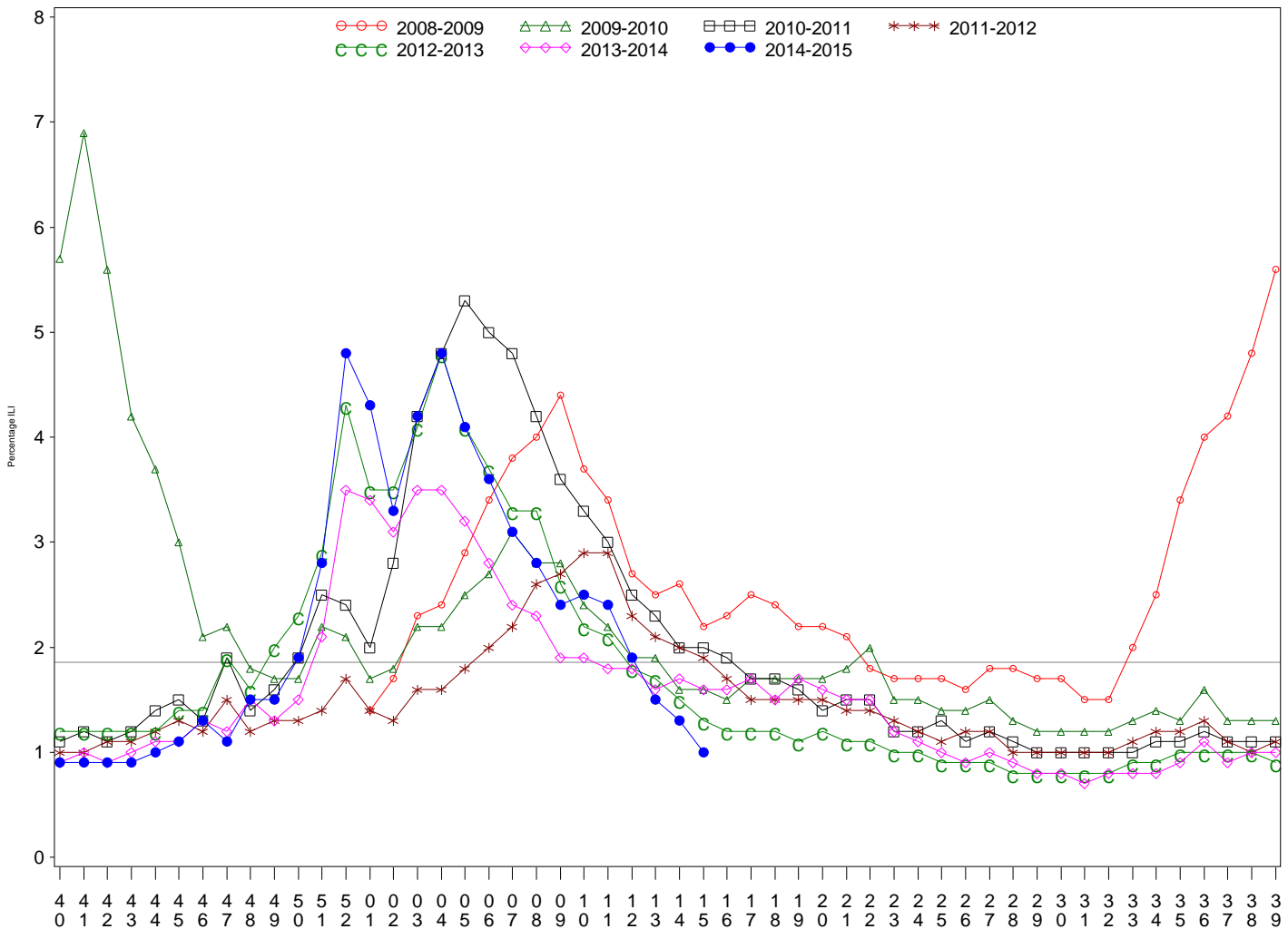




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#28 (Week 15: 6/29/2014 – 4/11/2015)

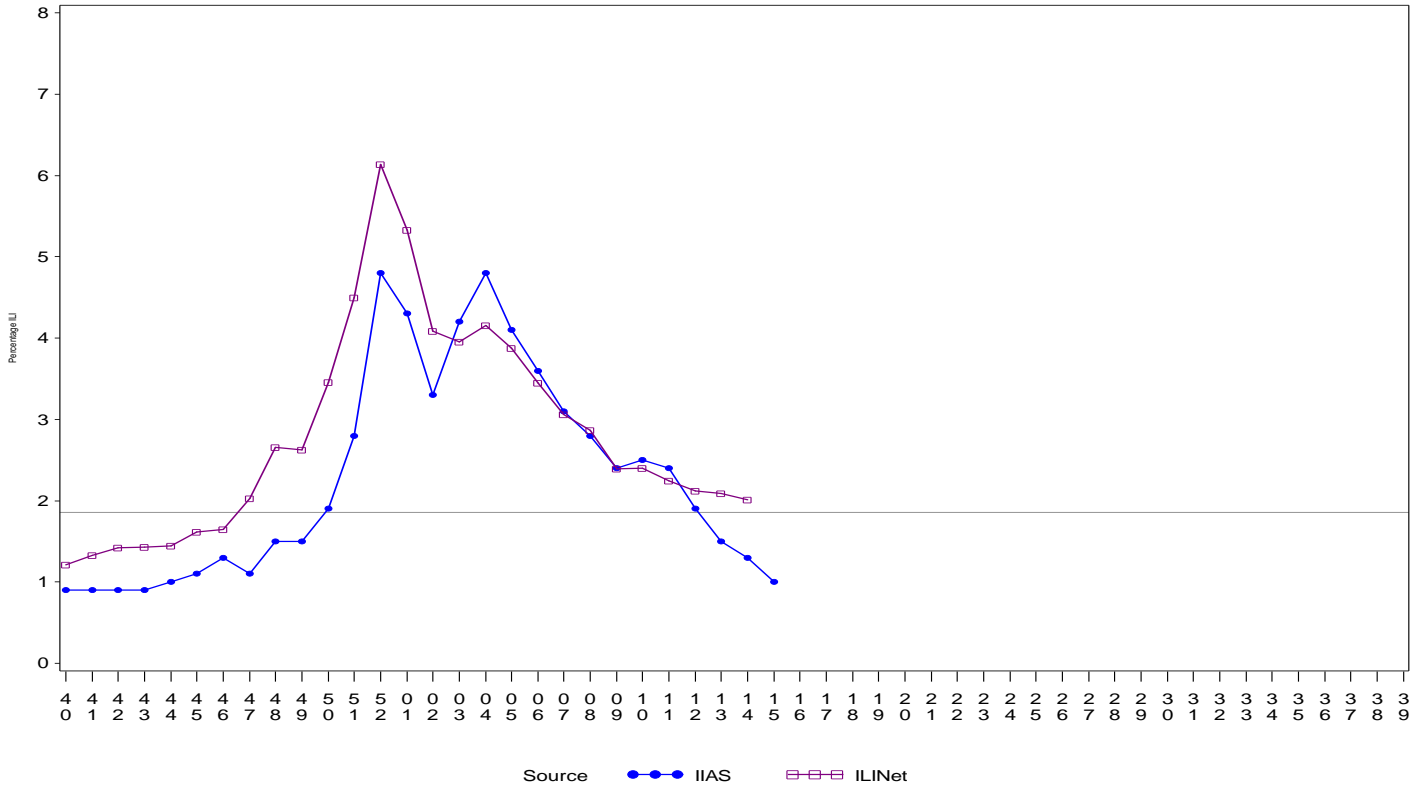
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining.
- To date IHS has administered over 452,000 influenza vaccines this season.
- Overall, 36.8% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 4/11/15



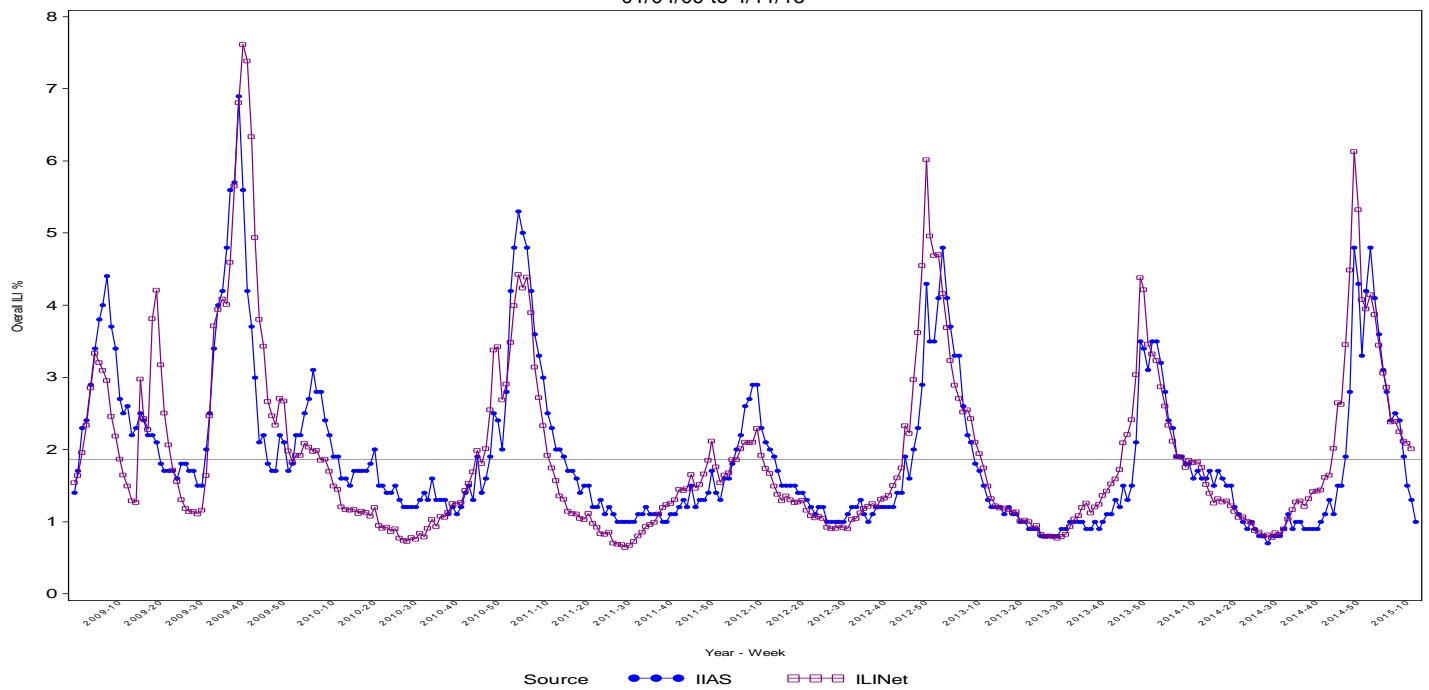
Percentage of ILI visits is number of ILI visits divided by total number of daily visits. The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 4/11/15



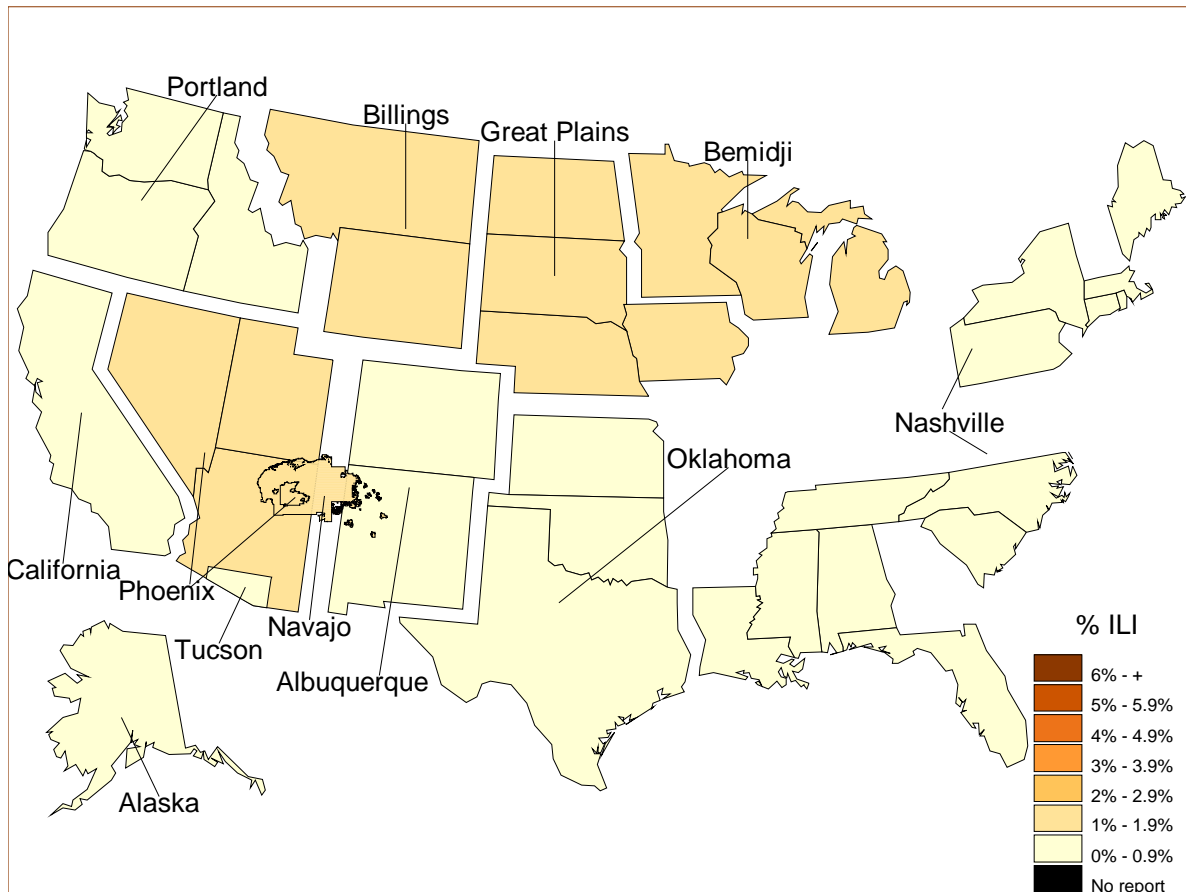
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard 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 4/11/15



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: 15



% Visits for ILI Compared to Previous Week

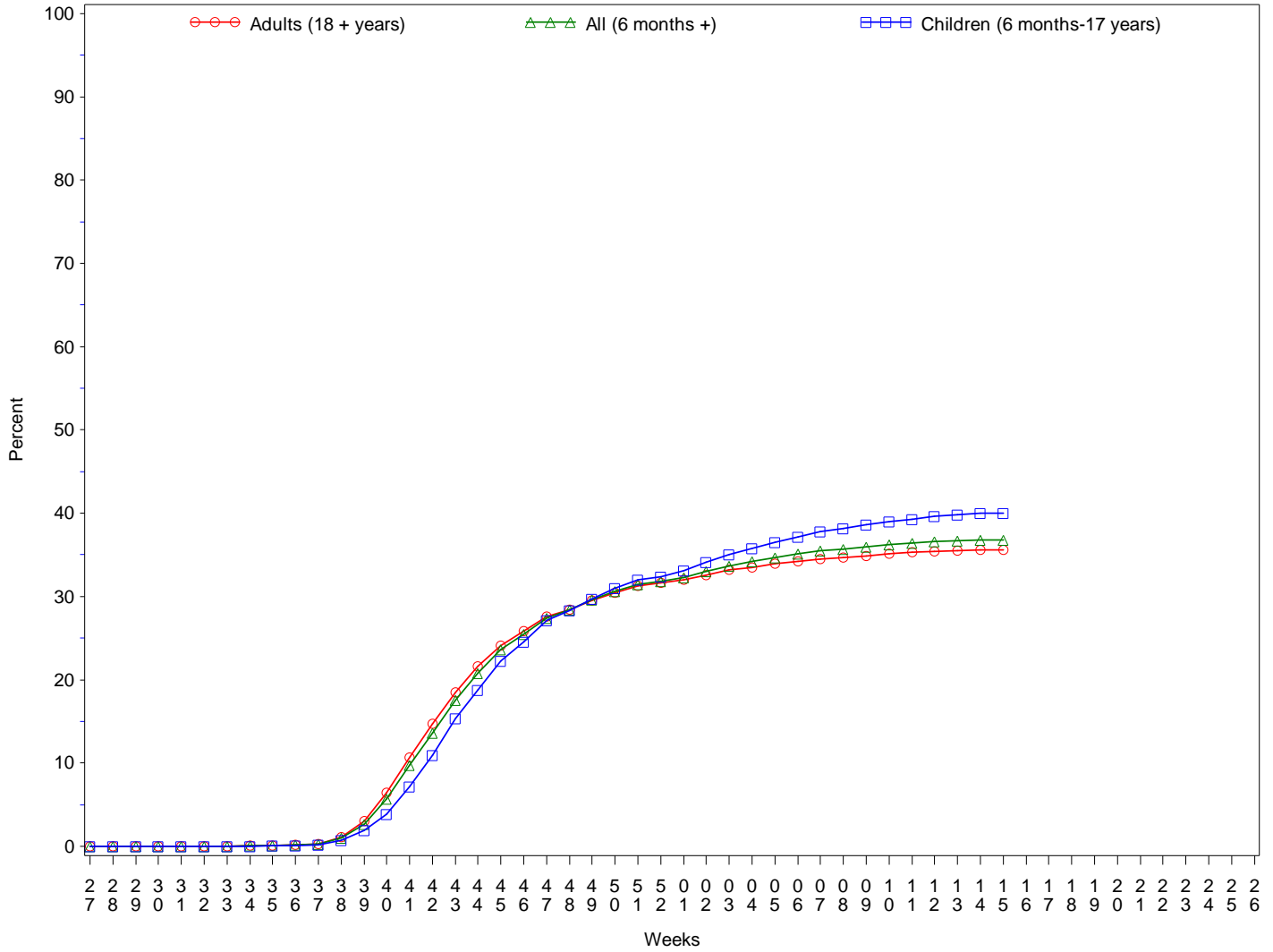
IHS Areas	% in Week 14	% in Week 15
NATIONAL	1.3	1.0
ALASKA	0.8	0.8
ALBUQUERQUE	1.6	0.9
BEMIDJI	1.5	1.5
BILLINGS	1.2	1.0
CALIFORNIA	0.6	0.7
GREAT PLAINS	1.7	1.4
NASHVILLE	1.1	0.9
NAVAJO	1.8	1.6
OKLAHOMA	0.9	0.3
PHOENIX	1.6	1.4
PORTLAND	0.7	0.9
TUCSON	1.3	0.5

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

IHS Influenza Vaccination Surveillance

- As of 4/11/2015, sites reporting to the IAS have administered 452,792 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 4/11/15
 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	5,482	214	3.9	5	0.1	221
6 - 23 months	27,383	18,431	67.3	5,938	21.7	24,426
2 - 4 years	65,742	24,839	37.8	780	1.2	25,702
5 - 17 years	247,812	93,145	37.6	1,013	0.4	94,513
18 - 49 years	521,669	148,179	28.4	1,809	0.3	150,563
50 - 64 years	211,361	93,477	44.2	1,181	0.6	95,076
65 + years	118,323	61,143	51.7	984	0.8	62,512
Children (6 months-17 years)	340,937	136,415	40.0	7,731	2.3	144,641
Adults (18 + years)	851,353	302,799	35.6	3,974	0.5	308,151
All (6 months +)	1,192,290	439,214	36.8	11,705	1.0	452,792

* 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	181	9	378	52	4732	.	941	3133	120	3	5158	2	1	209	169	15178
ALB	129	376	15	1180	855	16410	252	2663	7367	2	1	3100	82	.	149	253	32834
BEM	161	308	62	397	815	9451	46	1683	2456	6	1	776	24	.	772	114	17072
BIL	119	222	7	972	329	5613	1	2302	12932	1	.	1349	23	1	129	170	24170
CAO	160	284	5	1066	1995	14948	564	2456	4625	2	2	1701	89	.	397	565	28859
GPA	52	344	16	515	465	18096	45	3453	9259	3	3	5856	103	2	1304	69	39585
NSA	358	187	2	162	255	6932	448	693	3703	1	7	443	3	26	200	239	13659
NAV	218	603	48	490	6410	75763	.	4586	9757	7	1	6941	555	9	620	800	106808
OKC	251	3669	112	3515	271	60475	417	5754	25188	19	4	4477	15	347	1194	224	105932
PHX	129	687	10	1648	580	20146	109	5085	23505	4	6	2700	219	10	511	609	55958
POR	214	791	116	810	1455	13195	344	3055	5840	22	13	4995	251	.	354	360	31815
TUC	.	39	2	12	22	716	1	421	8395	.	2	1068	1	2	410	31	11122
	1881	7691	404	11145	13504	246477	2227	33092	116160	187	43	38564	1367	398	6249	3603	482992

* 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	169	359
ALASKA	10	49
ALBUQUERQUE	13	18
BEMIDJI	5	14
BILLINGS	13	29
CALIFORNIA	26	49
GREAT PLAINS	17	31
NASHVILLE	15	20
NAVAJO	8	31
OKLAHOMA	19	43
PHOENIX	17	32
PORTLAND	24	33
TUCSON	2	10

* Exporting databases may include data from multiple facilities.

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