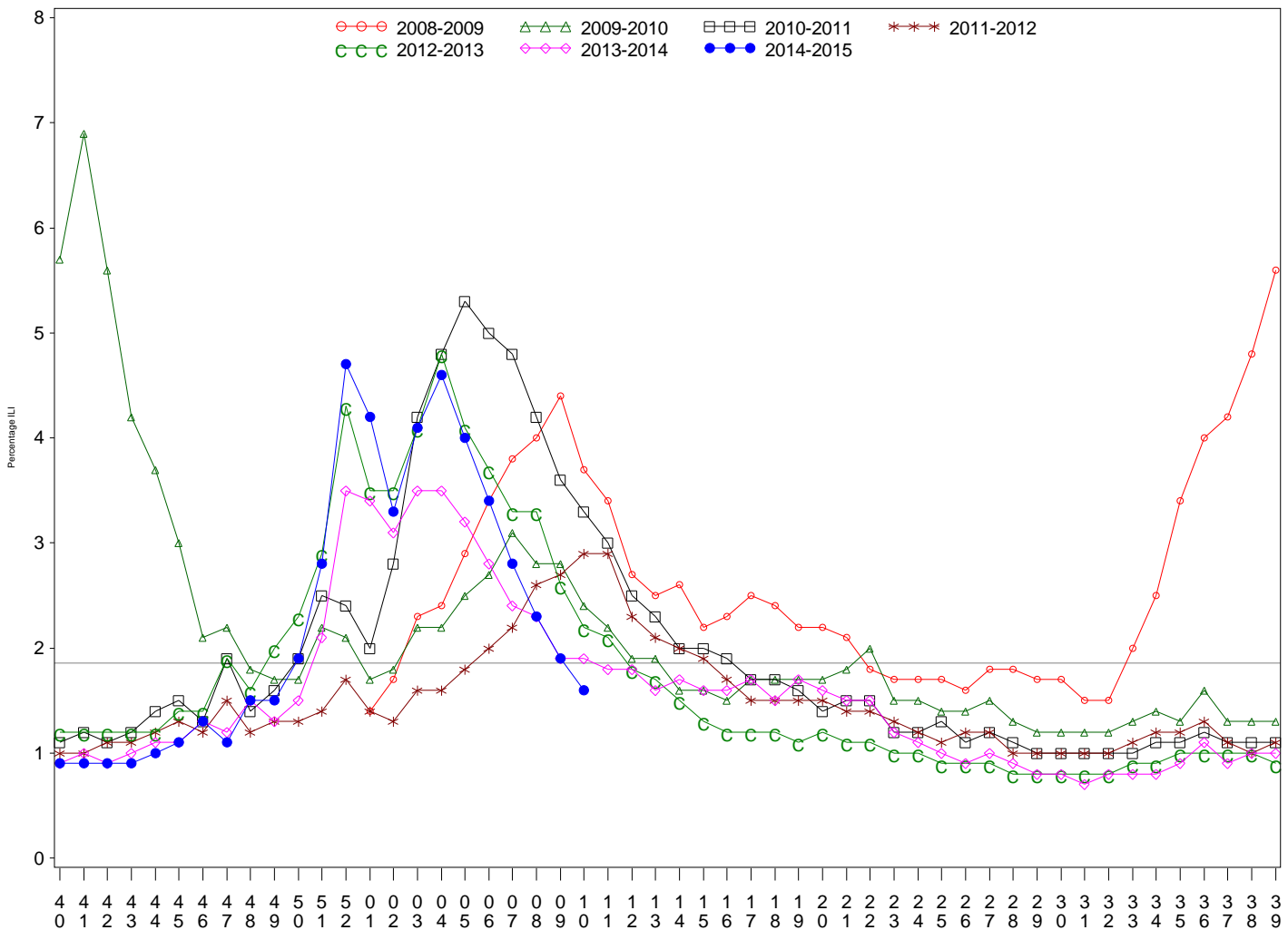




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#23 (Week 11: 6/29/2014 – 3/7/2015)

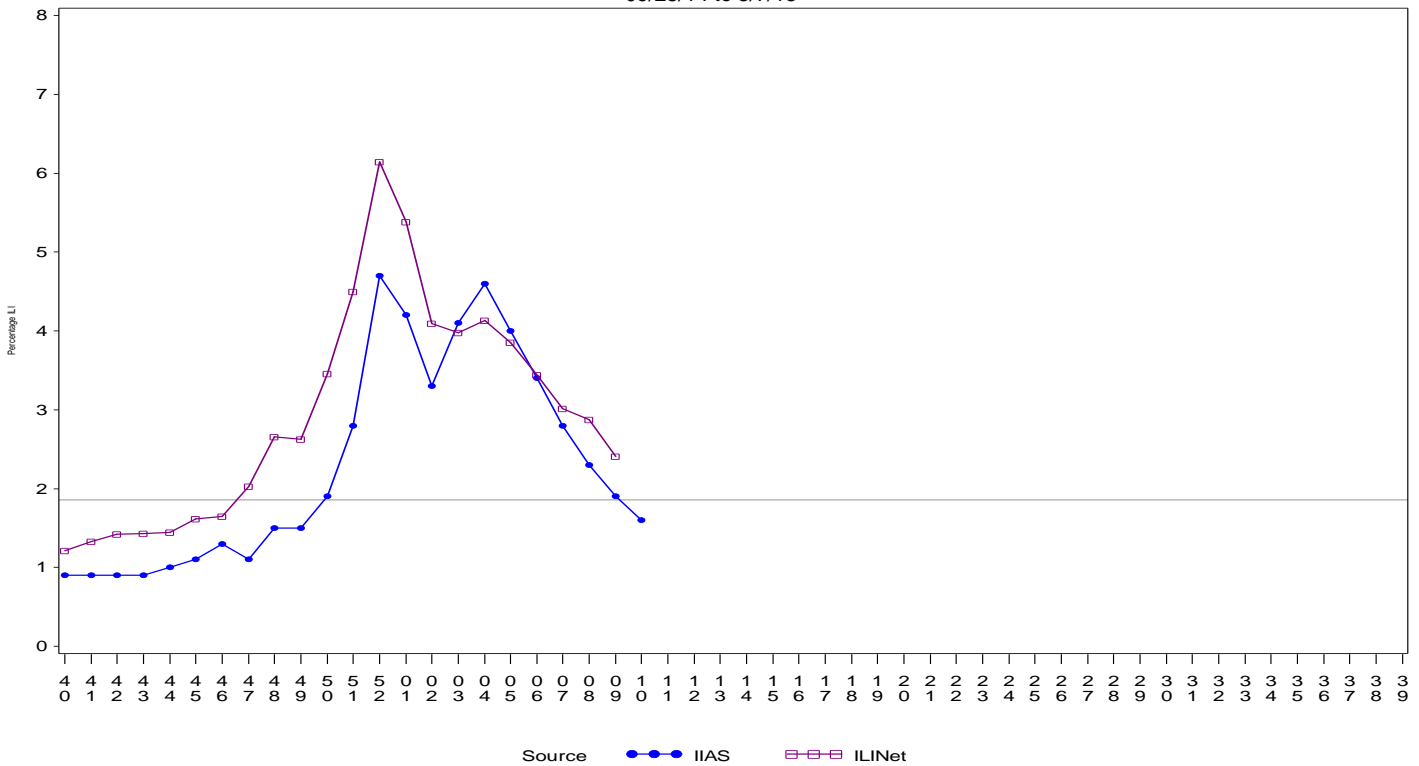
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining, but remains elevated in some regions.
- To date IHS has administered over 442,000 influenza vaccines this season.
- Overall, 36.1% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 3/7/15



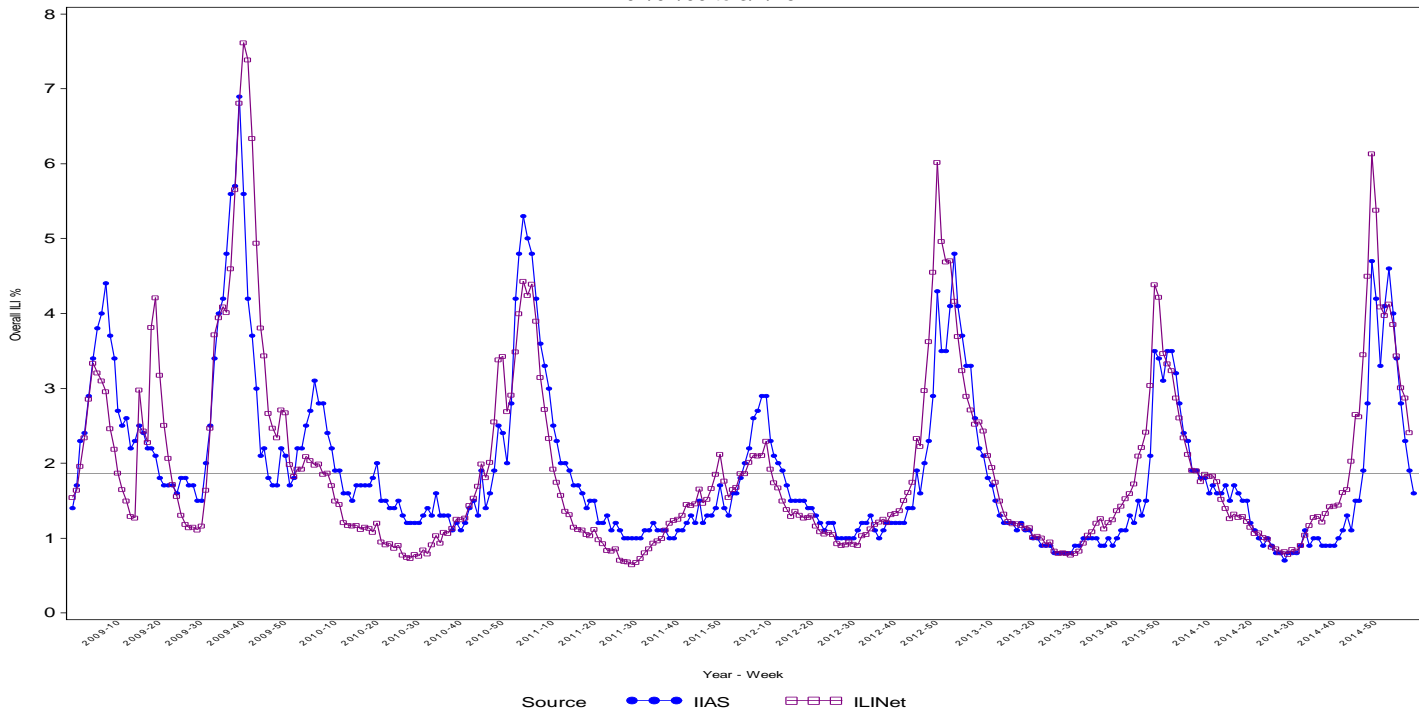
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 3/7/15



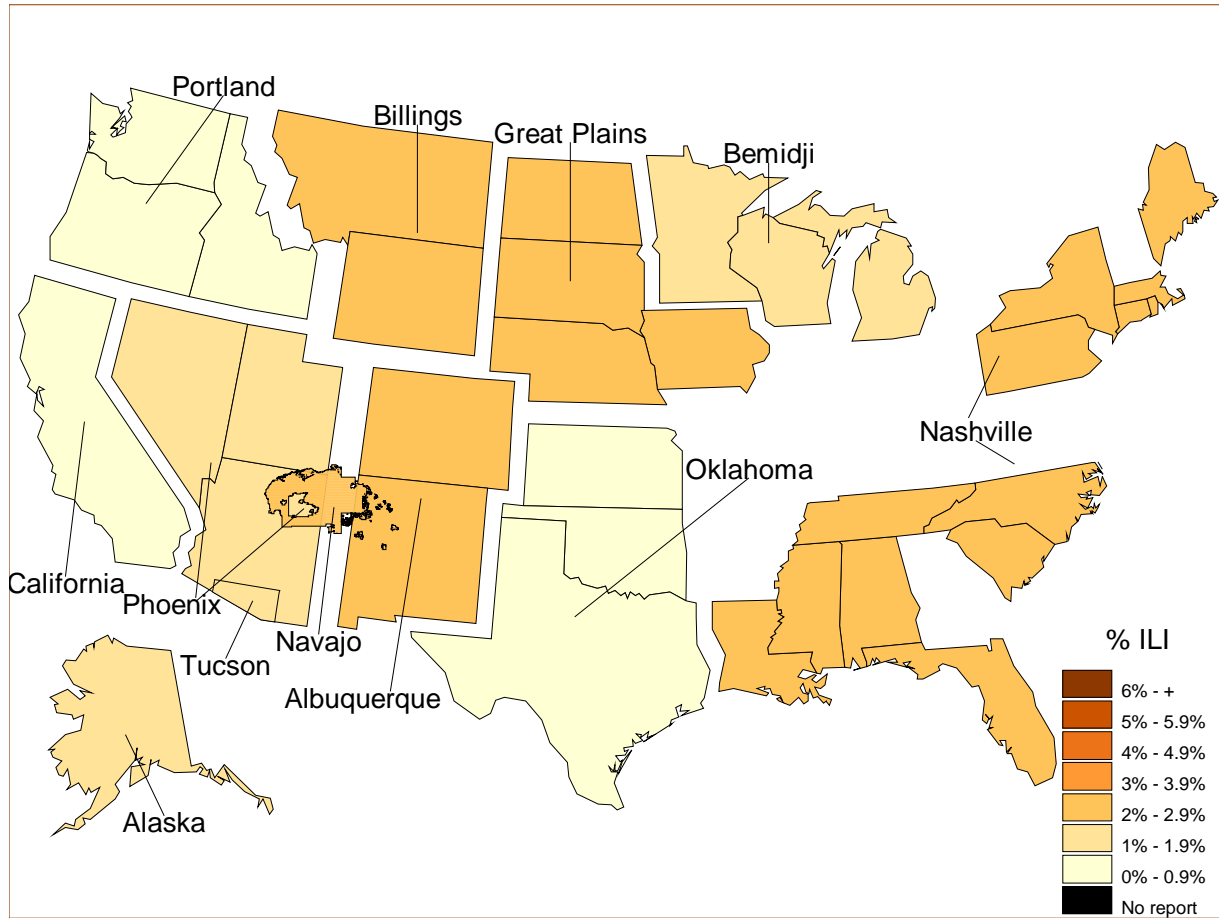
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard 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 3/7/15



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: 10



% Visits for ILI Compared to Previous Week

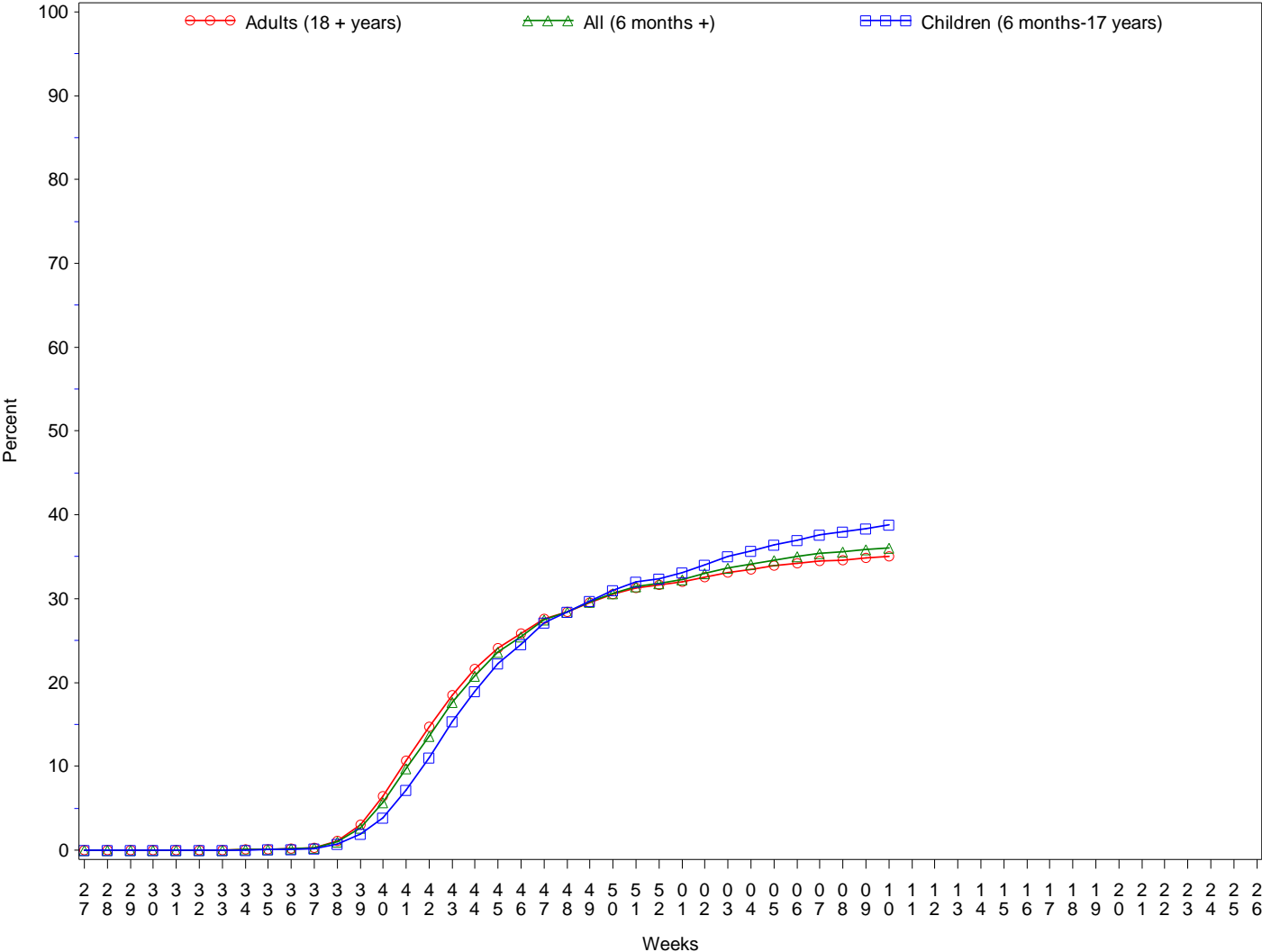
IHS Areas	% in Week 9	% in Week 10
NATIONAL	1.9	1.6
ALASKA	0.8	1.2
ALBUQUERQUE	2.1	2.2
BEMIDJI	2.2	1.9
BILLINGS	2.3	2.1
CALIFORNIA	0.9	0.9
GREAT PLAINS	2.4	2.1
NASHVILLE	2.0	2.0
NAVAJO	3.0	2.7
OKLAHOMA	1.5	0.8
PHOENIX	2.1	1.5
PORTLAND	1.0	0.9
TUCSON	1.4	1.4

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

IHS Influenza Vaccination Surveillance

- As of 3/7/2015, sites reporting to the IIAS have administered 442,207 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 3/7/15
 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	5,478	162	3.0	4	0.1	166
6 - 23 months	27,220	17,364	63.8	5,058	18.6	22,474
2 - 4 years	65,796	23,838	36.2	662	1.0	24,582
5 - 17 years	247,727	90,889	36.7	962	0.4	92,203
18 - 49 years	521,884	145,016	27.8	1,706	0.3	147,291
50 - 64 years	210,964	92,282	43.7	1,114	0.5	93,812
65 + years	117,924	60,553	51.3	912	0.8	61,845
Children (6 months-17 years)	340,743	132,091	38.8	6,682	2.0	139,259
Adults (18 + years)	850,772	297,851	35.0	3,732	0.4	302,948
All (6 months +)	1,191,515	429,942	36.1	10,414	0.9	442,207

* 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	88	176	9	363	39	4638	.	941	3040	119	3	5048	2	1	197	162	14826
ALB	128	367	15	1159	789	16152	252	2664	6979	1	1	2963	73	.	146	229	31918
BEM	158	303	61	393	790	9138	46	1518	2286	6	1	747	16	.	772	109	16344
BIL	116	216	7	965	316	5493	1	2270	12373	1	.	1283	.	1	123	167	23332
CAO	153	268	5	1057	1849	14764	562	2417	4468	1	2	1657	81	.	395	539	28218
GPA	49	315	16	506	461	17621	45	3435	8920	3	3	5656	51	1	1282	69	38433
NSA	356	183	2	162	252	6867	441	692	3640	1	6	441	3	26	196	238	13506
NAV	207	576	46	482	6005	74334	.	4581	9383	4	1	6821	458	7	588	752	104245
OKC	240	3502	112	3494	268	59799	417	5701	24859	18	4	4385	14	304	1157	221	104495
PHX	120	659	10	1642	420	19796	108	4989	22896	3	6	2625	137	10	501	597	54519
POR	211	787	114	808	1426	12965	343	3010	5727	21	13	4888	225	.	351	357	31246
TUC	.	39	2	12	16	668	1	421	8047	.	2	1060	1	2	365	29	10665
	1826	7391	399	11043	12631	242235	2216	32639	112618	178	42	37574	1061	352	6073	3469	471747

* 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	361
ALASKA	10	48
ALBUQUERQUE	15	24
BEMIDJI	4	9
BILLINGS	13	28
CALIFORNIA	26	47
GREAT PLAINS	17	31
NASHVILLE	18	24
NAVAJO	7	28
OKLAHOMA	20	47
PHOENIX	18	33
PORTLAND	24	33
TUCSON	2	9

* Exporting databases may include data from multiple facilities.

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