



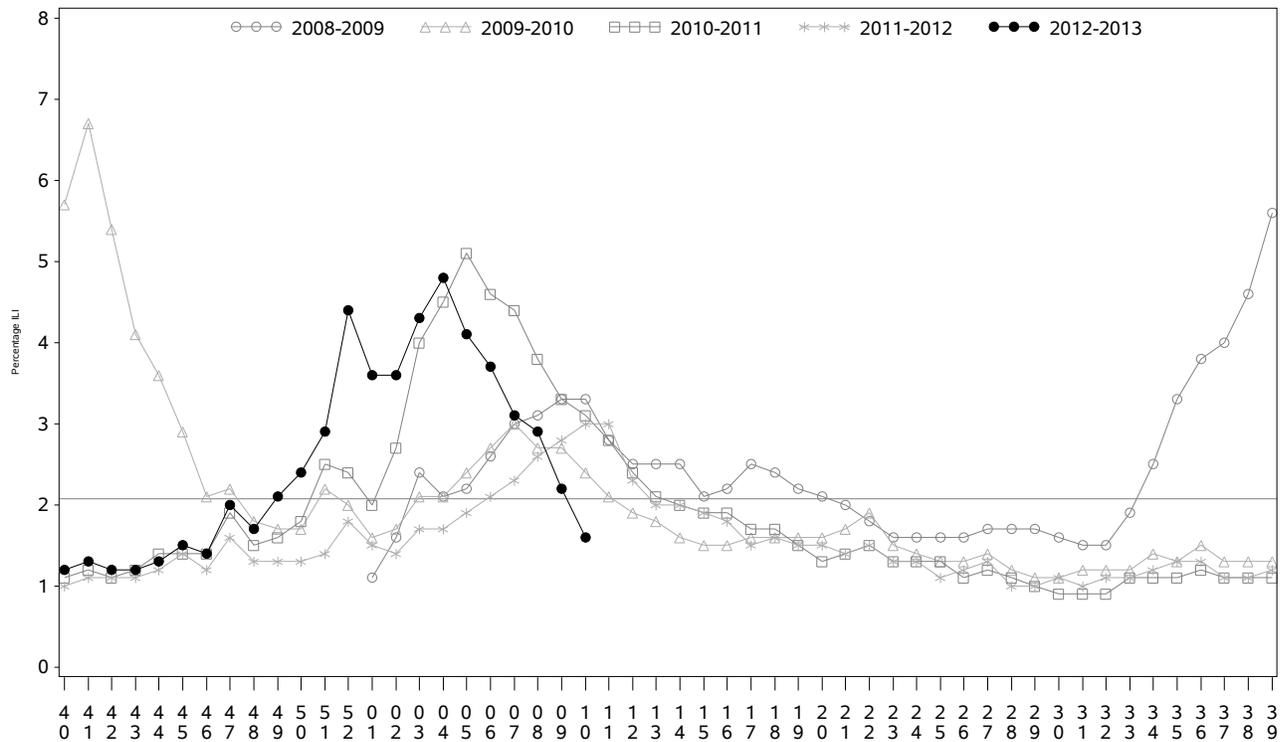
Indian Health Service
 Division of Epidemiology and Disease Prevention
 Influenza Surveillance Report

IHS Influenza Awareness System (IIAS)
#23 (Week 10: 03/03/2013– 03/09/2013)

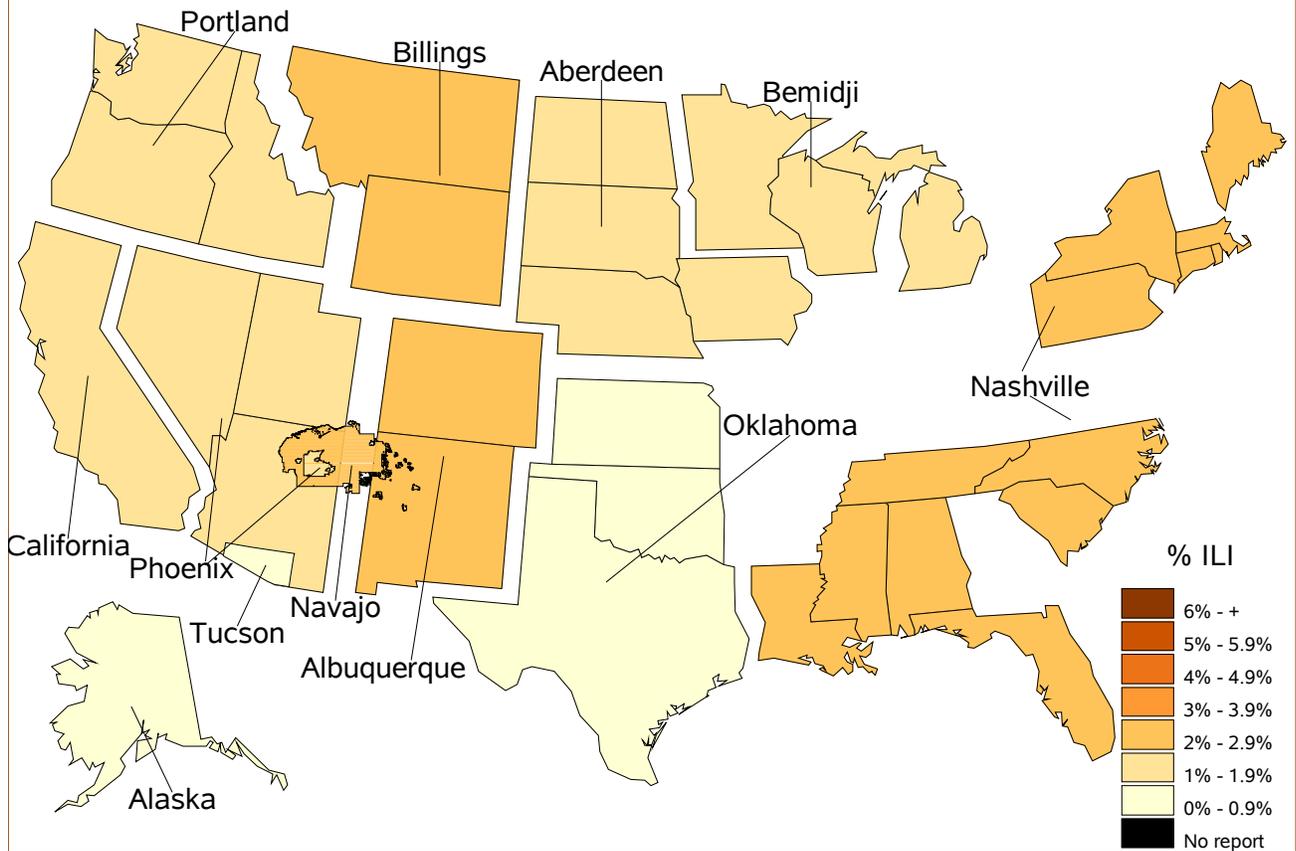
Summary

- Influenza activity appears to have peaked and is declining in most regions.
- Overall influenza vaccine coverage for IHS patients is 37.9%.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 03/09/13



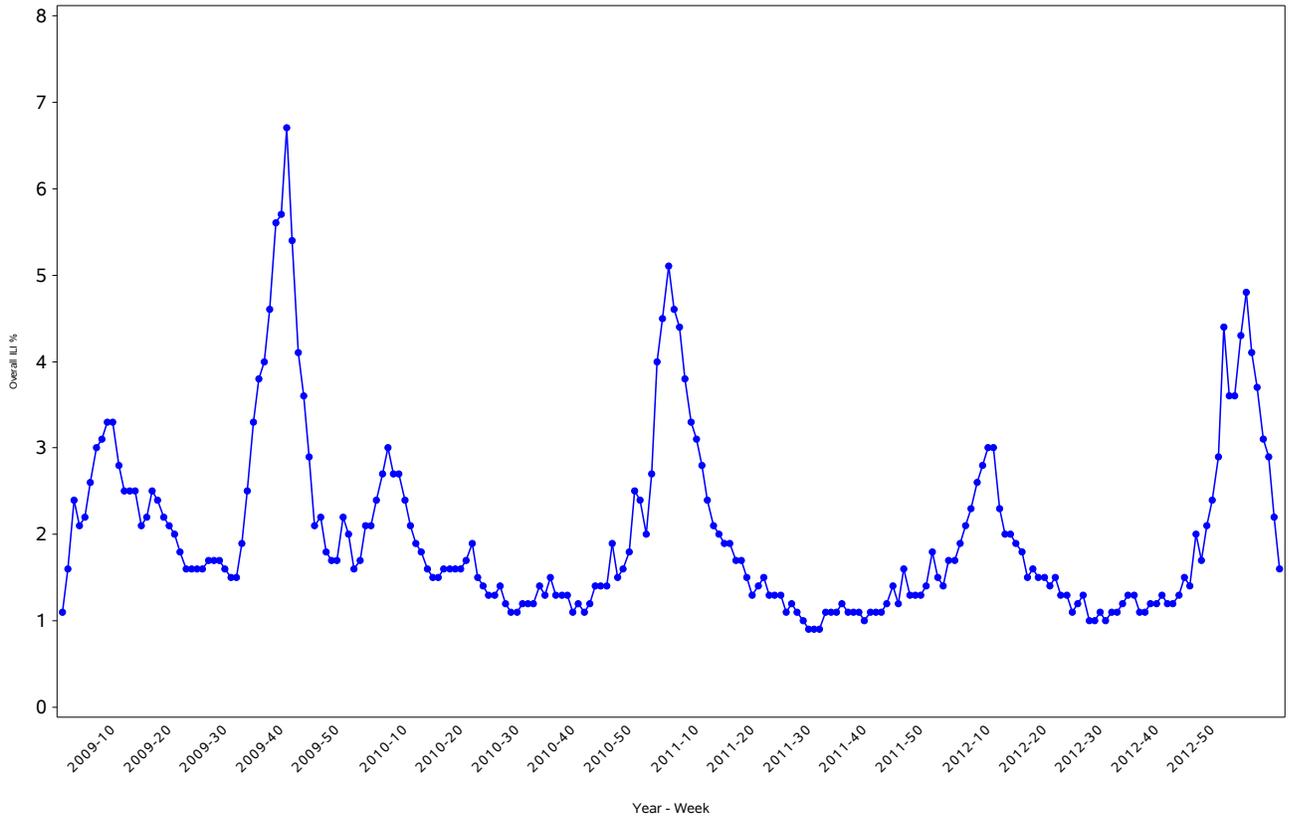
Percentage of Influenza-Like Illness Visits by Region For Week: 10



Percent ILI Visits Current week compared to previous week

| IHS Areas | % in Week 9 | % in Week 10 |
|-------------|-------------|--------------|
| NATIONAL | 2.2 | 1.6 |
| ABERDEEN | 1.9 | 1.5 |
| ALASKA | 0.9 | 0.8 |
| ALBUQUERQUE | 2.7 | 2.1 |
| BEMIDJI | 1.1 | 1.6 |
| BILLINGS | 2.7 | 2.3 |
| CALIFORNIA | 1.2 | 1.0 |
| NASHVILLE | 2.1 | 2.0 |
| NAVAJO | 5.2 | 2.9 |
| OKLAHOMA | 1.4 | 0.8 |
| PHOENIX | 2.2 | 1.5 |
| PORTLAND | 1.2 | 1.4 |
| TUCSON | 2.2 | 0.5 |

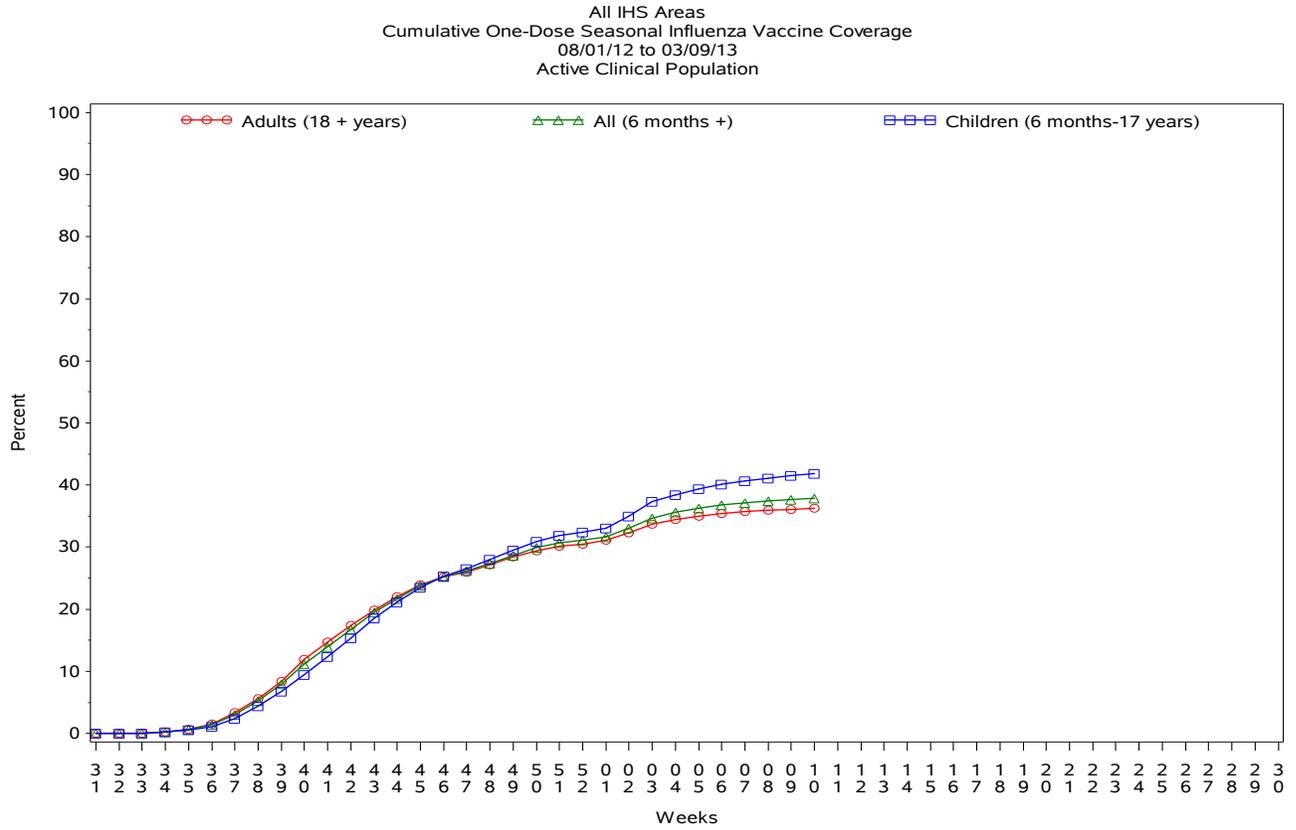
All IHS Areas
Influenza-Like Illness (ILI) All Surveillance Years - Continuous
Percentage of Visits for ILI per week
01/04/09 to 03/09/13



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

IHS Influenza Vaccination Surveillance

- As of 03/09/2013, sites reporting to the IIAS have administered 445,553 doses of seasonal influenza vaccine. Coverage estimates below exclude sites that did not provide Active Clinical User denominator data.



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 | 5,436 | 548 | 10.1 | 106 | 1.9 | 657 |
| 6 - 23 months | 27,130 | 18,940 | 69.8 | 6,677 | 24.6 | 25,891 |
| 2 - 4 years | 66,712 | 26,669 | 40.0 | 1,570 | 2.4 | 28,542 |
| 5 - 17 years | 235,832 | 92,275 | 39.1 | 1,614 | 0.7 | 94,855 |
| 18 - 49 years | 504,917 | 151,482 | 30.0 | 2,282 | 0.5 | 155,302 |
| 50 - 64 years | 187,892 | 85,151 | 45.3 | 1,429 | 0.8 | 87,557 |
| 65 + years | 101,916 | 51,759 | 50.8 | 1,088 | 1.1 | 53,406 |
| Children (6 months-17 years) | 329,674 | 137,884 | 41.8 | 9,861 | 3.0 | 149,288 |
| Adults (18 + years) | 794,725 | 288,392 | 36.3 | 4,799 | 0.6 | 296,265 |
| All (6 months +) | 1,124,399 | 426,276 | 37.9 | 14,660 | 1.3 | 445,553 |

* 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 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 | 58,459 | 142,429 | 41.0 | 169,868 | 34.4 |
| Diabetes | 80,161 | 165,317 | 48.5 | 194,297 | 41.3 |

* 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 | 3567 | . | 135 | 2817 | 311 | 7276 | 26661 | 79 | 4 | 2277 | 199 | 43326 |
| AKA | 705 | . | 29 | 963 | 98 | 7709 | 11059 | 453 | 751 | 125 | 1465 | 23357 |
| ALB | 1262 | 1 | 322 | 1833 | 529 | 5094 | 20554 | 270 | . | 328 | 488 | 30681 |
| BEM | 387 | 5 | 416 | 598 | 55 | 2479 | 8839 | 99 | . | 840 | 211 | 13929 |
| BIL | 123 | . | 243 | 2774 | 570 | 12644 | 10853 | 6 | . | 220 | 223 | 27656 |
| CAO | 807 | 1 | 227 | 1663 | 585 | 3475 | 14258 | 984 | . | 318 | 307 | 22625 |
| NSA | 4067 | 13 | 447 | 561 | 18 | 2848 | 4628 | 204 | . | 303 | 179 | 13268 |
| NAV | 250 | . | 308 | 1668 | 51 | 8471 | 81082 | 5 | 54 | 421 | 923 | 93233 |
| OKC | 12385 | 8 | 3101 | 4313 | 1667 | 17891 | 59051 | 533 | 148 | 1625 | 680 | 101402 |
| PHX | 1011 | 1 | 262 | 2786 | 676 | 18646 | 32220 | 76 | 9 | 462 | 800 | 56949 |
| POR | 247 | 2 | 648 | 2277 | 279 | 4740 | 21882 | 137 | . | 396 | 458 | 31066 |
| TUC | 4 | . | 25 | 48 | 1 | 5766 | 2742 | . | 1 | 196 | 102 | 8885 |
| | 24815 | 31 | 6163 | 22301 | 4840 | 97039 | 293829 | 2846 | 967 | 7511 | 6035 | 466377 |

* CVX Codes 15 and 16 should not be used to document flu vaccines given this flu season.

** CVX Code 88 should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

+ CPT Flu codes include: 90654 90655 90656 90657 90658 90659 90660 90661 90662 90724 G0008 G8108.

Exporting Databases and Facilities

| IHS Area | # of RPMS Databases Reporting* | # of Facilities Reporting** |
|-----------------|---------------------------------------|------------------------------------|
| NATIONAL | 167 | 356 |
| ABERDEEN | 18 | 30 |
| ALASKA | 12 | 61 |
| ALBUQUERQUE | 11 | 23 |
| BEMIDJI | 4 | 10 |
| BILLINGS | 13 | 25 |
| CALIFORNIA | 18 | 28 |
| NASHVILLE | 15 | 20 |
| NAVAJO | 8 | 36 |
| OKLAHOMA | 23 | 47 |
| PHOENIX | 19 | 34 |
| PORTLAND | 25 | 34 |
| TUCSON | 1 | 8 |

* Exporting databases may include data from multiple facilities.

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