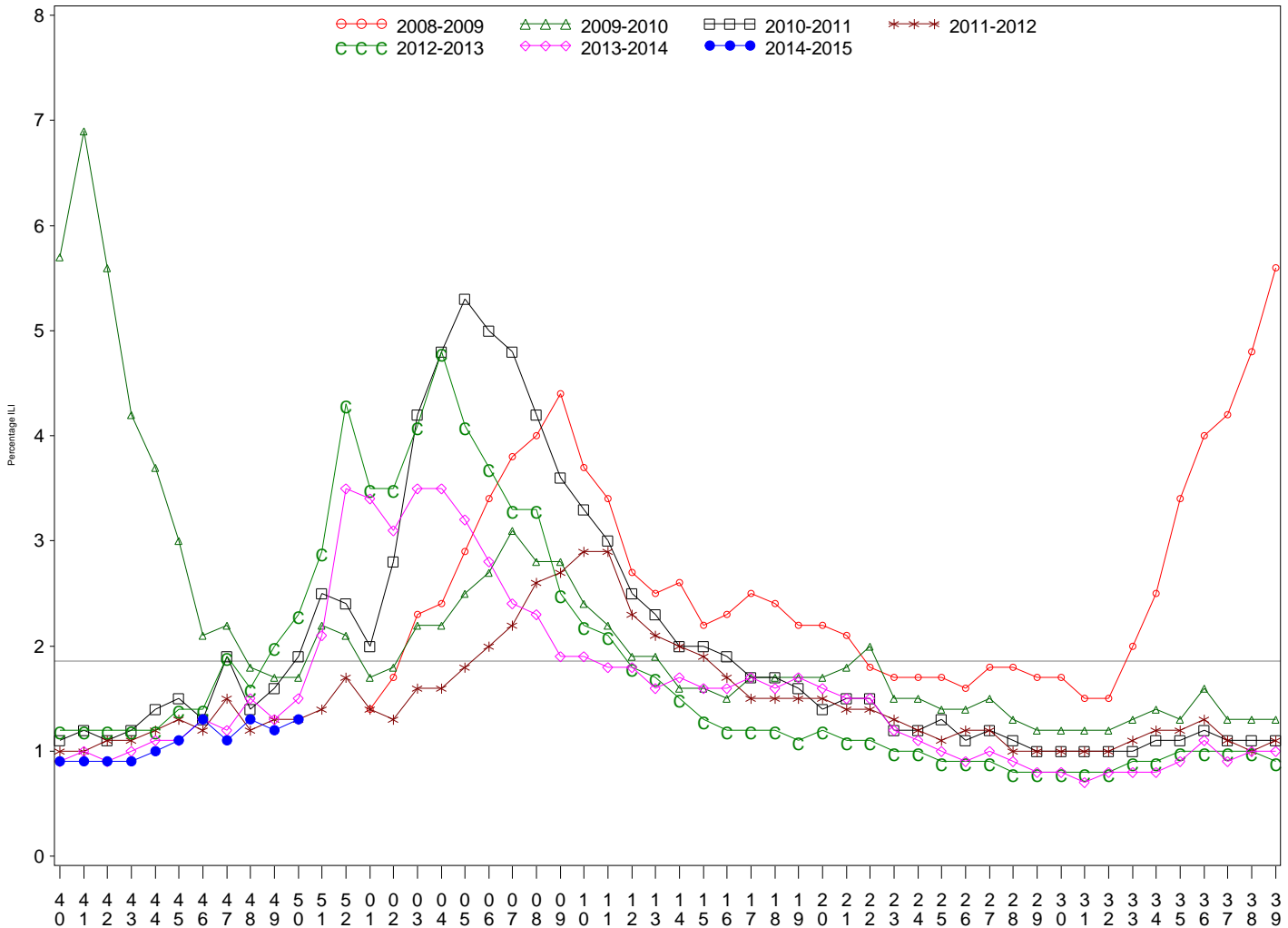




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**#11 (Week 50: 6/29/2014 – 12/13/2014)**

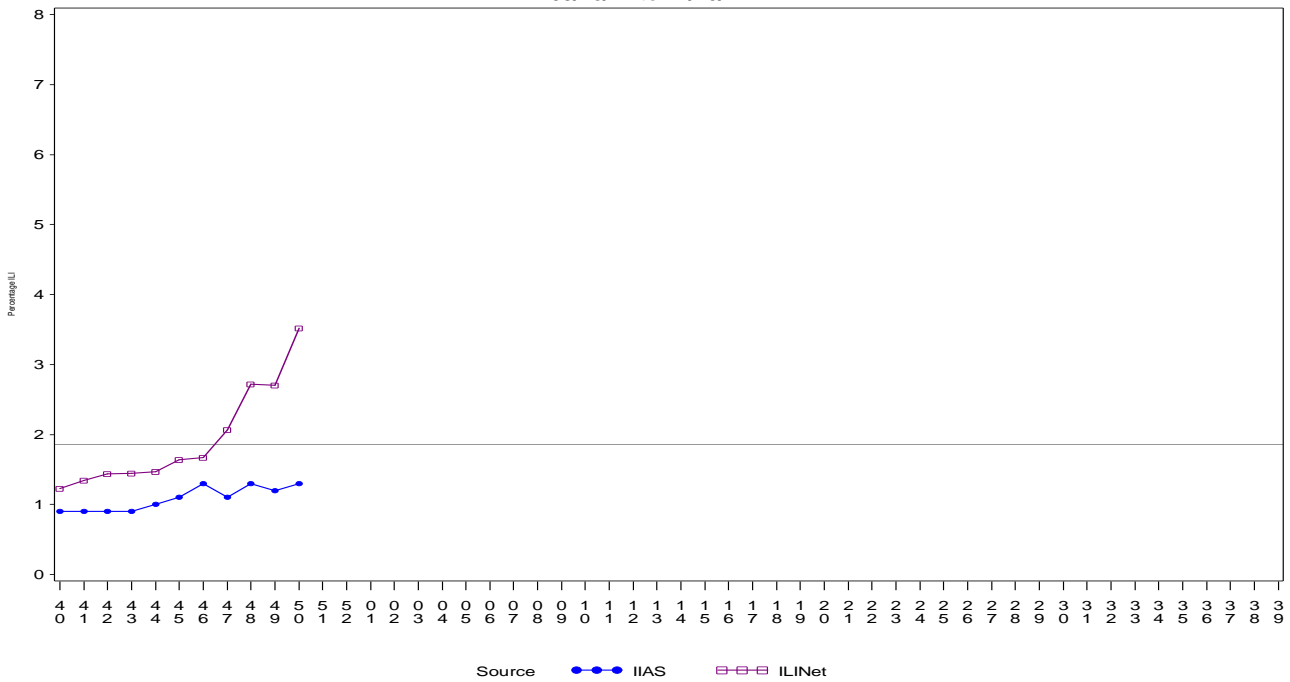
- While influenza-like-illness (ILI) activity in IHS is low, ILI activity in the U.S. is increasing.
- To date IHS has administered over 356,000 influenza vaccines this season.
- Overall, 29.6% of the IHS Active Clinical population received an influenza vaccine this season.

**All IHS Areas**  
**Influenza-Like Illness (ILI) for All Surveillance Years**  
 Percentage of Visits for ILI per week  
 01/04/09 to 12/13/14



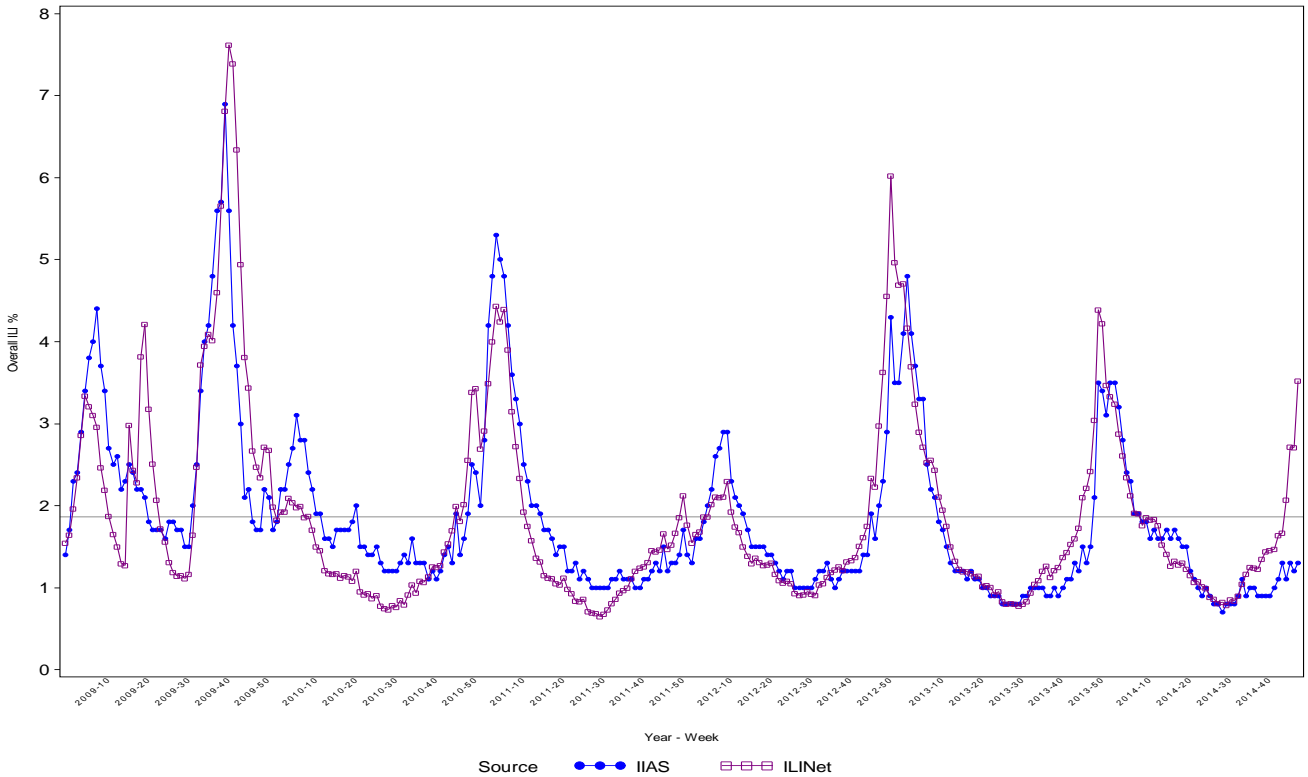
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

**Proportion of Outpatient Visits for Influenza-Like Illness (ILI)**  
**Percent ILI for FluYear 2014 - 2015**  
**ILINet vs. IIAS**  
**09/28/14 to 12/13/14**



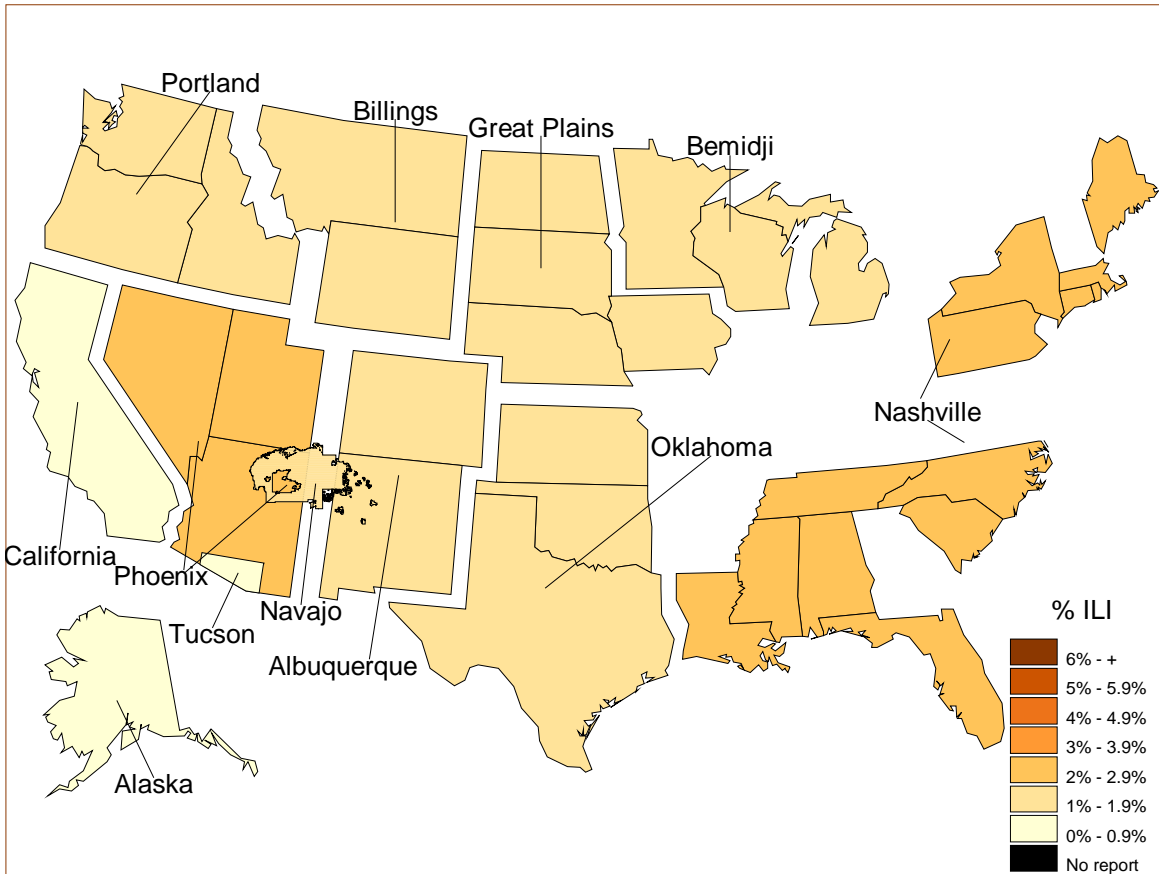
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.  
 Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

**IAS versus ILINet**  
**Influenza-Like Illness (ILI) All Surveillance Years - Continuous**  
**Percentage of Visits for ILI per week**  
**01/04/09 to 12/13/14**



Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).

**Percentage of Influenza-Like Illness Visits by Region  
For Week: 50**



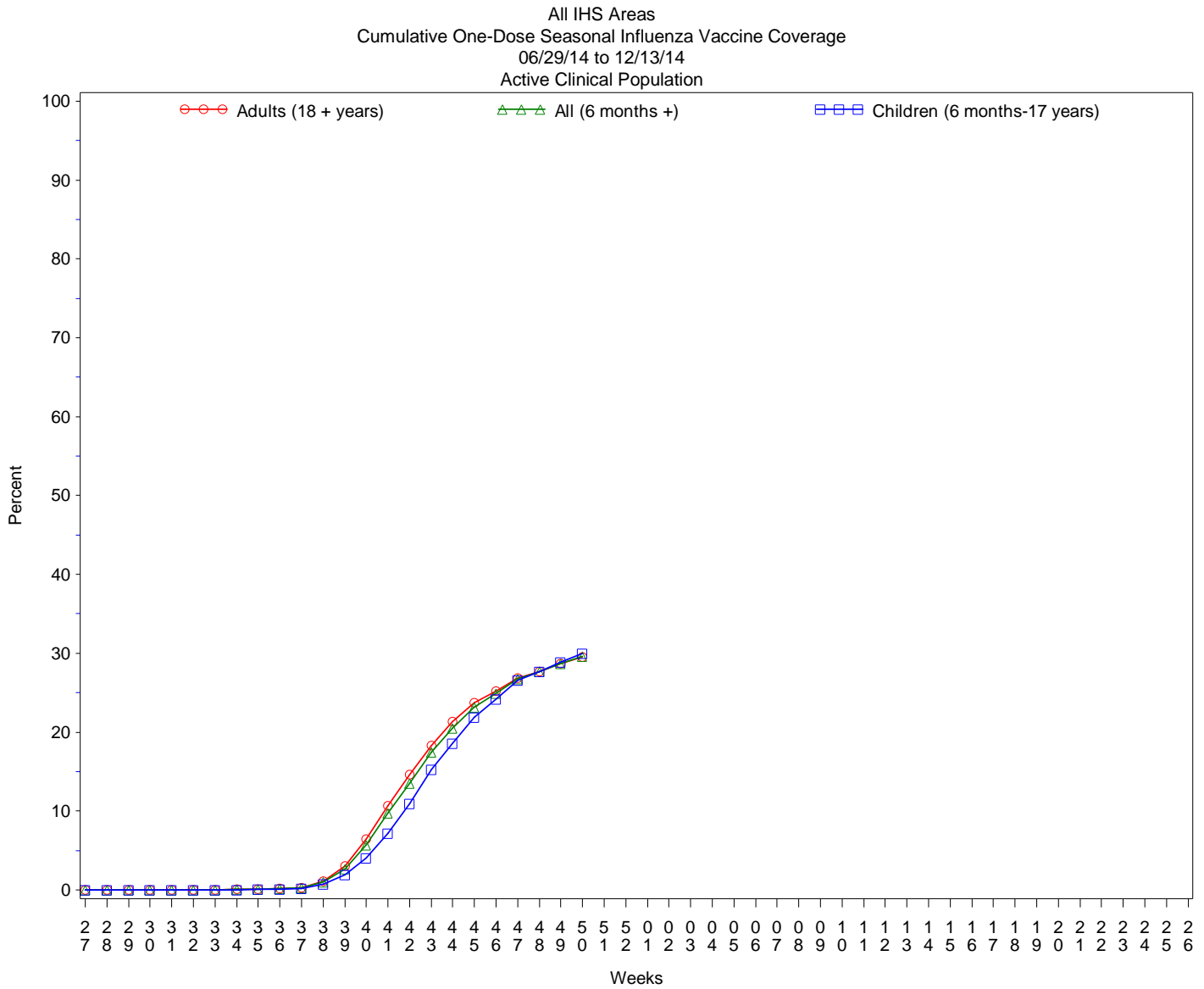
**% Visits for ILI Compared to Previous Week**

IHS Areas	% in Week 49	% in Week 50
NATIONAL	1.2	1.3
ALASKA	0.8	0.7
ALBUQUERQUE	1.4	1.0
BEMIDJI	1.0	1.3
BILLINGS	1.5	1.4
CALIFORNIA	1.1	0.9
GREAT PLAINS	1.2	1.7
NASHVILLE	1.0	2.0
NAVAJO	1.1	1.1
OKLAHOMA	0.9	1.1
PHOENIX	2.1	2.0
PORTLAND	1.0	1.4
TUCSON	2.2	0.9

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

## IHS Influenza Vaccination\* Surveillance

- As of 12/13/2014, sites reporting to the IIAS have administered 356,134 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	5,417	82	1.5	4	0.1	86
6 - 23 months	27,067	11,477	42.4	1,587	5.9	13,096
2 - 4 years	65,763	17,314	26.3	266	0.4	17,644
5 - 17 years	245,225	72,619	29.6	601	0.2	73,488
18 - 49 years	519,217	117,573	22.6	1,103	0.2	119,113
50 - 64 years	208,138	78,147	37.5	746	0.4	79,205
65 + years	115,982	52,682	45.4	584	0.5	53,588
Children (6 months-17 years)	338,055	101,410	30.0	2,454	0.7	104,228
Adults (18 + years)	843,337	248,402	29.5	2,433	0.3	251,906
All (6 months +)	1,181,392	349,812	29.6	4,887	0.4	356,134

\* 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-cclIV3	CVX 155 FLU-RIV3	CVX 158 IIV4	CVX 161 IIV4pf-ped	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	41	69	5	325	25	3717	.	729	1945	99	2	3881	.	1	160	111	11110
ALB	106	232	10	995	321	13007	212	2328	5039	.	.	2170	26	.	109	203	24758
BEM	106	229	50	316	471	6657	13	1079	1445	1	1	457	.	.	504	77	11406
BIL	99	116	6	902	202	4648	1	2093	9420	1	.	753	.	.	88	123	18452
CAO	105	199	5	973	1182	12108	494	2012	3186	1	2	1192	.	.	316	271	22046
GPA	45	146	14	449	430	13780	45	3248	6927	3	3	4599	10	1	1172	55	30927
NSA	275	150	.	153	202	6076	386	670	3110	.	6	375	.	24	158	204	11789
NAV	110	330	20	406	3671	66329	.	4109	6069	2	1	5496	42	1	473	569	87628
OKC	160	2187	104	3177	214	48834	339	4997	20700	13	2	3433	.	190	909	163	85422
PHX	69	461	6	1420	253	16111	102	4284	17850	1	4	1834	14	6	446	503	43364
POR	188	549	82	744	1099	10501	292	2449	4867	15	11	3981	96	.	329	322	25525
TUC	.	31	1	11	4	432	1	354	6163	.	.	980	.	1	257	21	8256
	<b>1304</b>	<b>4699</b>	<b>303</b>	<b>9871</b>	<b>8074</b>	<b>202200</b>	<b>1885</b>	<b>28352</b>	<b>86721</b>	<b>136</b>	<b>32</b>	<b>29151</b>	<b>188</b>	<b>224</b>	<b>4921</b>	<b>2622</b>	<b>380683</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.

- 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	182	390
ALASKA	9	48
ALBUQUERQUE	15	24
BEMIDJI	5	13
BILLINGS	13	27
CALIFORNIA	27	48
GREAT PLAINS	17	31
NASHVILLE	20	28
NAVAJO	8	43
OKLAHOMA	21	48
PHOENIX	18	33
PORTLAND	27	36
TUCSON	2	11

\* Exporting databases may include data from multiple facilities.

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