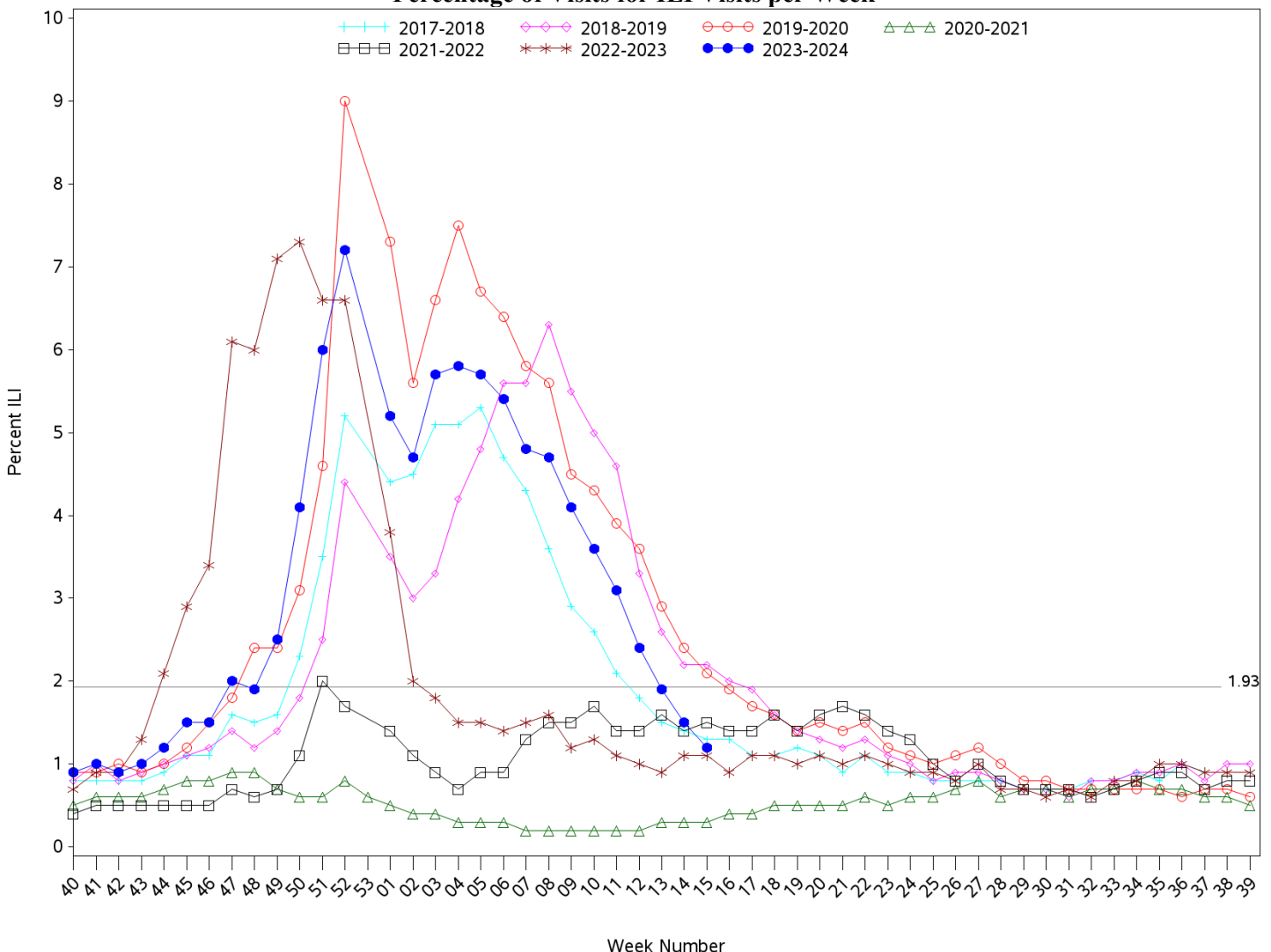




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 15: 4/7/2024 – 4/13/2024)**

- IHS national Influenza-like illness (ILI) activity is low at 1.2%, below the IHS baseline of 1.93%
  - Six of eleven IHS Areas reported a decrease in ILI activity from the previous week.
  - This week’s IHS ILI activity is below the CDC’s ILINet ILI activity for Week 15 (2.5%) and to the ILINet baseline (2.9%).
- To date, IHS has administered 215,514 doses of influenza vaccine.
- Overall, 32.3% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- The data within this report reflects data gathered after the installation of ILI/H1N1 Surveillance Export (APCL v3.0 patch 33) at most sites. Patch change request information can be provided upon request.

**All Reporting IHS Areas**  
**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years**  
**Percentage of Visits for ILI Visits per Week**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line represents the 2023-2024 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined

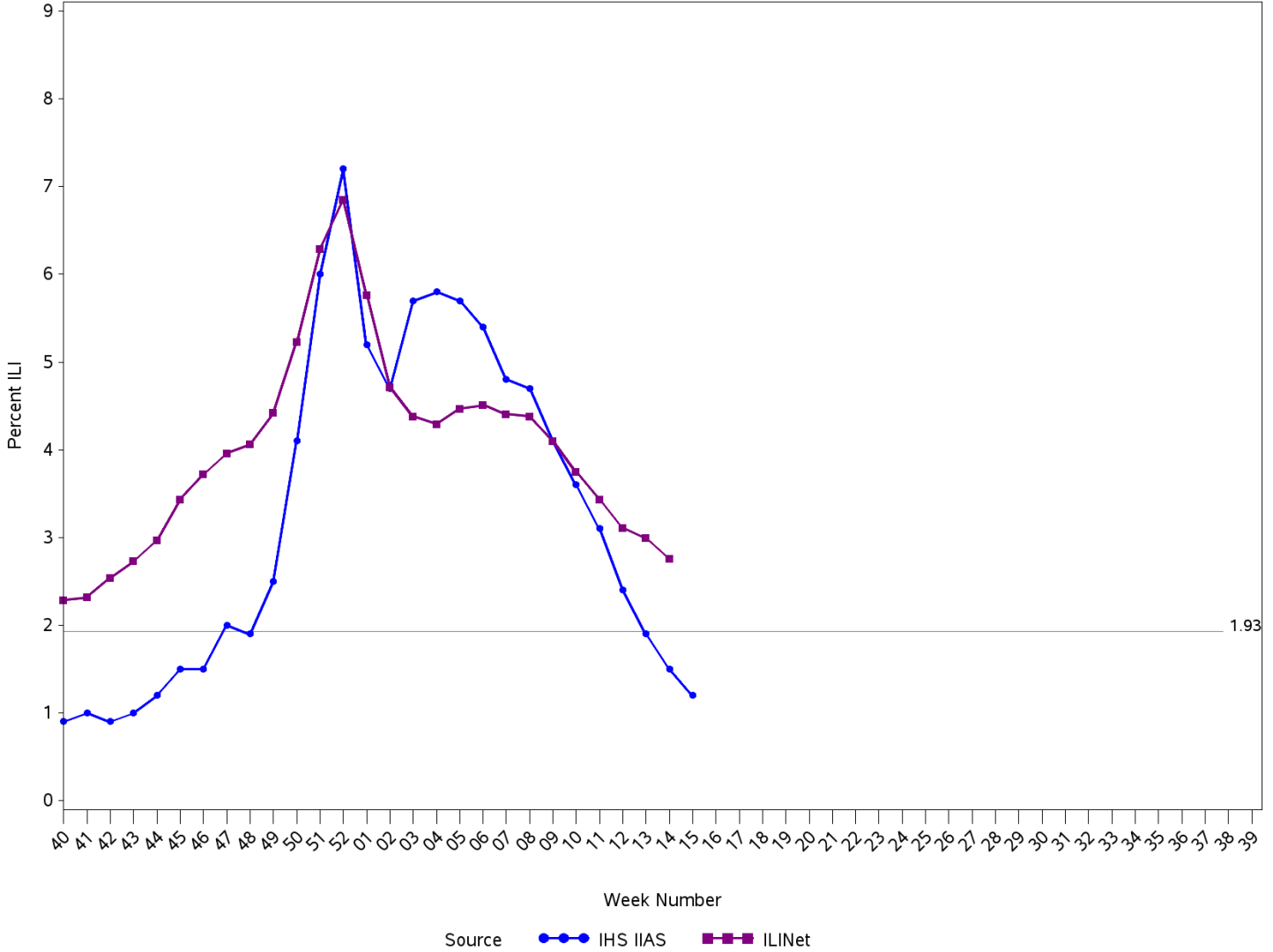
by CDC) for the previous four seasons plus two standard deviations.

The horizontal line is the 2023-2024 IAS baseline. The ILINet baseline value for 2023-2024 is 2.5.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous three seasons, plus two standard deviations.

Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IAS - IHS Influenza Awareness System

**Percentage of Outpatient Visits for Influenza-Like Illness (ILI)**  
**Percent ILI for Flu Year 2023 - 2024**  
**CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)**  
**10/01/23 through 4/13/24 (Week 15)**



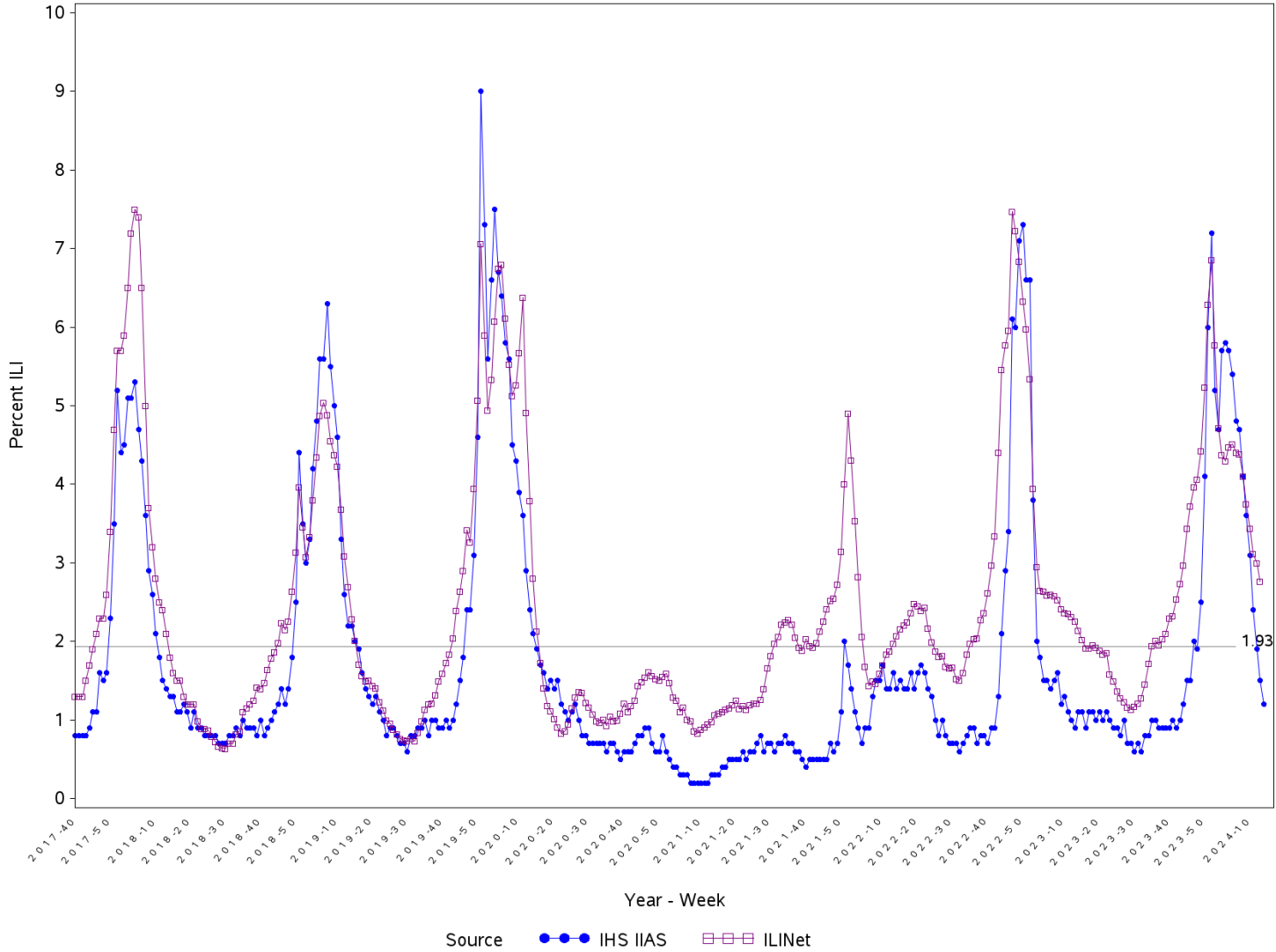
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2023-2024 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2023-2024 is 2.5.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.

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

**IHS Influenza-like Illness Awareness System vs. CDC ILINet  
Influenza-Like Illness (ILI) for six year window from latest full week  
Percentage of Visits for ILI per week**



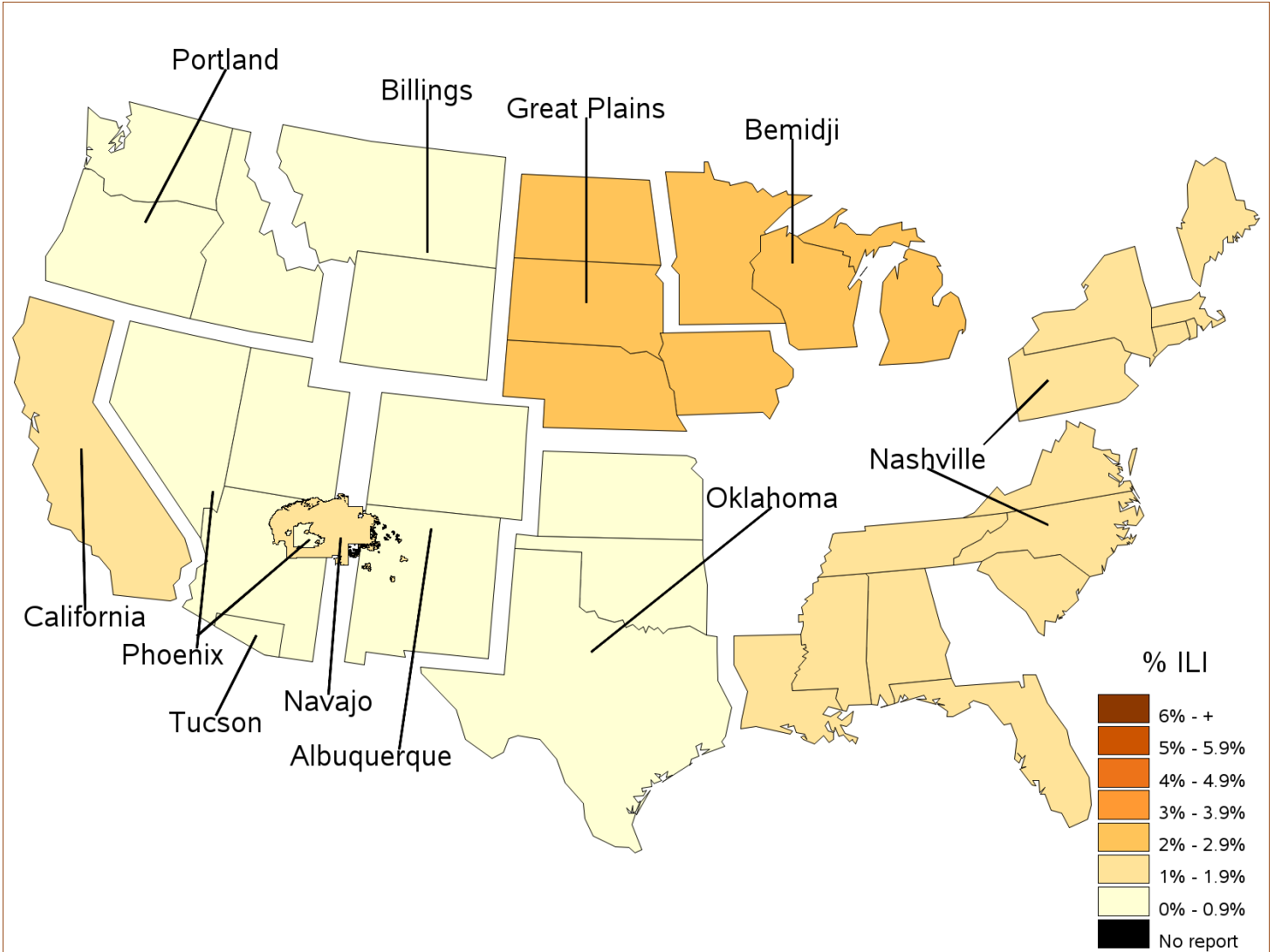
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2023-2024 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2023-2024 is 2.5.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.

Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IHS IAS - Influenza-like Illness Awareness System

Percentage of Influenza-Like Illness Visits by IHS Area  
For Week Ending 4/13/24 (Week 15)



**Percent ILI Visits\***  
**Current week compared to previous week**  
**For Week Ending 4/13/24 (Week 15)**

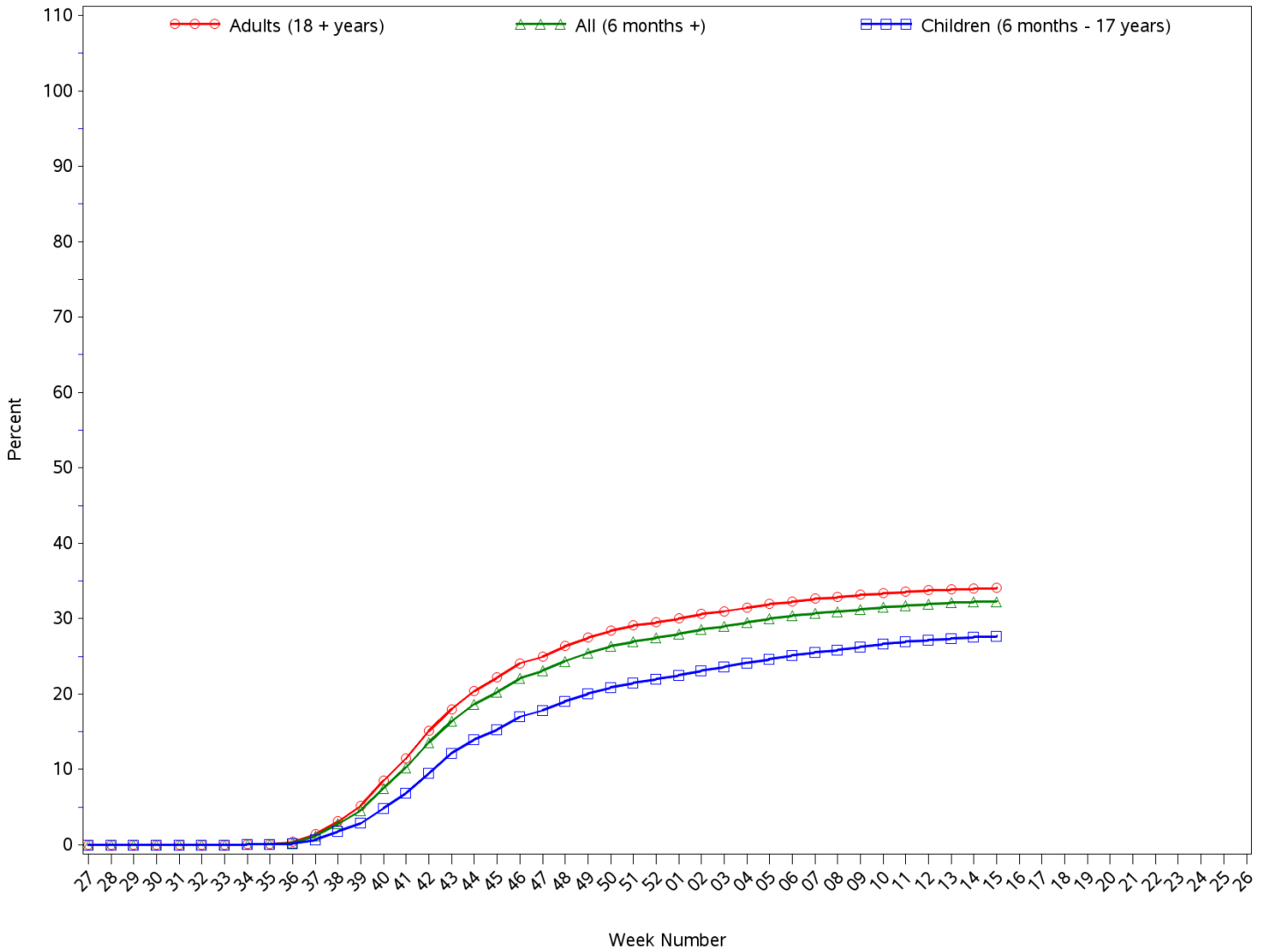
| Area         | Previous Week (14) | Current Week (15) |
|--------------|--------------------|-------------------|
| NATIONAL     | 1.5                | 1.2               |
| ALBUQUERQUE  | 0.7                | 0.9               |
| BEMIDJI      | 2.4                | 2.3               |
| BILLINGS     | 1.2                | 0.8               |
| CALIFORNIA   | 1.8                | 1.9               |
| GREAT PLAINS | 2.7                | 2.8               |
| NASHVILLE    | 2.7                | 1.9               |
| NAVAJO       | 1.1                | 1.2               |
| OKLAHOMA     | 1.2                | 0.8               |
| PHOENIX      | 1.3                | 0.8               |
| PORTLAND     | 1.1                | 0.7               |
| TUCSON       | 0.5                | 0.6               |

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

**IHS Influenza Vaccination Surveillance**

As of 4/13/2024, sites reporting to the IIAS have administered 215,514 (1st and 2nd) of seasonal influenza vaccine to active clinical patients 6 months of age and older.

**All Reporting IHS Areas**  
**Percentage of Seasonal Influenza Vaccine Coverage among Active Clinical Population**  
**07/02/23 through 4/13/24 (Week 15)**



**All Reporting IHS Areas**  
**Seasonal Influenza Vaccine Coverage by Age Group\***  
**Active Clinical Population\*\***  
**07/02/23 through 4/13/24 (Week 15)**

| Age Group                      | Active Clinical Population* | Seasonal Flu Vaccine (Atleast One Dose)*** | % Seasonal Flu (Atleast One Dose) | Seasonal Flu Vaccine (Two Doses) | % Seasonal Flu (Two Doses) | Total # Doses Administered**** |
|--------------------------------|-----------------------------|--|-----------------------------------|----------------------------------|----------------------------|--------------------------------|
| 0 - 5 months                   | 2,391                       | 44   | 1.8                               | 1                                | 0.0                        | 46                             |
| 6 - 23 months                  | 11,963                      | 5,314                                      | 44.4                              | 1,840                            | 15.4                       | 7,389                          |
| 2 - 4 years                    | 31,846                      | 6,935                                      | 21.8                              | 256                              | 0.8                        | 7,398                          |
| 5 - 17 years                   | 131,667                     | 36,352                                     | 27.6                              | 196                              | 0.1                        | 37,399                         |
| 18 - 49 years                  | 267,026                     | 64,084                                     | 24.0                              | 314                              | 0.1                        | 66,338                         |
| 50 - 64 years                  | 116,788                     | 47,873                                     | 41.0                              | 241                              | 0.2                        | 49,180                         |
| 65 + years                     | 82,087                      | 46,758                                     | 57.0                              | 273                              | 0.3                        | 47,810                         |
| Children (6 months - 17 years) | 175,476                     | 48,601                                     | 27.7                              | 2,292                            | 1.3                        | 52,186                         |
| Adults (18 + years)            | 465,901                     | 158,715                                    | 34.1                              | 828                              | 0.2                        | 163,328                        |
| All (6 months +)               | 641,377                     | 207,316                                    | 32.3                              | 3,120                            | 0.5                        | 215,514                        |

\* Limited to sites that exported both doses administered along with accompanying 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

**Seasonal Influenza Vaccination Code Counts by IHS Area  
07/02/23 through 4/13/24 (Week 15)**

| Area         | CVX 135<br>FLU-<br>HIGH | CVX 141<br>FLU-<br>IIV3 | CVX 149<br>FLU-<br>LAIV4 | CVX 150<br>FLU-<br>IIV4pf | CVX 155<br>FLU<br>-<br>RIV<br>3 | CVX 158<br>FLU-<br>IIV4 | CV X<br>160<br>H5N<br>1<br>adj | CVX<br>161<br>IIV4<br>pf<br>ped | CVX<br>168<br>FLU-<br>IIV3ad | CVX<br>171<br>FLU-<br>ccIIV4pf | CVX<br>185<br>FLU-<br>RIV4 | CVX<br>186<br>FLU-<br>ccIIV4 | CVX<br>197<br>FLU-<br>IIV | CV<br>X<br>205<br>FL<br>U-<br>aII<br>V4 | CPT<br>Billing<br>Codes+ | INACTIVE<br>CVX<br>CODES* | Cumulative<br># of Doses<br>Seasonal<br>Flu |
|--------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------------|-------------------------|--------------------------------|---------------------------------|------------------------------|--------------------------------|----------------------------|------------------------------|---------------------------|---|--------------------------|---------------------------|---|
| ALB          | 65                      | 49                      | 18                       | 12,857                    | 1                               | 1,335                   | 0                              | 19                              | 1                            | 185                            | 22                         | 40                           | 4,519                     | 19                                      | 62                       | 241                       | 19,433                                      |
| BEM          | 18                      | 3                       | 47                       | 3,315                     | 0                               | 235                     | 0                              | 0                               | 0                            | 184                            | 1                          | 4                            | 1,069                     | 5                                       | 17                       | 215                       | 5,113                                       |
| BIL          | 260                     | 3                       | 99                       | 8,622                     | 0                               | 2,011                   | 0                              | 3                               | 0                            | 58                             | 5                          | 3                            | 1,644                     | 16                                      | 99                       | 236                       | 13,059                                      |
| CAO          | 68                      | 2                       | 5                        | 823                       | 0                               | 207                     | 0                              | 0                               | 3                            | 318                            | 0                          | 98                           | 204                       | 15                                      | 17                       | 71                        | 1,831                                       |
| GPA          | 452                     | 5                       | 94                       | 9,334                     | 0                               | 3,292                   | 0                              | 15                              | 0                            | 118                            | 2                          | 77                           | 1,648                     | 34                                      | 88                       | 497                       | 15,656                                      |
| NSA          | 118                     | 18                      | 6                        | 8,245                     | 0                               | 192                     | 0                              | 1                               | 0                            | 186                            | 4                          | 6                            | 1,897                     | 127                                     | 122                      | 320                       | 11,242                                      |
| NAV          | 47                      | 19                      | 12                       | 45,338                    | 0                               | 1,820                   | 0                              | 22                              | 0                            | 204                            | 16                         | 71                           | 12,773                    | 49                                      | 61                       | 320                       | 60,752                                      |
| OKC          | 374                     | 64                      | 415                      | 34,627                    | 0                               | 1,996                   | 0                              | 11                              | 0                            | 417                            | 27                         | 125                          | 11,443                    | 87                                      | 93                       | 1,814                     | 51,493                                      |
| PHX          | 47                      | 21                      | 0                        | 16,303                    | 0                               | 5,883                   | 0                              | 6                               | 0                            | 734                            | 10                         | 7                            | 3,685                     | 11                                      | 113                      | 338                       | 27,158                                      |
| POR          | 24                      | 2                       | 54                       | 3,358                     | 1                               | 392                     | 0                              | 0                               | 0                            | 1,116                          | 7                          | 1                            | 1,571                     | 10                                      | 10                       | 97                        | 6,643                                       |
| TUC          | 4                       | 0                       | 1                        | 4,242                     | 0                               | 23                      | 0                              | 2                               | 0                            | 12                             | 1                          | 5                            | 572                       | 0                                       | 14                       | 15                        | 4,891                                       |
| <b>Total</b> | <b>1,477</b>            | <b>186</b>              | <b>751</b>               | <b>147,064</b>            | <b>2</b>                        | <b>17,386</b>           | <b>0</b>                       | <b>79</b>                       | <b>4</b>                     | <b>3,532</b>                   | <b>95</b>                  | <b>437</b>                   | <b>41,025</b>             | <b>373</b>                              | <b>696</b>               | <b>4,164</b>              | <b>217,271</b>                              |

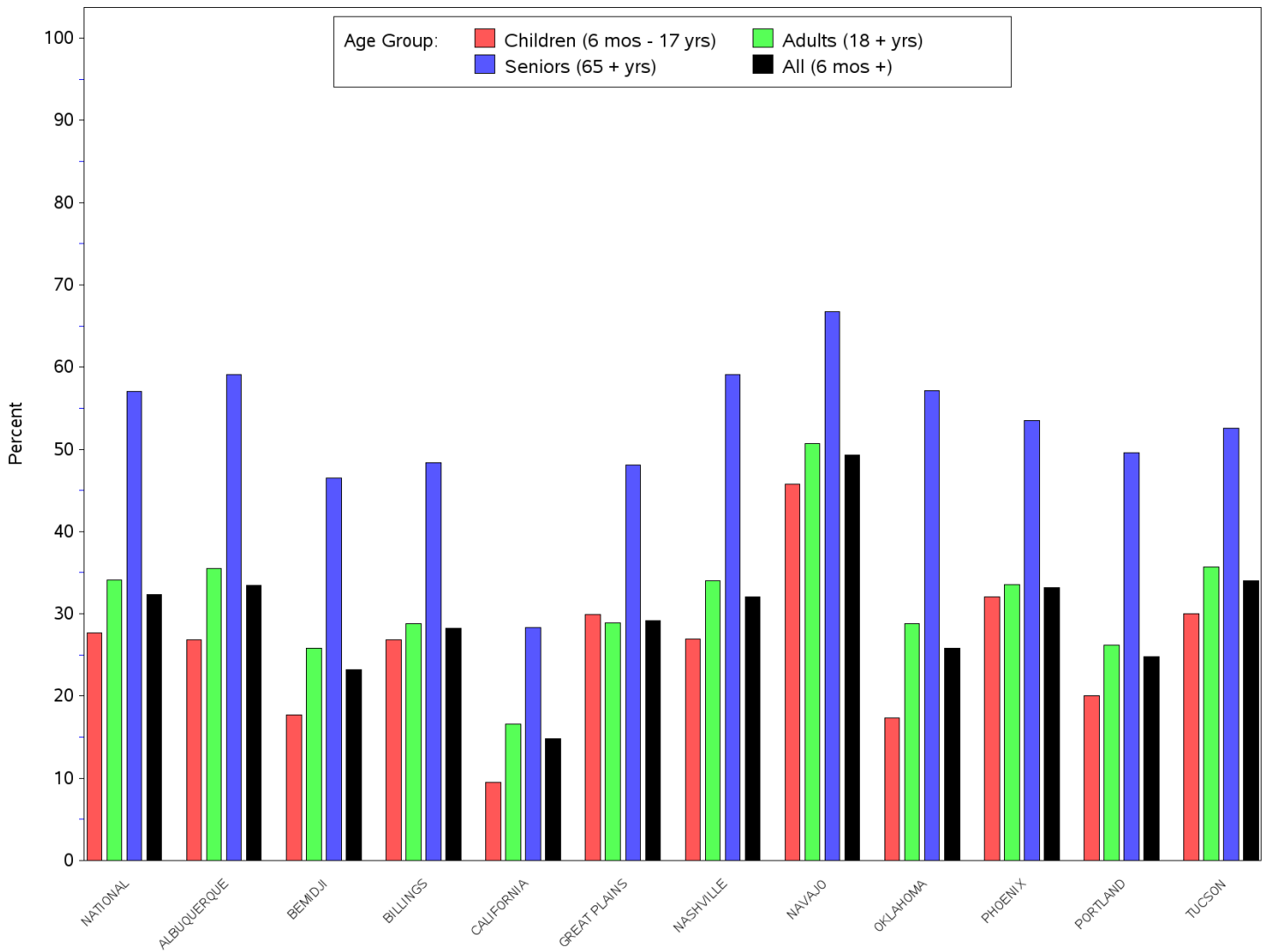
Patient Counts Not Deduplicated

\* Inactive CVX Codes- the following CVX codes should not be used to document flu vaccines administered during flu season 2023-2024:  
15(FLU-TIVhx), 16(FLU-WHOLE), 88(FLU-NOS), 111(FLU-LAIV3), 123(FLU-H5N1), 140(FLU-IIV3pf), 144(FLU-DERMAL), 151(FLU-NasNOS), 153(FLU-ccIIV3), 166(FLU-DERM4).

+ CPT Flu codes include: 90653, 90657, 90658, 90662, 90672, 90673, 90674, 90682, 90685, 90686, 90687, 90688, 90694, 90756.



**All Reporting IHS Areas**  
**Influenza Vaccine Coverage for all Age Groups for National and in each Area**  
**% Seasonal Flu (At Least 1 Dose) for Active Clinical Population**  
**07/02/23 through 4/13/24 (Week 15)**



**All Reporting IHS Areas**  
**Influenza Vaccine Coverage for all Age Groups for National and in each Area**  
**% Seasonal Flu (At Least 1 Dose) for Active Clinical Population**  
**07/02/23 through 4/13/24 (Week 15)**

| <b>Area</b>  | <b>Children<br/>(6 mos - 17 yrs)</b> | <b>Adults<br/>(18 + yrs)</b> | <b>Seniors<br/>(65 + yrs)</b> | <b>All<br/>(6 mos +)</b> |
|--------------|--------------------------------------|------------------------------|-------------------------------|--------------------------|
| NATIONAL     | 27.7                                 | 34.1                         | 57.0                          | 32.3                     |
| ALBUQUERQUE  | 26.8                                 | 35.5                         | 59.1                          | 33.5                     |
| BEMIDJI      | 17.7                                 | 25.8                         | 46.5                          | 23.2                     |
| BILLINGS     | 26.8                                 | 28.8                         | 48.4                          | 28.2                     |
| CALIFORNIA   | 9.5                                  | 16.6                         | 28.3                          | 14.8                     |
| GREAT PLAINS | 29.9                                 | 28.9                         | 48.1                          | 29.2                     |
| NASHVILLE    | 26.9                                 | 34.0                         | 59.1                          | 32.1                     |
| NAVAJO       | 45.8                                 | 50.7                         | 66.7                          | 49.3                     |
| OKLAHOMA     | 17.3                                 | 28.8                         | 57.1                          | 25.8                     |
| PHOENIX      | 32.1                                 | 33.6                         | 53.5                          | 33.2                     |
| PORTLAND     | 20.0                                 | 26.2                         | 49.6                          | 24.8                     |
| TUCSON       | 30.0                                 | 35.7                         | 52.6                          | 34.0                     |

**Number of RPMS Databases Reporting For Week Ending 4/13/24 (Week 15)**

| <b>Area</b>  | <b># of ITU Sites Reporting*</b> | <b># of Facilities Reporting**</b> |
|--------------|----------------------------------|------------------------------------|
| NATIONAL     | 100                              | 171                                |
| ALBUQUERQUE  | 13                               | 19                                 |
| BEMIDJI      | 3                                | 6                                  |
| BILLINGS     | 9                                | 16                                 |
| CALIFORNIA   | 7                                | 10                                 |
| GREAT PLAINS | 11                               | 19                                 |
| NASHVILLE    | 20                               | 25                                 |
| NAVAJO       | 4                                | 10                                 |
| OKLAHOMA     | 18                               | 36                                 |
| PHOENIX      | 7                                | 17                                 |
| PORTLAND     | 7                                | 9                                  |
| TUCSON       | 1                                | 4                                  |

\* Exporting databases may include data from multiple facilities.

\*\* Includes only facility categories: Hospital, Health Center, Health Station and Health Location

**All Reporting IHS Areas**  
**Seasonal Influenza Vaccine Coverage by Clinical Setting**  
**07/02/23 through 4/13/24 (Week 15)**

| <b>Clinical Setting***</b>          | <b># of Patients Vaccinated*</b> | <b>Total # Doses Administered**</b> |
|-------------------------------------|----------------------------------|-------------------------------------|
| <b>Ambulatory</b>                   | 194,522                          | 197,451                             |
| <b>Chart Review</b>                 | 955                              | 971                                 |
| <b>Daily Hospitalization Data</b>   | 0                                | 0                                   |
| <b>Event (Historical)</b>           | 15,740                           | 15,973                              |
| <b>Hospitalization</b>              | 673                              | 684                                 |
| <b>In Hospital</b>                  | 52                               | 88                                  |
| <b>Telemedicine</b>                 | 101                              | 102                                 |
| <b>Not Found</b>                    | 40                               | 41                                  |
| <b>Observation</b>                  | 163                              | 163                                 |
| <b>Nursing Home</b>                 | 43                               | 43                                  |
| <b>Day Surgery</b>                  | 3                                | 3                                   |
| <b>Telecommunications</b>           | 37                               | 41                                  |
| <b>Ancillary Package Daily Data</b> | 0                                | 0                                   |
| <b>Total</b>                        | 212,329                          | 215,560                             |

|                      |                            | <b># of Patients Vaccinated*</b> | <b>Total # Doses Administered**</b> |
|----------------------|----------------------------|----------------------------------|-------------------------------------|
| <i>Age Group</i>     | <i>Clinical Setting***</i> |                                  |                                     |
| <b>0 - 5 months</b>  | <b>Within IHS System</b>   | 42                               | 42                                  |
|                      | <b>Outside IHS System</b>  | 3                                | 4                                   |
| <b>6 - 23 months</b> | <b>Within IHS System</b>   | 4,937                            | 6,742                               |
|                      | <b>Outside IHS System</b>  | 553                              | 647                                 |
| <b>2 - 4 years</b>   | <b>Within IHS System</b>   | 6,698                            | 6,958                               |
|                      | <b>Outside IHS System</b>  | 433                              | 440                                 |
| <b>5 - 17 years</b>  | <b>Within IHS System</b>   | 35,688                           | 35,877                              |
|                      | <b>Outside IHS System</b>  | 1,481                            | 1,493                               |
| <b>18 - 49 years</b> | <b>Within IHS System</b>   | 60,195                           | 60,493                              |
|                      | <b>Outside IHS System</b>  | 5,801                            | 5,837                               |
| <b>50 - 64 years</b> | <b>Within IHS System</b>   | 44,675                           | 44,882                              |
|                      | <b>Outside IHS System</b>  | 4,257                            | 4,298                               |
| <b>65 + years</b>    | <b>Within IHS System</b>   | 44,314                           | 44,552                              |
|                      | <b>Outside IHS System</b>  | 3,212                            | 3,254                               |
| <b>Total</b>         |                            | 212,289                          | 215,519                             |