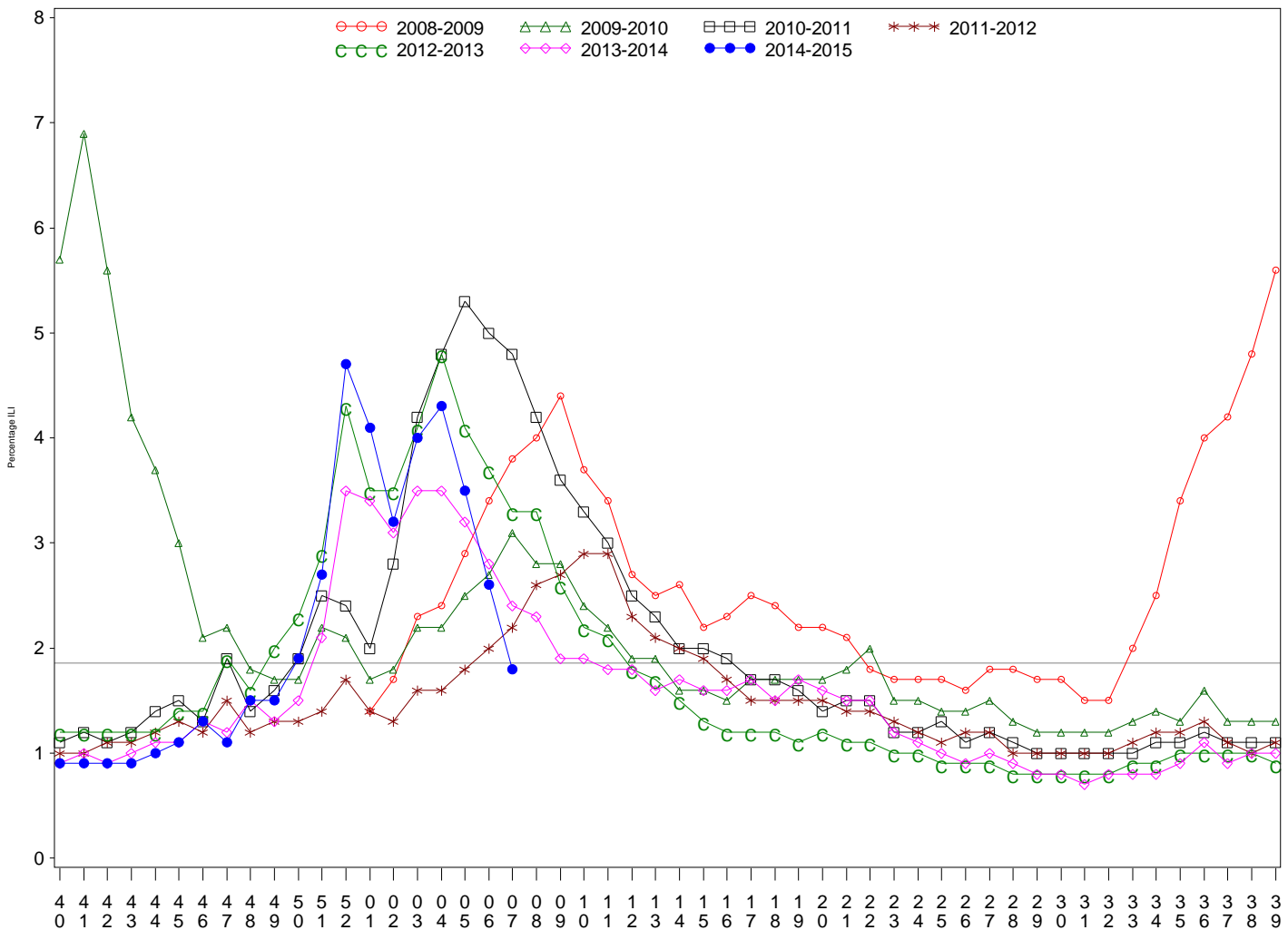




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#20 (Week 7: 6/29/2014 – 2/14/2015)

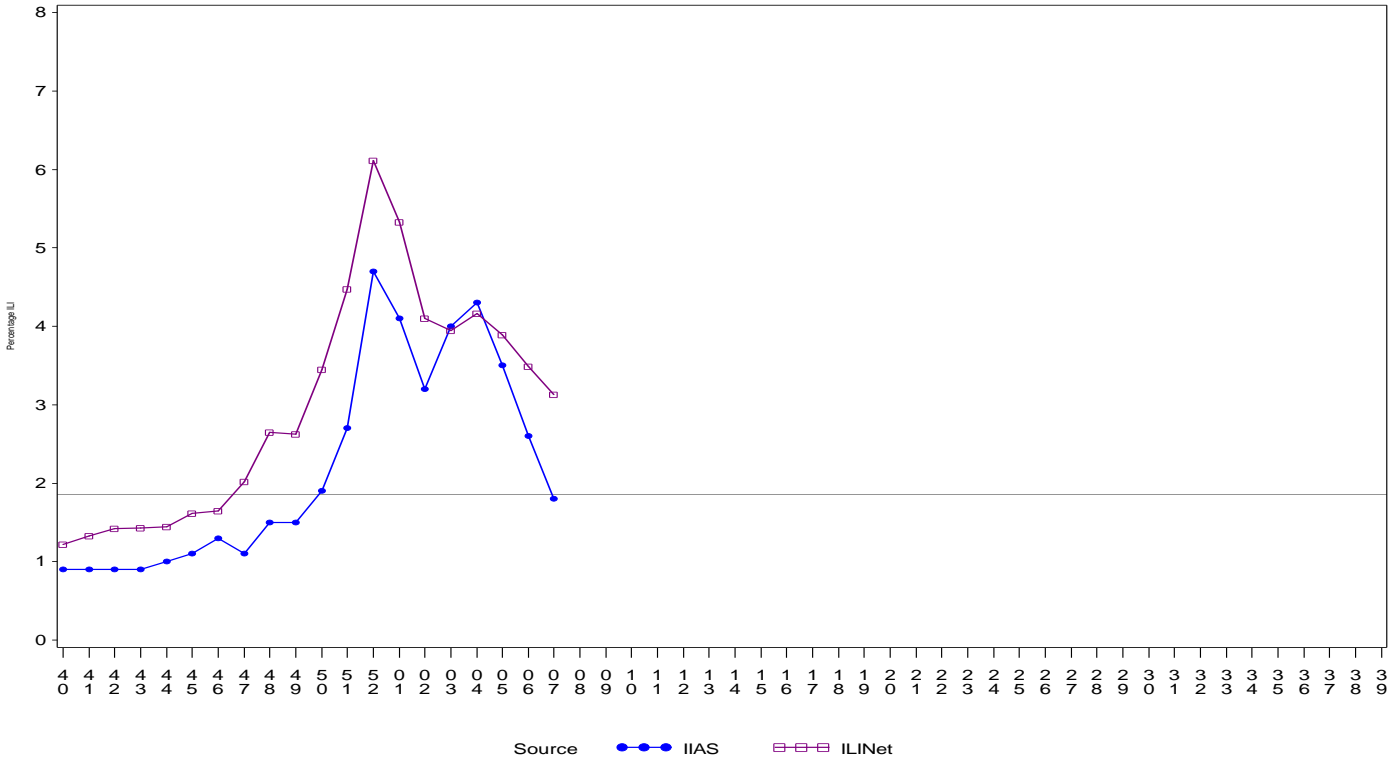
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining, though activity remains elevated in some regions.
- To date IHS has administered over 430,000 influenza vaccines this season.
- Overall, 35.2% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 2/14/15



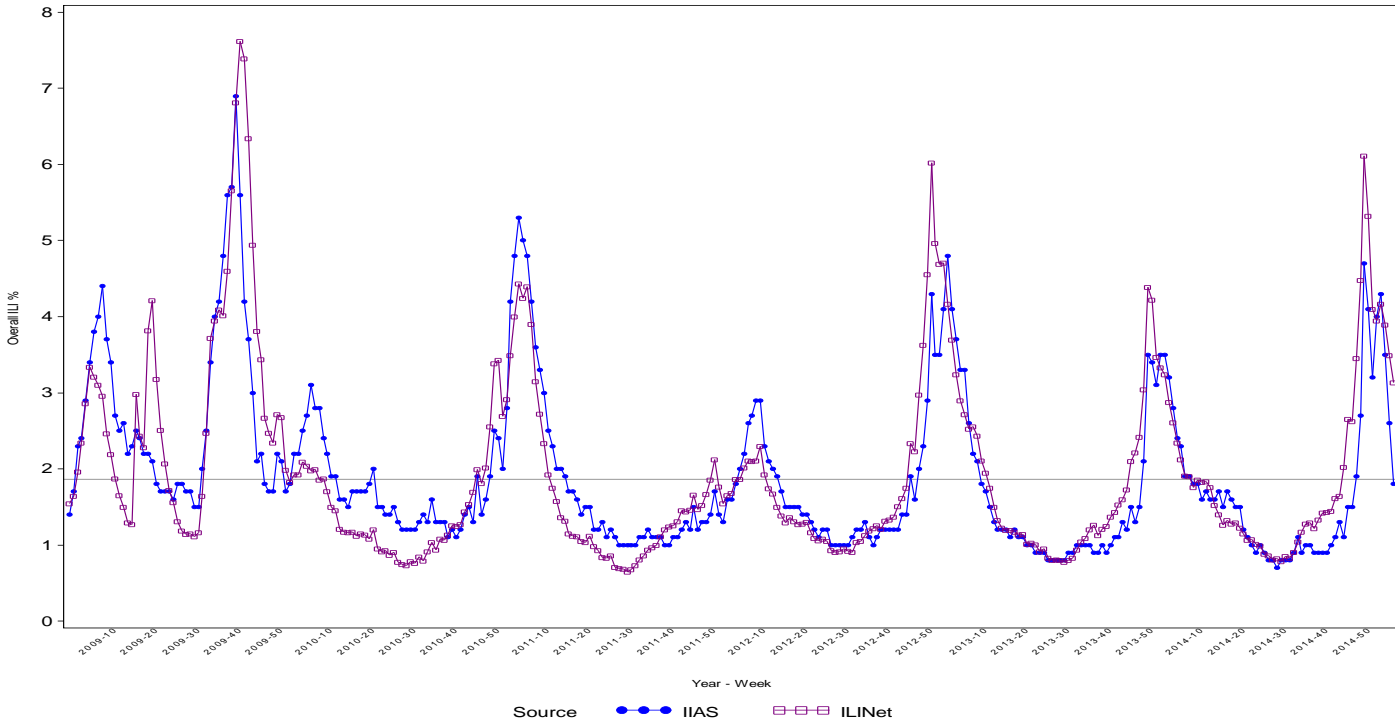
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IAS
 09/28/14 to 2/14/15



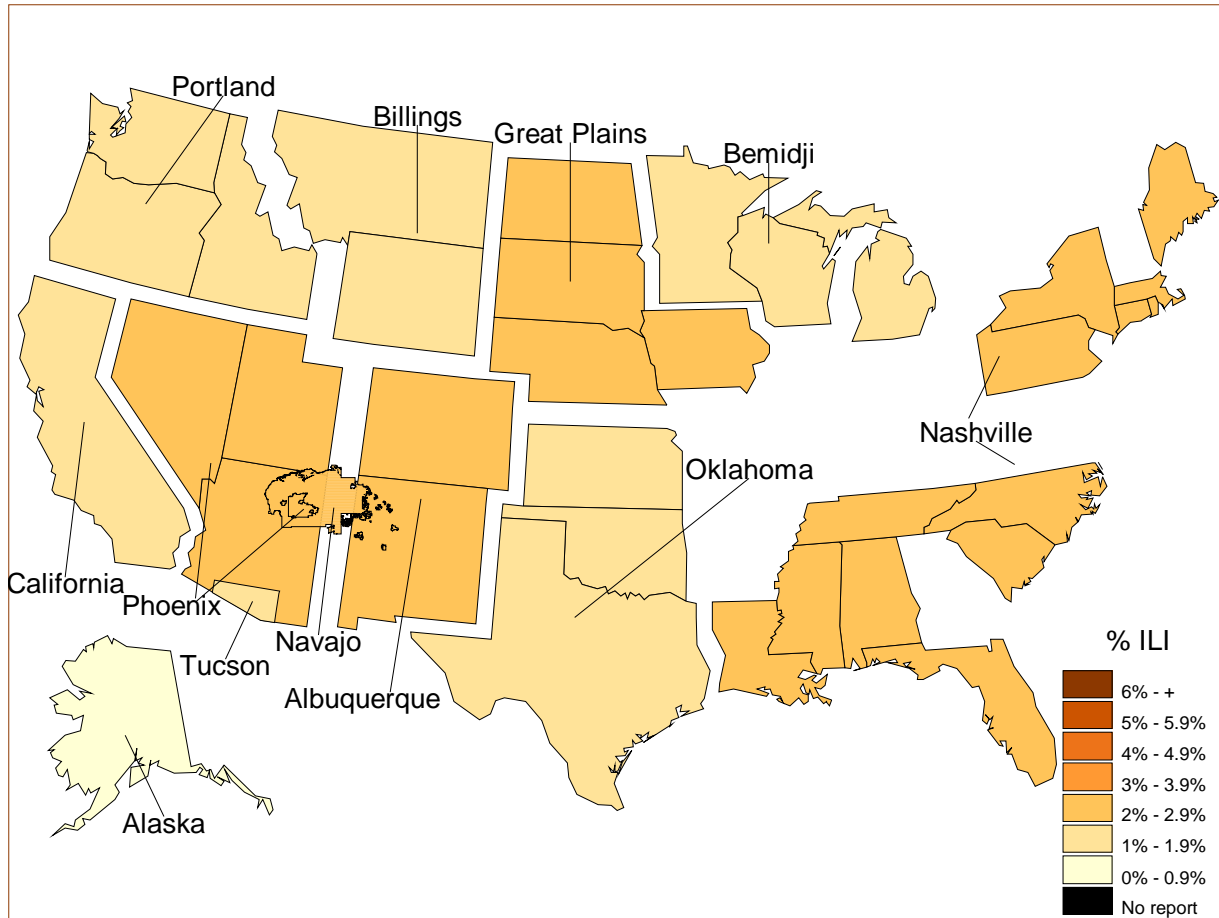
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IAS - 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 2/14/15



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: 7



% Visits for ILI Compared to Previous Week

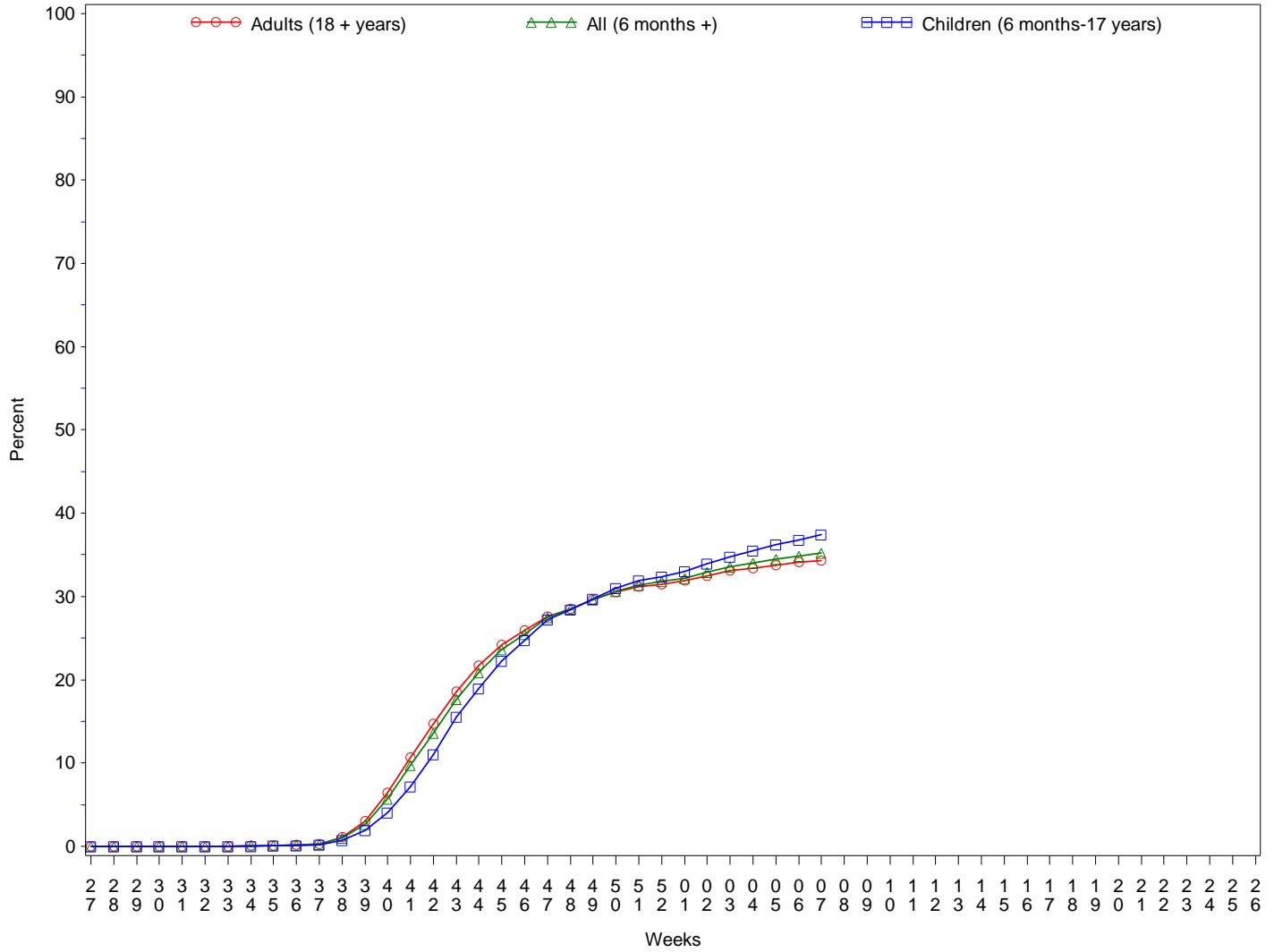
IHS Areas	% in Week 6	% in Week 7
NATIONAL	2.6	1.8
ALASKA	0.9	0.4
ALBUQUERQUE	2.9	2.3
BEMIDJI	1.3	1.6
BILLINGS	2.2	1.8
CALIFORNIA	2.4	1.5
GREAT PLAINS	3.1	2.3
NASHVILLE	2.2	2.0
NAVAJO	3.3	2.8
OKLAHOMA	2.5	1.3
PHOENIX	2.8	2.0
PORTLAND	2.4	1.4
TUCSON	1.8	1.5

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

IHS Influenza Vaccination Surveillance

- As of 2/14/2015, sites reporting to the IIAS have administered 430,080 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 2/14/15
 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	5,463	129	2.4	4	0.1	133
6 - 23 months	27,074	16,217	59.9	4,267	15.8	20,528
2 - 4 years	65,885	22,725	34.5	569	0.9	23,374
5 - 17 years	247,192	88,246	35.7	886	0.4	89,470
18 - 49 years	521,918	141,271	27.1	1,611	0.3	143,427
50 - 64 years	210,404	90,806	43.2	1,063	0.5	92,273
65 + years	117,529	59,789	50.9	848	0.7	61,008
Children (6 months-17 years)	340,151	127,188	37.4	5,722	1.7	133,372
Adults (18 + years)	849,851	291,866	34.3	3,522	0.4	296,708
All (6 months +)	1,190,002	419,054	35.2	9,244	0.8	430,080

* 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	58	167	9	351	34	4482	.	852	2681	115	3	4540	2	1	188	152	13635
ALB	128	349	15	1142	660	15851	252	2666	6570	1	1	2818	62	.	142	219	30876
BEM	157	302	61	391	755	9080	46	1485	2239	6	1	720	16	.	768	109	16136
BIL	114	210	7	961	312	5386	1	2243	11854	1	.	1197	.	1	117	157	22561
CAO	141	258	5	1051	1705	14494	550	2378	4246	1	2	1567	67	.	379	498	27342
GPA	47	242	15	502	461	17012	45	3414	8579	3	3	5474	37	1	1254	68	37157
NSA	343	179	2	161	251	6793	435	692	3557	1	6	439	3	26	193	236	13317
NAV	194	551	45	468	5722	73088	.	4514	8775	2	1	6563	374	6	567	723	101593
OKC	223	3344	112	3475	265	58872	411	5665	24453	15	4	4294	10	292	1116	218	102769
PHX	105	625	10	1611	371	19318	107	4861	22041	3	5	2529	79	10	489	588	52752
POR	207	761	113	802	1380	12662	341	2924	5579	20	13	4767	198	.	344	351	30462
TUC	.	38	2	12	16	640	1	407	7753	.	1	1052	1	1	352	24	10300
	1717	7026	396	10927	11932	237678	2189	32101	108327	168	40	35960	849	338	5909	3343	458900

* 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	186	378
ALASKA	10	35
ALBUQUERQUE	15	26
BEMIDJI	13	24
BILLINGS	13	29
CALIFORNIA	27	49
GREAT PLAINS	17	31
NASHVILLE	19	25
NAVAJO	8	33
OKLAHOMA	20	48
PHOENIX	18	36
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.