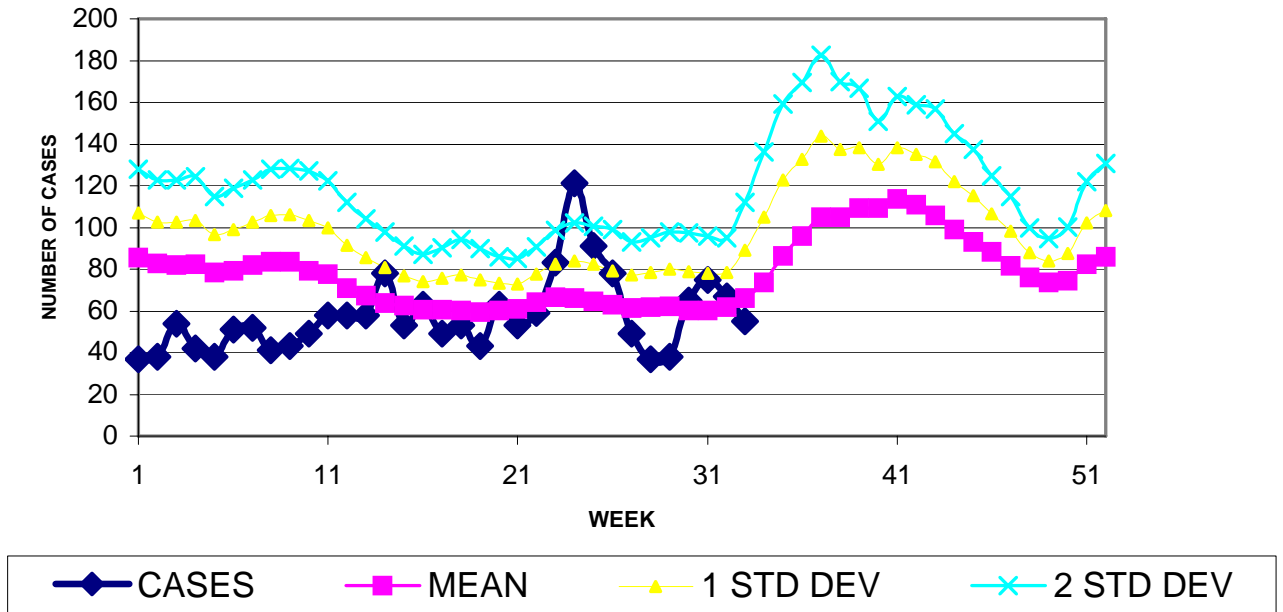


## GUAM EPIDEMIOLOGY NEWSLETTER

REPORT FOR WEEK ENDING: 8/19/2006 (Reporting week 2006-33)

### GUAM REPORTS

#### GUAM ACUTE RESPIRATORY DISEASE SURVEILLANCE; NUMBER OF PATIENTS SEEN IN THE GMHA-ED BY WEEK SEEN

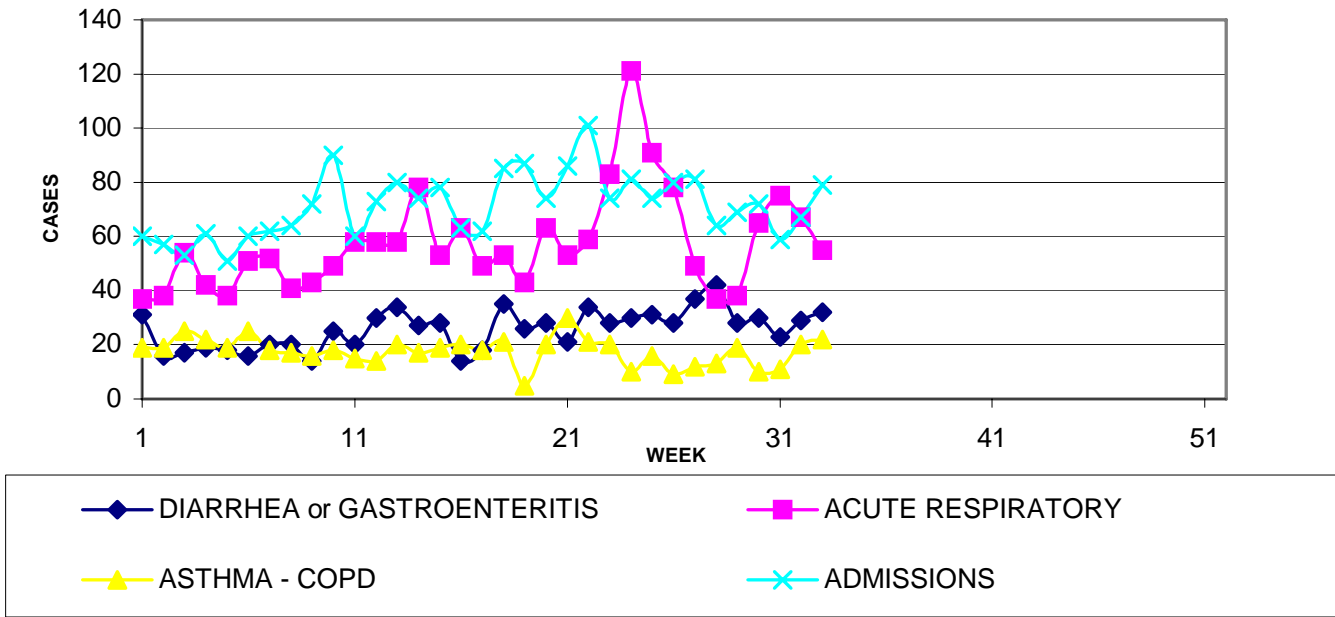


#### NOTE:

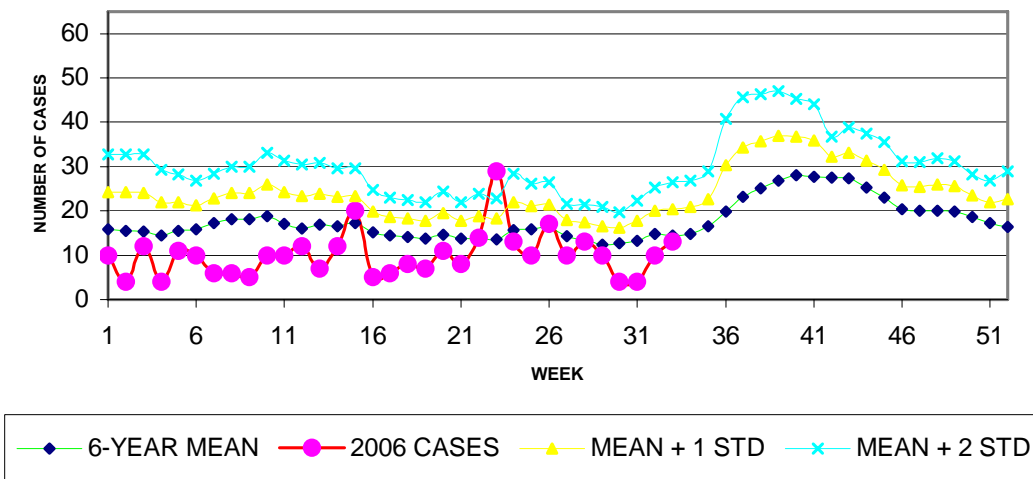
In order to provide an early warning of the arrival of possible pandemic flu cases (or other respiratory diseases) on Guam, local ARD (Acute Respiratory Disease) and pneumonia case data is being collected from several different sources.

The mean number of cases occurring over a specific period plus 2 standard deviations has been adopted as a “trigger point” for defining disease outbreaks on Guam. For example, in the above graph depicting data for the 52 weeks of 2006, an “outbreak” of ARD started during week 24 of this year but lasted only 1 week. The weekly means and standard deviations for each of the 52 weeks illustrated above were calculated from data collected during the 5-year period 2001-2005.

**GUAM SYNDROMIC DISEASE SURVEILLANCE  
GMHA-ED PATIENT DIAGNOSES BY WEEK FOR CALENDAR YEAR 2006**



MEDICAL RECORDS DEPARTMENT  
GUAM MEMORIAL HOSPITAL AUTHORITY  
**HOSPITAL INPATIENT DISCHARGES WITH DIAGNOSIS OF PNEUMONIA  
BY WEEK DISCHARGED, 2006**



## GUAM MORBIDITY WEEKLY REPORT

REPORTS RECEIVED DURING THE WEEK ENDING 8/19/2006

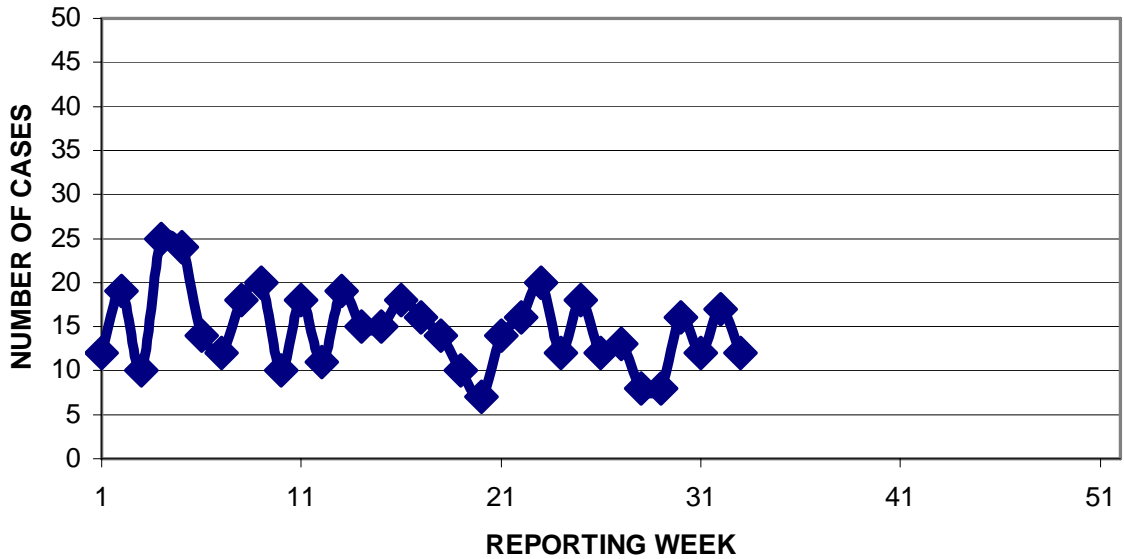
DISEASE	CASES
C. DIFFICILE	2
CAMPYLOBACTER	1
CHLAMYDIA	63
DENGUE	1
GONORRHEA	9
HERPES SIMPLEX 2	1
HPV	2
LEAD POISONING	5
MRSA	10
SALMONELLOSIS	1
SHIGELLOSIS	1
STREP SORE THROAT	4
TRICHOMONAS	1

NOTES: The dengue case was contracted while in the Philippines. The lead poisoning cases were in adult shooting gallery employees.

### U.S. NAVY (GUAM) REPORTS

Preventive Medicine Department  
US Naval Hospital Guam

#### PNEUMONIA CASES SEEN IN GUAM MILITARY TREATMENT FACILITIES BY WEEK REPORTED, 2006



#### GUAM PERTUSSIS UPDATE

Suspect pertussis cases continue to be reported on Guam with 5 cases having had cough onset since Aug 1. From May 1, 2006 through August 17, 2006, a total of 58 suspect pertussis cases were reported to the Guam health department. Of these, 5 cases have been confirmed by isolation of *B. pertussis*, 15 are considered probable on the basis of clinical symptoms and 13 are still being evaluated and are considered “suspect” cases. The ages of confirmed and probable cases (age calculated at the time of cough onset) are as follows: <4 months (9), 4-6 months (3), 6-11 months (5), 2 years (1),  $\geq$  20 years (2). Of 23 infants investigated for whom immunization information was available, 15 had received no diphtheria-tetanus toxoid-acellular pertussis vaccine (DTaP), 7 received 1 dose, 0 received 2 doses and 1 received 3 doses.

Guam has advised the local medical community and public about the progress of this outbreak and suggested preventive measures through medical alerts and press releases. Three vaccination outreach clinics were conducted at shopping malls and a senior center between August 5-12, 2006. At these clinics immunization records of 1006 individuals were evaluated and the vaccinations administered included 303 DTaP, 237 Td, 168 Hib, 245 IPV, 70 Hepatitis B and 177 MMR. In addition, the Centers for Disease Control and Prevention in Atlanta (CDC) will be providing Tdap vaccine for adolescent/adult vaccination. CDC staff are also providing ongoing epidemiologic and laboratory technical assistance.