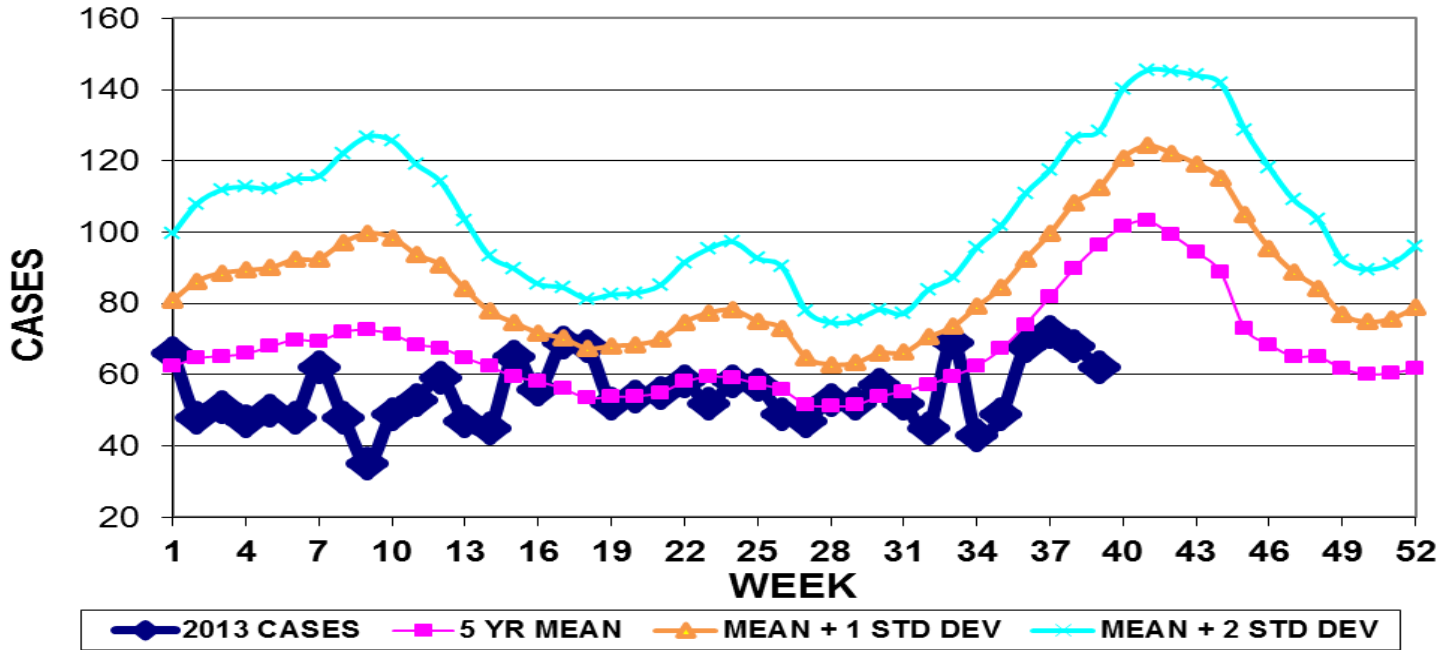


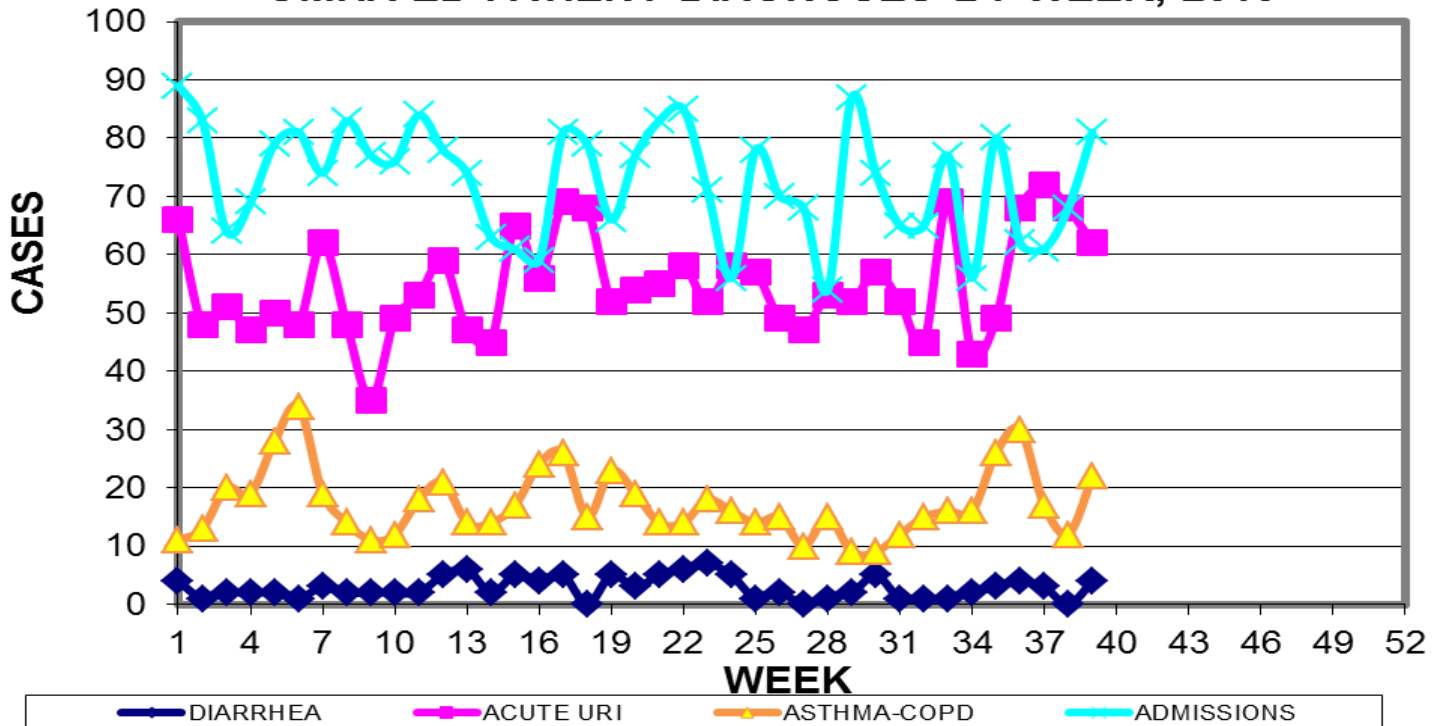
INFECTION CONTROL DEPARTMENT
 GUAM MEMORIAL HOSPITAL AUTHORITY
GUAM EPIDEMIOLOGY NEWSLETTER
 REPORT FOR WEEK ENDING: 9/28/2013 (Reporting week 2013-39)

GUAM REPORTS

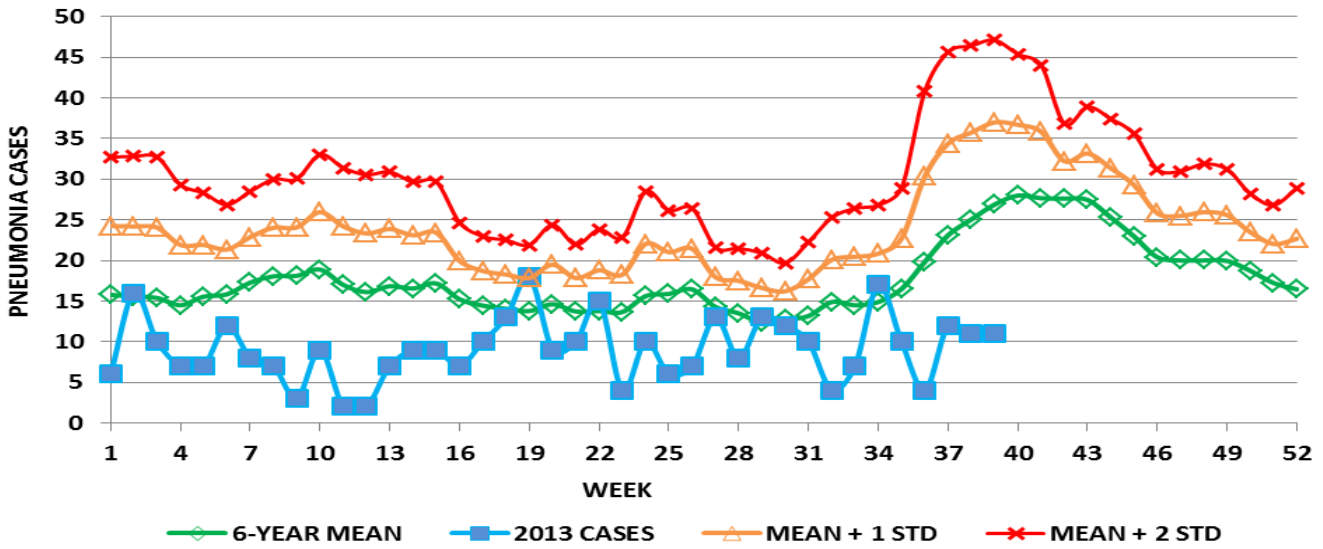
**GUAM ACUTE RESPIRATORY INFECTION SURVEILLANCE 2013;
 GMHA-EMERGENCY DEPARTMENT PATIENTS BY WEEK SEEN**



**GUAM SYNDROMIC DISEASE SURVEILLANCE
 GMHA-ED PATIENT DIAGNOSES BY WEEK, 2013**



**MEDICAL RECORDS AND INFECTION CONTROL DEPARTMENTS
GUAM MEMORIAL HOSPITAL AUTHORITY
HOSPITAL INPATIENT DISCHARGES WITH A DIAGNOSIS OF PNEUMONIA
BY WEEK DISCHARGED, 2013**



**GUAM SENTINEL PHYSICIAN INFLUENZA SURVEILLANCE
REPORTS OF INFLUENZA OR INFLUENZA-LIKE ILLNESSES
RECEIVED FOR THE WEEK ENDING 9/28/13**

Sporadic – No cases reported by sentinel physicians

(ACTIVITY LEVELS: No activity, Sporadic, Local, Regional, Widespread)

Foreign Quarantine & Enteric Diseases Section
Bureau of Communicable Disease Control

Guam Department of Public Health & Social Services

H1N1 INFLUENZA SURVEILLANCE, WEEK 39, 2013

NO CASES OF H1N1 REPORTED FOR WEEK 39

Cumulative 2013: 0 civilian & 0 military cases

INFECTION CONTROL DEPARTMENT
GUAM MEMORIAL HOSPITAL AUTHORITY

**HOSPITALIZATIONS FOR INFLUENZA A BY AGE
AND MORBIDITY REPORTING WEEK**

AGE	30	31	32	33	34	35	36	37	38	39	TOTAL
0-4											2
5-18											
19-24											
25-49											
50-64											
65+											
TOTAL	0	0	0	0	0	0	0	0	0	0	2

INFECTION CONTROL DEPARTMENT
 GUAM MEMORIAL HOSPITAL AUTHORITY
**GMHA-EMERGENCY DEPARTMENT CLINICAL DIAGNOSES OF INFLUENZA OR FLU-
 SYNDROME BY WEEK AND PATIENT'S VILLAGE OF RESIDENCE, 2013**
 (Villages listed geographically from northern-most to southern-most)

VILLAGE	WEEK										TOTAL	2013 RATE
	30	31	32	33	34	35	36	37	38	39		
Yigo	0	1	1	2	0	0	2	0	3	1	26	124.65
Dededo	3	1	0	0	0	1	7	1	4	2	65	142.76
Tamuning	0	1	0	0	0	2	1	2	2	0	20	99.07
Barrigada	0	0	0	0	0	0	1	2	6	1	16	178.93
Mangilao	0	0	0	0	0	1	0	0	1	2	19	120.60
M-T-M	2	0	1	0	0	1	1	0	1	0	19	266.89
Hagatna	0	0	0	0	0	0	0	0	0	0	3	289.58
Agaña Hts	0	0	0	0	0	0	0	0	1	0	4	106.16
Sinajana	0	0	0	0	0	1	0	0	1	0	5	198.89
Chalan Pago- Ordot	1	0	0	2	0	0	0	0	1	1	10	141.00
Asan-Maina	0	0	0	0	0	0	0	0	0	0	0	0.00
Piti	0	0	0	0	0	0	0	0	1	0	3	215.83
Santa Rita	0	0	0	0	0	0	0	0	0	1	4	70.68
Agat	0	0	0	0	0	0	0	0	1	0	9	191.69
Yona	0	1	1	0	0	1	2	0	0	0	12	185.21
Talofofu	0	0	0	1	0	0	0	0	2	0	6	199.93
Inarajan	0	0	0	0	0	0	0	0	0	0	0	0.00
Merizo	0	0	0	0	0	0	0	0	0	0	0	0.00
Umatac	1	0	0	0	0	0	0	0	0	0	0	133.16
Tourist	0	0	0	0	0	0	0	0	0	0	1	
Unknown	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	7	4	4	5	0	7	14	5	24	8	223	138.75

NOTE: Rate = cases per 100,000 population for the specified period.

GUAM ANIMAL DISEASE (ZONOSSES) REPORTS
 REPORTS RECEIVED FOR THE WEEK ENDING 9/28/2013

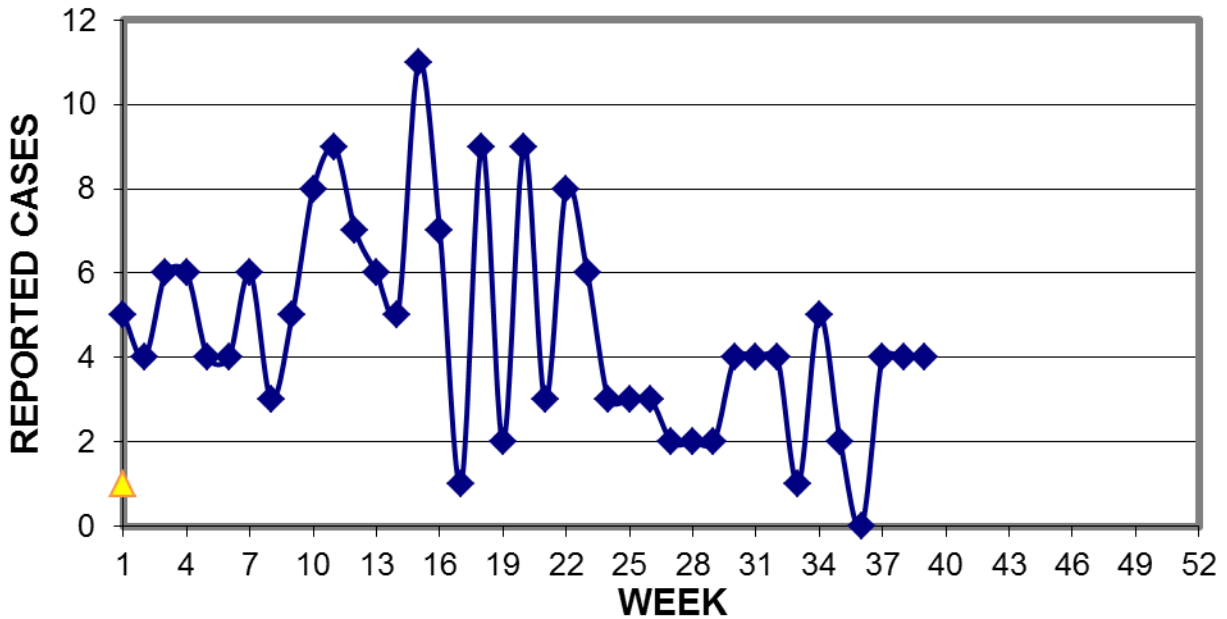
Anaplasmosis - 1 canine, Ehrlichiosis – 1 canine

Bureau of Communicable Disease Control
Guam Department of Public Health & Social Services
ISLAND-WIDE COMMUNICABLE DISEASE REPORT

REPORTS RECEIVED FOR THE WEEK ENDING 9/28/2013

<i>Campylobacter</i> sp.	1
Chickenpox	1
<i>Chlamydia trachomatis</i>	17
Conjunctivitis	6
<i>E. coli</i> MDR-ESBL+	1
Gonorrhea	1
Hand, foot, and mouth disease	12
Hepatitis B	2
HPV	2
HSV 1	1
<i>Klebsiella pneumoniae</i> MDR-ESBL+	3
Meningitis	1
MRSA	14
Respiratory syncytial virus	1
<i>Salmonella</i> sp.	1
Streptococcal sore throat	12
Streptococcal disease, other	3
VRE	1

PREVENTIVE MEDICINE DEPARTMENT
 U.S. NAVAL HOSPITAL GUAM
**PNEUMONIA CASES SEEN IN GUAM MILITARY
 TREATMENT FACILITIES BY WEEK REPORTED, 2013**



FATAL *Vibrio vulnificus* INFECTIONS - FLORIDA (AND GUAM)

An apparently healthy 59-year-old Florida man has died less than 48 hours after being infected with *Vibrio vulnificus*, a cholera-related bacterium found in warm brackish or salt water. These bacteria may be normal flora in salt water, and this infection from shellfish or water exposure does not necessarily imply that the source water is contaminated by sewage. In this case the patient had been crab fishing in the Halifax River near Ormond Beach, Florida. When he woke the next day, he noticed what looked like a bug bite on his leg. Doctors did not take the injury seriously until he started feeling ill, and the wound started "festering." He went to the emergency room on 22 Sep 2013 and passed away the next day.

The Florida Department of Health reports that in 2013 there have so far been 26 cases of *V. vulnificus* in that state alone, resulting in 9 deaths. Although *V. vulnificus* most commonly infects people who have eaten contaminated seafood, it may also enter the body when an open wound is exposed to water containing the bacteria. Infection can cause vomiting, diarrhea, and abdominal pain. If a person has a weakened immune system -- especially people with chronic liver disease -- the bacteria can infect the bloodstream. This can cause a serious illness that involves fever and chills, decreased blood pressure, and blistering skin lesions. *V. vulnificus* bloodstream infections are fatal 50 percent of the time.

The Centers for Disease Control and Prevention reports that while known *V. vulnificus* infections are relatively rare, they may be underreported. There were more than 900 reports of such infections in the Gulf Coast states between 1988 and 2006.

On Guam, a case of *V. vulnificus* infection was first reported in 1989. In 1995 a fatal case of *V. vulnificus* septicemia occurred in a male individual with pre-existing health problems (including diabetes) who had bathed in the "Sleepy Lagoon" area of East Agana Bay, a marine "dead zone" characterized by poor tidal circulation and subject to run-off from adjacent commercial areas and roads (EPA testing routinely reveals elevated coliform counts in the area). In 2006 an additional case of *V. vulnificus* septicemia occurred in a 54-year-old Chamorro individual with hepatitis C and diabetes co-morbidities who had bathed in the same area. Fortunately he was successfully treated for his infection.

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Sources: ProMED-mail <promed@promedmail.org> and *A History of Health on Guam*.