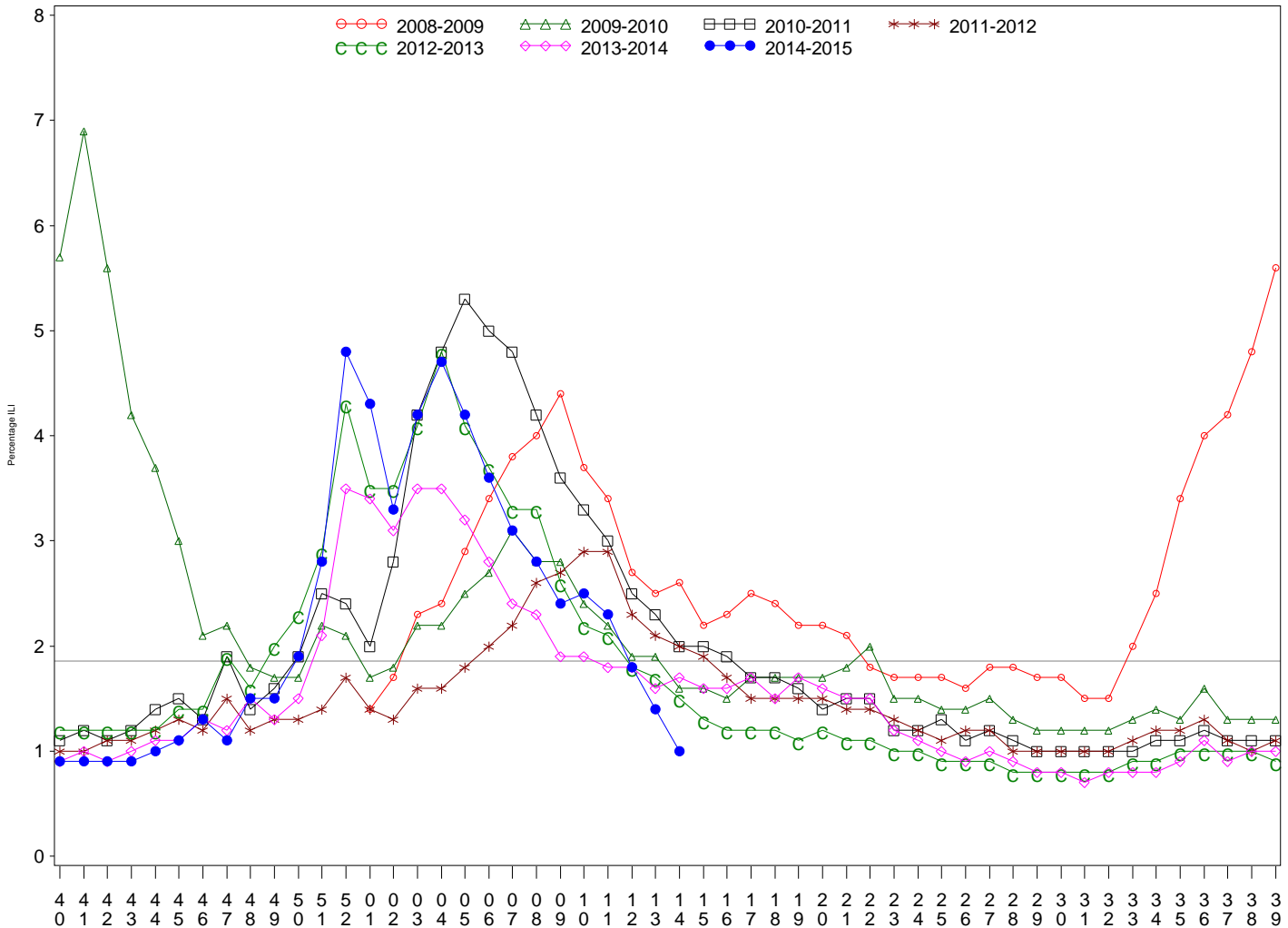




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#27 (Week 14: 6/29/2014 – 4/4/2015)

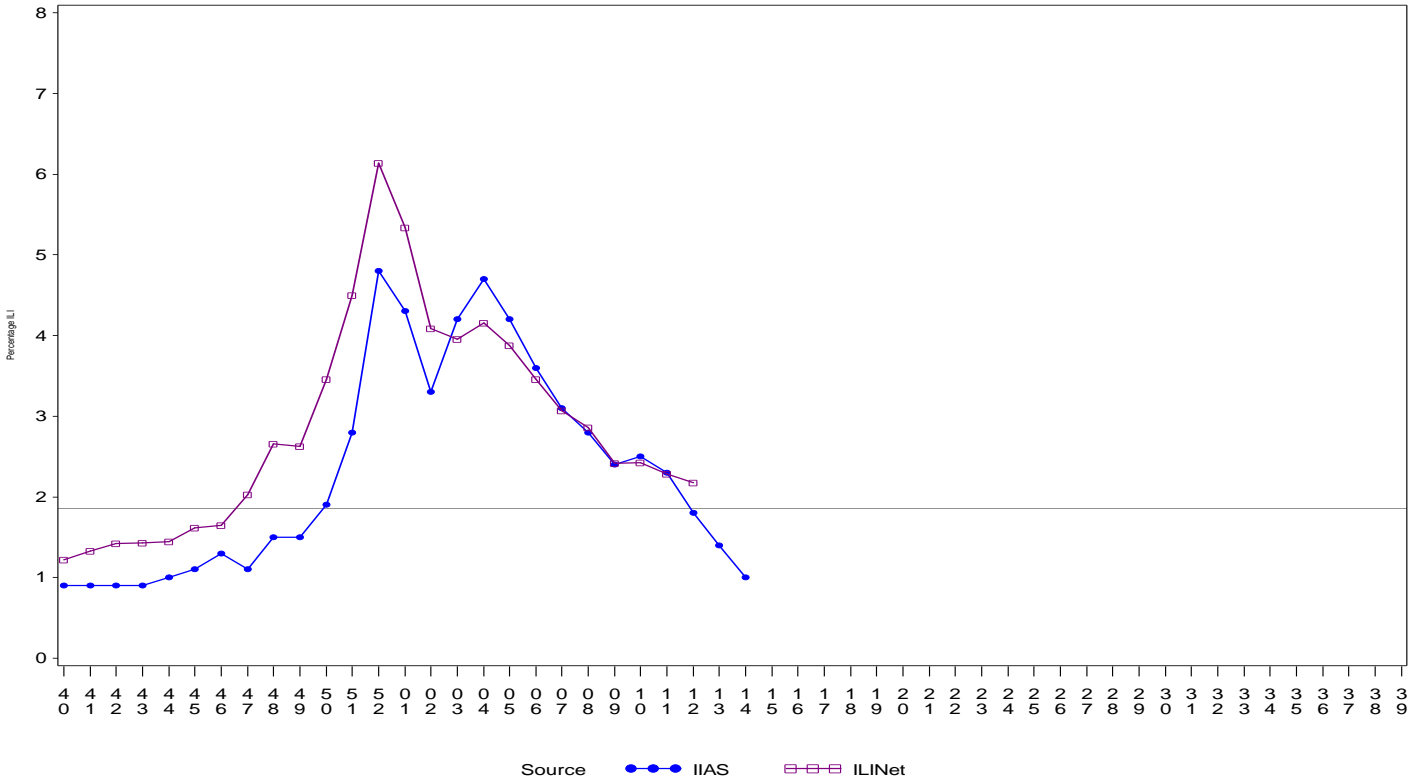
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining.
- To date IHS has administered over 452,000 influenza vaccines this season.
- Overall, 36.8% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 4/4/15



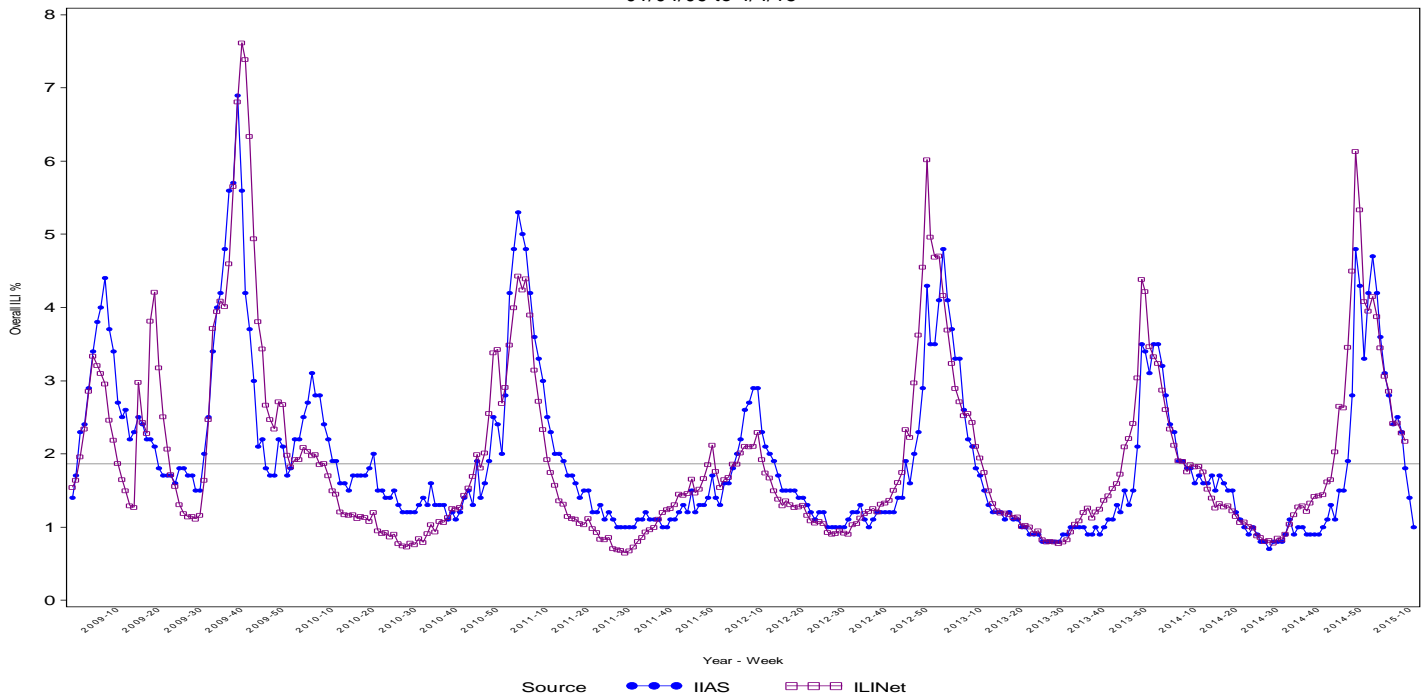
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for Flu Year 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 4/4/15



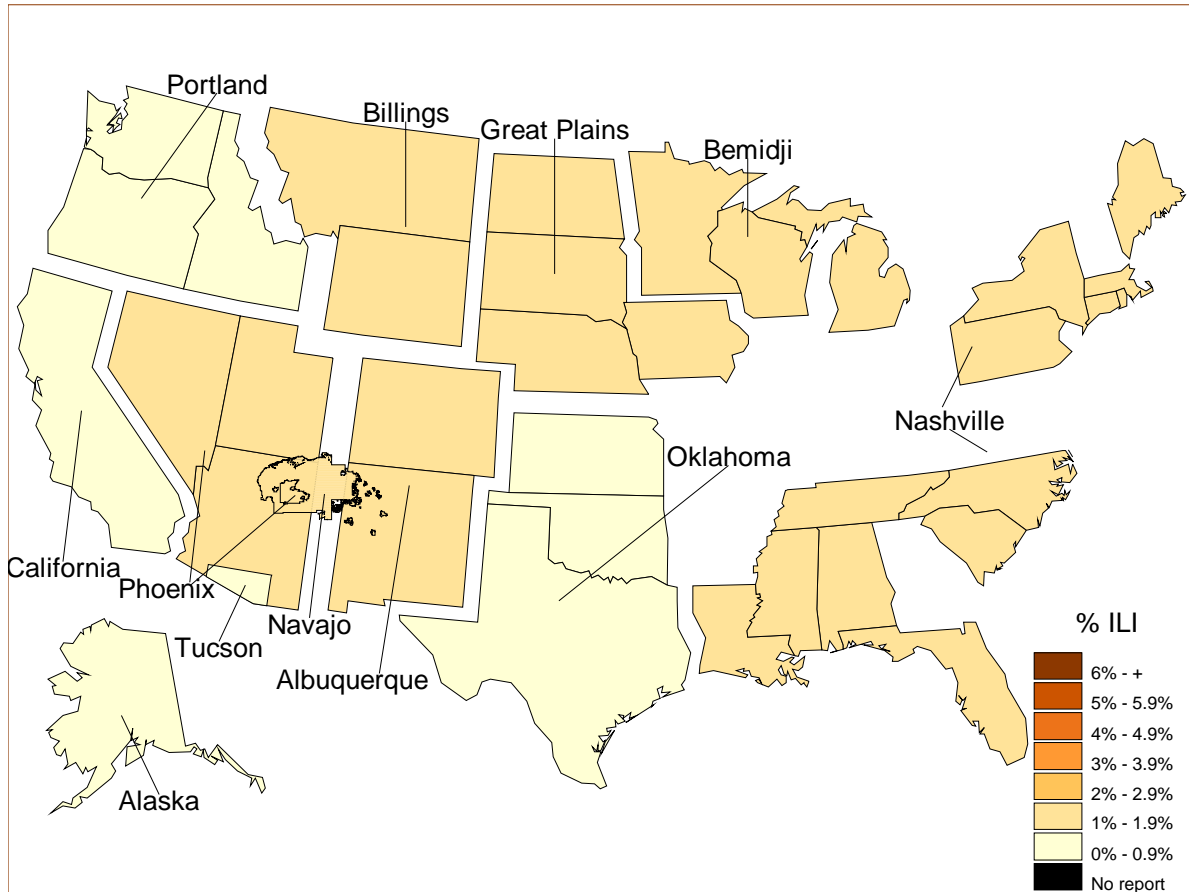
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard 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 4/4/15



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: 14



% Visits for ILI Compared to Previous Week

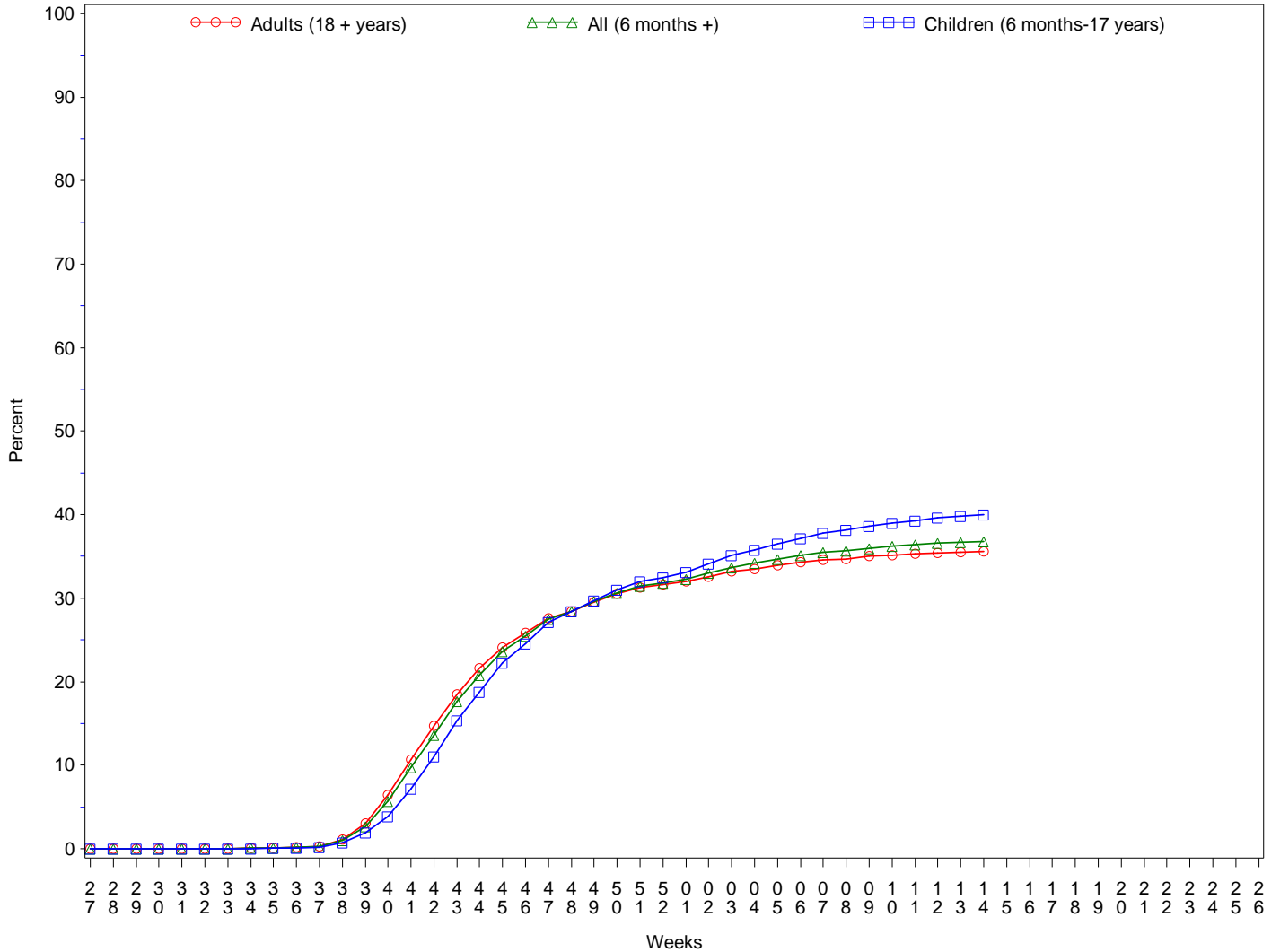
IHS Areas	% in Week 13	% in Week 14
NATIONAL	1.4	1.0
ALASKA	0.9	0.7
ALBUQUERQUE	1.8	1.5
BEMIDJI	2.5	1.1
BILLINGS	1.6	1.1
CALIFORNIA	0.8	0.5
GREAT PLAINS	1.7	1.6
NASHVILLE	1.3	1.1
NAVAJO	2.0	1.6
OKLAHOMA	0.9	0.3
PHOENIX	1.4	1.4
PORTLAND	0.9	0.6
TUCSON	0.6	0.8

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

IHS Influenza Vaccination Surveillance

- As of 4/4/2015, sites reporting to the IIAS have administered 452,133 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 4/4/15
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	5,457	205	3.8	4	0.1	211
6 - 23 months	27,388	18,342	67.0	5,809	21.2	24,207
2 - 4 years	65,674	24,777	37.7	760	1.2	25,620
5 - 17 years	247,692	93,038	37.6	1,008	0.4	94,401
18 - 49 years	521,386	148,055	28.4	1,798	0.3	150,427
50 - 64 years	211,302	93,418	44.2	1,169	0.6	95,005
65 + years	118,266	61,111	51.7	977	0.8	62,473
Children (6 months-17 years)	340,754	136,157	40.0	7,577	2.2	144,228
Adults (18 + years)	850,954	302,584	35.6	3,944	0.5	307,905
All (6 months +)	1,191,708	438,741	36.8	11,521	1.0	452,133

* 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-cclIIV3	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	181	9	377	52	4730	.	941	3126	120	3	5153	2	1	206	169	15160
ALB	129	375	15	1179	847	16396	252	2663	7326	2	1	3090	81	.	145	253	32754
BEM	161	308	62	397	815	9448	46	1683	2440	6	1	775	23	.	772	113	17050
BIL	117	222	7	972	326	5598	1	2302	12876	1	.	1343	23	1	128	171	24088
CAO	156	280	5	1066	1987	14927	564	2455	4614	2	2	1700	88	.	398	561	28805
GPA	52	340	16	514	464	18070	45	3453	9225	3	3	5826	97	2	1298	69	39477
NSA	358	187	2	162	254	6922	447	693	3701	1	7	443	3	26	199	240	13645
NAV	215	601	48	490	6386	75706	.	4584	9731	7	1	6937	543	9	618	796	106672
OKC	251	3662	112	3514	271	60429	417	5747	25155	19	4	4474	15	338	1187	225	105820
PHX	129	686	10	1648	575	20131	109	5081	23475	4	6	2693	213	10	511	606	55887
POR	214	791	116	809	1455	13178	344	3055	5837	22	13	4988	246	.	354	363	31785
TUC	.	39	2	12	22	716	1	421	8370	.	2	1068	1	2	405	30	11091
	1872	7672	404	11140	13454	246251	2226	33078	115876	187	43	38490	1335	389	6221	3596	482234

* 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	168	349
ALASKA	10	50
ALBUQUERQUE	13	17
BEMIDJI	5	13
BILLINGS	13	25
CALIFORNIA	26	47
GREAT PLAINS	17	31
NASHVILLE	15	21
NAVAJO	7	31
OKLAHOMA	18	42
PHOENIX	18	34
PORTLAND	25	33
TUCSON	1	5

* Exporting databases may include data from multiple facilities.

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