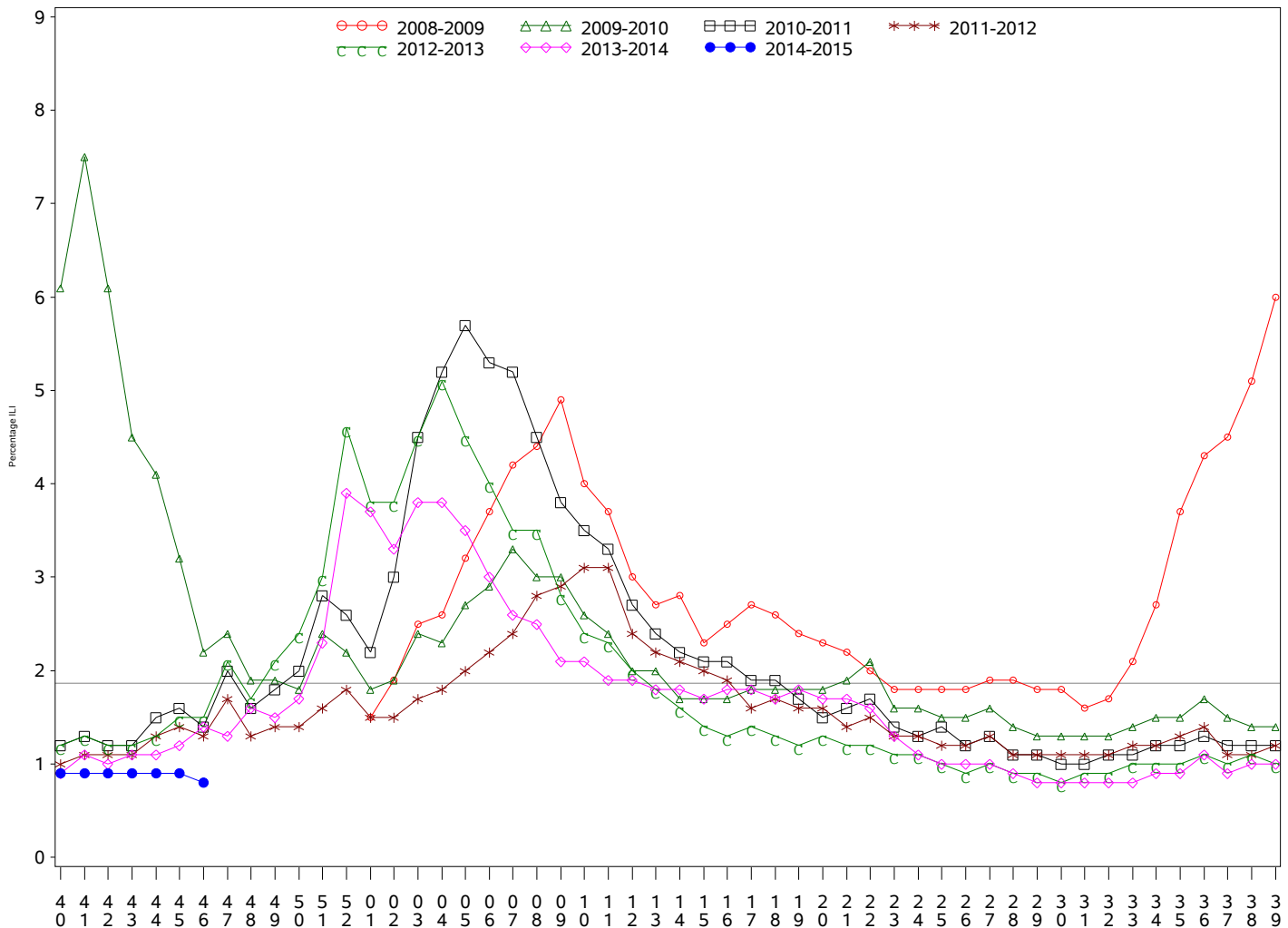




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#7 (Week 46: 6/29/2014 – 11/15/2014)

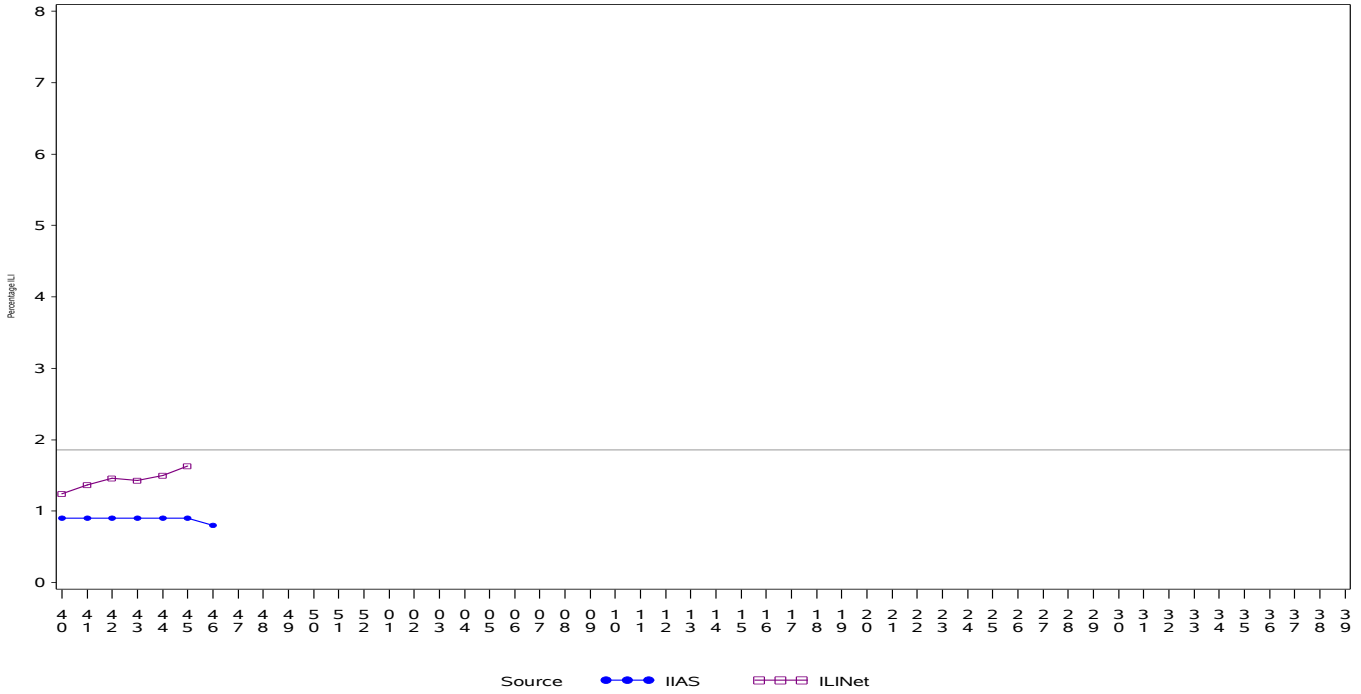
- Overall influenza-like-illness (ILI) activity in IHS and the U.S. is low.
- To date IHS has administered over 276,000 influenza vaccines this season.
- Overall, 23.2% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
Influenza-Like Illness (ILI) for All Surveillance Years
Percentage of Visits for ILI per week
01/04/09 to 11/15/14



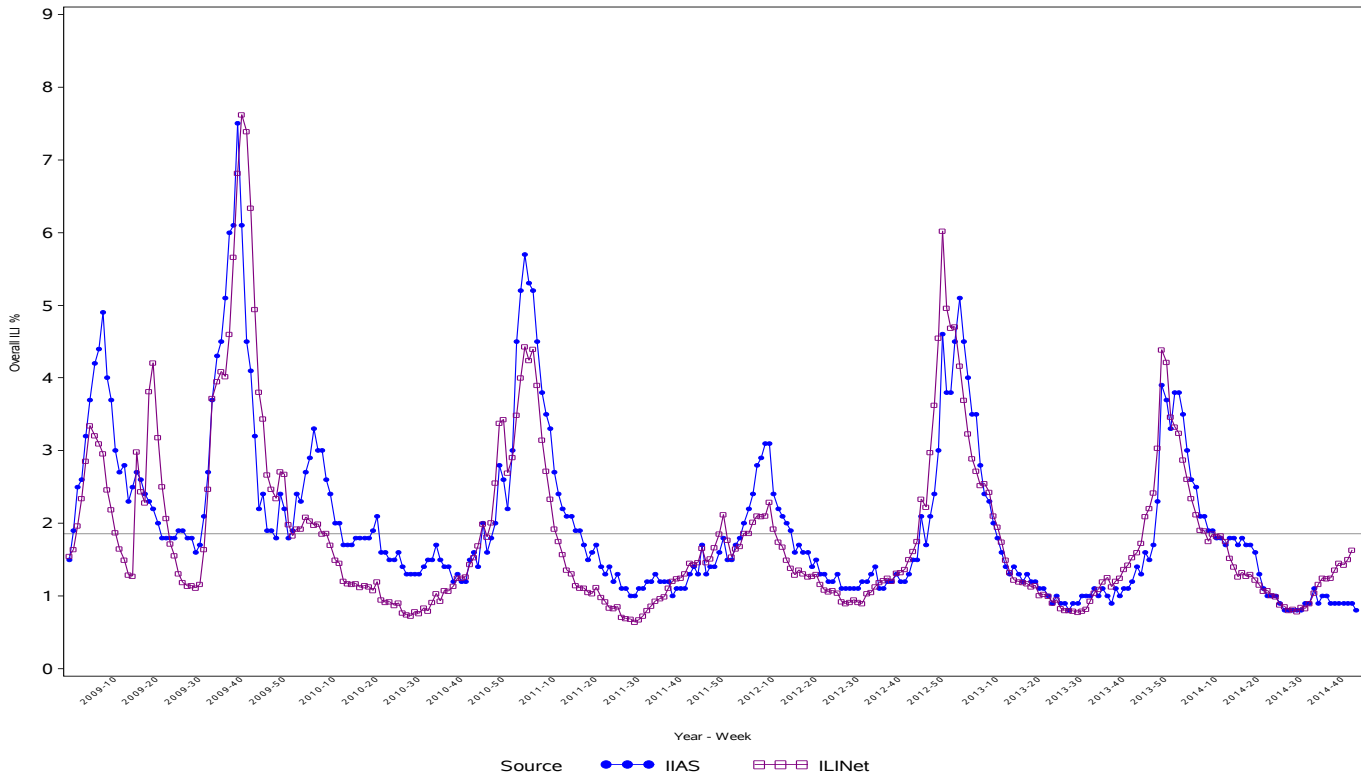
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for FluYear 2014 - 2015
ILINet vs. IIAS
09/28/14 to 11/15/14



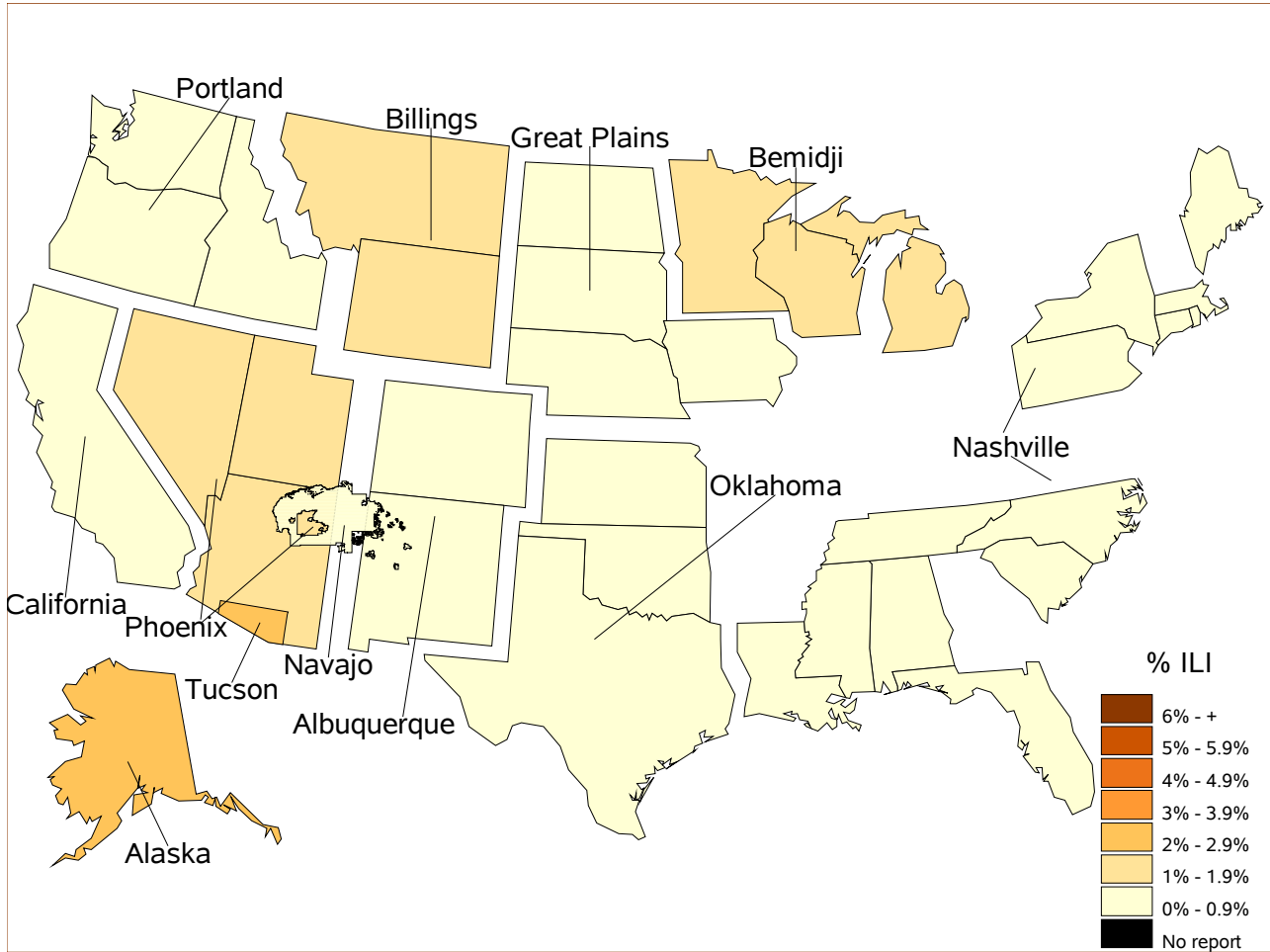
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, 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 11/15/14



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 Region
For Week: 46**



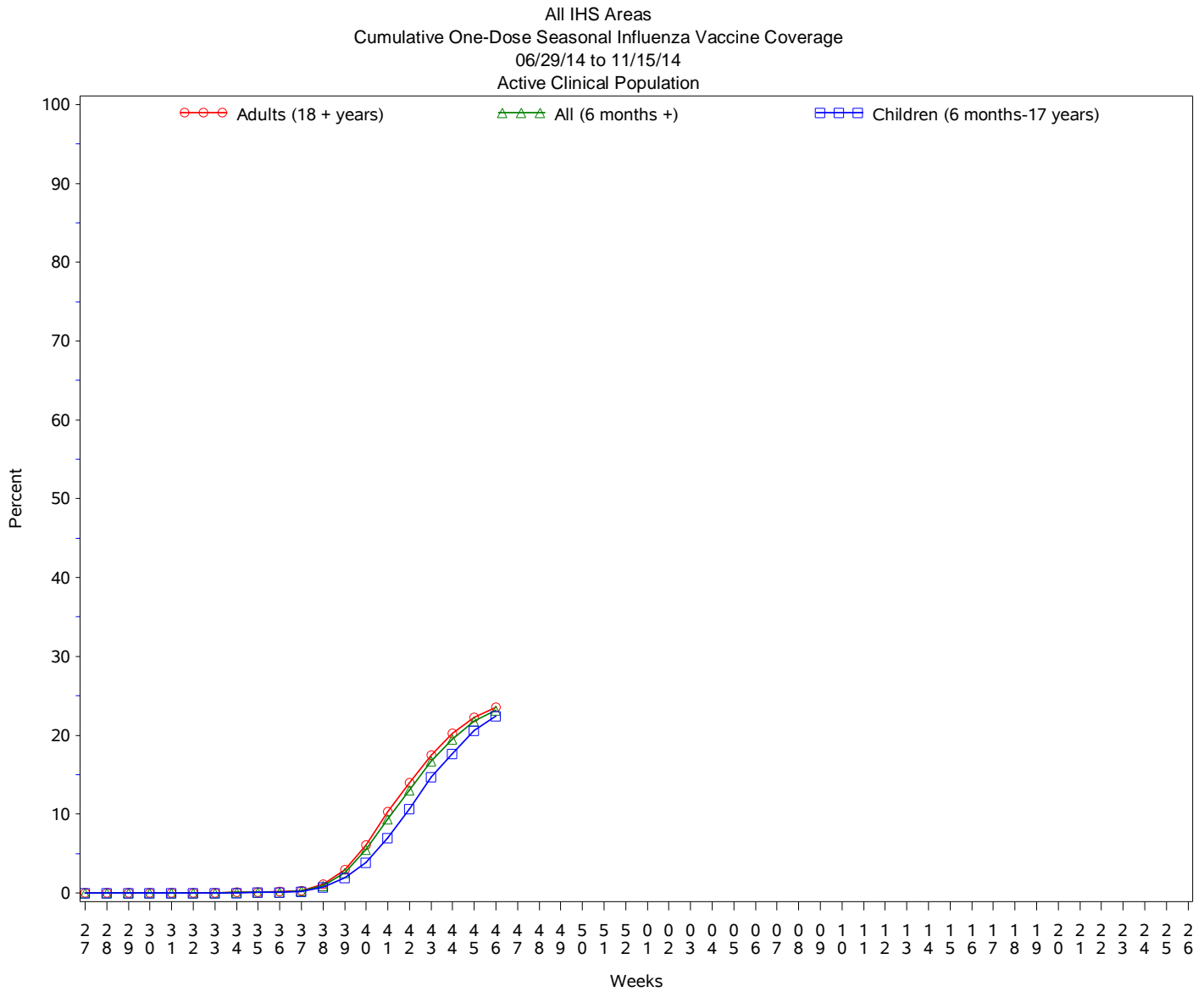
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 45	% in Week 46
NATIONAL	0.9	0.8
ALASKA	1.4	2.0
ALBUQUERQUE	0.5	0.6
BEMIDJI	0.5	1.0
BILLINGS	1.0	1.0
CALIFORNIA	0.8	0.6
GREAT PLAINS	1.0	0.8
NASHVILLE	1.0	0.9
NAVAJO	0.9	0.8
OKLAHOMA	0.4	0.3
PHOENIX	1.2	1.3
PORTLAND	0.5	0.4
TUCSON	3.4	2.0

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

IHS Influenza Vaccination* Surveillance

- As of 11/15/2014, sites reporting to the IIAS have administered 276,505 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



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	5,435	58	1.1	4	0.1	62
6 - 23 months	27,137	8,019	29.6	453	1.7	8,486
2 - 4 years	65,671	12,899	19.6	119	0.2	13,054
5 - 17 years	244,493	54,515	22.3	373	0.2	55,058
18 - 49 years	518,255	91,830	17.7	614	0.1	92,805
50 - 64 years	206,972	62,612	30.3	459	0.2	63,337
65 + years	115,426	43,110	37.3	371	0.3	43,765
Children (6 months-17 years)	337,301	75,433	22.4	945	0.3	76,598
Adults (18 + years)	840,653	197,552	23.5	1,444	0.2	199,907
All (6 months +)	1,177,954	272,985	23.2	2,389	0.2	276,505

* 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	31	28	2	269	22	2394	.	467	966	89	3	3252	.	.	117	67	7707
ALB	92	110	8	866	205	10085	123	1993	3979	.	.	1757	3	.	106	112	19439
BEM	75	180	16	250	324	6129	10	834	1184	1	1	202	.	.	496	68	9770
BIL	91	57	5	791	160	3434	.	1612	7589	.	.	526	.	.	69	95	14429
CAO	75	122	3	847	804	9785	416	1506	2378	1	1	871	.	.	229	212	17250
GPA	27	67	10	389	353	10830	44	2678	5629	3	1	3426	3	1	953	49	24463
NSA	223	103	.	130	84	4826	334	563	1683	.	5	313	.	19	88	145	8516
NAV	57	172	9	304	775	55001	.	2921	4083	.	.	3962	.	1	298	399	67982
OKC	99	931	51	2756	156	36289	248	3790	16282	8	.	2568	.	86	622	100	63986
PHX	34	306	2	1121	157	12090	95	2913	13405	1	4	1317	1	5	298	426	32175
POR	151	301	48	655	921	8164	260	2008	3888	12	8	3292	1	.	308	261	20278
TUC	.	20	1	1	3	167	1	290	5009	.	.	864	.	1	125	13	6495
	955	2397	155	8379	3964	159194	1531	21575	66075	115	23	22350	8	113	3709	1947	292490

* 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 # of RPMS databases:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	181	561
ALASKA	10	64
ALBUQUERQUE	15	36
BEMIDJI	4	17
BILLINGS	13	37
CALIFORNIA	27	58
GREAT PLAINS	16	34
NASHVILLE	18	28
NAVAJO	8	127
OKLAHOMA	20	59
PHOENIX	19	41
PORTLAND	29	42
TUCSON	2	18

* Exporting databases may include data from multiple facilities.

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