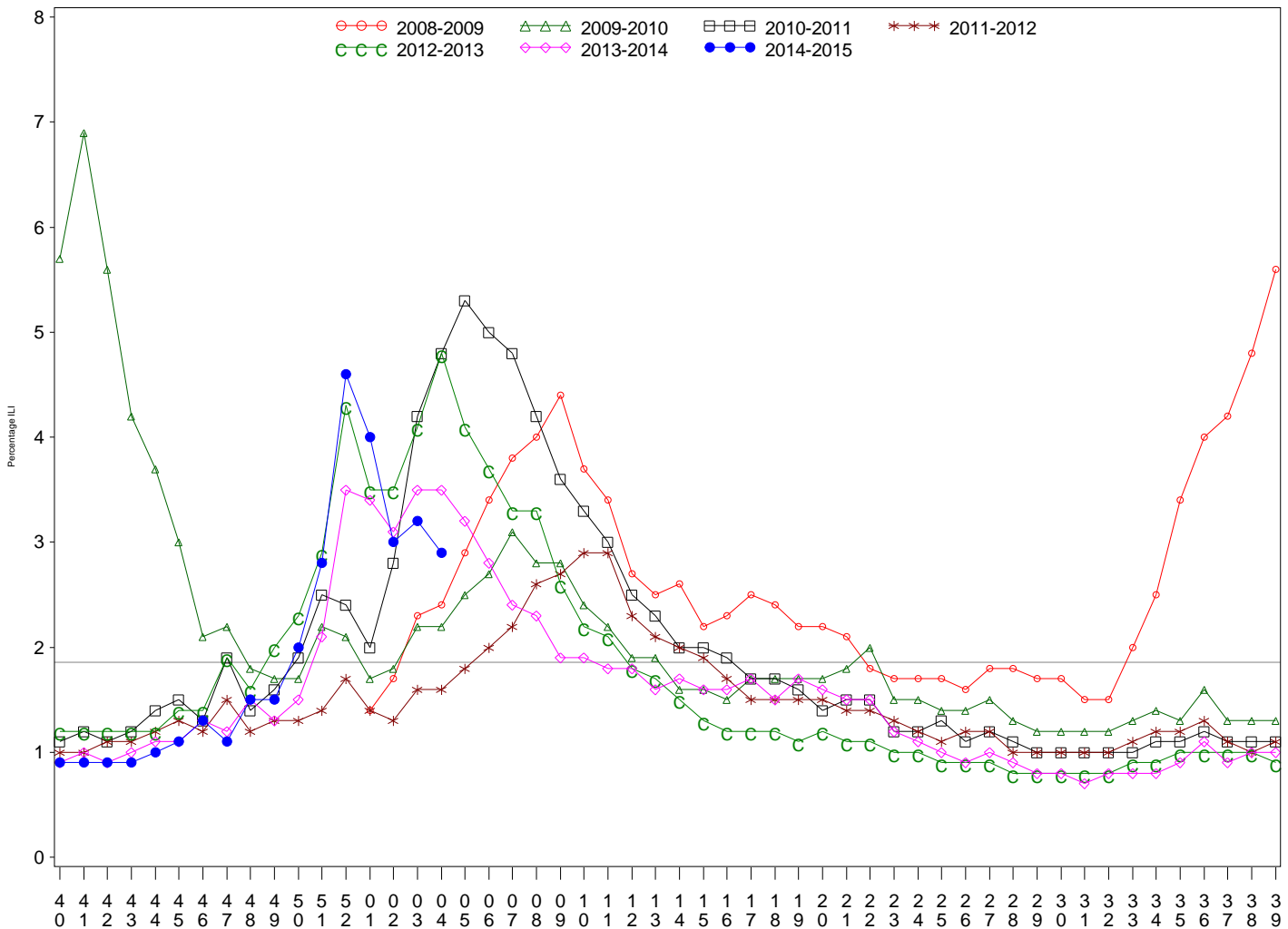




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#17 (Week 4: 6/29/2014 – 1/24/2015)

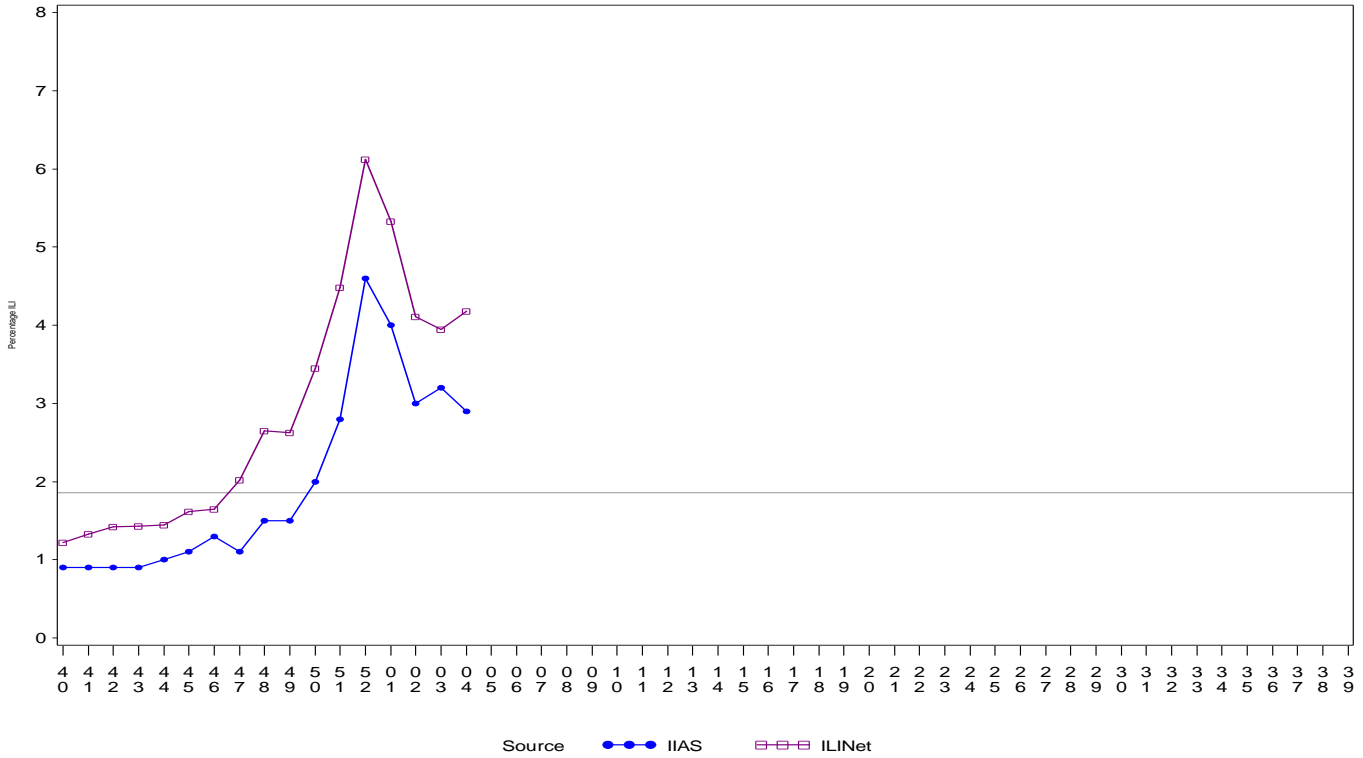
- Influenza-like-illness (ILI) activity in IHS and the U.S. is high.
- To date IHS has administered over 410,000 influenza vaccines this season.
- Overall, 33.7% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 1/24/15



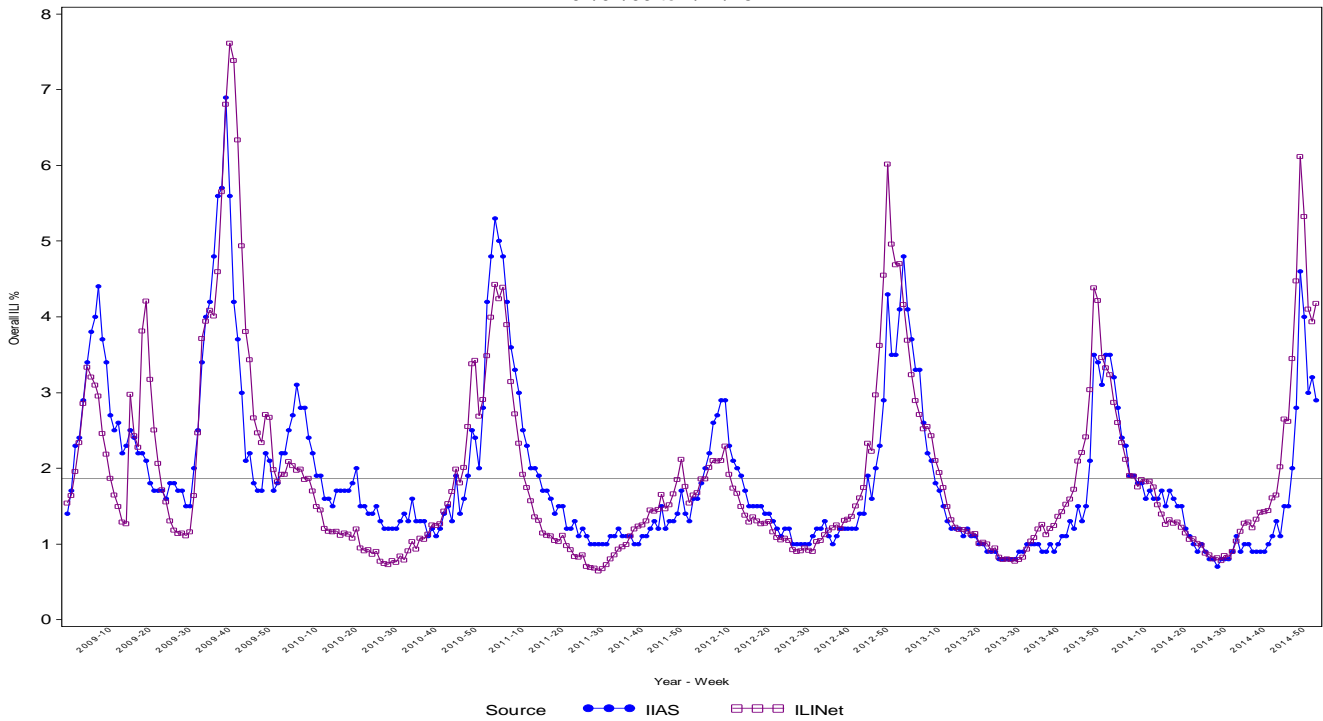
Percentage of ILI visits is number of ILI visits divided by total number of daily visits. The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 1/24/15



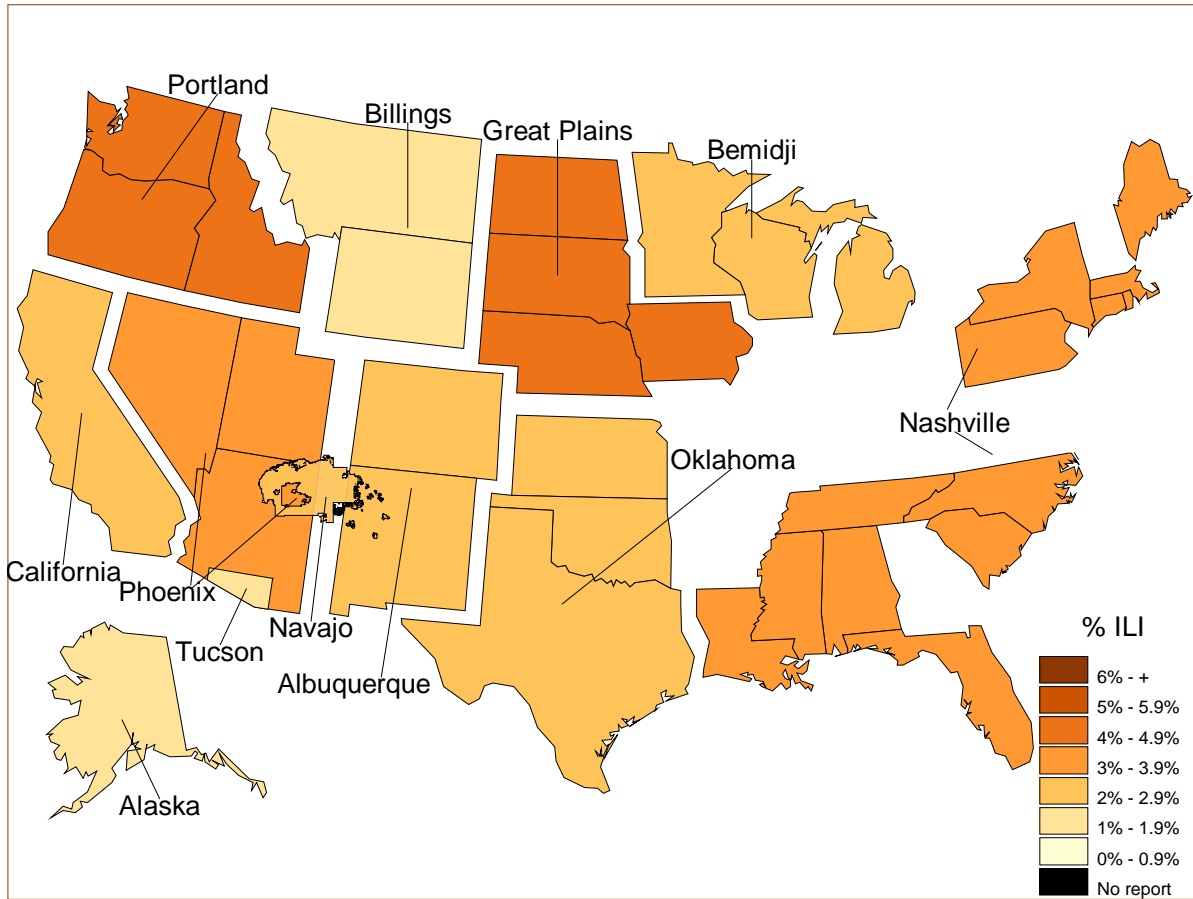
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard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

IIAS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 1/24/15



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 IHS Area
For Week: 4



% Visits for ILI Compared to Previous Week

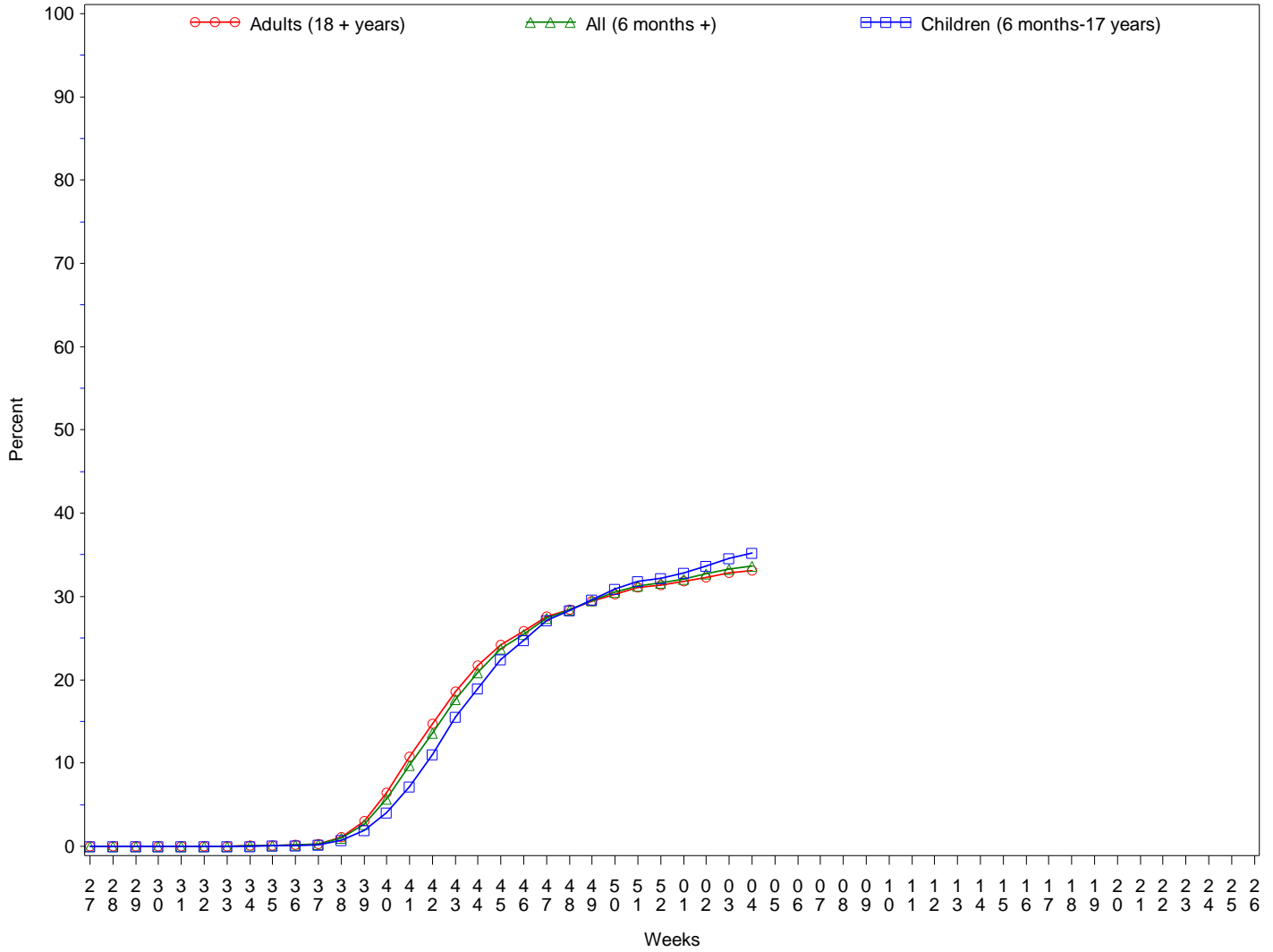
IHS Areas	% in Week 3	% in Week 4
NATIONAL	3.2	2.9
ALASKA	1.0	1.2
ALBUQUERQUE	3.0	2.6
BEMIDJI	2.4	2.2
BILLINGS	2.4	1.9
CALIFORNIA	1.9	2.5
GREAT PLAINS	2.8	4.1
NASHVILLE	3.0	3.1
NAVAJO	2.8	2.9
OKLAHOMA	4.0	2.5
PHOENIX	3.6	3.2
PORTLAND	4.9	4.1
TUCSON	1.9	1.4

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

IHS Influenza Vaccination Surveillance

- As of 1/24/2015, sites reporting to the IIAS have administered 410,190 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

All IHS Areas
 Cumulative One-Dose Seasonal Influenza Vaccine Coverage
 06/29/14 to 1/24/15
 Active Clinical Population



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	5,443	110	2.0	4	0.1	114
6 - 23 months	27,004	14,724	54.5	3,333	12.3	18,100
2 - 4 years	65,808	20,921	31.8	447	0.7	21,443
5 - 17 years	246,478	83,889	34.0	805	0.3	85,012
18 - 49 years	521,771	135,171	25.9	1,486	0.3	137,181
50 - 64 years	209,657	87,761	41.9	977	0.5	89,130
65 + years	116,979	58,196	49.7	762	0.7	59,324
Children (6 months-17 years)	339,290	119,534	35.2	4,585	1.4	124,555
Adults (18 + years)	848,407	281,128	33.1	3,225	0.4	285,635
All (6 months +)	1,187,697	400,662	33.7	7,810	0.7	410,190

* 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	54	140	8	348	33	4260	.	847	2578	114	3	4392	.	1	183	143	13104
ALB	125	321	15	1120	485	15405	249	2653	6031	1	1	2622	56	.	130	210	29424
BEM	155	294	61	381	686	8304	34	1347	2014	3	1	598	10	.	502	95	14485
BIL	112	180	7	946	269	5179	1	2194	11106	1	.	1063	.	1	108	143	21310
CAO	131	250	5	1034	1557	13892	535	2267	3922	1	2	1447	49	.	377	442	25911
GPA	46	213	14	491	449	16117	45	3378	8052	3	3	5224	23	1	1231	62	35352
NSA	328	164	1	161	239	6634	427	689	3468	.	6	423	1	26	185	233	12985
NAV	178	453	25	453	5094	71454	.	4448	7862	2	1	6221	281	3	525	714	97714
OKC	194	3110	111	3422	258	56547	397	5502	23606	14	4	4044	3	273	1046	205	98736
PHX	92	585	9	1570	321	18377	106	4650	20635	2	5	2360	34	7	458	569	49780
POR	195	706	106	786	1316	12158	335	2768	5364	19	13	4556	142	.	358	328	29150
TUC	.	37	2	12	16	636	1	394	7290	.	.	1034	.	1	335	25	9783
	1610	6453	364	10724	10723	228963	2130	31137	101928	160	39	33984	599	313	5438	3169	437734

* 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:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	178	370
ALASKA	10	53
ALBUQUERQUE	15	26
BEMIDJI	5	9
BILLINGS	13	29
CALIFORNIA	27	48
GREAT PLAINS	17	32
NASHVILLE	19	25
NAVAJO	7	29
OKLAHOMA	20	47
PHOENIX	17	31
PORTLAND	26	34
TUCSON	2	7

* Exporting databases may include data from multiple facilities.

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