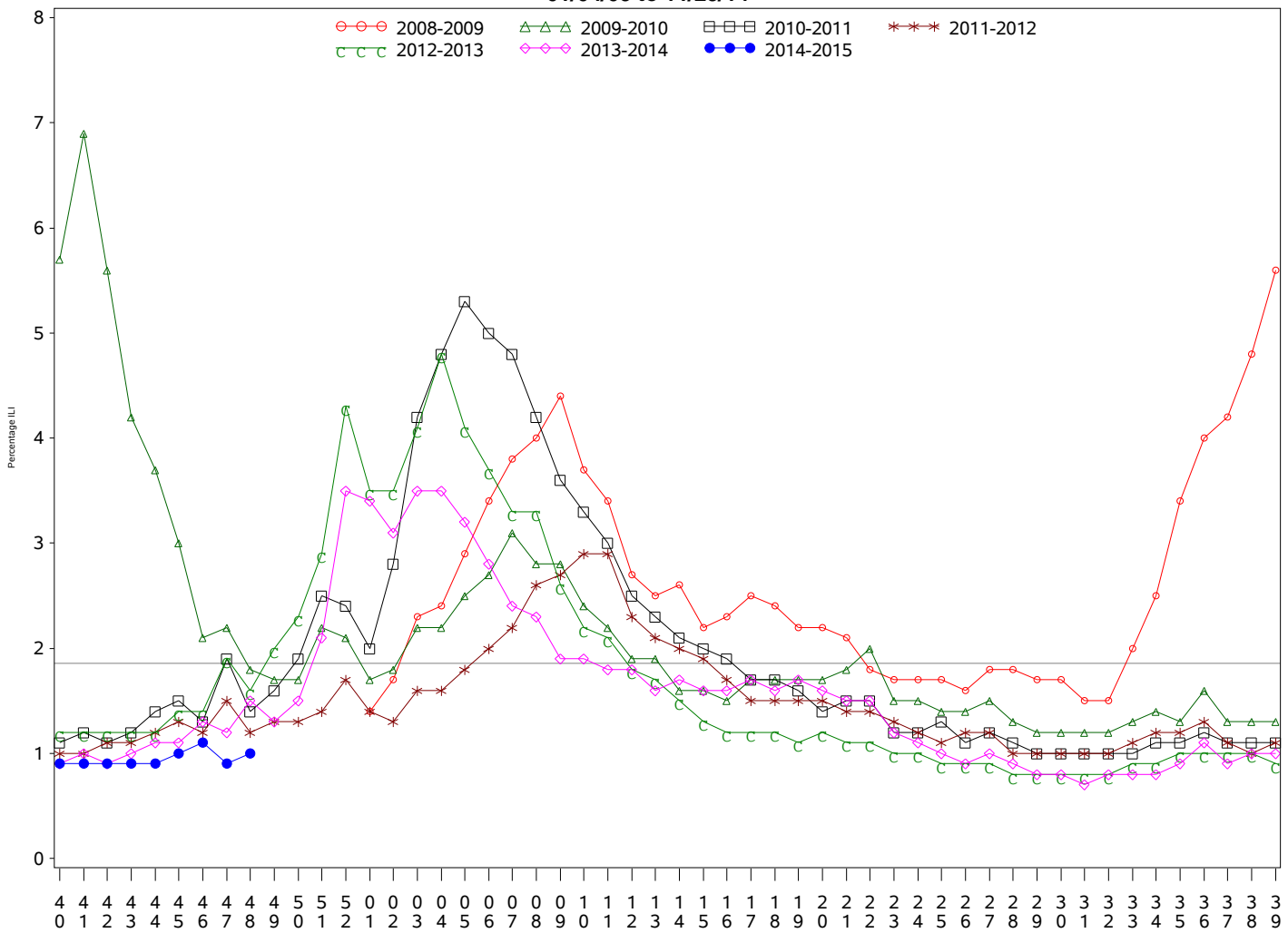




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#9 (Week 48: 6/29/2014 – 11/29/2014)

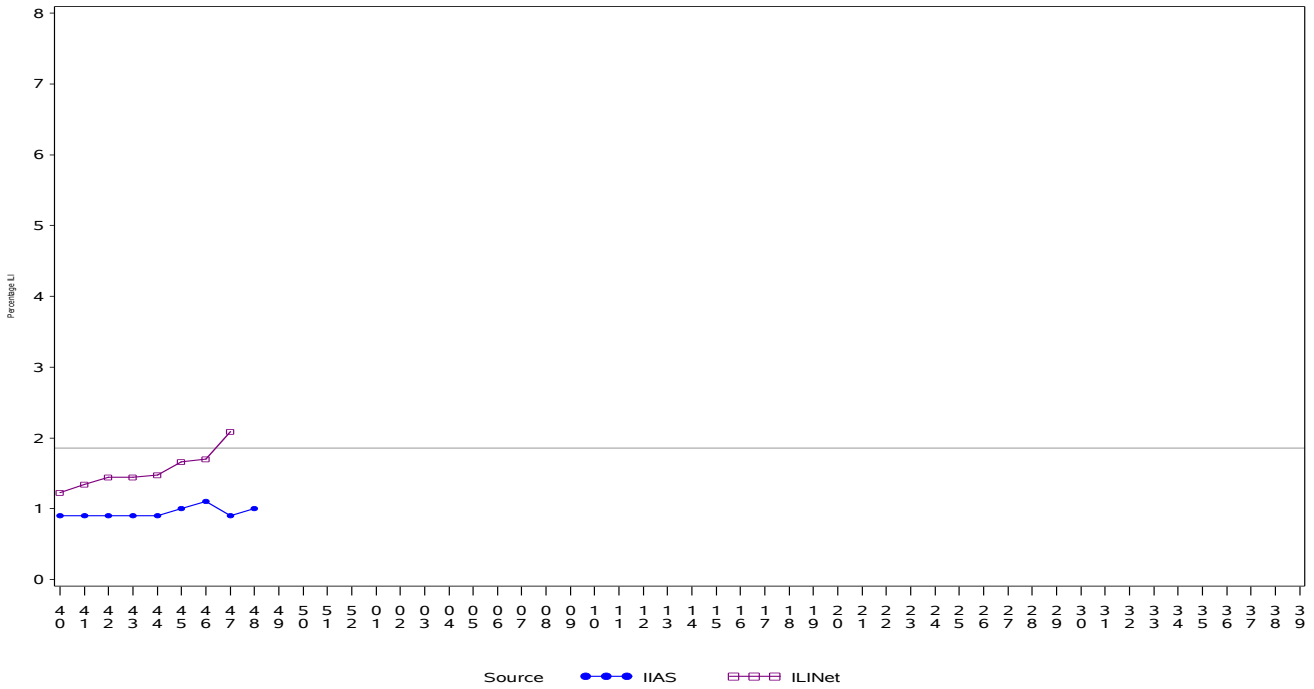
- Overall influenza-like-illness (ILI) activity in IHS is low, while ILI activity in the U.S. is increasing.
- To date IHS has administered over 324,000 influenza vaccines this season.
- Overall, 27.1% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
Influenza-Like Illness (ILI) for All Surveillance Years
Percentage of Visits for ILI per week
01/04/09 to 11/29/14



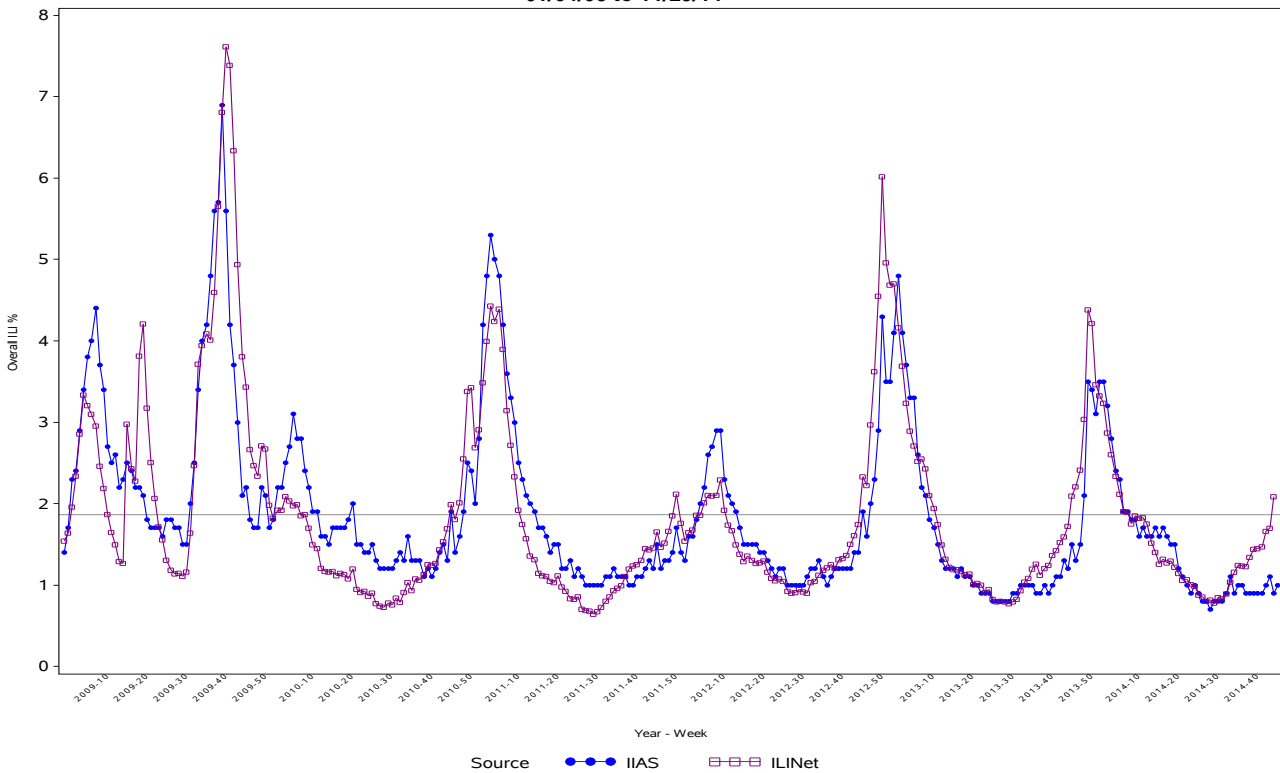
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for FluYear 2014 - 2015
ILINet vs. IIAS
09/28/14 to 11/29/14



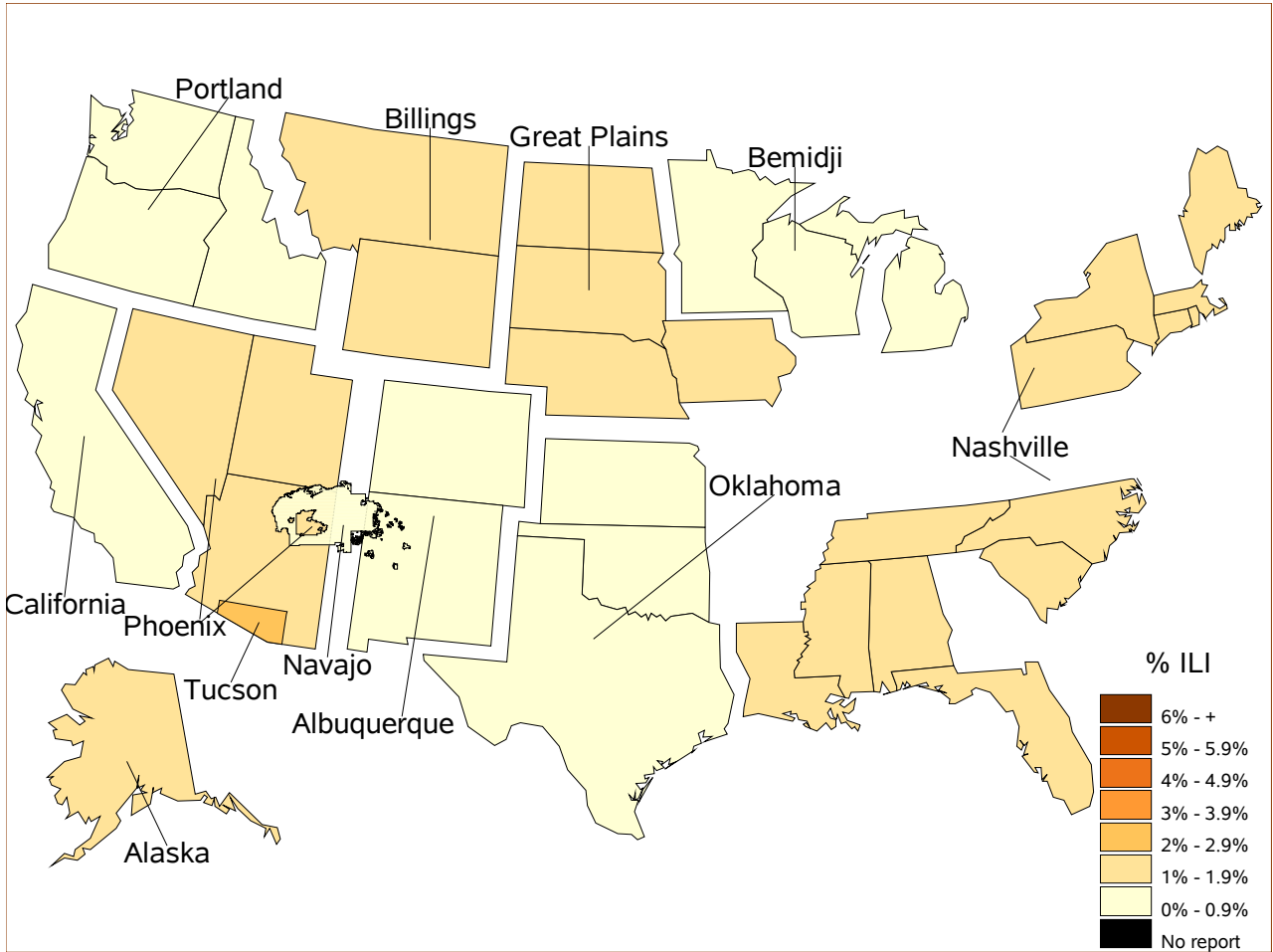
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard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

IAS versus ILINet
Influenza-Like Illness (ILI) All Surveillance Years - Continuous
Percentage of Visits for ILI per week
01/04/09 to 11/29/14



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: 48**



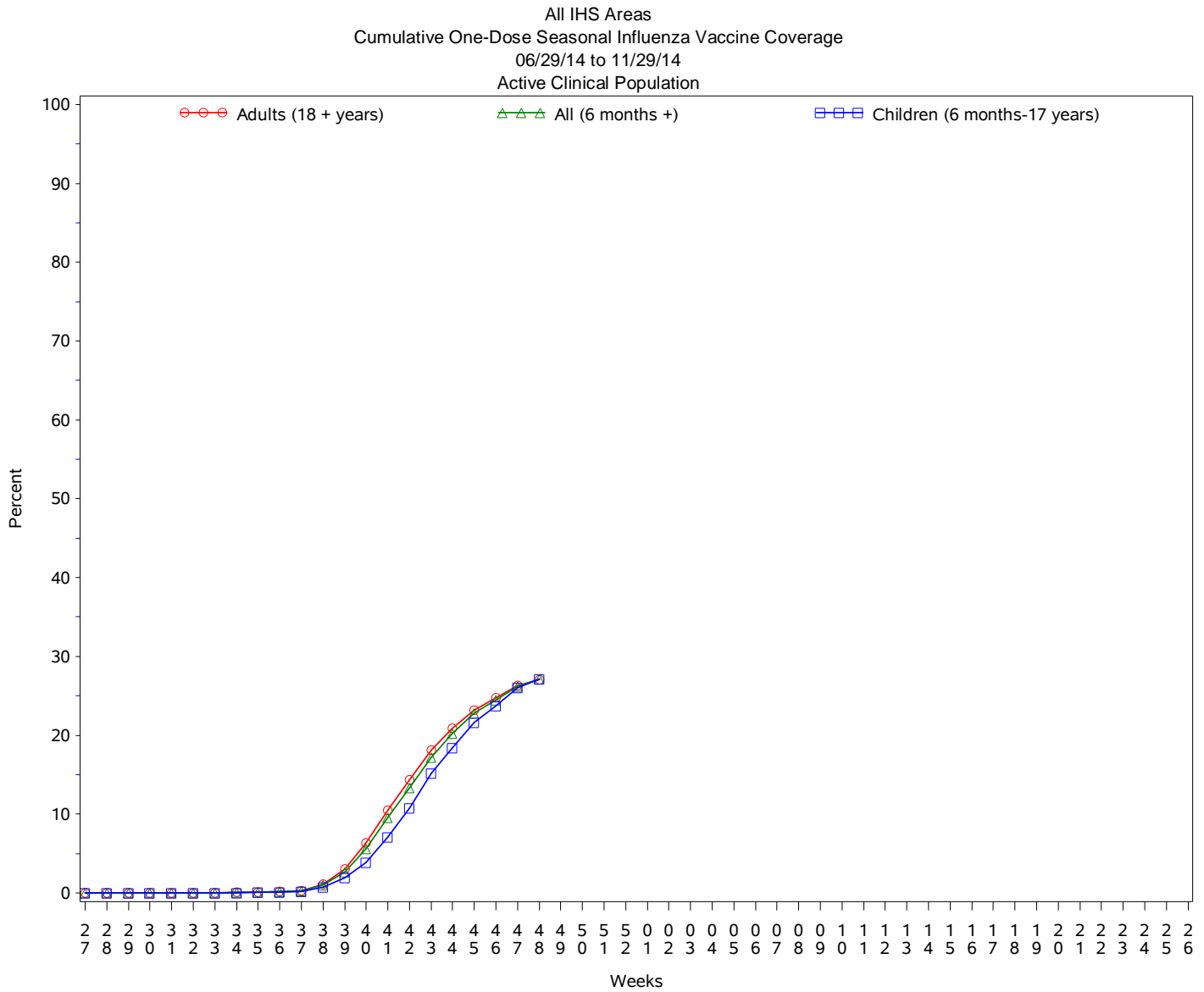
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 47	% in Week 48
NATIONAL	0.9	1.0
ALASKA	1.4	1.0
ALBUQUERQUE	0.5	0.8
BEMIDJI	1.1	0.7
BILLINGS	1.0	1.4
CALIFORNIA	0.5	0.5
GREAT PLAINS	1.0	1.0
NASHVILLE	0.9	1.3
NAVAJO	0.9	0.8
OKLAHOMA	0.5	0.4
PHOENIX	1.5	1.8
PORTLAND	0.6	0.6
TUCSON	1.7	2.5

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

IHS Influenza Vaccination* Surveillance

- As of 11/29/2014, sites reporting to the IIAS have administered 324,133 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	5,398	66	1.2	4	0.1	70
6 - 23 months	26,984	9,829	36.4	946	3.5	10,801
2 - 4 years	65,709	15,428	23.5	192	0.3	15,676
5 - 17 years	244,828	66,050	27.0	473	0.2	66,763
18 - 49 years	518,675	107,300	20.7	900	0.2	108,605
50 - 64 years	207,917	71,796	34.5	638	0.3	72,725
65 + years	115,836	48,775	42.1	481	0.4	49,563
Children (6 months-17 years)	337,521	91,307	27.1	1,611	0.5	93,240
Adults (18 + years)	842,428	227,871	27.0	2,019	0.2	230,893
All (6 months +)	1,179,949	319,178	27.1	3,630	0.3	324,133

* 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-ccIIV3	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	41	65	5	315	24	3524	.	695	1909	94	3	3679	.	1	149	107	10611
ALB	100	174	8	944	269	12012	190	2118	4555	.	.	1940	17	.	103	186	22616
BEM	95	215	49	288	393	6469	13	1001	1367	1	1	411	.	.	503	73	10879
BIL	96	104	6	860	187	4201	1	1930	8642	1	.	630	.	.	81	110	16849
CAO	90	163	4	925	1030	11059	466	1772	2800	1	1	1075	.	.	289	246	19921
GPA	42	111	13	426	396	12520	44	3076	6373	3	1	4078	6	1	1121	49	28260
NSA	250	129	.	136	97	5672	362	638	2543	.	6	348	.	23	139	211	10554
NAV	75	261	14	360	2409	62328	.	3673	5279	1	.	4934	5	1	417	496	80253
OKC	137	1504	101	2977	190	43169	291	4491	18743	11	.	3056	.	132	757	124	75683
PHX	40	388	3	1307	214	14358	99	3690	15839	1	4	1693	7	5	387	475	38510
POR	179	428	64	695	1007	9414	280	2248	4597	15	10	3672	83	.	334	278	23304
TUC	.	24	1	8	4	413	1	323	5751	.	.	952	.	1	240	17	7735
	1145	3566	268	9241	6220	185139	1747	25655	78398	128	26	26468	118	164	4520	2372	345175

* 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	186	375
ALASKA	11	51
ALBUQUERQUE	15	23
BEMIDJI	5	11
BILLINGS	13	29
CALIFORNIA	28	49
GREAT PLAINS	17	31
NASHVILLE	20	28
NAVAJO	9	35
OKLAHOMA	20	44
PHOENIX	19	31
PORTLAND	27	35
TUCSON	2	8

* Exporting databases may include data from multiple facilities.

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