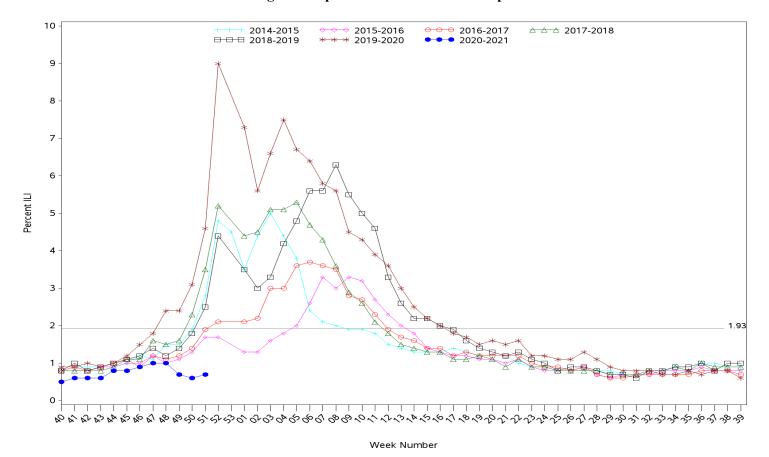# Indian Health Service
Division of Epidemiology and Disease Prevention
Influenza- Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 51: 12/13/2020 – 12/19/2020)

- IHS national Influenza-like illness (ILI) activity is low at 0.7%, below the IHS baseline of 1.93%
    - Five out of ten IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
    - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 51 (1.54%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 200,468 doses of influenza vaccine.
- Overall, 27.9% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- Tucson Area did not report or reported insufficient data and are excluded from analyses this week.
- Alaska Area is excluded because only one facility is exporting ILI data files and would not be representative of the entire Area.

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

Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
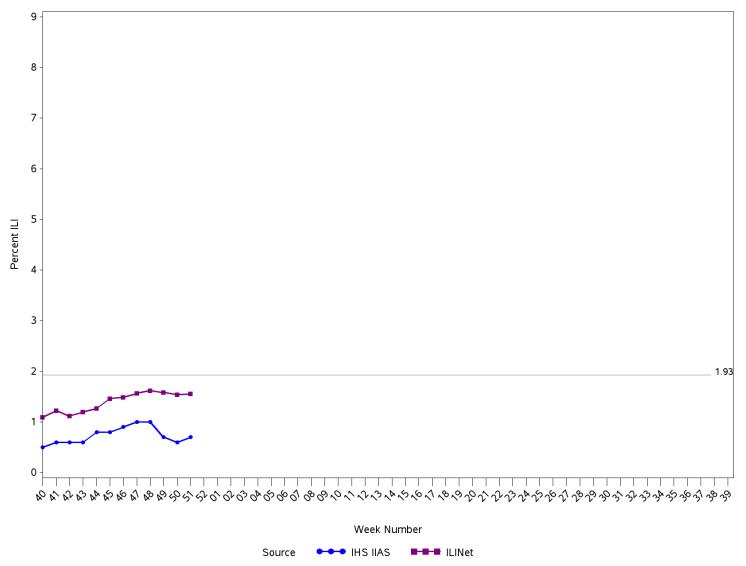The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.
The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.
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 2020 - 2021
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
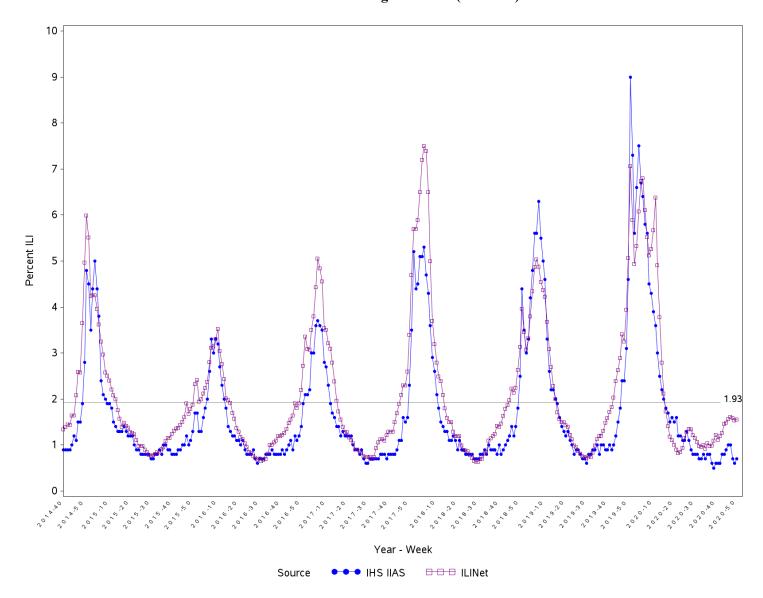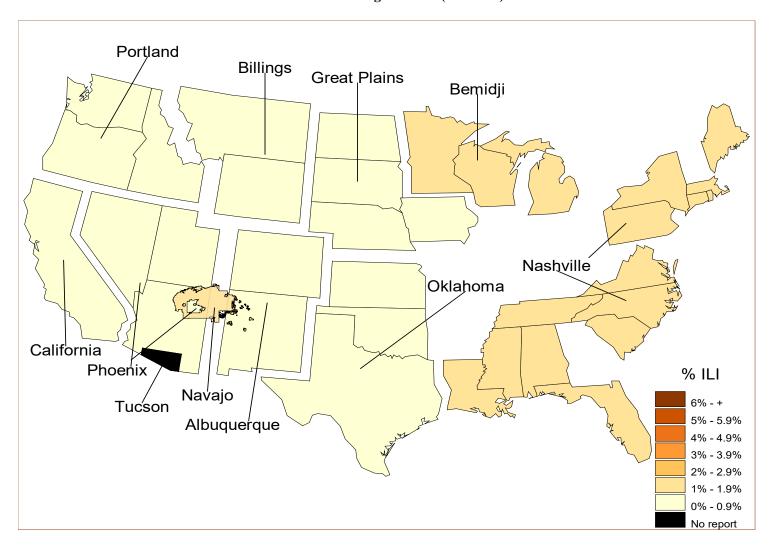## 09/27/20 through 12/19/20 (Week 51)

Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.
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
09/28/13 through 12/19/20 (Week 51)

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

The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC ILINet baseline value for 2020-2021 is 2.6.

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 IIAS - Influenza-like Illness Awareness System

Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 12/19/20 (Week 51)

% ILI

- 6% - +
- 5% - 5.9%
- 4% - 4.9%
- 3% - 3.9%
- 2% - 2.9%
- 1% - 1.9%
- 0% - 0.9%
- No report

Percent ILI Visits*
Current week compared to previous week
For Week Ending 12/19/20 (Week 51)

IHS Areas	Previous Week (50)	Current Week (51)
NATIONAL	0.6	0.7
ALBUQUERQUE	0.5	0.6
BEMIDJI	0.4	1.8
BILLINGS	0.5	0.6
CALIFORNIA	0.2	0.2
GREAT PLAINS	0.7	0.7
NASHVILLE	0.6	1.2
NAVAJO	1.1	1.5
OKLAHOMA	0.6	0.5
PHOENIX	0.7	0.5
PORTLAND	0.1	0.0
TUCSON	NR	NR

Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
NR = Not Reported

IHS Influenza Vaccination Surveillance

As of 12/19/2020, sites reporting to the IIAS have administered 200,468 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
06/28/20 through 12/19/20 (Week 51)

All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 12/19/20 (Week 51)

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	2,684	22	0.8	0	0.0	22
6 - 23 months	13,306	4,890	36.8	751	5.6	5,641
2 - 4 years	34,976	7,873	22.5	88	0.3	7,961
5 - 17 years	145,934	38,815	26.6	91	0.1	38,912
18 - 49 years	296,947	69,758	23.5	179	0.1	69,950
50 - 64 years	130,844	49,656	38.0	180	0.1	49,856
65 + years	90,762	27,965	30.8	162	0.2	28,148
Children (6 months-17 years)	194,216	51,578	26.6	930	0.5	52,514
Adults (18+ years)	518,553	147,379	28.4	521	0.1	147,954
All (6 months+)	712,769	198,957	27.9	1,451	0.2	200,468

*   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
06/28/20 through 12/19/20 (Week 51)

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	609	151	68	11,136	5,973	29	0	501	67	67	0	0	0	0	92	18,693
BEM	424	36	139	4,940	478	7	2	78	17	3	0	0	0	0	101	6,225
BIL	818	129	146	7,604	993	17	1	15	95	2	0	0	0	0	36	9,856
CAO	2,035	732	13	4,564	1,014	192	0	15	10	170	0	0	0	0	95	8,840
GPA	2,786	130	269	10,367	2,345	16	0	23	12	346	0	0	0	0	50	16,344
NSA	437	85	44	6,071	3,078	3	0	199	102	8	0	0	0	0	175	10,202
NAV	614	225	2	42,705	14,080	82	86	297	44	66	0	0	0	0	179	58,380
OKC	1,964	1,325	301	26,172	2,865	138	12	20	78	1	0	0	0	0	95	32,971
PHX	1,593	1,046	12	15,501	9,684	57	1	2	265	225	0	0	0	0	118	28,504
POR	315	239	175	6,557	1,094	1	2	204	150	133	0	0	0	0	40	8,910
TUC	14	14	0	2,467	9	0	0	0	3	0	0	0	0	0	13	2,520
	11,609	4,112	1,169	138,084	41,613	542	104	1,354	843	1,021	0	0	0	0	994	201,445

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),
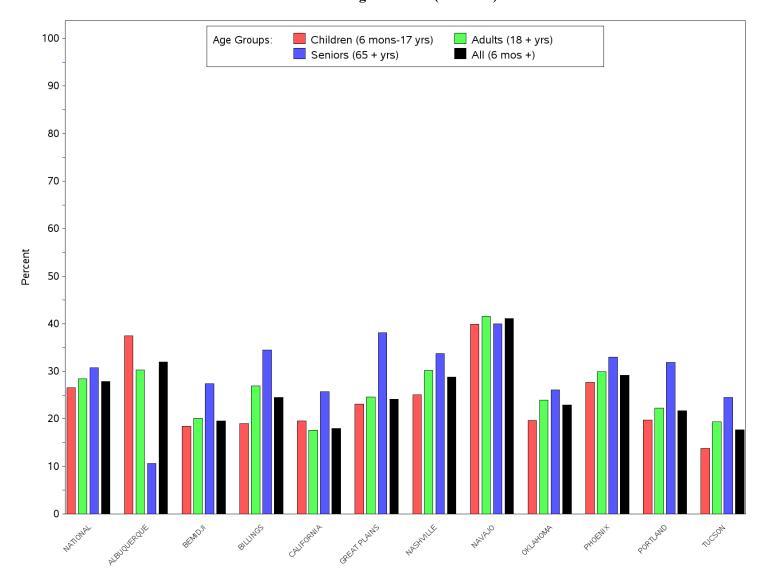153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj)and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.
** CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.
\+ CPT Flu codes include: 90654-90658,90662, 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
06/28/20 through 12/19/20 (Week 51)

Age Groups:
- Children (6 mons-17 yrs)
- Seniors (65 + yrs)
- Adults (18 + yrs)
- All (6 mos +)

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
06/28/20 through 12/19/20 (Week 51)

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	26.6	28.4	30.8	27.9
ALBUQUERQUE	37.5	30.3	10.6	32.0
BEMIDJI	18.5	20.1	27.4	19.6
BILLINGS	19.0	26.9	34.5	24.5
CALIFORNIA	19.6	17.6	25.7	18.0
GREAT PLAINS	23.1	24.6	38.1	24.1
NASHVILLE	25.1	30.2	33.7	28.8
NAVAJO	39.9	41.6	40.0	41.1
OKLAHOMA	19.7	24.0	26.1	22.9
PHOENIX	27.7	29.9	33.0	29.2
PORTLAND	19.8	22.3	31.9	21.7
TUCSON	13.8	19.4	24.5	17.7

Number of RPMS Databases Reporting for Week Ending 12/19/20 (Week 51)

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	109	164
ALBUQUERQUE	12	18
BEMIDJI	2	5
BILLINGS	10	18
CALIFORNIA	13	20
GREAT PLAINS	10	12
NASHVILLE	21	25
NAVAJO	5	11
OKLAHOMA	17	25
PHOENIX	10	17
PORTLAND	9	13
TUCSON	NR	NR

* Exporting databases may include data from multiple facilities.
** Includes only facility categories: Hospital, Health Center, Health Station and Health Location
NR = Not Reported