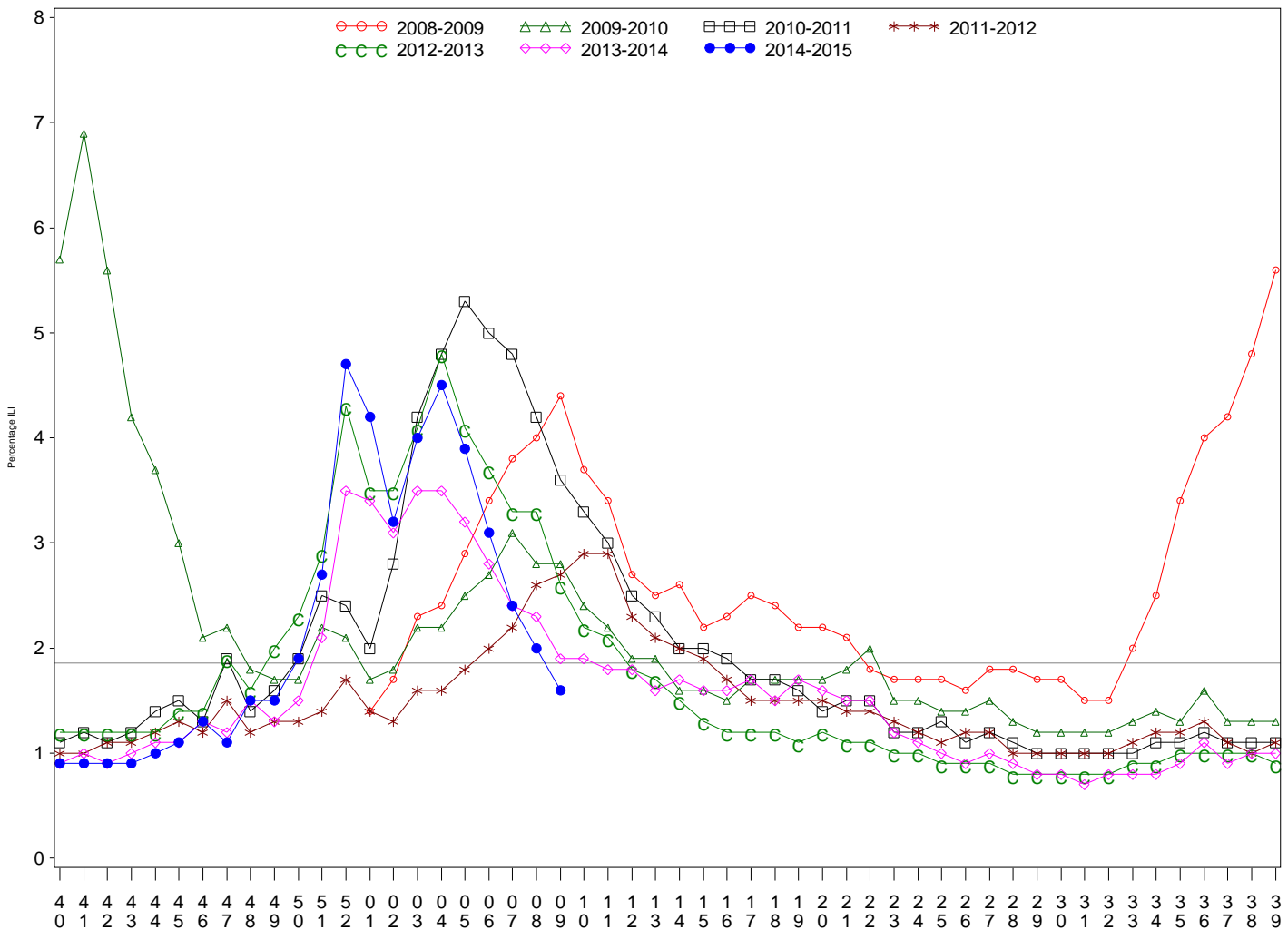




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#22 (Week 9: 6/29/2014 – 2/28/2015)

- 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 438,000 influenza vaccines this season.
- Overall, 35.8% of the IHS Active Clinical population received an influenza vaccine this season.

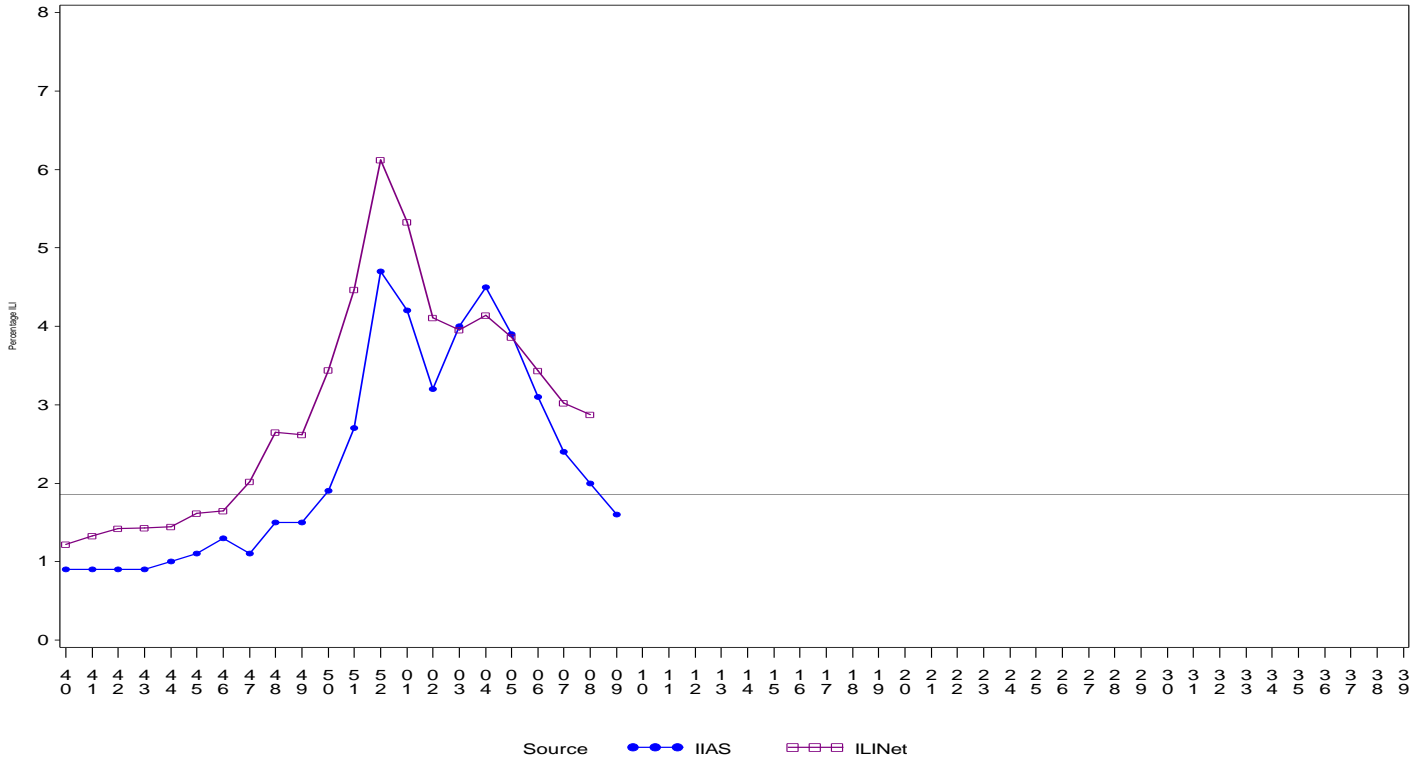
All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 2/28/15



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.

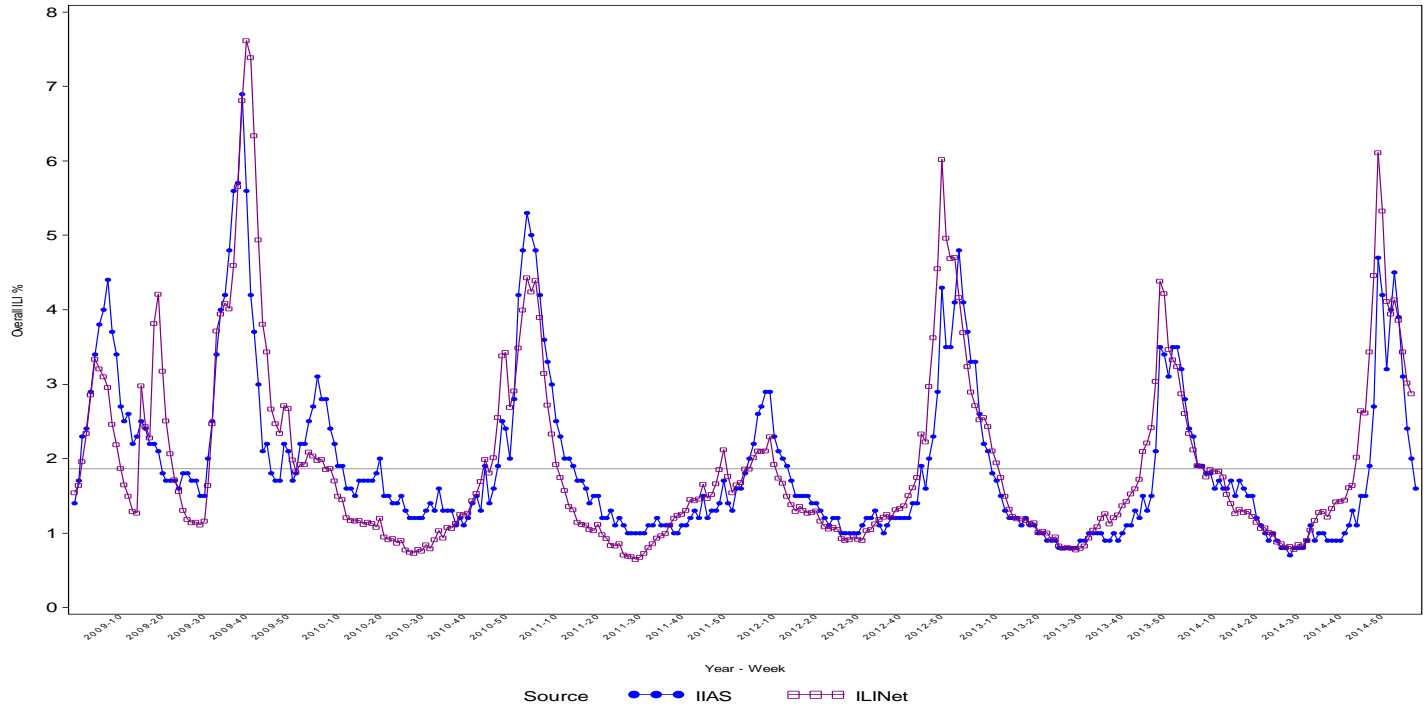
Proportion of Outpatient Visits for Influenza-Like Illness (ILI)

Percent ILI for FluYear 2014 - 2015
ILINet vs. IIAS
09/28/14 to 2/28/15



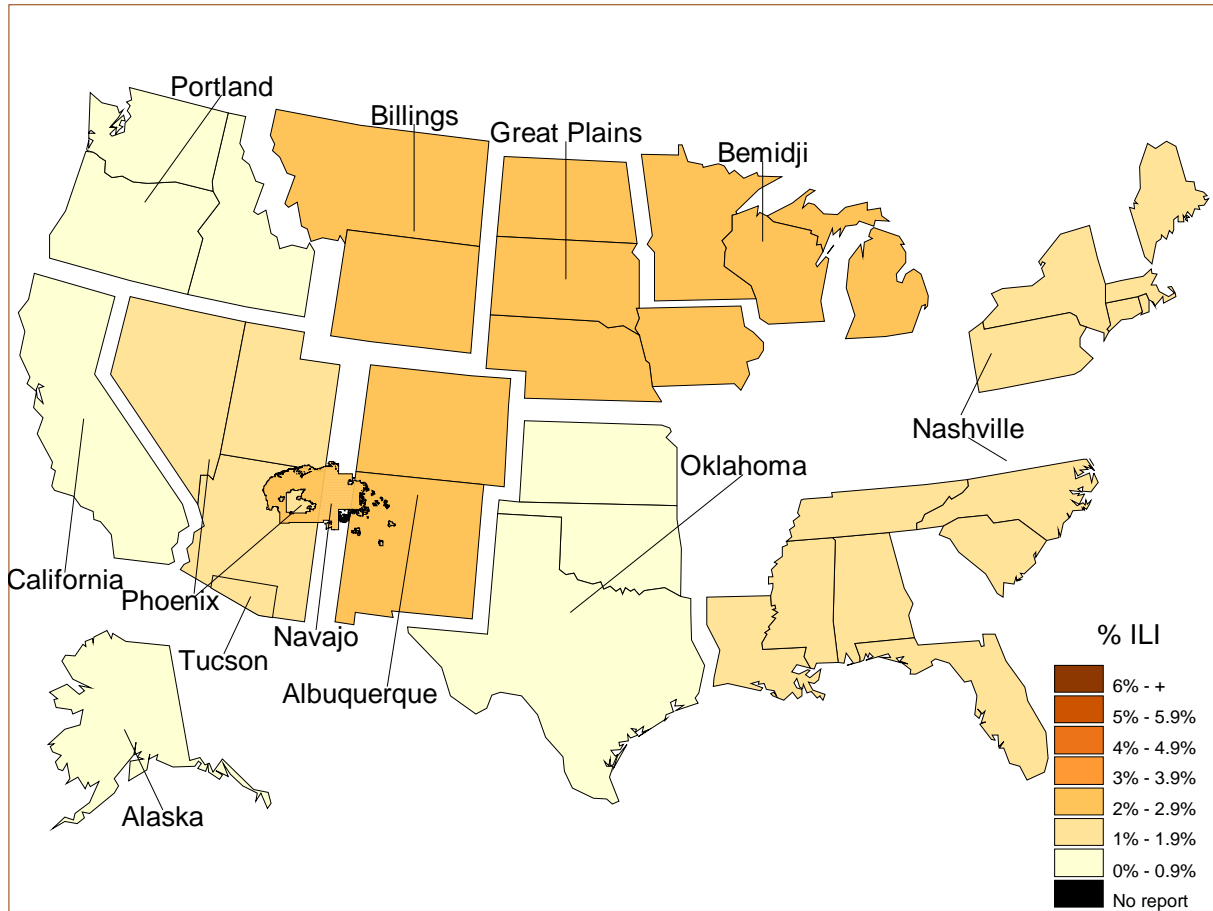
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard 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 2/28/15



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: 9



% Visits for ILI Compared to Previous Week

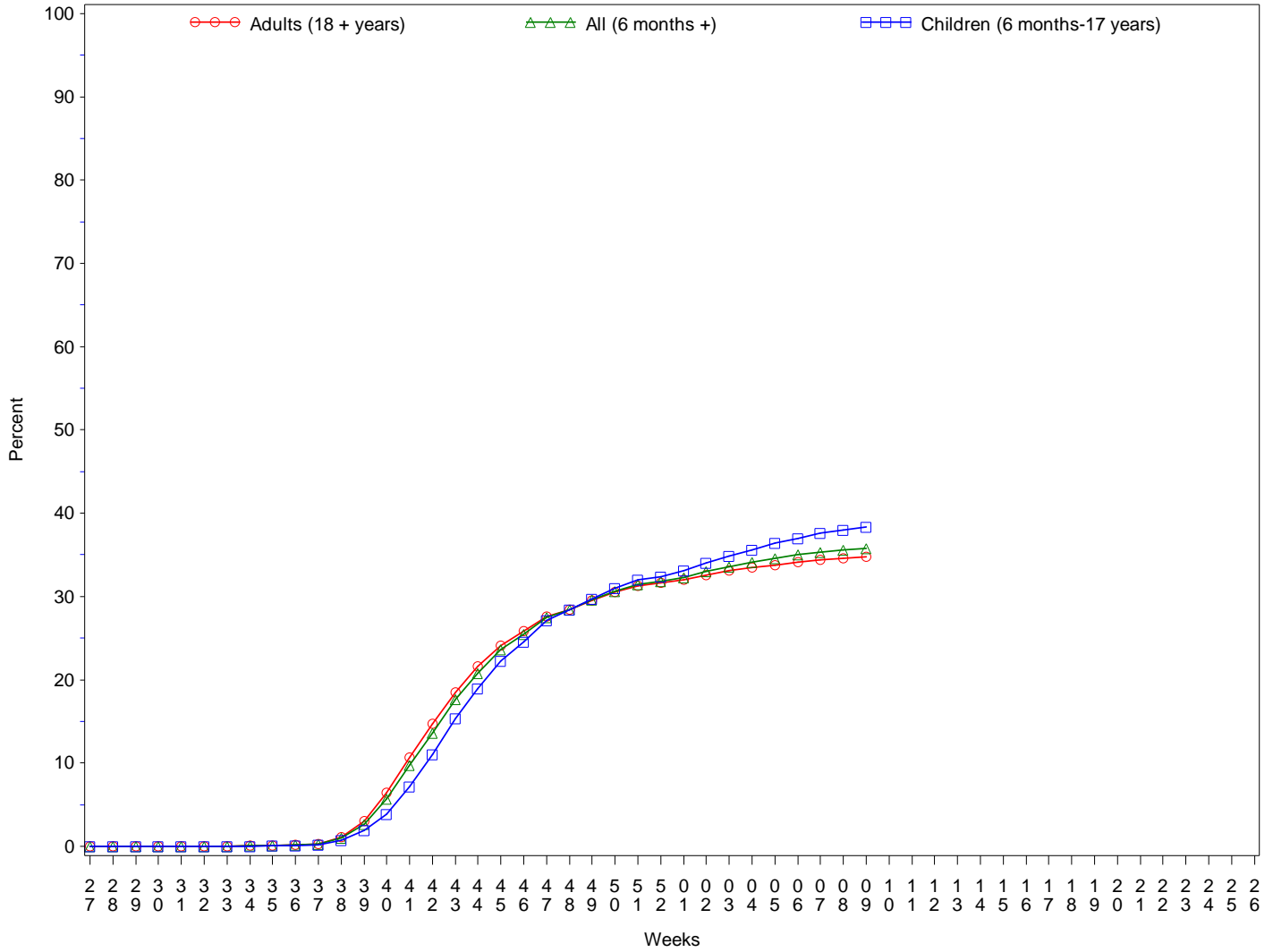
IHS Areas	% in Week 8	% in Week 9
NATIONAL	2.0	1.6
ALASKA	0.5	0.7
ALBUQUERQUE	1.9	2.0
BEMIDJI	2.5	2.2
BILLINGS	2.3	2.1
CALIFORNIA	1.4	0.9
GREAT PLAINS	2.2	2.1
NASHVILLE	2.1	1.9
NAVAJO	3.0	2.6
OKLAHOMA	1.4	0.8
PHOENIX	2.2	1.8
PORTLAND	1.5	0.9
TUCSON	1.8	1.1

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

IHS Influenza Vaccination Surveillance

- As of 2/28/2015, sites reporting to the IIAS have administered 438,677 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 2/28/15
 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	143	2.6	4	0.1	147
6 - 23 months	27,220	17,055	62.7	4,806	17.7	21,911
2 - 4 years	65,796	23,504	35.7	634	1.0	24,220
5 - 17 years	247,727	90,186	36.4	930	0.4	91,467
18 - 49 years	521,884	143,886	27.6	1,668	0.3	146,120
50 - 64 years	210,964	91,859	43.5	1,094	0.5	93,369
65 + years	117,924	60,332	51.2	882	0.7	61,590
Children (6 months-17 years)	340,743	130,745	38.4	6,370	1.9	137,598
Adults (18 + years)	850,772	296,077	34.8	3,644	0.4	301,079
All (6 months +)	1,191,515	426,822	35.8	10,014	0.8	438,677

* 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	361	38	4625	.	941	3031	119	3	5002	2	1	197	162	14755
ALB	128	362	15	1152	749	16068	252	2666	6843	1	1	2922	68	.	145	225	31597
BEM	157	303	61	393	776	9122	46	1511	2273	6	1	741	16	.	771	109	16286
BIL	114	214	7	963	317	5456	1	2262	12173	1	.	1250	.	1	118	165	23042
CAO	152	265	5	1057	1803	14686	557	2408	4412	1	2	1629	79	.	388	525	27969
GPA	47	293	16	505	461	17493	45	3430	8819	3	3	5586	45	1	1273	69	38089
NSA	352	179	2	161	251	6839	439	692	3625	1	6	439	3	26	195	236	13446
NAV	204	588	46	478	5901	73959	.	4574	9212	3	1	6696	432	7	586	741	103428
OKC	233	3398	112	3489	267	59439	416	5688	24733	17	4	4348	13	292	1143	221	103813
PHX	119	647	10	1634	400	19626	108	4943	22635	3	6	2600	126	10	499	593	53959
POR	210	780	114	807	1411	12868	343	2983	5691	21	13	4855	215	.	350	357	31018
TUC	.	39	2	12	16	667	1	418	7958	.	2	1060	1	1	365	28	10570
	1804	7244	399	11012	12390	240848	2208	32516	111405	176	42	37128	1000	339	6030	3431	467972

* 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	176	391
ALASKA	11	75
ALBUQUERQUE	15	25
BEMIDJI	4	9
BILLINGS	13	29
CALIFORNIA	27	49
GREAT PLAINS	17	32
NASHVILLE	18	23
NAVAJO	7	30
OKLAHOMA	19	43
PHOENIX	18	33
PORTLAND	25	34
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.