



### Cumulative Results

Locations	44
Collected	154
Tested	90

<b>Influenza A</b>	<b>1</b>
A(H1N1)pdm09	0
A(H3N2)	1
A/not subtyped	0

<b>Influenza B*</b>	<b>0</b>
B	0

### Other Respiratory Pathogens 35

Adenovirus	6
<i>Bordetella pertussis</i>	0
<i>Chlamydomphila pneumoniae</i>	0
Coronavirus	0
Human Metapneumovirus	0
<i>Mycoplasma pneumoniae</i>	4
Parainfluenza	11
RSV	2
Rhino/Enterovirus	12
Non-influenza Co-infections	0

Lab data are current as of 27 October 2015.  
Results are preliminary and may change as  
more results are received.

\*Influenza B lineages will be reported in the  
periodic molecular sequence reports.

### Respiratory Highlights

#### 11-24 October 2015 (Surveillance Weeks 41 & 42)

- During 11-24 October 2015, a total of 106 specimens were collected and received from 39 locations. Results were finalized for 43 specimens from 26 locations. One influenza A(H3N2) virus was identified in a dependent at NH Bremerton, WA during Week 42.
- During Week 41 (11-17 October 2015), influenza activity was low in the United States. **Viral Surveillance:** The most frequently identified influenza virus type reported by public health laboratories in Week 41 was influenza A viruses, with influenza A(H3N2) viruses predominating. The percentage of respiratory specimens testing positive for influenza in clinical laboratories is low. **Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, which is below the national baseline of 2.1%. All 10 regions reported ILI below region-specific baseline levels. Puerto Rico, New York City and 50 states experienced minimal ILI activity and the District of Columbia had insufficient data. **Geographic Spread of Influenza:** The geographic spread of influenza in Guam was reported as widespread; four states reported local activity; Puerto Rico and 29 states reported sporadic activity; and the District of Columbia, the U.S. Virgin Islands and 17 states reported no influenza activity (CDC FluView Week 41 Report, cited 28 October 2015).

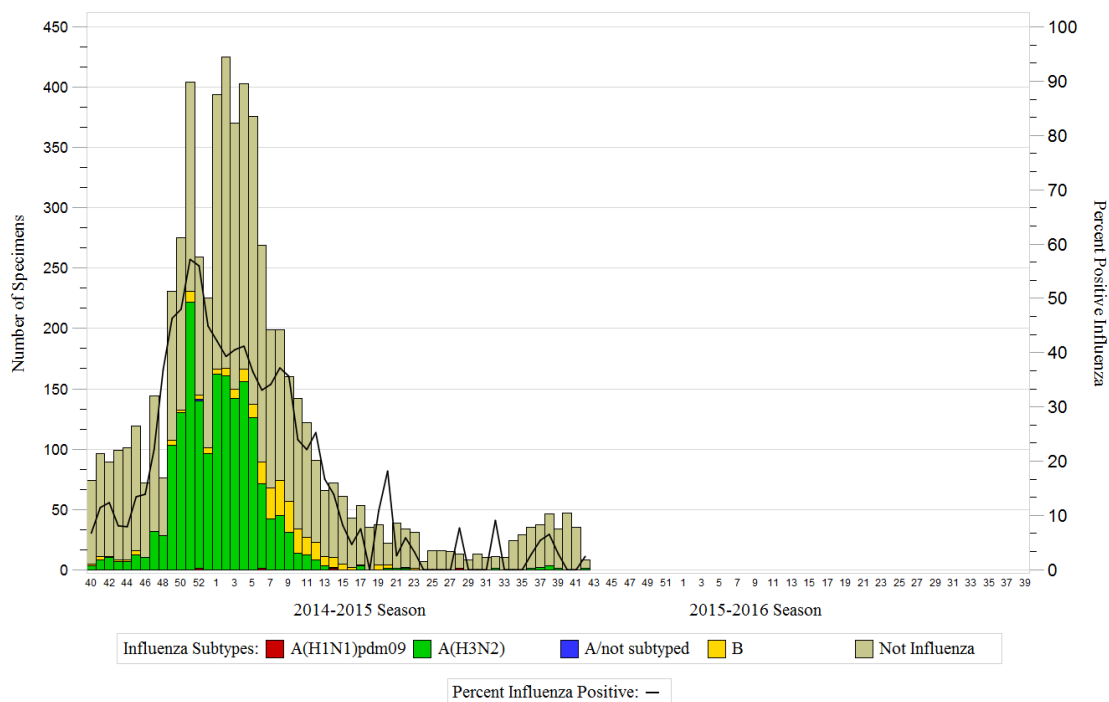
**Table 1.** Results by region and location for specimens collected during Weeks 41 & 42

Region*	A(H3N2)	Adenovirus	M. pneumoniae	Parainfluenza	RSV	Rhinovirus/Enterovirus	No Pathogen	Total
PACOM	-	-	-	-	-	-	1	1
	Eielson AFB, AK	-	-	-	-	-	1	1
	Yokota AB, Japan	-	-	-	1	-	1	2
Region 1	Hanscom AFB, MA	-	-	-	-	-	1	1
	NHCNE Newport, RI	-	-	-	-	1	-	1
Region 2	USMA - West Point, NY	-	-	-	-	-	3	3
Region 3	Dover AFB, DE	-	-	-	-	-	1	1
	JB Andrews, MD	-	-	1	-	-	-	1
	NMC Portsmouth, VA	-	-	1	-	-	-	1
Region 4	Columbus AFB, MS	-	-	-	-	-	1	1
	Keesler AFB, MS	-	-	1	-	-	-	1
	Moody AFB, GA	-	1	-	-	-	1	3
Region 5	Scott AFB, IL	-	-	-	-	-	1	1
	Wright-Patterson AFB, OH	-	-	-	-	1	-	1
Region 6	Altus AFB, OK	-	-	-	1	-	-	1
	Cannon AFB, NM	-	-	-	-	-	2	2
	Sheppard AFB, TX	-	-	-	-	-	4	4
	Tinker AFB, OK	-	-	-	1	-	-	1
	Vance AFB, OK	-	-	-	-	-	2	2
Region 8	Ellsworth AFB, SD	-	-	-	-	-	1	1
	FE Warren AFB, WY	-	-	-	-	-	1	1
	USAF Academy, CO	-	-	-	2	-	-	2
Region 9	Edwards AFB, CA	-	-	-	-	-	1	1
	Nellis AFB, NV	-	1	-	-	-	1	2
	USCG Island Alameda, CA	-	-	-	-	-	1	1
Region 10	Mt Home AFB, ID	-	-	-	-	-	1	1
	NH Bremerton, WA	1	-	-	3	-	-	5
<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>25</b>	<b>43</b>

\*US Regions are based on Health & Human Services regions. Other locations are defined by COCOM.

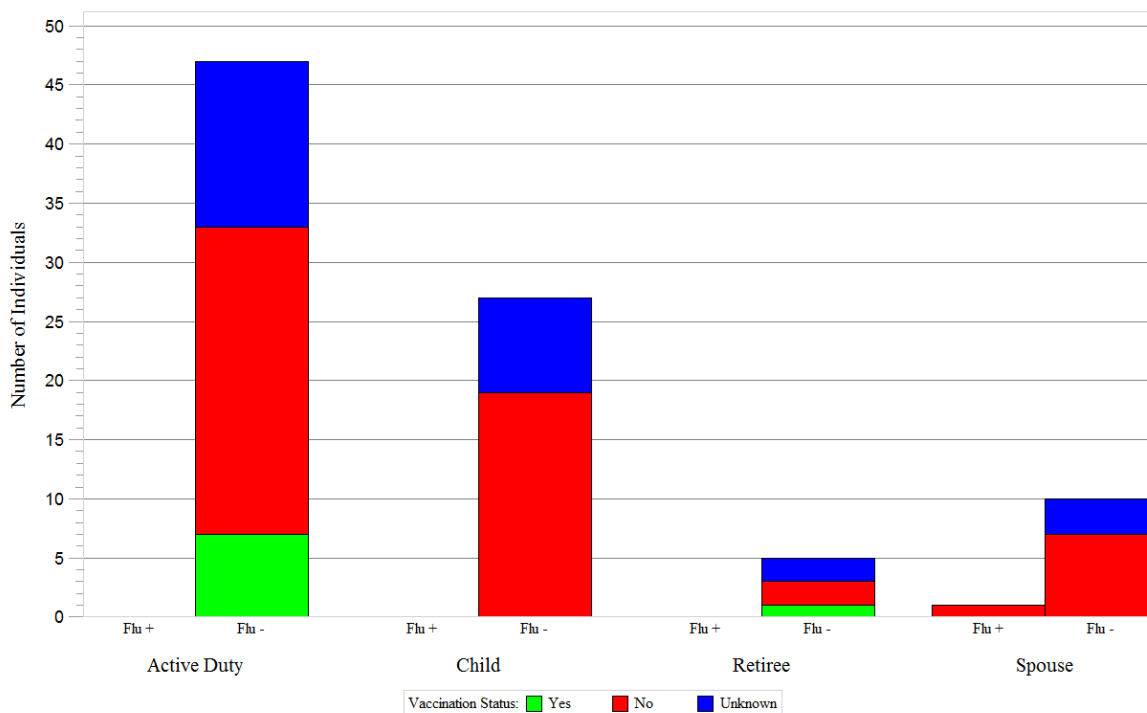
## Laboratory Results - Cumulative for Season

**Graph 1.** Percent influenza positive by week: 2014-2015 surveillance year and through Week 42 of the 2015-2016 surveillance year



Note: Dual influenza co-infections are excluded from this graph. Specimens with pending results are used in the denominator to calculate percent positive, but are not displayed in the graph.

**Graph 2.** Vaccination status by beneficiary type for the 2015-2016 surveillance year through Week 42



**Laboratory Results—Through Current Surveillance Week 42**
**Table 2.** Cumulative results by region and location for specimens collected during the 2015-2016 surveillance year

Region*		A(H3N2)	Adenovirus	<i>M. pneumoniae</i>	Parainfluenza	RSV	Rhinovirus/Enterovirus	No Pathogen	Total
PACOM	Eielson AFB, AK	-	-	-	-	-	-	2	2
	Kadena AB, Japan	-	-	-	-	-	1	-	1
	Misawa AB, Japan	-	-	-	-	1	1	-	2
	Yokota AB, Japan	-	-	-	-	1	-	2	3
Region 1	Hanscom AFB, MA	-	1	-	-	-	-	2	3
	NHCNE Newport, RI	-	-	-	-	-	1	-	1
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	1	-	1
	USMA - West Point, NY	-	-	-	1	-	-	5	6
Region 3	Dover AFB, DE	-	-	-	-	-	-	2	2
	JB Andrews, MD	-	-	1	-	-	-	-	1
	NMC Portsmouth, VA	-	-	1	-	-	-	1	2
Region 4	Columbus AFB, MS	-	-	-	-	-	-	1	1
	Eglin AFB, FL	-	1	-	2	-	-	1	4
	Ft Campbell, KY	-	-	-	-	-	-	1	1
	Keesler AFB, MS	-	-	1	-	-	1	1	3
	Maxwell AFB, AL	-	-	-	-	-	-	1	1
	Moody AFB, GA	-	2	-	-	-	1	3	6
Region 5	Scott AFB, IL	-	-	-	-	-	-	1	1
	Wright-Patterson AFB, OH	-	-	-	-	-	1	-	1
Region 6	Altus AFB, OK	-	-	-	1	-	-	-	1
	Cannon AFB, NM	-	-	-	-	-	-	2	2
	Sheppard AFB, TX	-	-	-	-	-	2	6	8
	Tinker AFB, OK	-	-	-	2	-	-	1	3
	Vance AFB, OK	-	-	-	-	-	-	3	3
Region 7	Ft Leavenworth, KS	-	-	-	-	-	-	1	1
	McConnell AFB, KS	-	-	-	-	-	-	1	1
	Offutt AFB, NE	-	1	-	-	-	-	4	5
Region 8	Ellsworth AFB, SD	-	-	1	-	-	-	1	2
	FE Warren AFB, WY	-	-	-	-	-	1	4	5
	USAF Academy, CO	-	-	-	2	-	-	-	2
Region 9	Davis-Monthan AFB, AZ	-	-	-	-	-	-	1	1
	Edwards AFB, CA	-	-	-	-	-	-	1	1
	Nellis AFB, NV	-	1	-	-	-	1	-	2
	USCG Island Alameda, CA	-	-	-	-	-	-	1	1
Region 10	Mt Home AFB, ID	-	-	-	-	-	-	1	1
	NH Bremerton, WA	1	-	-	3	-	1	4	9
Total		1	6	4	11	2	12	54	90

\*CONUS locations are based on Health & Human Services regions. Other locations are defined by COCOM.

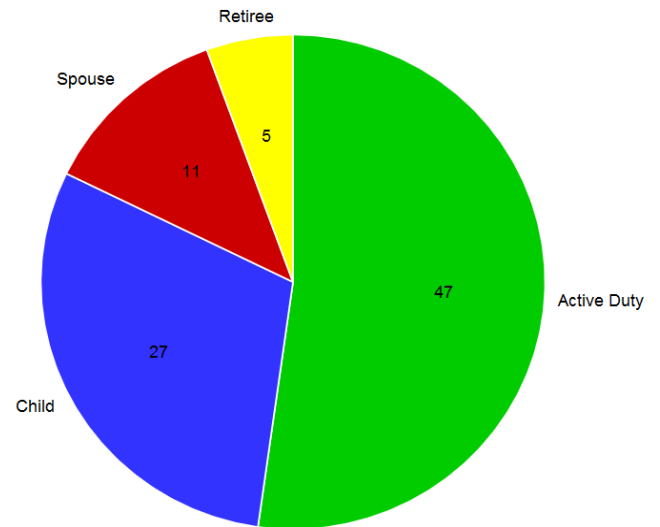
**Table 2.** ILI by age group for the 2015-2016 surveillance year through Week 42

Age Group	Frequency	Percent
0-5	20	22.22
6-9	3	3.33
10-17	4	4.44
18-24	18	20
25-44	35	38.89
45-64	8	8.89
65+	2	2.22

## Demographic Summary

Of 90 ILI cases, 47 are service members (52.2%), 27 are children (30.0%), 11 are spouses (12.2%), and five (5.6%) are retirees. The median age of ILI cases with known age (n=90) is 24.5 (range 0, 85).

**Graph 5.** ILI by beneficiary status for the 2015-2016 surveillance year through Week 42



*Errata:*

[DoD Global, Laboratory-based,  
Influenza Surveillance Program  
https://gumbo2.wpafb.af.mil/epi-consult/influenza/index.cfm](https://gumbo2.wpafb.af.mil/epi-consult/influenza/index.cfm)

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