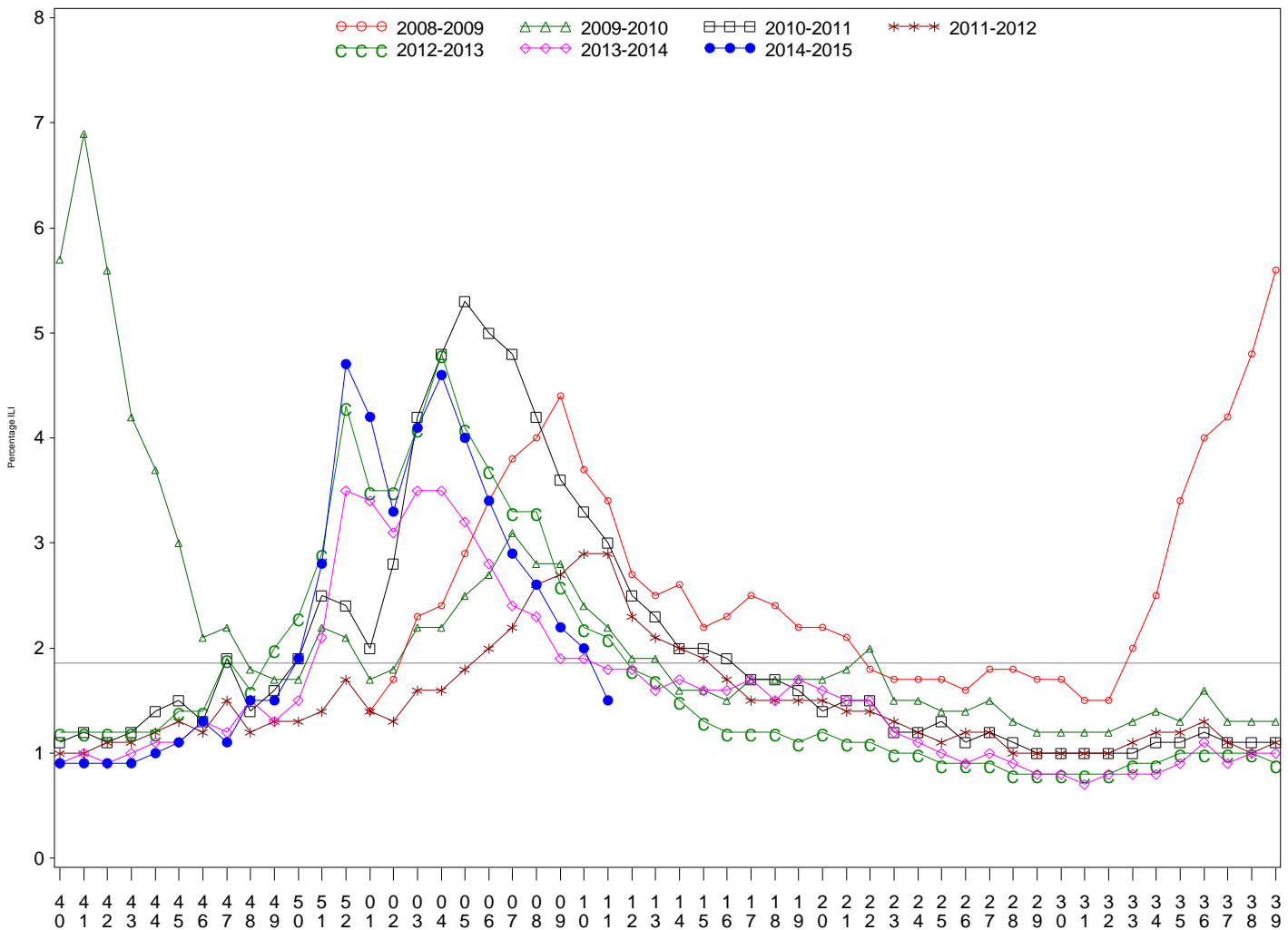




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#24 (Week 11: 6/29/2014 – 3/14/2015)

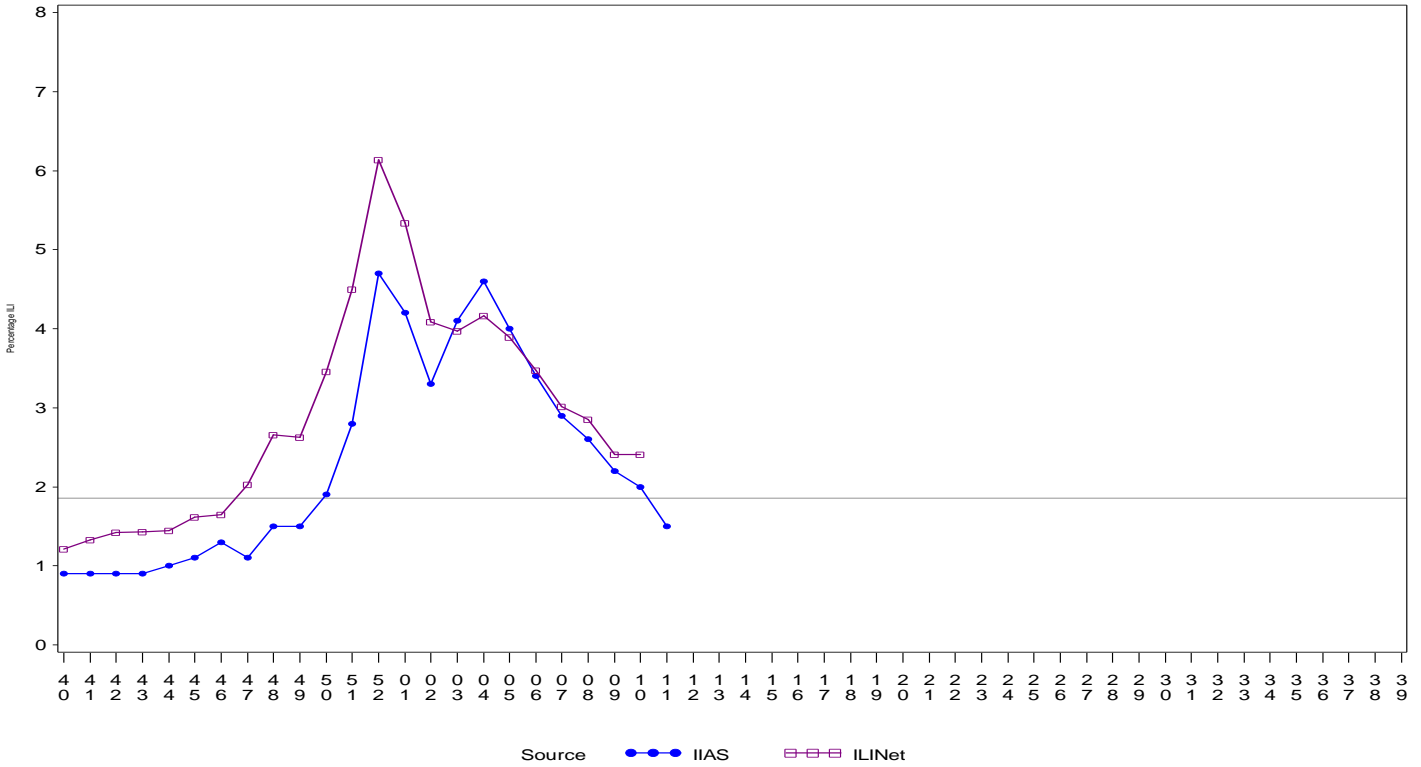
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining, but remains elevated in some regions.
- To date IHS has administered over 445,000 influenza vaccines this season.
- Overall, 36.3% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 3/14/15



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.

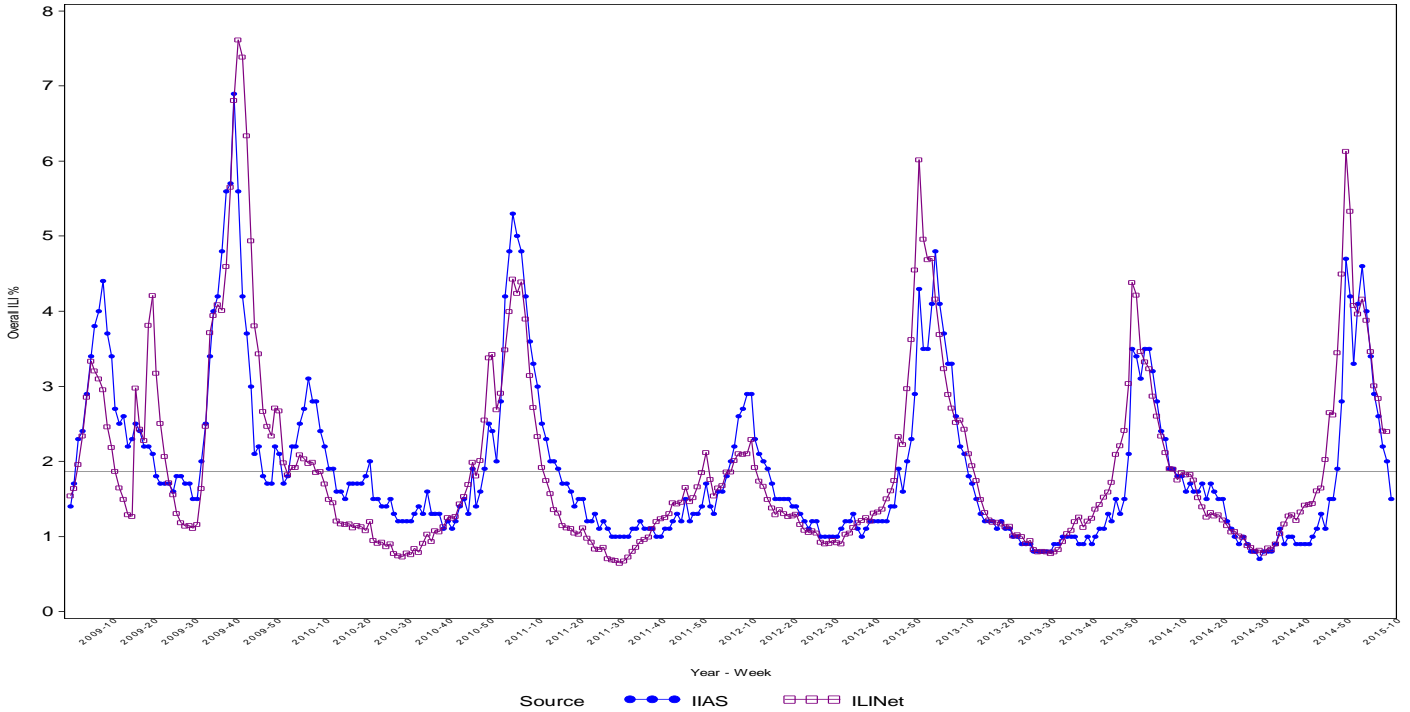
Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 3/14/15



Source: IIAS (blue circles), ILINet (pink squares)

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

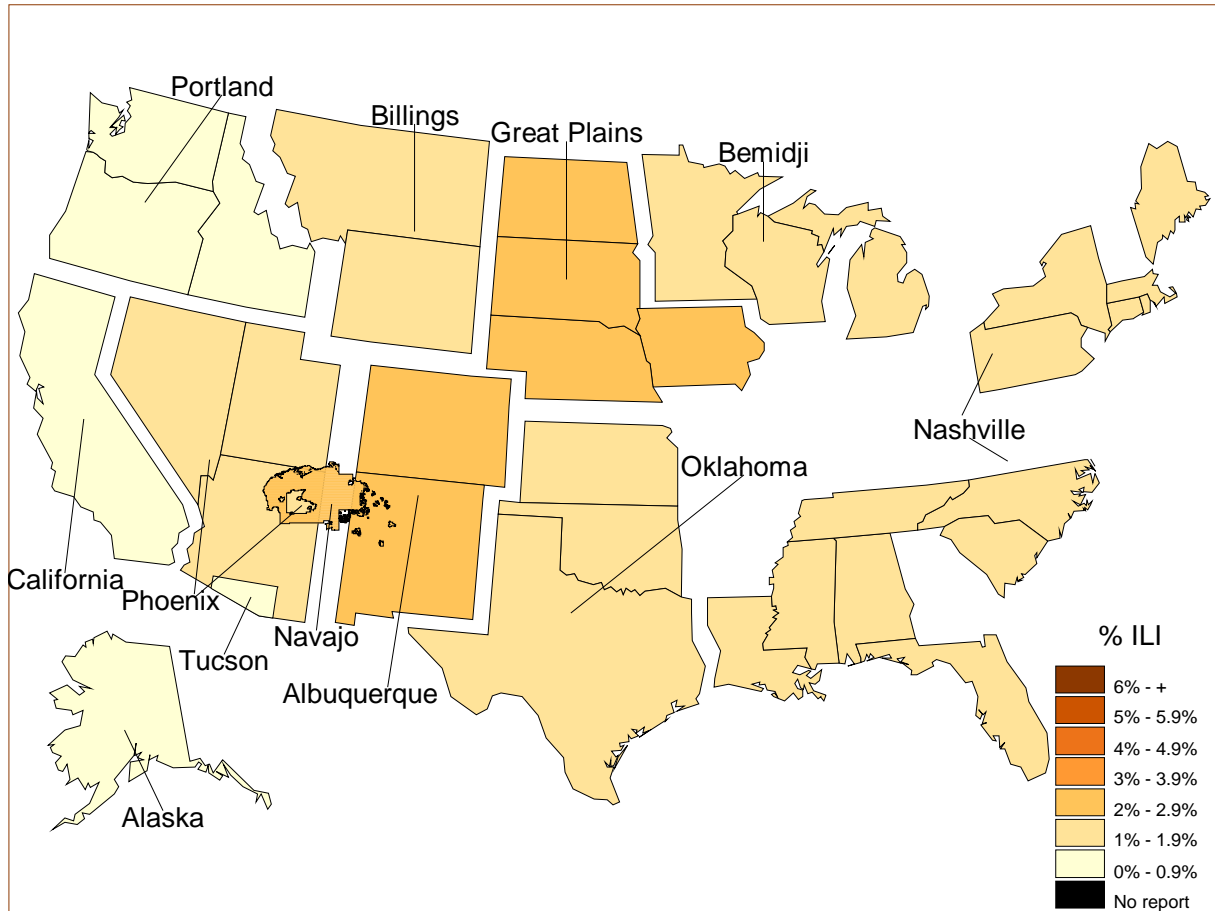
IIAS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 3/14/15



Source: IIAS (blue circles), ILINet (pink squares)

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: 11



% Visits for ILI Compared to Previous Week

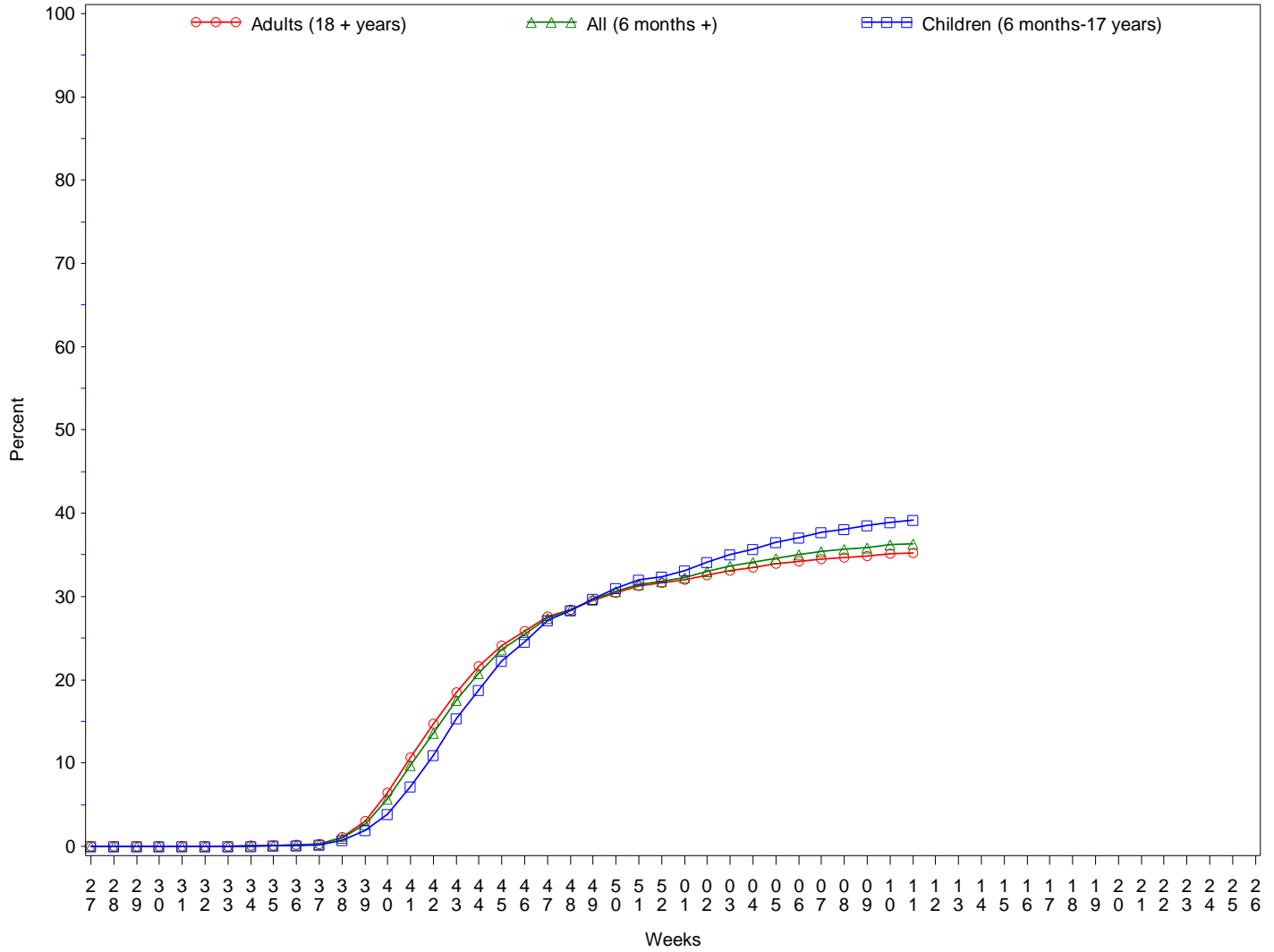
IHS Areas	% in Week 10	% in Week 11
NATIONAL	2.0	1.5
ALASKA	1.3	0.7
ALBUQUERQUE	2.5	2.0
BEMIDJI	1.4	1.9
BILLINGS	2.2	1.8
CALIFORNIA	1.0	0.8
GREAT PLAINS	2.4	2.0
NASHVILLE	2.1	1.7
NAVAJO	3.2	2.3
OKLAHOMA	1.5	1.0
PHOENIX	1.8	1.5
PORTLAND	1.2	0.9
TUCSON	1.6	0.6

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

IHS Influenza Vaccination Surveillance

- As of 3/14/2015, sites reporting to the IAS have administered 445,726 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 3/14/15
 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	5,483	174	3.2	4	0.1	180
6 - 23 months	27,259	17,695	64.9	5,303	19.5	23,051
2 - 4 years	65,768	24,194	36.8	698	1.1	24,975
5 - 17 years	247,803	91,636	37.0	975	0.4	92,965
18 - 49 years	522,031	146,118	28.0	1,730	0.3	148,419
50 - 64 years	211,082	92,710	43.9	1,130	0.5	94,256
65 + years	117,985	60,749	51.5	930	0.8	62,060
Children (6 months-17 years)	340,830	133,525	39.2	6,976	2.0	140,991
Adults (18 + years)	851,098	299,577	35.2	3,790	0.4	304,735
All (6 months +)	1,191,928	433,102	36.3	10,766	0.9	445,726

* 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	363	43	4645	.	941	3050	119	3	5080	2	1	199	163	14884
ALB	128	369	15	1163	826	16225	252	2663	7066	1	1	3005	77	.	147	242	32180
BEM	159	304	62	395	796	9418	46	1668	2407	6	1	763	17	.	772	113	16927
BIL	117	219	7	969	318	5526	1	2275	12495	1	.	1298	21	1	123	170	23541
CAO	156	268	5	1063	1896	14817	563	2431	4522	1	2	1667	84	.	396	543	28414
GPA	50	324	16	506	464	17742	45	3442	9034	3	3	5701	64	2	1284	69	38749
NSA	358	186	2	162	252	6894	444	692	3667	1	6	441	3	26	197	238	13569
NAV	208	584	48	488	6124	74854	.	4582	9488	4	1	6843	484	7	594	765	105074
OKC	245	3533	112	3501	269	59973	417	5713	24977	18	4	4413	14	305	1168	221	104883
PHX	121	668	10	1643	434	19903	108	5026	23175	3	6	2646	166	10	504	598	55021
POR	213	790	114	809	1432	13048	343	3021	5767	21	13	4932	234	.	352	357	31446
TUC	.	39	2	12	16	668	1	421	8181	.	2	1062	1	2	368	29	10804
	1845	7460	402	11074	12870	243713	2220	32875	113829	178	42	37851	1167	354	6104	3508	475492

* 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	175	367
ALASKA	9	49
ALBUQUERQUE	15	25
BEMIDJI	6	11
BILLINGS	13	28
CALIFORNIA	26	49
GREAT PLAINS	17	32
NASHVILLE	18	22
NAVAJO	8	32
OKLAHOMA	19	43
PHOENIX	18	34
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.