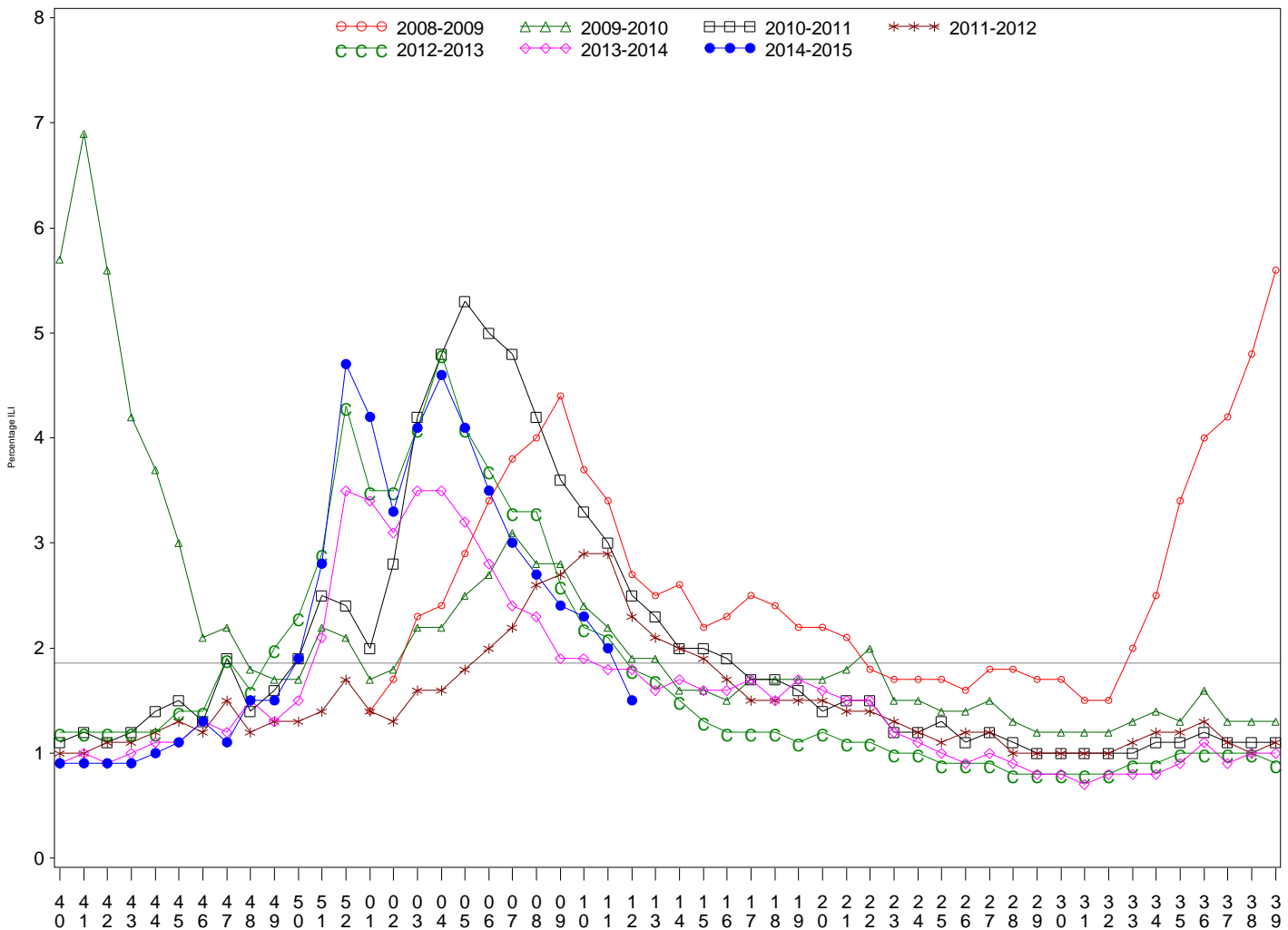




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#25 (Week 12: 6/29/2014 – 3/21/2015)

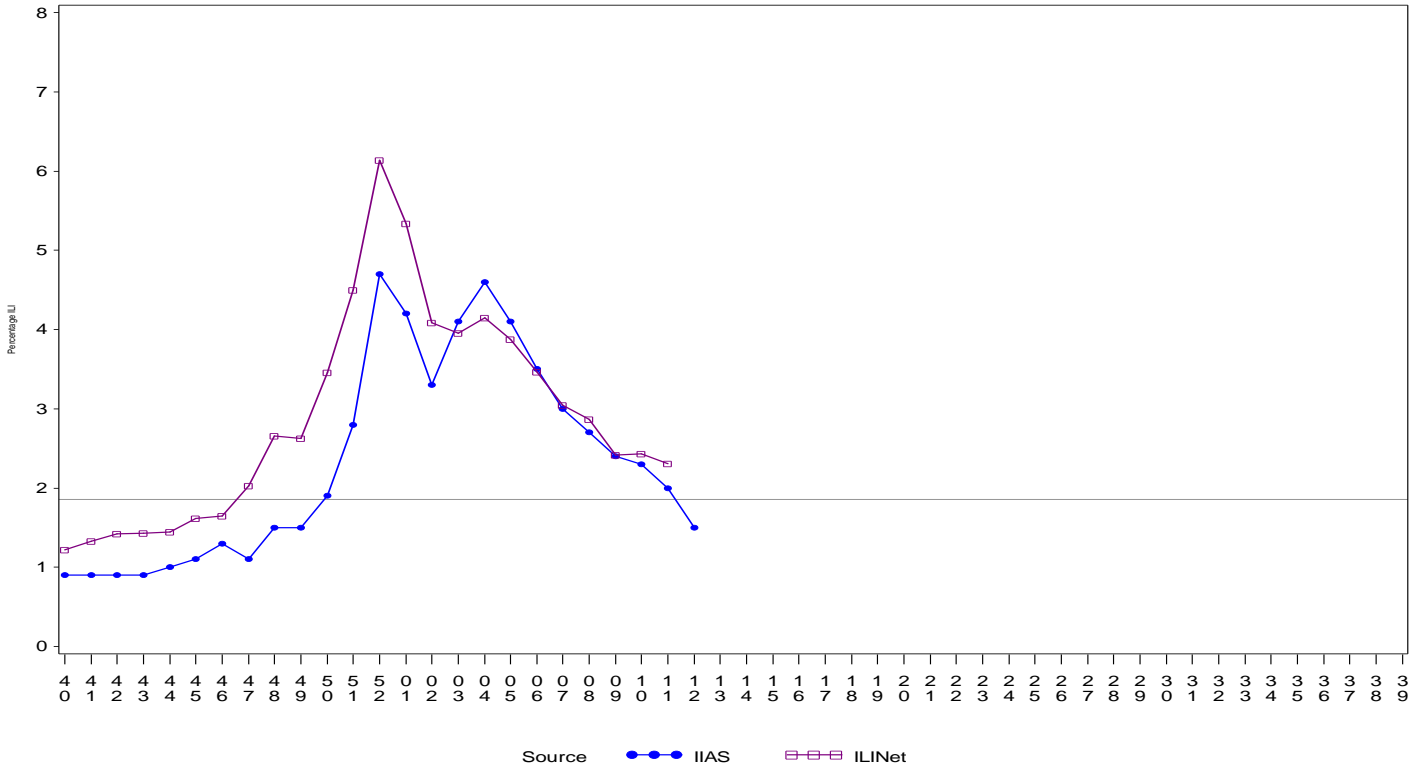
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining, but remains slightly elevated in two regions (Bemidji and Navajo).
- To date IHS has administered over 448,000 influenza vaccines this season.
- Overall, 36.5% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 3/21/15



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.

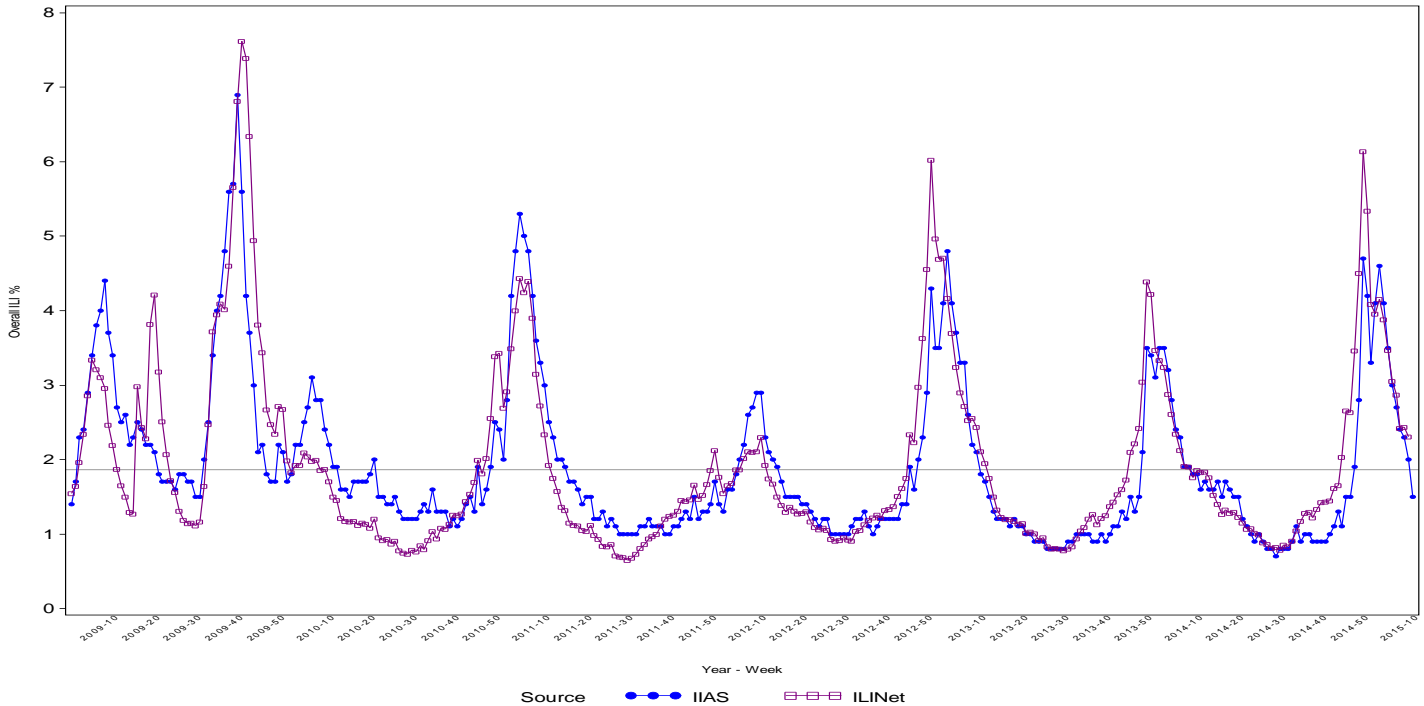
Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 3/21/15



Source ●●● IIAS □□□ ILINet

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

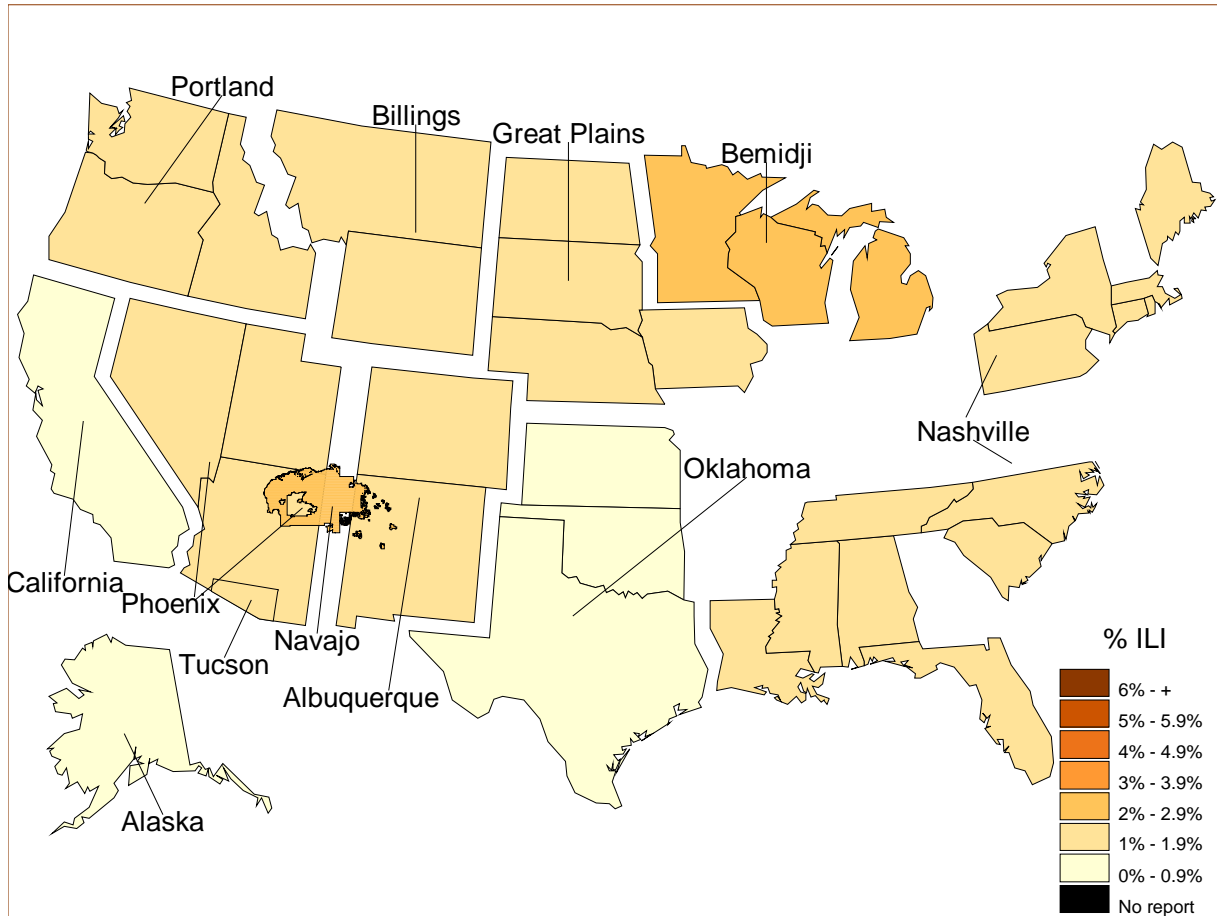
IIAS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 3/21/15



Source ●●● IIAS □□□ ILINet

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: 12



% Visits for ILI Compared to Previous Week

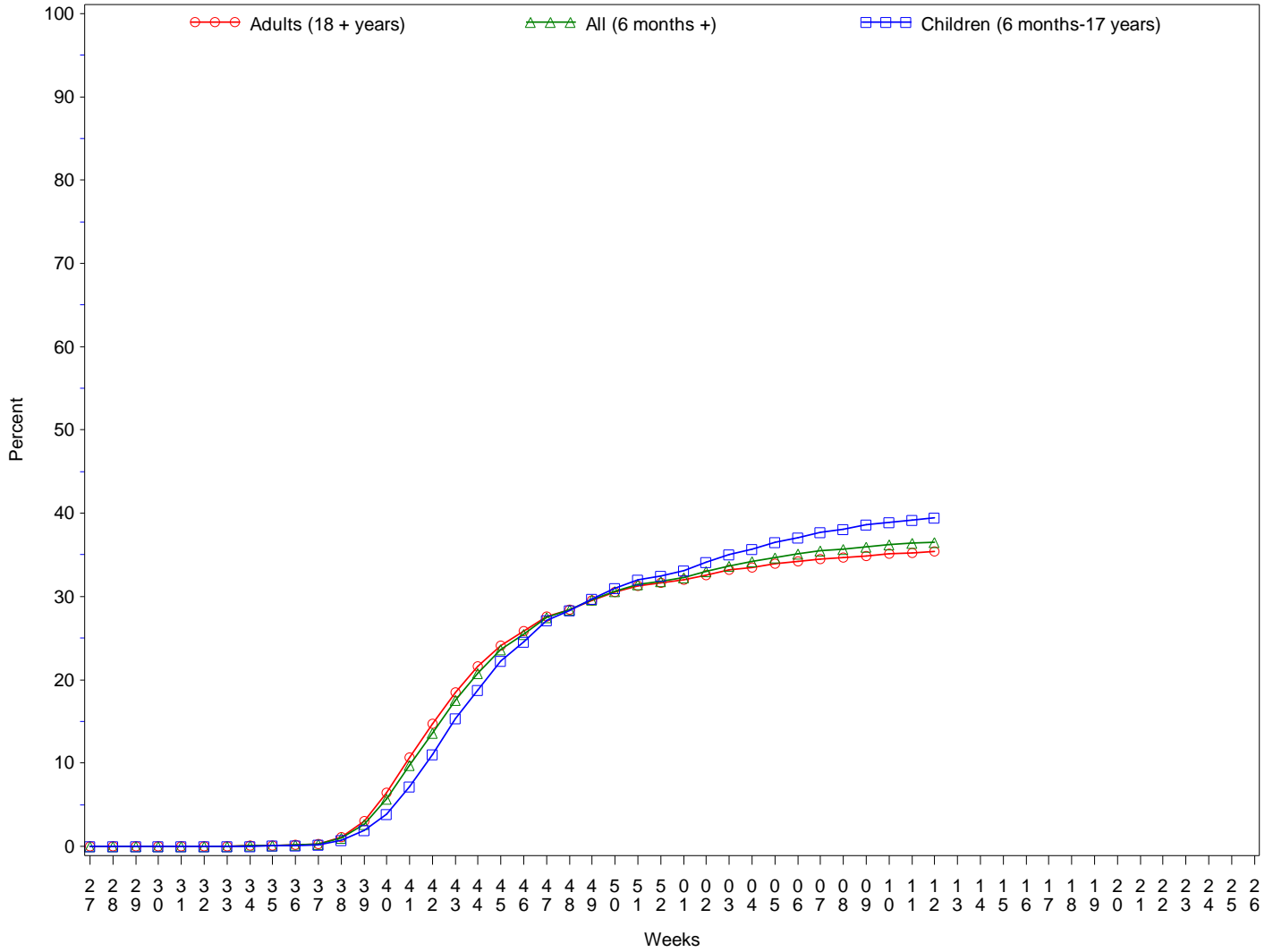
IHS Areas	% in Week 11	% in Week 12
NATIONAL	2.0	1.5
ALASKA	0.9	0.5
ALBUQUERQUE	2.2	1.8
BEMIDJI	2.0	2.6
BILLINGS	2.0	1.8
CALIFORNIA	1.0	0.8
GREAT PLAINS	2.4	1.8
NASHVILLE	1.7	1.7
NAVAJO	2.5	2.1
OKLAHOMA	2.3	0.8
PHOENIX	1.8	1.7
PORTLAND	1.1	1.1
TUCSON	1.0	1.3

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

IHS Influenza Vaccination Surveillance

- As of 3/21/2015, sites reporting to the IAS have administered 448,330 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 3/21/15
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	5,475	184	3.4	4	0.1	190
6 - 23 months	27,245	17,974	66.0	5,500	20.2	23,527
2 - 4 years	65,757	24,425	37.1	725	1.1	25,233
5 - 17 years	247,769	92,139	37.2	982	0.4	93,475
18 - 49 years	521,938	146,937	28.2	1,768	0.3	149,278
50 - 64 years	211,056	92,993	44.1	1,145	0.5	94,555
65 + years	117,983	60,923	51.6	956	0.8	62,262
Children (6 months-17 years)	340,771	134,538	39.5	7,207	2.1	142,235
Adults (18 + years)	850,977	300,853	35.4	3,869	0.5	306,095
All (6 months +)	1,191,748	435,391	36.5	11,076	0.9	448,330

* 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	90	176	9	374	50	4647	.	941	3056	119	3	5105	2	1	199	163	14935
ALB	128	371	15	1168	841	16301	252	2663	7157	2	1	3035	80	.	146	249	32409
BEM	161	306	62	395	805	9421	46	1672	2417	6	1	766	17	.	772	113	16960
BIL	117	219	7	971	320	5556	1	2280	12653	1	.	1314	21	1	124	170	23755
CAO	156	274	5	1066	1934	14866	564	2435	4560	1	2	1682	86	.	397	547	28575
GPA	51	329	16	509	464	17867	45	3447	9122	3	3	5754	83	2	1289	69	39053
NSA	358	187	2	162	253	6906	445	693	3689	1	6	442	3	26	199	237	13609
NAV	209	593	48	489	6240	75148	.	4582	9566	5	1	6873	514	8	601	778	105655
OKC	246	3635	112	3504	269	60192	417	5724	25050	18	4	4428	15	338	1173	224	105349
PHX	128	677	10	1648	491	20003	109	5049	23348	3	6	2664	183	10	506	602	55437
POR	214	791	116	809	1443	13103	343	3031	5801	22	13	4954	238	.	355	358	31591
TUC	.	39	2	12	16	668	1	421	8257	.	2	1064	1	2	370	30	10885
	1858	7597	404	11107	13126	244678	2223	32938	114676	181	42	38081	1243	388	6131	3540	478213

* 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	174	366
ALASKA	10	47
ALBUQUERQUE	15	24
BEMIDJI	5	13
BILLINGS	13	30
CALIFORNIA	26	46
GREAT PLAINS	17	31
NASHVILLE	17	23
NAVAJO	7	28
OKLAHOMA	20	49
PHOENIX	18	33
PORTLAND	24	32
TUCSON	2	10

* Exporting databases may include data from multiple facilities.

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