



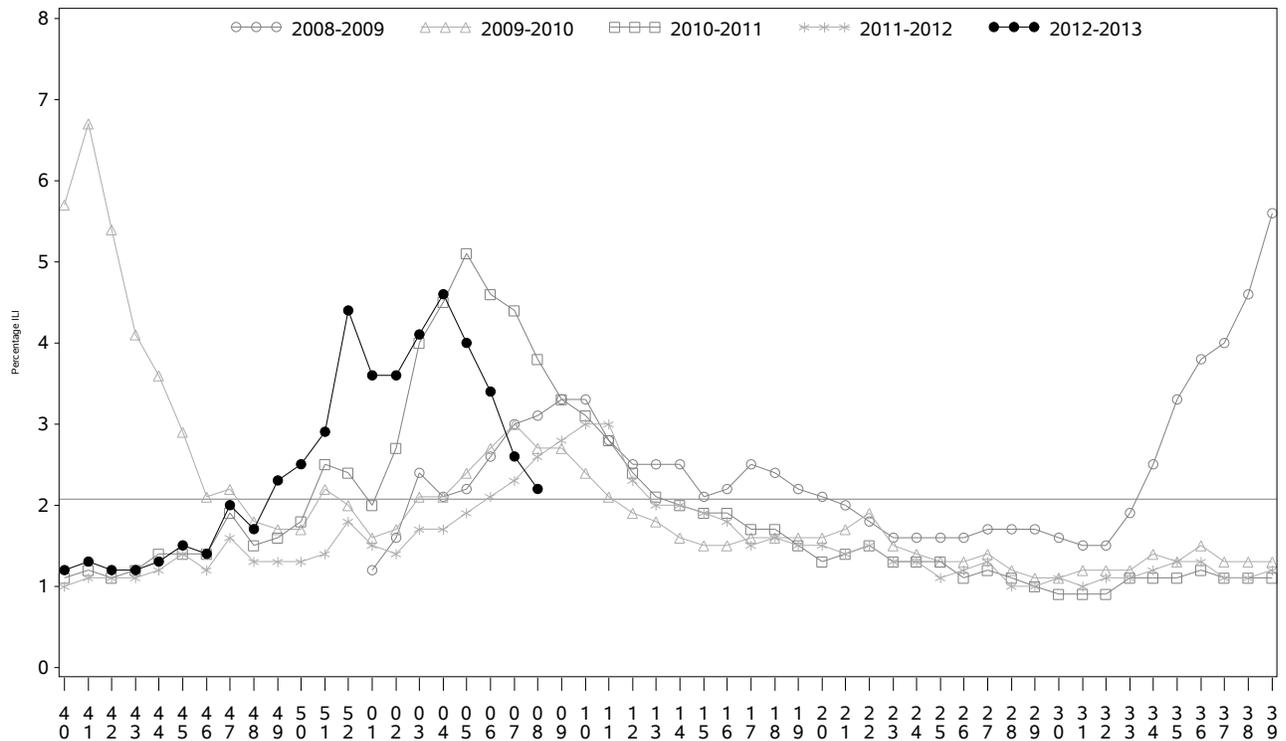
Indian Health Service
 Division of Epidemiology and Disease Prevention
 Influenza Surveillance Report

IHS Influenza Awareness System (IIAS)
#21 (Week 8: 02/17/2013– 02/23/2013)

Summary

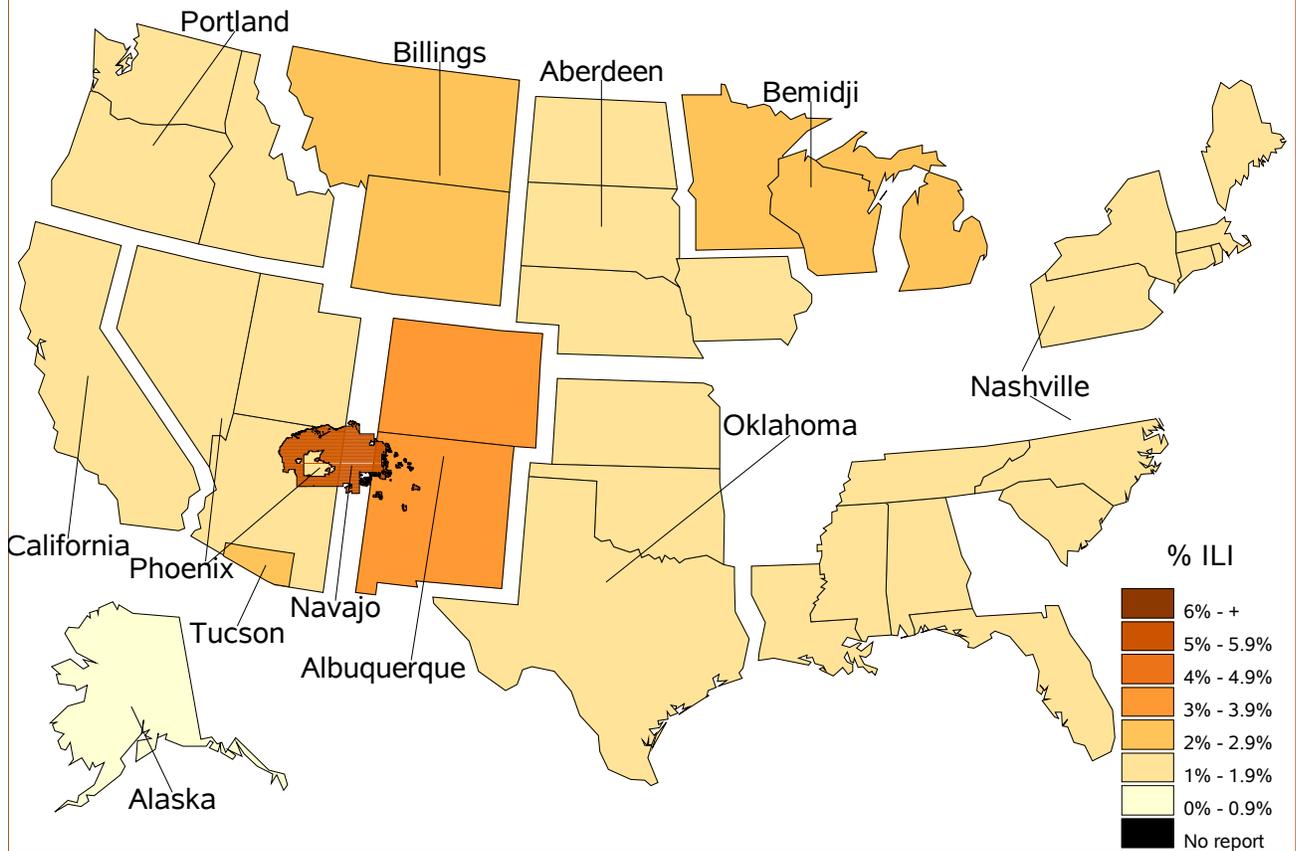
- Influenza activity appears to have peaked and is declining in all regions, though the Navajo region continues to experience relatively high levels of activity.
- Overall influenza vaccine coverage for IHS patients is 37.7%.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 02/23/13



Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2012-2013 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.

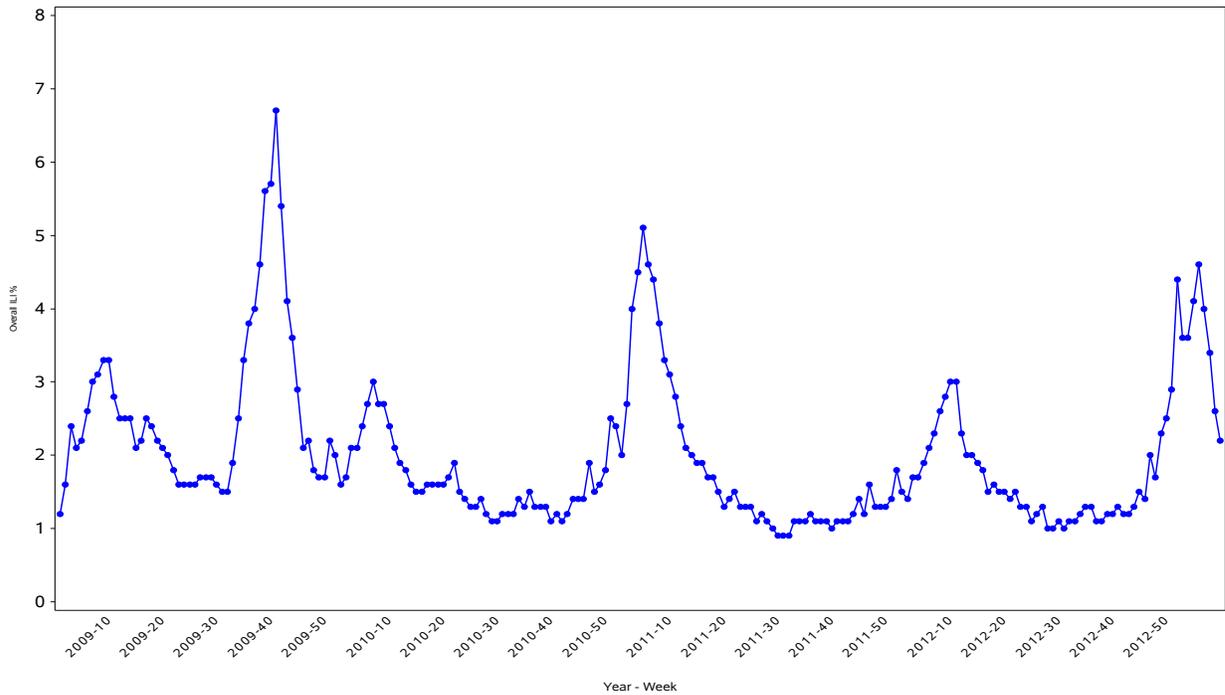
Percentage of Influenza-Like Illness Visits by Region For Week: 8



Percent ILI Visits Current week compared to previous week

IHS Areas	% in Week 7	% in Week 8
NATIONAL	2.6	2.2
ABERDEEN	2.1	1.7
ALASKA	1.0	0.8
ALBUQUERQUE	3.1	3.2
BEMIDJI	2.6	2.1
BILLINGS	2.6	2.3
CALIFORNIA	2.7	1.2
NASHVILLE	1.4	1.5
NAVAJO	7.0	5.2
OKLAHOMA	1.3	1.1
PHOENIX	2.5	1.6
PORTLAND	2.4	1.9
TUCSON	2.2	2.3

All IHS Areas
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 02/23/13

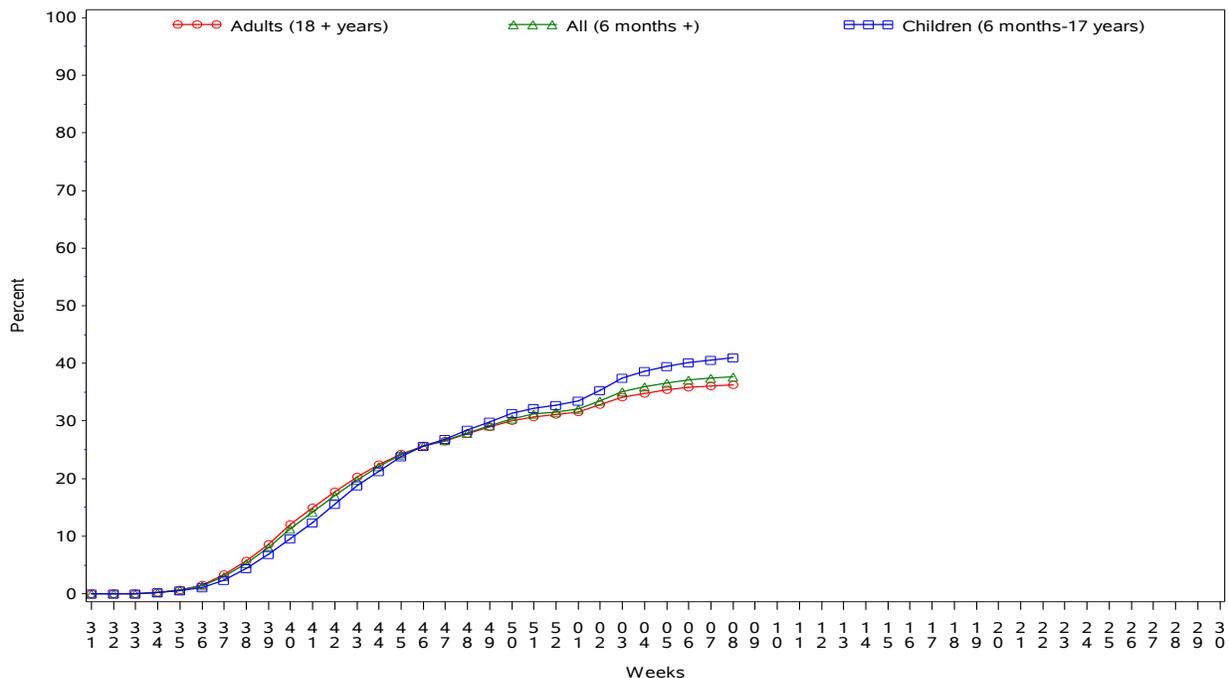


Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IHS Influenza Vaccination Surveillance

- As of 02/23/2013, sites reporting to the IAS have administered 432,373 doses of seasonal influenza vaccine. Coverage estimates below exclude sites that did not provide Active Clinical User denominator data.

All IHS Areas
 Cumulative One-Dose Seasonal Influenza Vaccine Coverage
 08/01/12 to 02/23/13
 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	5,412	508	9.4	104	1.9	614
6 - 23 months	26,679	17,872	67.0	5,928	22.2	24,111
2 - 4 years	65,868	25,466	38.7	1,406	2.1	27,254
5 - 17 years	230,455	89,024	38.6	1,498	0.7	91,788
18 - 49 years	491,377	146,693	29.9	2,132	0.4	151,035
50 - 64 years	181,076	82,581	45.6	1,372	0.8	85,652
65 + years	97,975	50,286	51.3	1,034	1.1	52,533
Children (6 months-17 years)	323,002	132,362	41.0	8,832	2.7	143,153
Adults (18 + years)	770,428	279,560	36.3	4,538	0.6	289,220
All (6 months +)	1,093,430	411,922	37.7	13,370	1.2	432,373

* Limited to sites that exported both doses administered and active clinical population data.

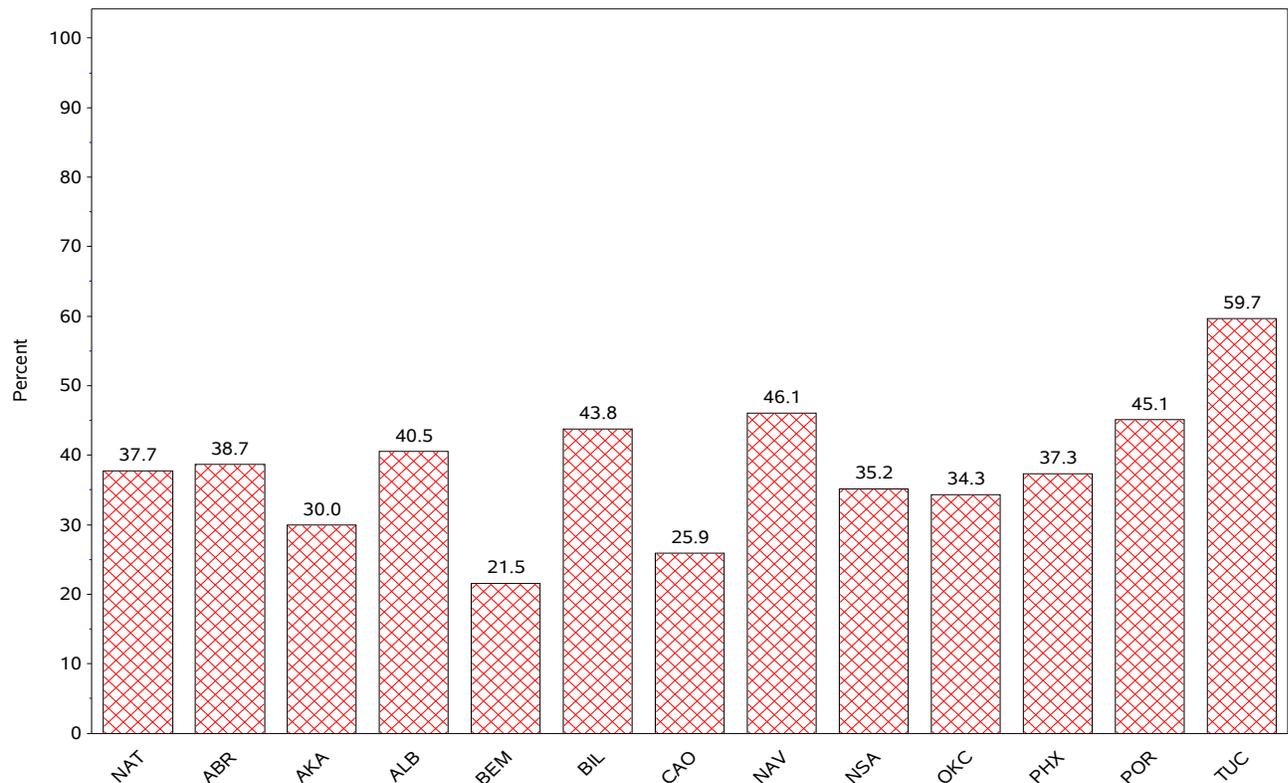
** Active Clinical is defined as patients who have had a least 2 visits in the last 3 years.

*** 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 Vaccine Coverage by IHS Area – 1 dose, 6 Months and older

All IHS Areas
Influenza Vaccine Coverage by Age Groups - All (6 months +)
for National and Area
08/01/12 to 02/23/13



Influenza Vaccination Coverage by Risk Group*

Risk Group	Seasonal Flu Vaccine (At least 1 Dose)***	Active Clinical Population**	% Seasonal Flu (At least 1 Dose) Active Pop	User Population**	% Seasonal Flu (At least 1 Dose) User Pop
Asthma	56,648	136,944	41.4	163,384	34.7
Diabetes	77,914	159,115	49.0	187,142	41.6

* Limited to sites with Active Clinical or User Population data.

** Risk Group Active Clinical is defined as patients who have had a least 2 visits in the last 3 years.

** Risk Group User Population is defined as patients who have had a least 1 visit in the last 3 years.

*** Number of unique patients with at least 1 dose and high risk condition.

Influenza Vaccination Codes

Area	CVX 15 Flu HX*	CVX 16 Flu Whole*	CVX 88 Flu NOS**	CVX 111 Flu-Nasal	CVX 135 Flu-High	CVX 140 Flu P-free	CVX 141 Flu	CVX 144 Flu-Intraderm	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Flu	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
ABR	3524	.	118	2813	307	7045	26147	79	4	2242	196	42475
AKA	668	.	29	962	98	7582	10771	396	735	118	1501	22860
ALB	1242	1	317	1827	526	4776	19670	263	.	280	315	29217
BEM	252	5	371	533	35	2058	7755	53	.	555	76	11693
BIL	121	.	235	2719	567	12368	10684	6	.	218	218	27136
CAO	622	1	218	1526	576	3201	13406	951	.	295	260	21056
NSA	4060	13	441	555	18	2819	4549	203	.	303	177	13138
NAV	228	.	299	1665	47	8193	79594	5	51	394	883	91359
OKC	12371	8	2929	4276	1651	17637	58102	525	146	1580	668	99893
PHX	987	.	247	2779	671	18199	31516	71	8	453	782	55713
POR	225	1	640	2209	273	4480	20500	125	.	382	425	29260
TUC	4	.	18	48	1	5599	2682	.	1	187	99	8639
	24304	29	5862	21912	4770	93957	285376	2677	945	7007	5600	452439

Exporting Databases and Facilities

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	147	322
ABERDEEN	18	31
ALASKA	14	73
ALBUQUERQUE	7	10
BEMIDJI	2	7
BILLINGS	12	25
CALIFORNIA	5	7
NASHVILLE	15	19
NAVAJO	8	31
OKLAHOMA	24	48
PHOENIX	19	36
PORTLAND	22	28
TUCSON	1	7

* Exporting databases may include data from multiple facilities.

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