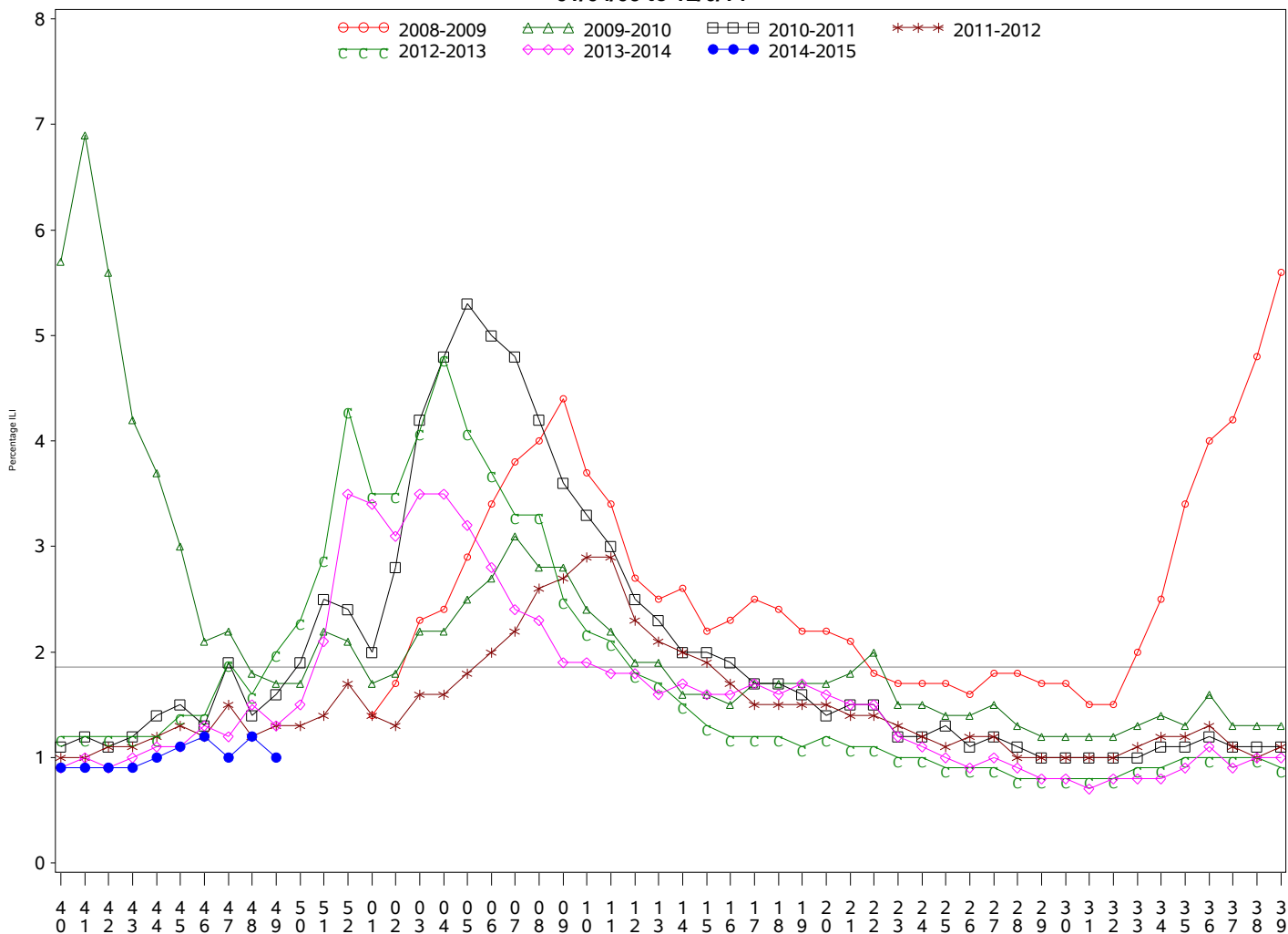




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#10 (Week 49: 6/29/2014 – 12/6/2014)

- While influenza-like-illness (ILI) activity in IHS is low, ILI activity in the U.S. is increasing.
- To date IHS has administered over 341,000 influenza vaccines this season.
- Overall, 28.5% of the IHS Active Clinical population received an influenza vaccine this season.

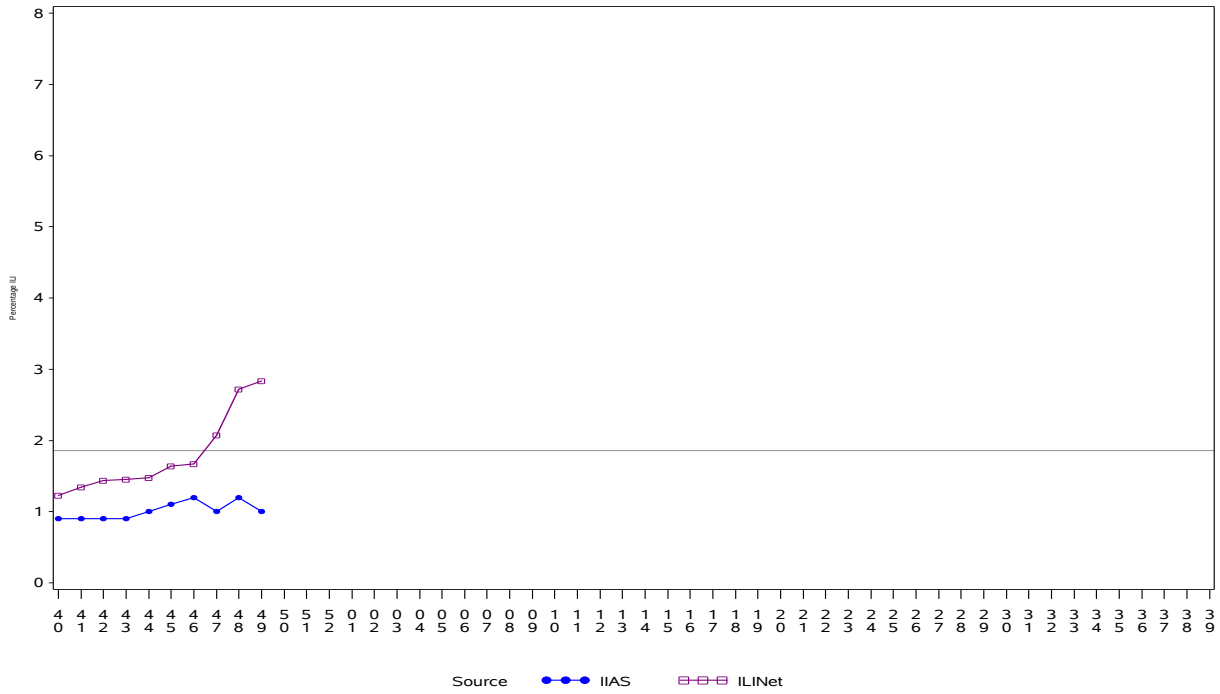
All IHS Areas
Influenza-Like Illness (ILI) for All Surveillance Years
Percentage of Visits for ILI per week
01/04/09 to 12/6/14



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.

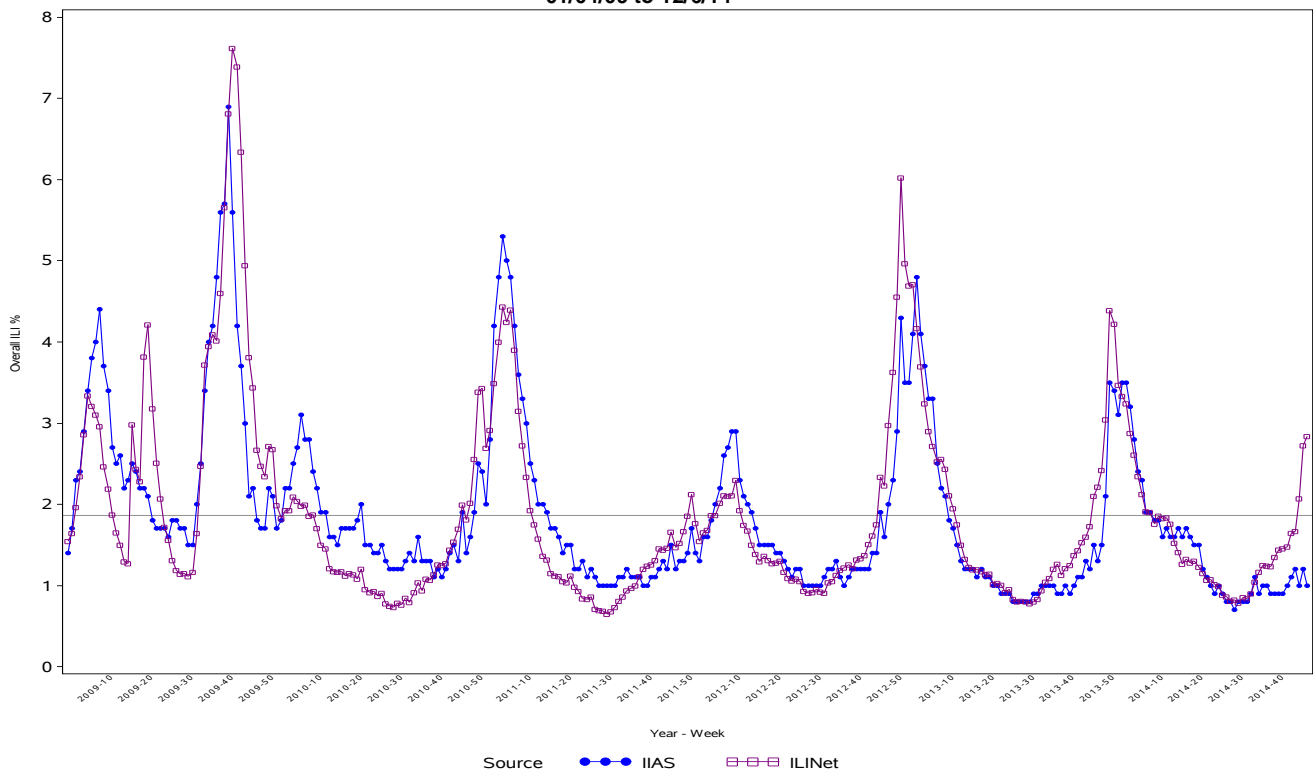
Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for FluYear 2014 - 2015
ILINet vs. IIAS
09/28/14 to 12/6/14



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.

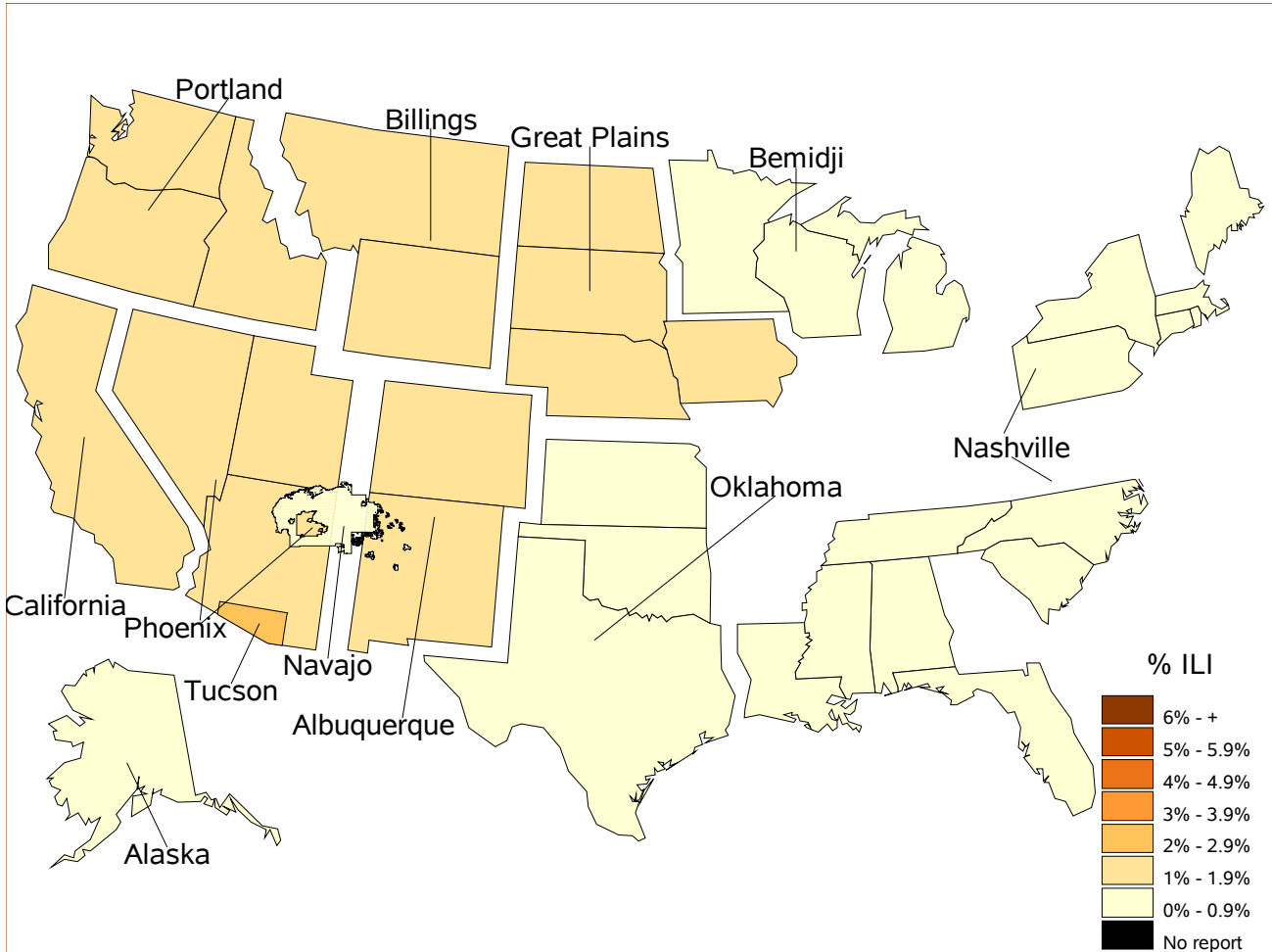
Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

IIAS versus ILINet
Influenza-Like Illness (ILI) All Surveillance Years - Continuous
Percentage of Visits for ILI per week
01/04/09 to 12/6/14



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: 49**



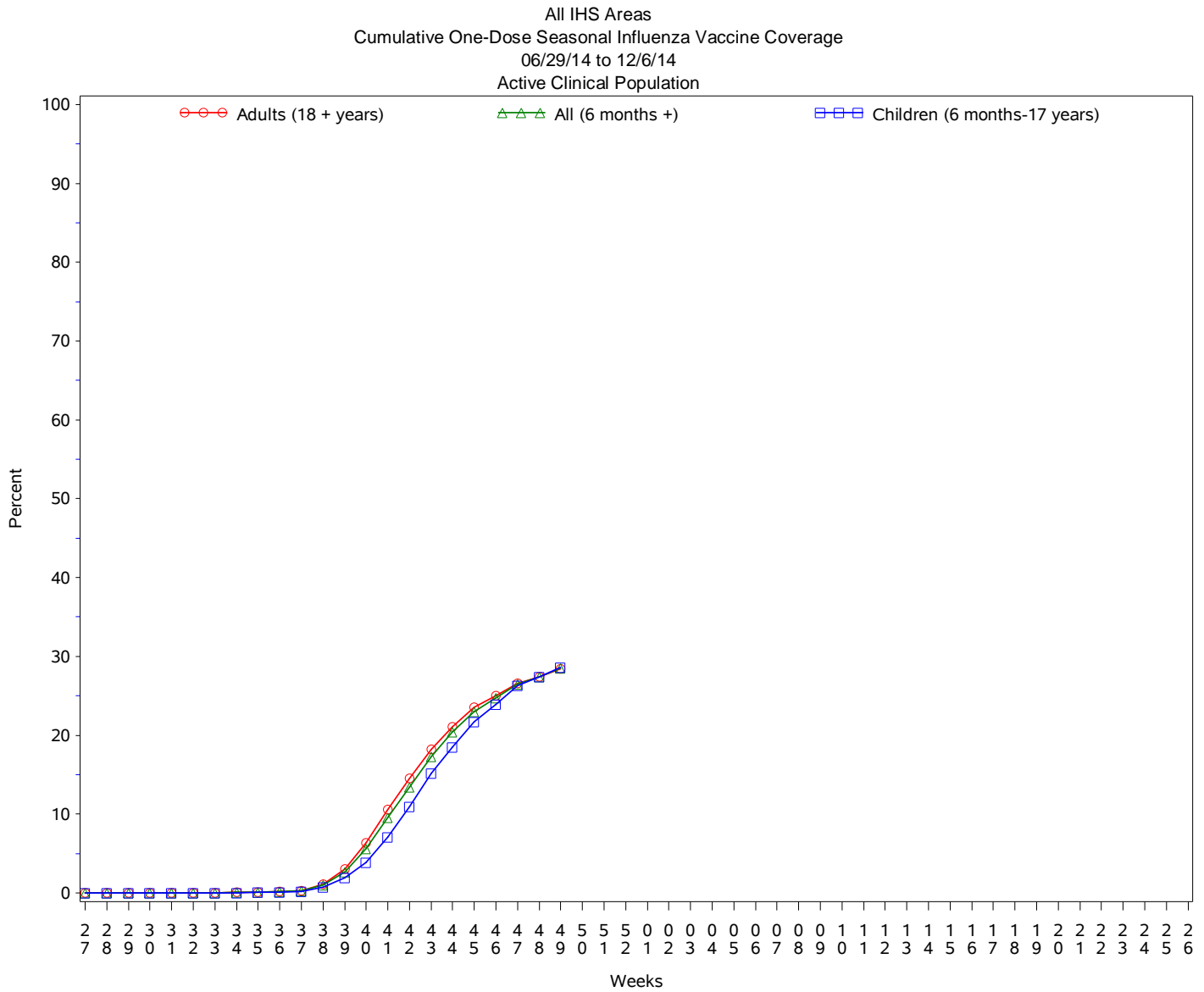
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 48	% in Week 49
NATIONAL	1.2	1.0
ALASKA	1.4	0.7
ALBUQUERQUE	0.9	1.2
BEMIDJI	0.8	0.9
BILLINGS	1.6	1.4
CALIFORNIA	0.6	1.0
GREAT PLAINS	1.1	1.1
NASHVILLE	1.5	0.9
NAVAJO	1.2	0.9
OKLAHOMA	0.8	0.6
PHOENIX	2.0	1.8
PORTLAND	0.6	1.0
TUCSON	3.0	2.0

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

IHS Influenza Vaccination* Surveillance

- As of 12/6/2014, sites reporting to the IIAS have administered 341,845 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	5,417	71	1.3	4	0.1	75
6 - 23 months	27,067	10,700	39.5	1,284	4.7	12,012
2 - 4 years	65,763	16,405	24.9	226	0.3	16,692
5 - 17 years	245,225	69,693	28.4	547	0.2	70,498
18 - 49 years	519,217	113,096	21.8	1,030	0.2	114,553
50 - 64 years	208,138	75,294	36.2	692	0.3	76,285
65 + years	115,982	50,955	43.9	536	0.5	51,805
Children (6 months-17 years)	338,055	96,798	28.6	2,057	0.6	99,202
Adults (18 + years)	843,337	239,345	28.4	2,258	0.3	242,643
All (6 months +)	1,181,392	336,143	28.5	4,315	0.4	341,845

* 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	67	5	319	25	3607	.	716	1927	94	2	3782	.	1	160	108	10854
ALB	104	207	10	976	301	12544	211	2227	4816	.	.	2070	21	.	99	203	23789
BEM	98	221	49	306	436	6549	13	1049	1409	1	1	435	.	.	504	76	11147
BIL	97	111	6	886	195	4485	1	2025	9074	1	.	698	.	.	83	118	17780
CAO	99	184	5	946	1126	11619	478	1900	3003	1	1	1125	.	.	303	263	21053
GPA	44	125	14	438	408	13100	45	3202	6661	3	3	4282	6	1	1165	50	29547
NSA	262	136	.	142	194	5888	373	659	2811	.	6	358	.	24	143	202	11198
NAV	97	296	16	381	3063	64622	.	3952	5707	1	.	5287	24	1	436	528	84411
OKC	154	1947	102	3087	203	46513	315	4758	19841	12	2	3275	.	175	839	140	81363
PHX	65	428	4	1375	240	15360	100	4124	17067	1	4	1783	8	5	422	485	41471
POR	182	509	72	718	1056	9964	284	2362	4734	15	10	3855	89	.	328	306	24484
TUC	.	29	1	9	4	426	1	345	6014	.	.	974	.	1	253	17	8074
	1243	4260	284	9583	7251	194677	1821	27319	83064	129	29	27924	148	208	4735	2496	365171

* 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	184	396
ALASKA	10	48
ALBUQUERQUE	15	25
BEMIDJI	5	12
BILLINGS	13	30
CALIFORNIA	27	48
GREAT PLAINS	17	31
NASHVILLE	20	27
NAVAJO	8	47
OKLAHOMA	21	48
PHOENIX	18	33
PORTLAND	28	36
TUCSON	2	11

* Exporting databases may include data from multiple facilities.

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