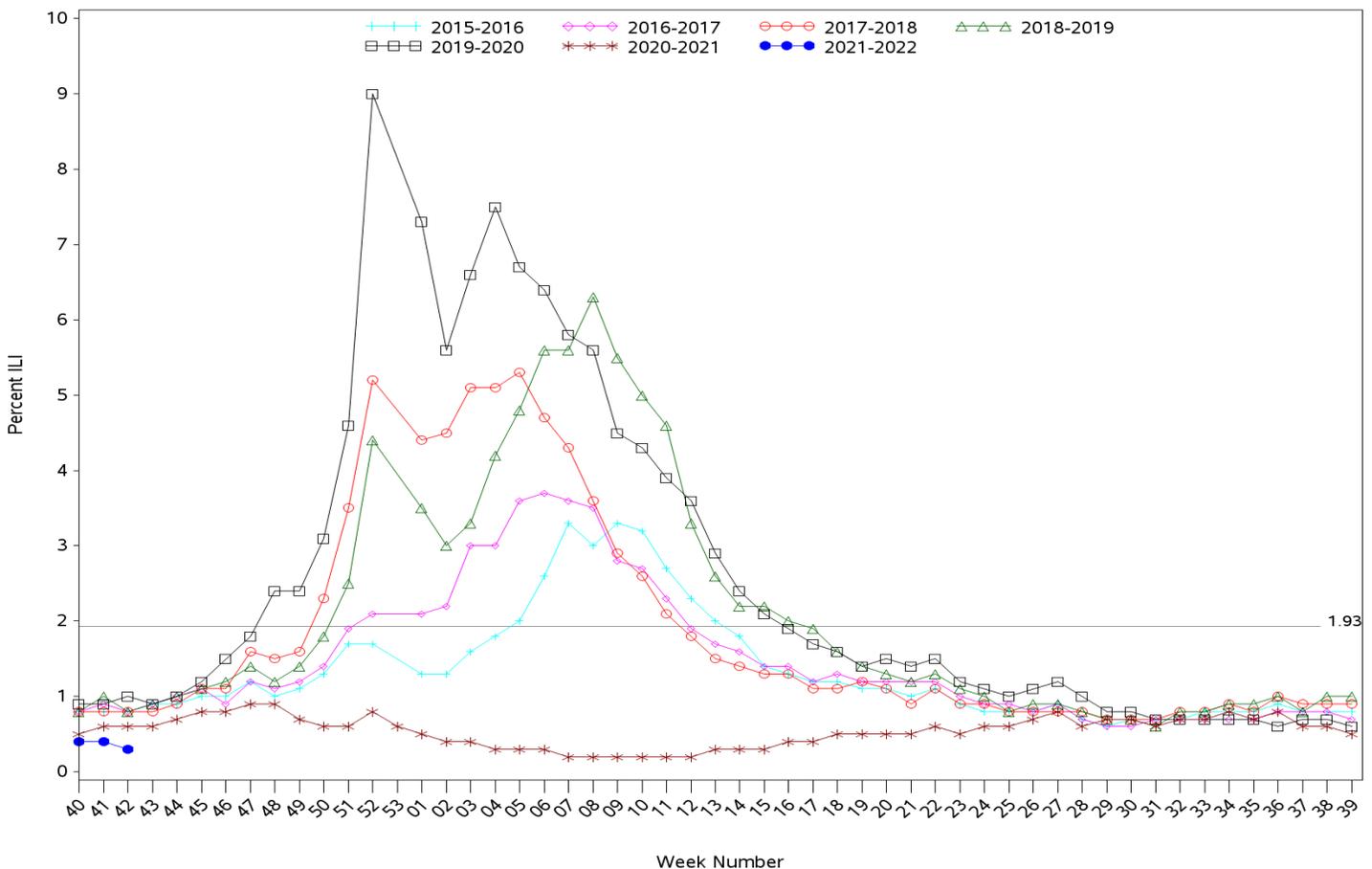




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza-like Illness Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**(Week 42: 10/17/2021 - 10/23/2021)**

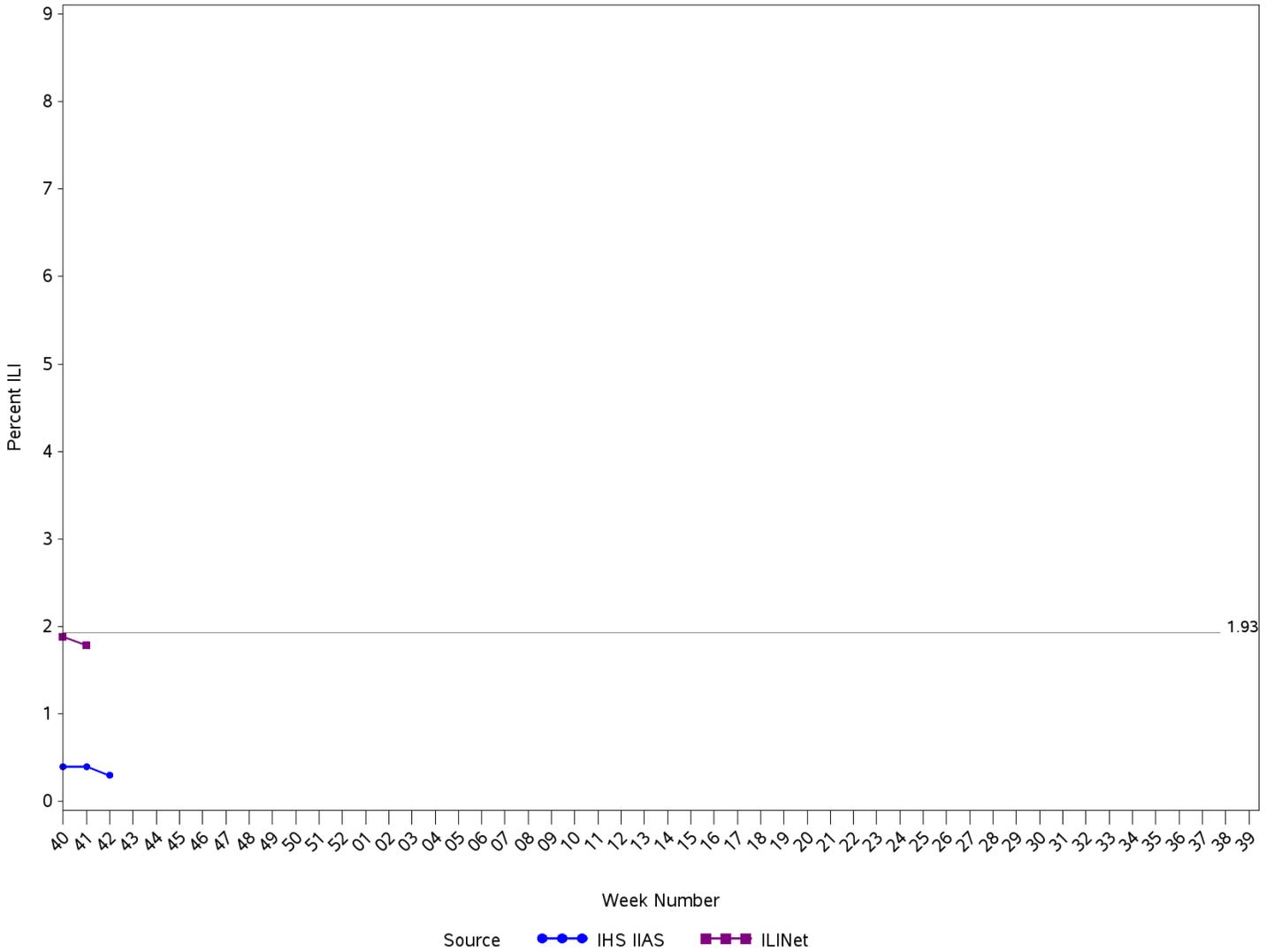
- IHS national Influenza-like illness (ILI) activity is low at 0.4%, below the IHS baseline of 1.93%
  - Five out of eleven IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly decreased ILI activity from the previous week.
  - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 42 (1.82%), below the ILINet baseline (2.5%) and the IHS baseline of 1.93%.
- To date, IHS has administered 77,952 doses of influenza vaccine.
- Overall, 11.7% 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**



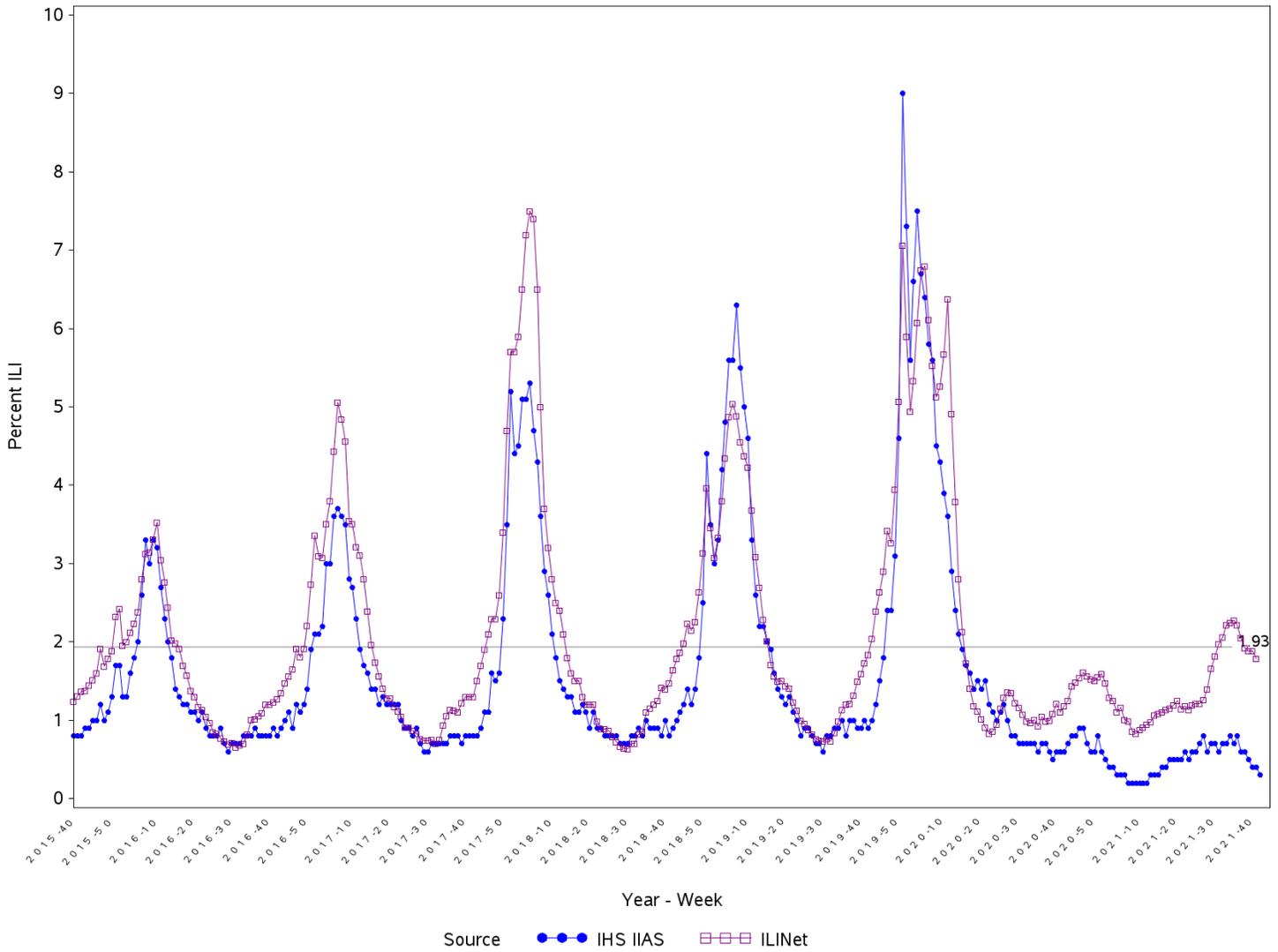
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line represents the 2021-2022 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.  
 The horizontal line is the 2021-2022 ILINet baseline. The ILINet baseline value for 2021-2022 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, IIAS - IHS Influenza Awareness System

**Percentage of Outpatient Visits for Influenza-Like Illness (ILI)**  
**Percent ILI for Flu Year 2021 - 2022**  
**CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)**  
**10/17/21 through 10/23/21 (Week 42)**



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.  
 The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 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**  
**10/17/21 through 10/23/21 (Week 42)**



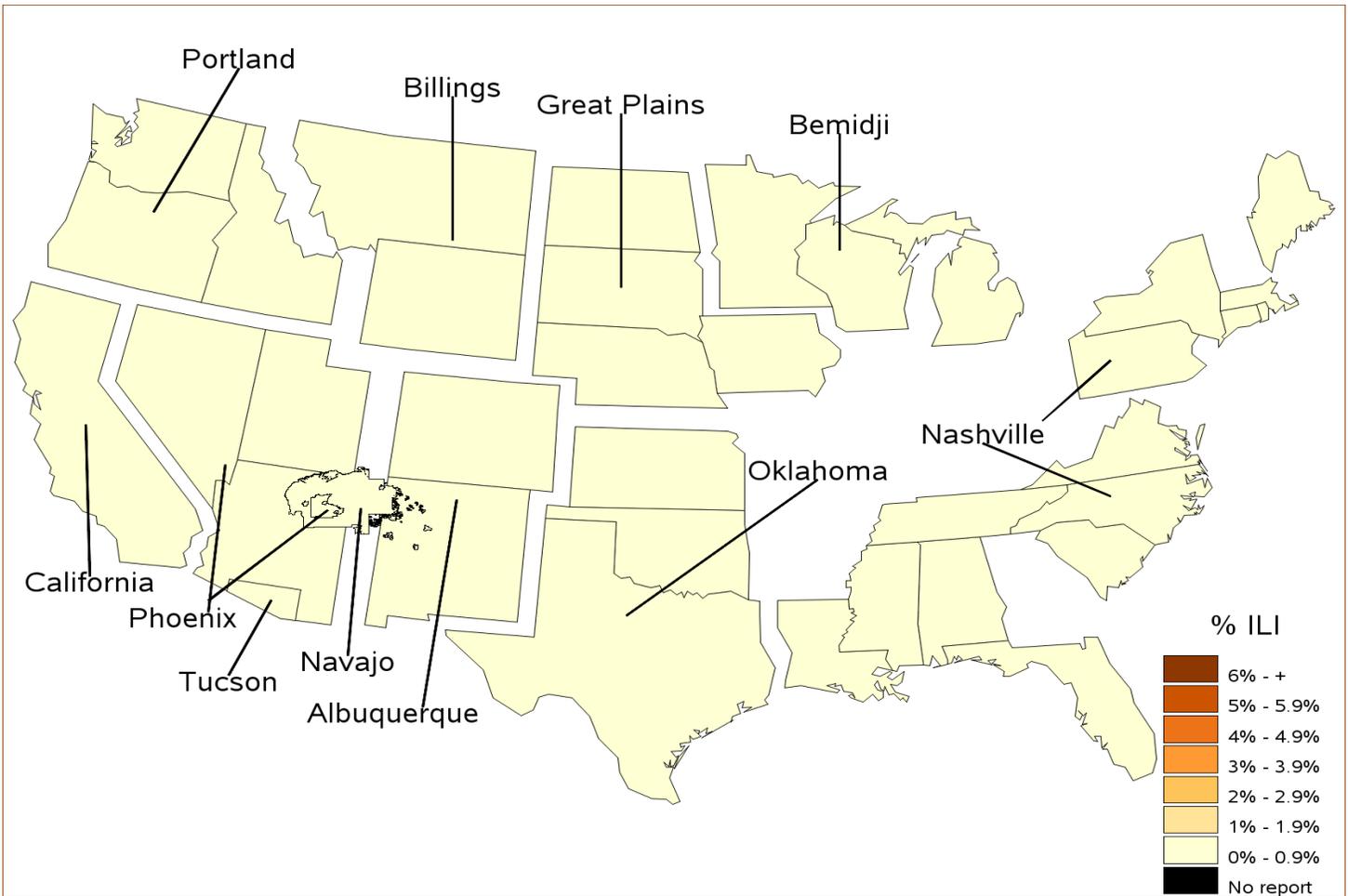
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2021-2022 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2021-2022 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 Sentinal 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 10/23/21 (Week 42)**



**Percent ILI Visits\*  
Current week compared to previous week  
For Week Ending 10/23/21 (Week 42)**

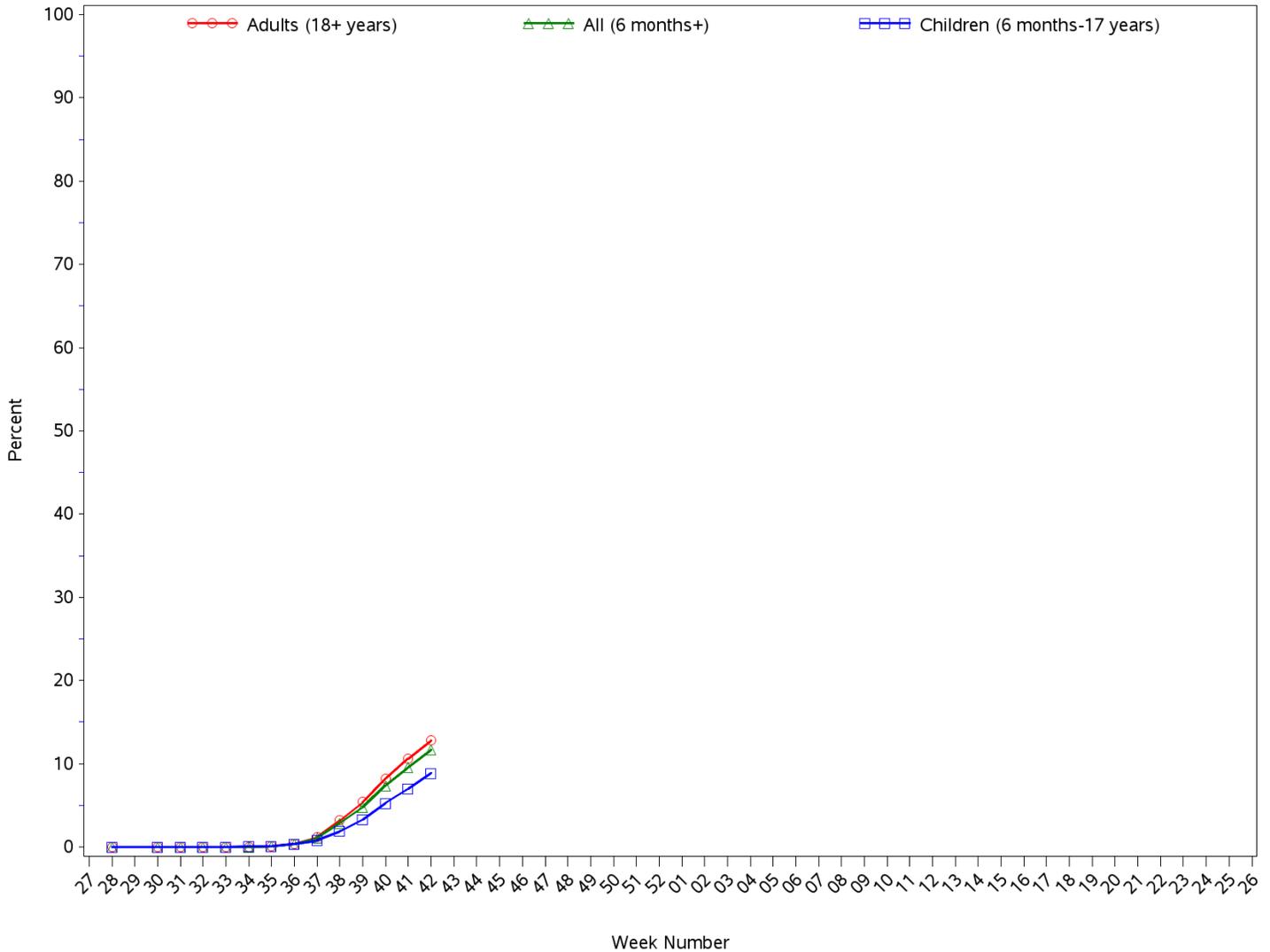
| IHS Areas    | Previous Week (41) | Current Week (42) |
|--------------|--------------------|-------------------|
| NATIONAL     | 0.4                | 0.3               |
| ALBUQUERQUE  | 0.2                | 0.2               |
| BEMIDJI      | 0.6                | 0.5               |
| BILLINGS     | 0.3                | 0.4               |
| CALIFORNIA   | 0.0                | 0.2               |
| GREAT PLAINS | 0.8                | 0.9               |
| NASHVILLE    | 0.6                | 0.4               |
| NAVAJO       | 0.3                | 0.3               |
| OKLAHOMA     | 0.6                | 0.3               |
| PHOENIX      | 0.4                | 0.2               |
| PORTLAND     | 0.1                | 0.1               |
| TUCSON       | 0.2                | 0.7               |

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

# IHS Influenza Vaccination Surveillance

As of 10/23/2021, sites reporting to the IIAS have administered 77,952 doses (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 07/04/21 through 10/23/21 (Week 42)



**All Reporting IHS Areas**  
**Seasonal Influenza Vaccine Coverage by Age Group\***  
**Active Clinical Population\*\***  
**07/04/21 through 10/23/21 (Week 42)**

| 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                 | 2,480                        | 6   | 0.2                              | 0                                       | 0.0                               | 6                              |
| 6 - 23 months                | 12,392                       | 1,353                                     | 10.9                             | 24                                      | 0.2                               | 1,377                          |
| 2 - 4 years                  | 32,943                       | 2,255                                     | 6.8                              | 2                                       | 0.0                               | 2,259                          |
| 5 - 17 years                 | 134,633                      | 12,471                                    | 9.3                              | 11                                      | 0.0                               | 12,502                         |
| 18 - 49 years                | 272,689                      | 27,330                                    | 10.0                             | 53                                      | 0.0                               | 27,453                         |
| 50 - 64 years                | 120,987                      | 22,402                                    | 18.5                             | 42                                      | 0.0                               | 22,519                         |
| 65 + years                   | 86,762                       | 11,684                                    | 13.5                             | 39                                      | 0.0                               | 11,842                         |
| Children (6 months-17 years) | 179,968                      | 16,079                                    | 8.9                              | 37                                      | 0.0                               | 16,138                         |
| Adults (18+ years)           | 480,438                      | 61,416                                    | 12.8                             | 134                                     | 0.0                               | 61,814                         |
| All (6 months+)              | 660,406                      | 77,495                                    | 11.7                             | 171                                     | 0.0                               | 77,952                         |

\* 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**  
**07/04/21 through 10/23/21 (Week 42)**

| Area | INACTIVE CVX CODES* | CVX 88 FLU-NOS** | CVX 149 FLU-LAIV4 | CVX 150 FLU-IIV4pf | CVX 158 FLU-IIV4 | CVX 161 IIV4pf ped | CVX 168 FLU-IIV3ad | CVX 171 FLU-ccl4pf | CVX 185 FLU-RIV4 | CVX 186 FLU-ccl4 | CVX 197 FLU-HIGH | CVX 205 FLU-IIV4ad | Proc 99.52 Vac Inf | ICD-9 V04.81 Vac Inf | CPT Billing Codes+ | Cumulative # of Doses Seasonal Flu |
|------|---------------------|------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|--------------------|--------------------|----------------------|--------------------|------------------------------------|
| ALB  | 37                  | 71               | 1                 | 3,443              | 2,468            | 71                 | 7                  | 5                  | 4                | 13               | 0                | 0                  | 0                  | 0                    | 28                 | 6,148                              |
| BEM  | 22                  | 24               | 5                 | 2,153              | 45               | 0                  | 0                  | 13                 | 4                | 0                | 0                | 0                  | 0                  | 0                    | 14                 | 2,280                              |
| BIL  | 56                  | 20               | 28                | 3,156              | 1,004            | 7                  | 0                  | 4                  | 28               | 1                | 0                | 0                  | 0                  | 0                    | 16                 | 4,320                              |
| CAO  | 455                 | 83               | 1                 | 869                | 203              | 10                 | 3                  | 162                | 81               | 91               | 0                | 0                  | 0                  | 0                    | 14                 | 1,972                              |
| GPA  | 396                 | 42               | 8                 | 3,608              | 346              | 598                | 0                  | 10                 | 0                | 2                | 0                | 0                  | 0                  | 0                    | 7                  | 5,017                              |
| NSA  | 204                 | 76               | 14                | 2,273              | 2,077            | 4                  | 1                  | 6                  | 1                | 2                | 0                | 0                  | 0                  | 0                    | 33                 | 4,691                              |
| NAV  | 39                  | 100              | 0                 | 22,304             | 2,619            | 95                 | 1                  | 7                  | 5                | 96               | 0                | 0                  | 0                  | 0                    | 65                 | 25,331                             |
| OKC  | 504                 | 326              | 150               | 13,155             | 2,183            | 167                | 2                  | 28                 | 39               | 8                | 0                | 0                  | 0                  | 0                    | 56                 | 16,618                             |
| PHX  | 128                 | 73               | 0                 | 5,697              | 2,994            | 32                 | 2                  | 5                  | 2                | 7                | 0                | 0                  | 0                  | 0                    | 21                 | 8,961                              |
| POR  | 62                  | 12               | 12                | 204                | 660              | 4                  | 0                  | 94                 | 0                | 0                | 0                | 0                  | 0                  | 0                    | 8                  | 1,056                              |
| TUC  | 8                   | 0                | 0                 | 2,002              | 19               | 3                  | 0                  | 2                  | 0                | 0                | 0                | 0                  | 0                  | 0                    | 1                  | 2,035                              |
|      | <b>1,911</b>        | <b>827</b>       | <b>219</b>        | <b>58,864</b>      | <b>14,618</b>    | <b>991</b>         | <b>16</b>          | <b>336</b>         | <b>164</b>       | <b>220</b>       | <b>0</b>         | <b>0</b>           | <b>0</b>           | <b>0</b>             | <b>263</b>         | <b>78,429</b>                      |

Patient Counts Not Deduplicated

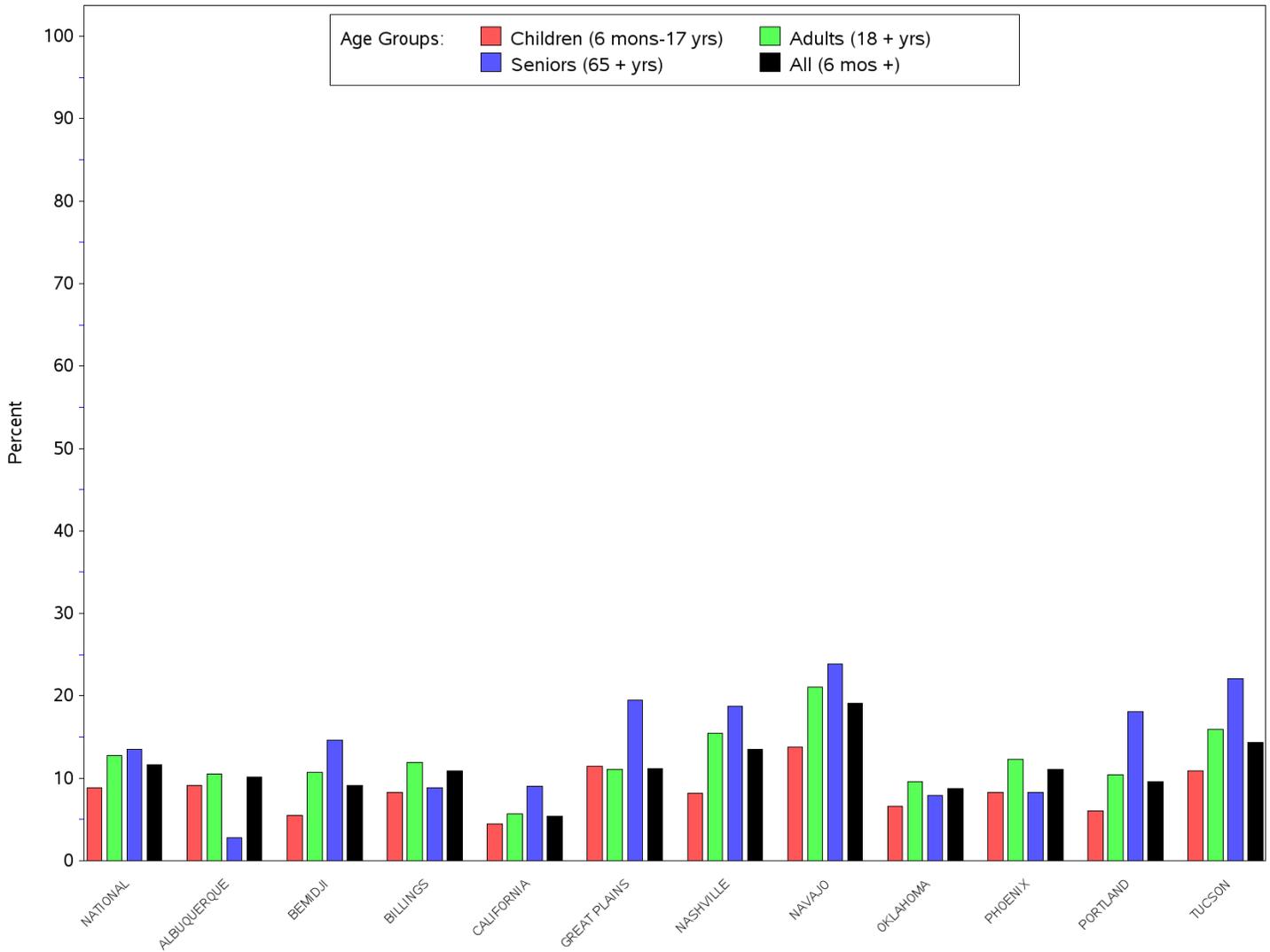
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

\*\* 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: 90654-90658,90662, 90672, 90673, 90685, 90686, G0008, and 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.

**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**  
**07/04/21 through 10/16/21 (Week 41)**



**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**  
**07/04/21 through 10/23/21 (Week 42)**

| Area         | Children<br>(6 mons-17 yrs) | Adults<br>(18+ yrs) | Seniors<br>(65+ yrs) | All<br>(6 mons +) |
|--------------|-----------------------------|---------------------|----------------------|-------------------|
| NATIONAL     | 8.9                         | 12.8                | 13.5                 | 11.7              |
| ALBUQUERQUE  | 9.1                         | 10.5                | 2.8                  | 10.2              |
| BEMIDJI      | 5.5                         | 10.7                | 14.6                 | 9.1               |
| BILLINGS     | 8.3                         | 11.9                | 8.9                  | 10.9              |
| CALIFORNIA   | 4.5                         | 5.7                 | 9.0                  | 5.4               |
| GREAT PLAINS | 11.5                        | 11.1                | 19.5                 | 11.2              |
| NASHVILLE    | 8.2                         | 15.5                | 18.7                 | 13.5              |
| NAVAJO       | 13.8                        | 21.1                | 23.9                 | 19.1              |
| OKLAHOMA     | 6.6                         | 9.6                 | 7.9                  | 8.8               |
| PHOENIX      | 8.3                         | 12.3                | 8.3                  | 11.1              |
| PORTLAND     | 6.1                         | 10.4                | 18.1                 | 9.6               |
| TUCSON       | 10.9                        | 15.9                | 22.1                 | 14.4              |

**Number of RPMS Databases Reporting for Week Ending 10/23/21 (Week 42)**

| IHS Area     | # of RPMS Databases Reporting* | # of Facilities Reporting** |
|--------------|--------------------------------|-----------------------------|
| NATIONAL     | 106                            | 187                         |
| ALBUQUERQUE  | 14                             | 21                          |
| BEMIDJI      | 3                              | 7                           |
| BILLINGS     | 10                             | 22                          |
| CALIFORNIA   | 11                             | 17                          |
| GREAT PLAINS | 8                              | 12                          |
| NASHVILLE    | 21                             | 24                          |
| NAVAJO       | 6                              | 16                          |
| OKLAHOMA     | 18                             | 39                          |
| PHOENIX      | 7                              | 16                          |
| 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

NR = Not Reported