



# DEPARTMENT OF DEFENSE

## Weekly Global Influenza Surveillance Summary



Tuesday, 25 August 2009

### DoD Summary

- High risk groups continue to see Pandemic H1N1 (pH1N1) cases but overall activity in these groups appears to have decreased
- Greater than 99% of all influenza-positive samples from US Armed Forces beneficiaries are pH1N1
- No evidence of increased severity of disease or changes in clinical presentation of pH1N1 cases

**ARMY:** Tripler Army Medical Center in Honolulu, Hawaii experiencing a notable increase in cases of pH1N1  
 Cases of pH1N1 among Army recruits at Fort Jackson and Fort Leonard Wood appear to have decreased in recent weeks  
**NAVY:** No new reports of case clusters or on-going activity among shipboard Navy personnel  
**MARINES:** Marine Corps Recruit Depot-San Diego continues to see cases of pH1N1 with no reported increase in severity  
**AIR FORCE:** Mild activity from pH1N1 among basic and advanced trainees at Lackland AFB in San Antonio, Texas continues  
**US COAST GUARD:** Increases in pH1N1 at Coast Guard Training Center-Cape May, New Jersey; Currently Cape May is seeing co-circulation of adenovirus type 14 and pH1N1

### AFHSC Suggested Sampling Strategy for Future Surveillance and Monitoring of Influenza Activity at DoD Installations\*

Samples Collected (Per Week):

**6-10** samples from ILI (*Fever  $\geq 100.5^{\circ}F$  and cough or sore throat*) patients seen at representative clinics on a given installation  
 AND

ALL patients hospitalized with respiratory symptoms or clinically diagnosed pneumonia; or part of case clusters (>5 cases) among high risk groups (*i.e. basic/advanced military trainees; shipboard or deployed service members; health care professionals*)

\*Guidance and sampling strategy is subject to change depending on size and scope of disease activity affecting DoD populations

### Laboratory Summary

**USAFSAM:** The laboratory at USAFSAM has identified 10 cases of co-infections from adenovirus and pH1N1 from basic trainees at Lackland AFB, USCG Training Center-Cape May, and MCRD-Parris Island

**NHRC:** No report this week

**LRMC:** No report this week

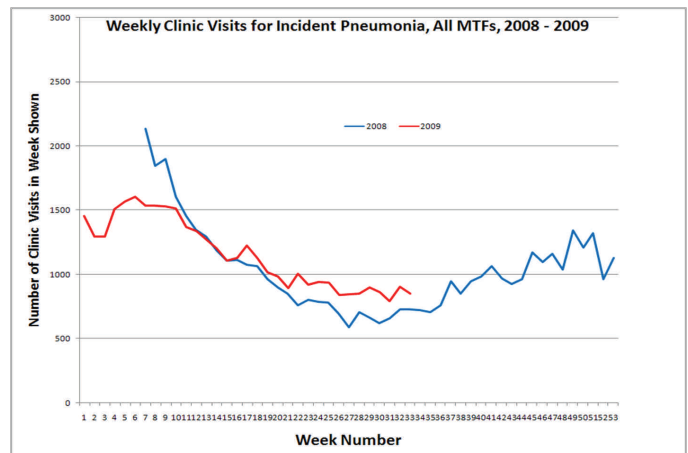
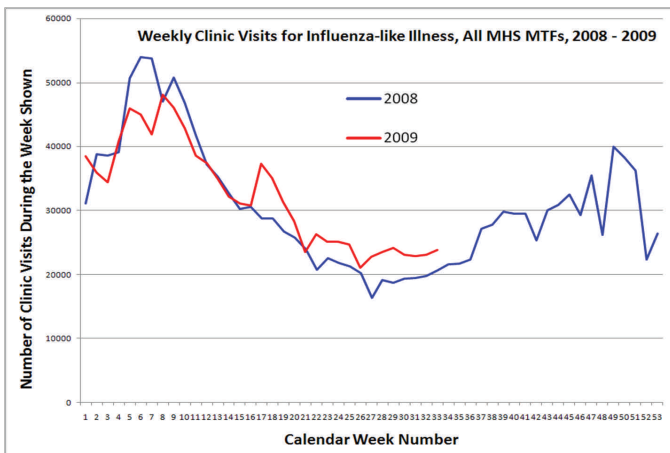
**NAMRU-3:** The 82nd and 83rd cases of influenza H5N1 were announced by NAMRU-3 in collaboration with the Egyptian Ministry of Health and WHO Eastern Mediterranean Regional Office.

**Global Reporting:** Since April 01, 2009, the AFHSC has received reports on over 400 DoD beneficiaries and civilian employees from OCONUS MTFs in 12 countries. The AFHSC will report OCONUS cases only after the host country has formally notified the WHO Regional Office. The AFHSC is working closely with Department of Health and Human Services and the US Department of State to coordinate confirmation of case reporting to the host countries where US troops are located. These steps are necessary to maintain a consistent reporting structure under the requirements of the International Health Regulations (2005).

### Electronic Data Capture

**ESSENCE:** Weekly clinical visits for Influenza-like-illness (ILI) and pneumonia appear to have reached their low level for the summer but remain slightly elevated when compared to the 2008 influenza season

**NMCPHC (HL7-Data):** There have been a total of 394 influenza positive test results reported throughout the Military Health System (MHS) over the past week. Overall laboratory positive tests for influenza continues to decrease in all regions and services



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