



Cumulative Results

Locations	51
Collected	221
Tested	170

Influenza A 1

A(H1N1)pdm09	0
A(H3N2)	1
A/not subtyped	0

Influenza B* 1

B	1
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Other Respiratory Pathogens 58

Adenovirus	6
<i>Bordetella pertussis</i>	0
<i>Chlamydomphila pneumoniae</i>	0
Coronavirus	0
Human Metapneumovirus	0
<i>Mycoplasma pneumoniae</i>	7
Parainfluenza	19
RSV	3
Rhino/Enterovirus	16
Non-influenza Co-infections	7

Lab data are current as of 3 November 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

18-31 October 2015 (Surveillance Weeks 42 & 43)

- During 18-31 October 2015, a total of 110 specimens were collected and received from 40 locations. Results were finalized for 62 specimens from 27 locations. One influenza A(H3N2) virus was identified in a dependent at NH Bremerton, WA during Week 42 and one influenza B was identified in an active duty member at USMA - West Point, NY during Week 43.
- During Week 42 (18-24 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 42 was influenza A, 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 1.3%, which is below the national baseline of 2.1%. All 10 regions reported ILI below region-specific baseline levels. Puerto Rico experienced moderate ILI activity, 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 and Hawaii was reported as regional activity; six states reported local activity; Puerto Rico and 35 states reported sporadic activity; and the District of Columbia, the U.S. Virgin Islands and eight states reported no influenza activity (CDC FluView Week 42 Report, cited 3 November 2015).

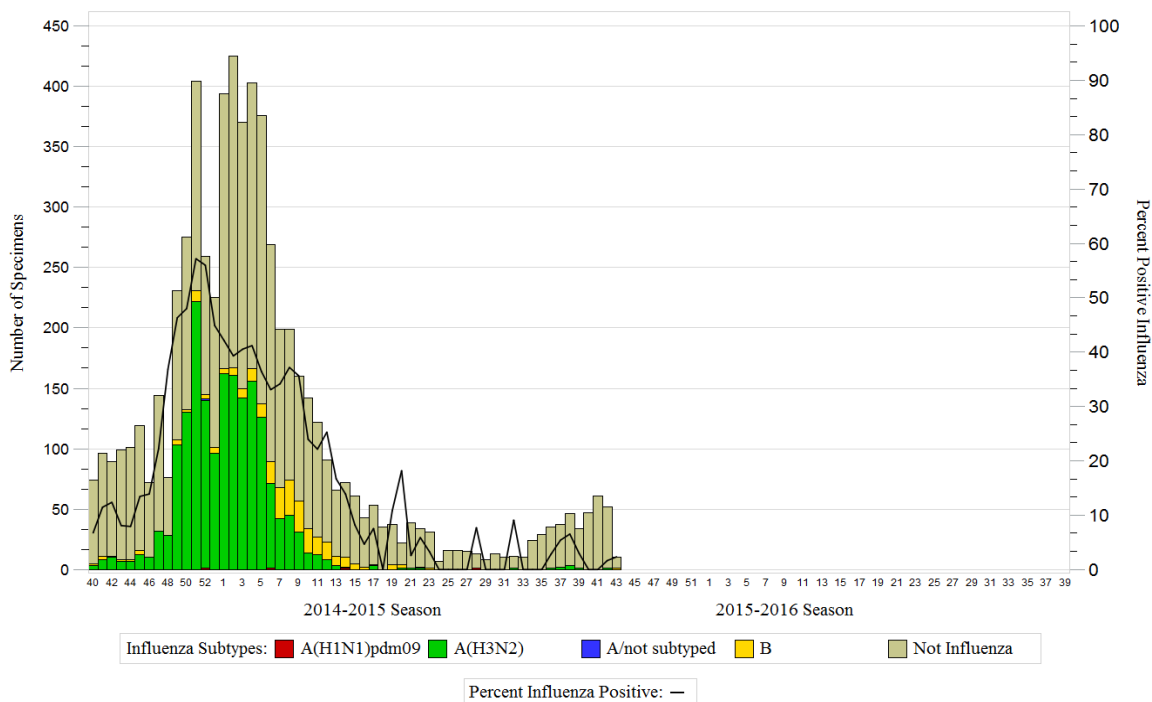
Table 1. Results by region and location for specimens collected during Weeks 42 & 43

		A(H3N2)	B	Adenovirus	<i>M. pneumoniae</i>	Parainfluenza	RSV	Rhino/irus/Enterovirus	Adeno & Para & Rhino/Enterovirus	<i>C. pneumoniae</i> & Rhino/Enterovirus	<i>M. pneumoniae</i> & Rhino/Enterovirus	Para & Rhino/Enterovirus	No Pathogen	Total
Region*														
PACOM	Yokota AB, Japan	-	-	-	-	-	-	-	-	-	-	-	-	1
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	-	1	-	-	-	-	-	1
	USMA - West Point, NY	-	1	-	-	-	-	-	-	1	-	-	-	2
Region 3	JB Langley-Eustis, VA	-	-	-	-	-	-	-	-	-	-	-	-	1
	NMC Portsmouth, VA	-	-	-	-	-	-	-	-	-	1	-	-	4
Region 4	CGS Mobile, AL	-	-	-	-	-	-	-	-	-	-	-	-	1
	Columbus AFB, MS	-	-	-	-	-	-	-	-	-	-	-	-	2
	Ft Bragg, NC	-	-	-	-	-	-	-	-	-	-	-	-	1
	Ft Campbell, KY	-	-	-	-	-	-	1	-	-	-	-	-	1
	Hurlburt Field, FL	-	-	-	-	-	-	-	-	-	-	1	-	1
	Keesler AFB, MS	-	-	-	-	-	-	-	-	-	-	-	-	2
	MacDill AFB, FL	-	-	-	1	-	-	-	-	-	-	-	-	1
	Moody AFB, GA	-	-	1	-	1	-	-	-	-	-	-	-	2
	NH Jacksonville, FL	-	-	-	-	-	-	-	-	-	-	-	-	1
	Tyndall AFB, FL	-	-	-	-	-	-	-	-	-	-	-	-	1
Region 5	Scott AFB, IL	-	-	-	-	-	-	-	-	-	-	-	-	1
Region 6	Altus AFB, OK	-	-	-	-	-	-	-	-	-	-	-	-	2
	Sheppard AFB, TX	-	-	-	1	-	-	-	-	-	-	-	-	3
	Tinker AFB, OK	-	-	-	1	-	-	-	1	-	-	-	-	2
	Vance AFB, OK	-	-	-	-	-	-	-	-	-	-	-	-	2
Region 7	McConnell AFB, KS	-	-	-	-	-	-	-	-	-	-	-	-	2
	Offutt AFB, NE	-	-	-	-	-	-	-	-	-	-	-	-	1
Region 8	Hill AFB, UT	-	-	-	-	-	-	-	-	-	-	-	-	1
	USAF Academy, CO	-	-	-	-	2	-	1	-	-	-	-	-	4
Region 9	Edwards AFB, CA	-	-	-	-	-	-	-	-	-	-	-	-	1
	Nellis AFB, NV	-	-	-	1	1	-	-	-	-	-	-	-	2
Region 10	NH Bremerton, WA	1	-	-	-	5	-	1	-	-	1	-	-	10
Total		1	1	1	1	11	2	4	1	1	1	1	36	62

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

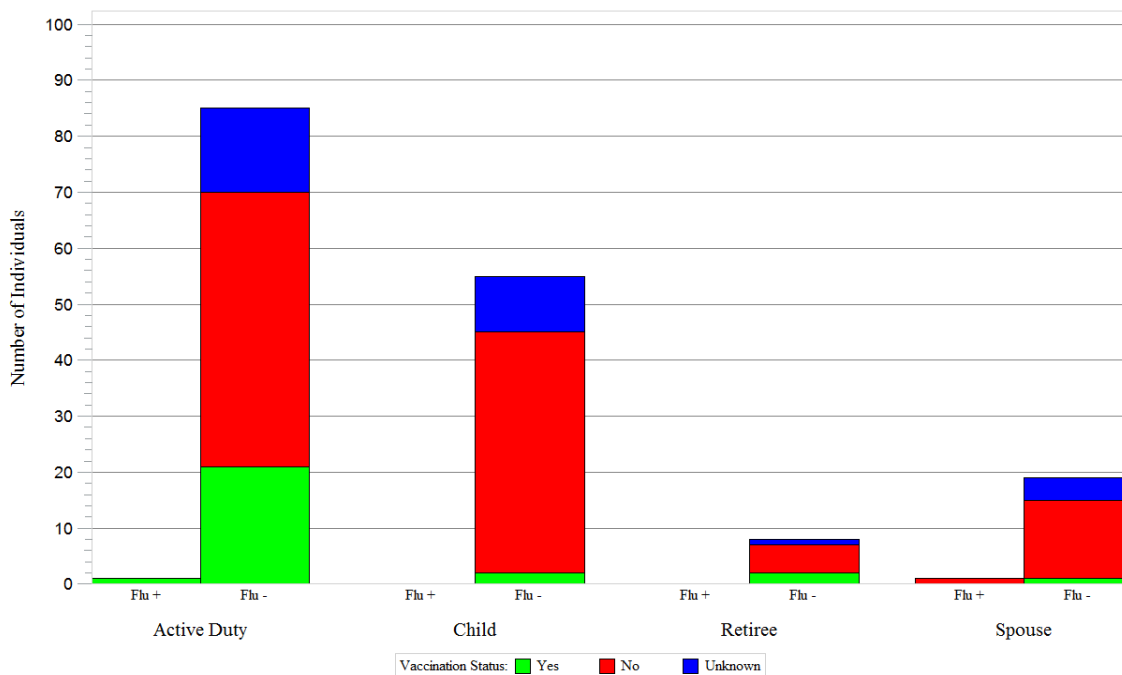
Laboratory Results - Cumulative for Season

Graph 1. Percent influenza positive by week: 2014-2015 surveillance year and through Week 43 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 43



DoD Global, Laboratory-Based, Influenza Surveillance Program

Laboratory Results—Through Current Surveillance Week 43

Table 2. Cumulative results by region and location for specimens collected during the 2015-2016 surveillance year

Region*		A(H3N2)	B	Adenovirus	<i>M. pneumoniae</i>	Parainfluenza	RSV	Rhinovirus/Enterovirus	Non-Influenza Co-Infection	No Pathogen	Total
PACOM	Eielson AFB, AK	-	-	-	-	-	-	-	-	2	2
	JR Marianas - Andersen AFB, Guam	-	-	-	-	-	-	-	1	-	1
	Kadena AB, Japan	-	-	-	-	-	-	1	-	1	2
	Misawa AB, Japan	-	-	-	-	-	1	1	-	1	3
	Yokota AB, Japan	-	-	-	1	-	1	-	-	4	6
Region 1	Hanscom AFB, MA	-	-	1	-	-	-	-	-	2	3
	NHCNE Newport, RI	-	-	-	-	-	-	1	-	-	1
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	-	2	-	-	2
	USMA - West Point, NY	-	1	-	-	1	-	-	1	10	13
Region 3	Dover AFB, DE	-	-	-	-	-	-	-	-	2	2
	JB Andrews, MD	-	-	-	1	-	-	-	-	-	1
	JB Langley-Eustis, VA	-	-	-	-	-	-	-	-	1	1
	NMC Portsmouth, VA	-	-	-	1	-	-	-	1	5	7
Region 4	CGS Mobile, AL	-	-	-	-	-	-	-	-	1	1
	Columbus AFB, MS	-	-	-	-	-	-	-	-	3	3
	Eglin AFB, FL	-	-	1	-	2	-	-	-	1	4
	Ft Bragg, NC	-	-	-	-	-	-	-	-	1	1
	Ft Campbell, KY	-	-	-	-	-	-	1	-	3	4
	Hurlburt Field, FL	-	-	-	-	-	-	-	1	-	1
	Keesler AFB, MS	-	-	-	1	-	-	1	-	5	7
	MacDill AFB, FL	-	-	-	-	1	-	-	-	-	1
	Maxwell AFB, AL	-	-	-	-	-	-	-	-	-	1
	Moody AFB, GA	-	-	2	-	1	-	1	-	5	9
	NH Jacksonville, FL	-	-	-	-	-	-	-	-	1	1
	Tyndall AFB, FL	-	-	-	-	-	-	-	1	1	2
Region 5	Scott AFB, IL	-	-	-	-	-	-	-	-	3	3
	Wright-Patterson AFB, OH	-	-	-	-	-	-	1	-	-	1
Region 6	Altus AFB, OK	-	-	-	-	1	-	-	-	3	4
	Cannon AFB, NM	-	-	-	-	-	-	-	-	2	2
	Laughlin AFB, TX	-	-	-	-	-	-	-	-	1	1
	Sheppard AFB, TX	-	-	-	1	-	-	2	-	11	14
	Tinker AFB, OK	-	-	-	-	2	-	-	1	5	8
	Vance AFB, OK	-	-	-	-	1	-	-	-	5	6
Region 7	Ft Leavenworth, KS	-	-	-	-	-	-	-	-	1	1
	McConnell AFB, KS	-	-	-	1	-	-	-	-	3	4
	Offutt AFB, NE	-	-	1	-	-	-	-	-	6	7
Region 8	Ellsworth AFB, SD	-	-	-	1	-	-	-	-	1	2
	FE Warren AFB, WY	-	-	-	-	-	-	1	-	4	5
	Hill AFB, UT	-	-	-	-	-	-	-	-	1	1
	USAF Academy, CO	-	-	-	-	3	-	1	-	3	7
Region 9	Davis-Monthan AFB, AZ	-	-	-	-	-	-	-	-	1	1
	Edwards AFB, CA	-	-	-	-	-	-	-	-	2	2
	Nellis AFB, NV	-	-	1	-	1	1	1	-	-	4
	Travis AFB, CA	-	-	-	-	1	-	-	-	-	1
	USCG Island Alameda, CA	-	-	-	-	-	-	-	-	1	1
Region 10	Mt Home AFB, ID	-	-	-	-	-	-	-	-	1	1
	NH Bremerton, WA	1	-	-	-	5	-	2	1	6	15
Total		1	1	6	7	19	3	16	7	110	170

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

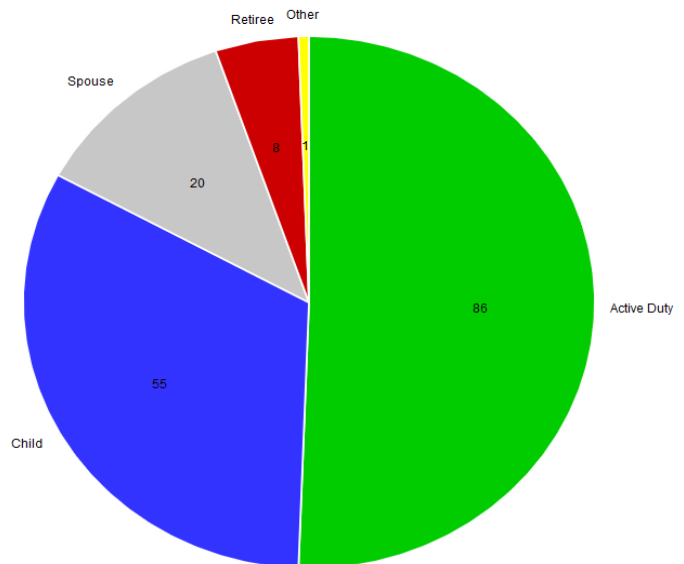
Table 2. ILI by age group for the 2015-2016 surveillance year through Week 43

Age Group	Frequency	Percent
0-5	36	21.18
6-9	11	6.47
10-17	8	4.71
18-24	37	21.76
25-44	61	35.88
45-64	15	8.82
65+	2	1.18

Demographic Summary

Of 170 ILI cases, 86 are service members (50.6%), 55 are children (32.3%), 20 are spouses (11.8%), and nine (5.3%) are retirees & other beneficiaries. The median age of ILI cases with known age (n=170) is 22.5 (range 0, 85).

Graph 5. ILI by beneficiary status for the 2015-2016 surveillance year through Week 43



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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