



Cumulative Results

Locations	56
Collected	411
Tested	340

Influenza A 3

A(H1N1)pdm09	0
A(H3N2)	3
A/not subtyped	0

Influenza B* 1

B	1
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Other Respiratory Pathogens 110

Adenovirus	19
<i>Bordetella pertussis</i>	1
<i>Chlamydomphila pneumoniae</i>	0
Coronavirus	3
Human Metapneumovirus	0
<i>Mycoplasma pneumoniae</i>	11
Parainfluenza	32
RSV	4
Rhino/Enterovirus	32
Non-influenza Co-infections	8

Lab data are current as of 16 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

1 - 14 November 2015 (Surveillance Weeks 44 & 45)

- During 1 - 14 November 2015, a total of 156 specimens were collected and received from 42 locations. Results were finalized for 92 specimens from 38 locations. One influenza A(H3N2) was identified in Week 44 and Week 45 each.
- During Week 44 (1 - 7 November 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 44 was influenza A, with influenza A(H3N2) viruses predominating. **Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 1.4%, which is below the national baseline (2.1%). **Geographic Spread of Influenza:** The geographic spread of influenza in Guam was reported as widespread; Puerto Rico reported regional activity; four states reported local activity; the District of Columbia and 39 states reported sporadic activity; and the U.S. Virgin Islands and seven states reported no influenza activity.

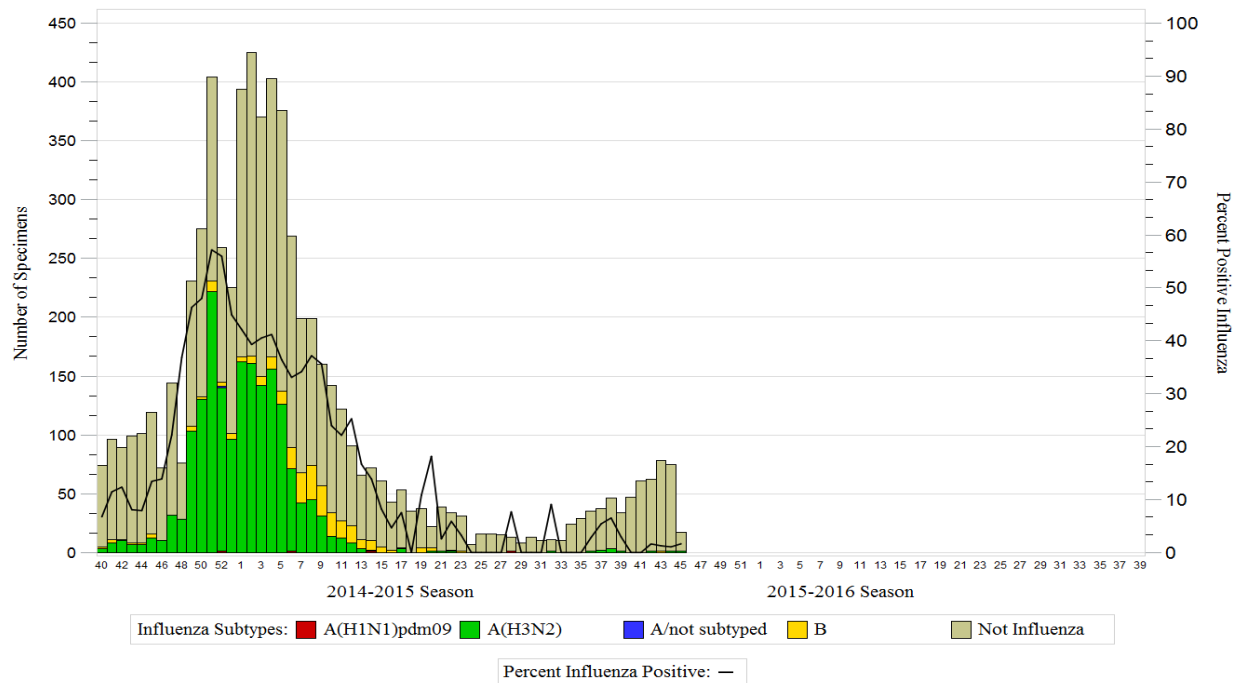
Table 1. Results by region and location for specimens collected during Weeks 44 & 45

		A(H3N2)	Adenovirus	B. pertussis	Coronavirus	M. pneumoniae	Parainfluenza	RSV	Rhino virus/Enterovirus	Para & Rhino/Entero	No Pathogen	Total	
Region*													
PACOM	Kadena AB, Japan	-	-	-	-	-	-	-	-	-	1	1	
	Misawa AB, Japan	-	-	-	-	-	-	-	-	-	1	1	
Region 1	USCG Academy, CT	-	-	-	-	-	-	-	-	-	1	1	
Region 2	USMA - West Point, NY	-	-	-	-	1	-	-	-	-	6	7	
Region 3	NMC Portsmouth, VA	-	-	-	-	1	1	-	2	-	1	5	
Region 4	Columbus AFB, MS	-	-	-	-	-	-	-	-	-	1	1	
	Eglin AFB, FL	-	-	-	-	-	-	-	-	-	2	2	
	Ft Bragg, NC	-	-	-	-	-	-	-	-	-	1	1	
	Ft Campbell, KY	-	-	-	-	-	1	-	-	-	-	1	
	Keesler AFB, MS	-	-	-	-	-	-	-	-	-	2	2	
	MacDill AFB, FL	-	-	-	-	-	-	-	-	-	1	1	
	Maxwell AFB, AL	-	-	-	-	-	1	-	-	-	1	2	
	Moody AFB, GA	-	-	-	1	-	-	1	1	1	1	5	
	NH Jacksonville, FL	-	1	-	-	-	-	-	-	-	-	1	
	Robins AFB, GA	-	-	-	-	-	1	-	-	-	-	1	
	Seymour Johnson AFB, NC	-	1	-	-	-	-	-	-	-	-	1	
	Shaw AFB, SC	-	-	-	-	1	-	-	-	-	1	2	
	Region 5	Scott AFB, IL	-	1	-	-	-	1	-	-	-	1	3
		Wright-Patterson AFB, OH	-	1	-	-	-	-	-	-	-	-	1
Region 6	Altus AFB, OK	-	-	-	-	-	1	-	-	-	3	4	
	Cannon AFB, NM	-	-	-	-	-	-	1	-	-	2	3	
	Laughlin AFB, TX	-	-	-	1	-	-	-	-	-	-	1	
	Little Rock AFB, AR	-	-	-	1	-	-	-	-	-	1	2	
	Sheppard AFB, TX	-	-	-	-	-	1	-	1	-	5	7	
	Vance AFB, OK	-	-	-	-	-	-	-	-	-	7	7	
Region 7	Ft Leavenworth, KS	-	-	-	-	-	-	-	-	-	1	1	
	McConnell AFB, KS	1	-	-	-	-	-	-	-	-	2	3	
	Offutt AFB, NE	-	-	-	-	-	-	-	-	-	2	2	
Region 8	Ellsworth AFB, SD	-	-	-	-	-	-	-	-	-	2	2	
	FE Warren AFB, WY	-	-	1	-	-	-	-	-	-	1	2	
	Hill AFB, UT	-	-	-	-	1	-	-	-	-	2	3	
Region 9	USAF Academy, CO	-	-	-	-	-	-	-	-	-	1	1	
	Luke AFB, AZ	-	-	-	-	-	-	-	-	-	1	1	
	Nellis AFB, NV	1	2	-	-	-	-	-	1	-	4	8	
	Travis AFB, CA	-	-	-	-	-	-	-	-	-	3	3	
	USCG Island Alameda, CA	-	-	-	-	-	-	-	-	-	1	1	
Region 10	Vandenberg AFB, CA	-	-	-	-	-	-	-	-	-	1	1	
	NH Bremerton, WA	-	-	-	-	-	-	-	1	-	-	1	
Total		2	6	1	3	4	7	1	7	1	60	92	

*CONUS locations 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 45 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.

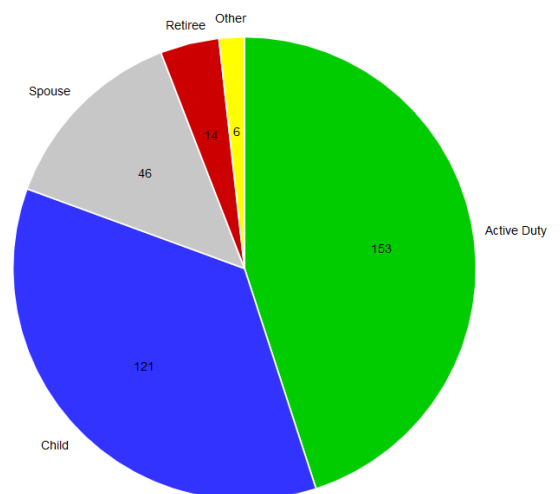
Table 2. ILI by age group for the 2015-2016 surveillance year through Week 45

Age Group	Frequency	Percent
0-5	80	23.53
6-9	18	5.29
10-17	24	7.06
18-24	72	21.18
25-44	115	33.82
45-64	27	7.94
65+	4	1.18

Demographic Summary

Of 340 ILI cases, 153 are service members (45.0%), 121 are children (35.6%), 46 are spouses (13.5%), and 20 (5.9%) are retirees and other beneficiaries. The median age of ILI cases with known age (n=340) is 22 (range 0, 91).

Graph 2. ILI by beneficiary status for the 2015-2016 surveillance year through Week 45



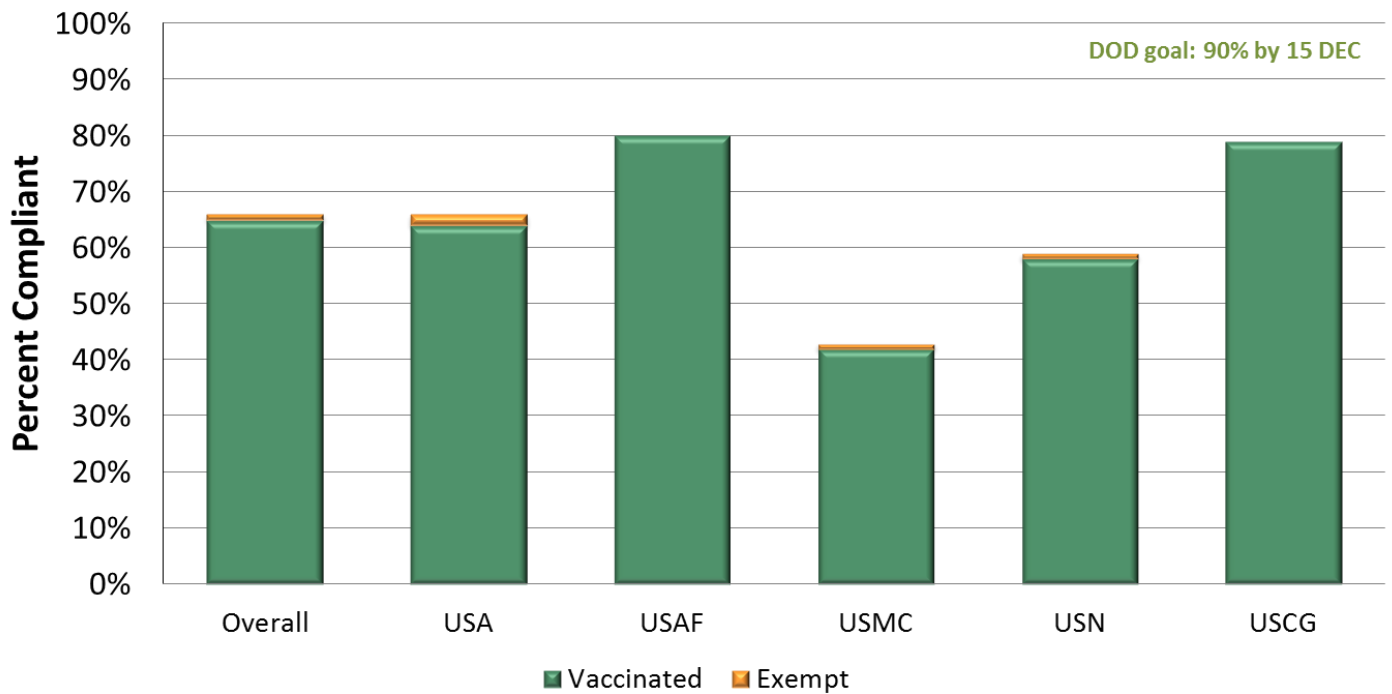
Laboratory Results—Through Current Surveillance Week 45

Table 3. Cumulative results by region and location for specimens collected during the 2015-2016 surveillance year

Region*		A(H3N2)	B	Adenovirus	B. pertussis	Coronavirus	M. pneumoniae	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	-	-	-	-	-	-	-	-	2	-	5	7
	Misawa AB, Japan	-	-	-	-	-	-	-	1	2	-	2	5
	Yokota AB, Japan	-	-	-	-	-	1	-	1	-	-	5	7
Region 1	Hanscom AFB, MA	-	-	1	-	-	-	-	-	-	-	3	4
	NHCNE Newport, RI	-	-	-	-	-	-	-	-	1	-	1	2
	USCG Academy, CT	-	-	-	-	-	-	-	-	-	-	1	1
Region 2	JB McGuire-Dix-Lakehurst, NJ	-	-	-	-	-	-	-	-	3	-	1	4
	USMA - West Point, NY	-	1	-	-	-	1	1	-	-	1	21	25
Region 3	Dover AFB, DE	-	-	-	-	-	-	-	-	-	-	3	3
	JB Anacostia-Bolling, DC	-	-	-	-	-	-	-	-	-	-	1	1
	JB Andrews, MD	-	-	-	-	-	1	-	-	-	-	-	1
	JB Langley-Eustis, VA	-	-	-	-	-	-	-	-	-	-	1	1
	NMC Portsmouth, VA	-	-	-	-	-	2	1	-	2	1	8	14
Region 4	CGS Mobile, AL	-	-	-	-	-	-	-	-	-	-	1	1
	Columbus AFB, MS	-	-	-	-	-	-	-	-	-	-	5	5
	Eglin AFB, FL	-	-	1	-	-	-	3	-	-	-	5	9
	Ft Bragg, NC	-	-	1	-	-	-	-	-	-	-	4	5
	Ft Campbell, KY	-	-	-	-	-	-	2	-	1	-	4	7
	Hurlburt Field, FL	-	-	-	-	-	-	-	-	-	1	-	1
	Keesler AFB, MS	-	-	-	-	-	1	-	-	1	-	8	10
	MacDill AFB, FL	-	-	-	-	-	-	1	-	-	-	1	2
	Maxwell AFB, AL	-	-	-	-	-	-	1	-	-	-	2	3
	Moody AFB, GA	-	-	2	-	1	-	2	1	3	1	6	16
	NH Jacksonville, FL	-	-	1	-	-	-	-	-	-	-	1	2
	Robins AFB, GA	-	-	-	-	-	-	1	-	-	-	-	1
	Seymour Johnson AFB, NC	-	-	1	-	-	-	-	-	-	-	-	1
	Shaw AFB, SC	-	-	-	-	-	1	-	-	-	-	2	3
	Tyndall AFB, FL	-	-	-	-	-	-	-	-	-	1	1	2
Region 5	Scott AFB, IL	-	-	1	-	-	-	1	-	-	-	6	8
	Wright-Patterson AFB, OH	-	-	1	-	-	-	-	-	1	-	-	2
Region 6	Altus AFB, OK	-	-	-	-	-	-	2	-	-	-	9	11
	Cannon AFB, NM	-	-	1	-	-	-	-	-	1	-	4	6
	Laughlin AFB, TX	-	-	-	-	1	-	-	-	-	-	1	2
	Little Rock AFB, AR	-	-	-	-	1	-	-	-	-	-	1	2
	Sheppard AFB, TX	-	-	-	-	-	1	1	-	4	-	19	25
	Tinker AFB, OK	-	-	-	-	-	-	3	-	-	1	8	12
Region 7	Vance AFB, OK	-	-	-	-	-	-	1	-	-	-	12	13
	Ft Leavenworth, KS	-	-	-	-	-	-	-	-	-	-	5	5
	McConnell AFB, KS	1	-	-	-	-	1	-	-	1	-	5	8
Region 8	Offutt AFB, NE	-	-	1	-	-	-	-	-	-	-	10	11
	Ellsworth AFB, SD	-	-	1	-	-	1	-	-	-	-	5	7
	FE Warren AFB, WY	-	-	-	1	-	-	-	-	2	-	5	8
	Hill AFB, UT	-	-	1	-	-	1	-	-	-	-	5	7
	Peterson AFB, CO	-	-	1	-	-	-	-	-	-	-	-	1
Region 9	USAF Academy, CO	-	-	-	-	-	-	3	-	1	-	6	10
	Davis-Monthan AFB, AZ	-	-	-	-	-	-	-	-	-	-	2	2
	Edwards AFB, CA	-	-	-	-	-	-	-	-	-	-	2	2
	Luke AFB, AZ	-	-	-	-	-	-	-	-	-	-	1	1
	Nellis AFB, NV	1	-	5	-	-	-	2	1	2	-	5	16
	Travis AFB, CA	-	-	-	-	-	-	1	-	-	-	3	4
	USCG Island Alameda, CA	-	-	-	-	-	-	-	-	-	-	2	2
Region 10	Vandenberg AFB, CA	-	-	-	-	-	-	-	-	-	-	1	1
	Mt Home AFB, ID	-	-	-	-	-	-	-	-	-	-	1	1
	NH Bremerton, WA	1	-	-	-	-	-	6	-	5	1	14	27
Total		3	1	19	1	3	11	32	4	32	8	226	340

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

Graph 3. Influenza Immunization Status by Service†



†Courtesy of DHA Immunizations Healthcare Branch

Errata:

DoD Global, Laboratory-Based,
Influenza Surveillance Program

<https://gumbo2.wpafb.af.mil/epi-consult/influenza/index.cfm>

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