

## Chiang Saen Hospital "Development of Influenza Surveillance Network in Thailand" 2005 - 2010.



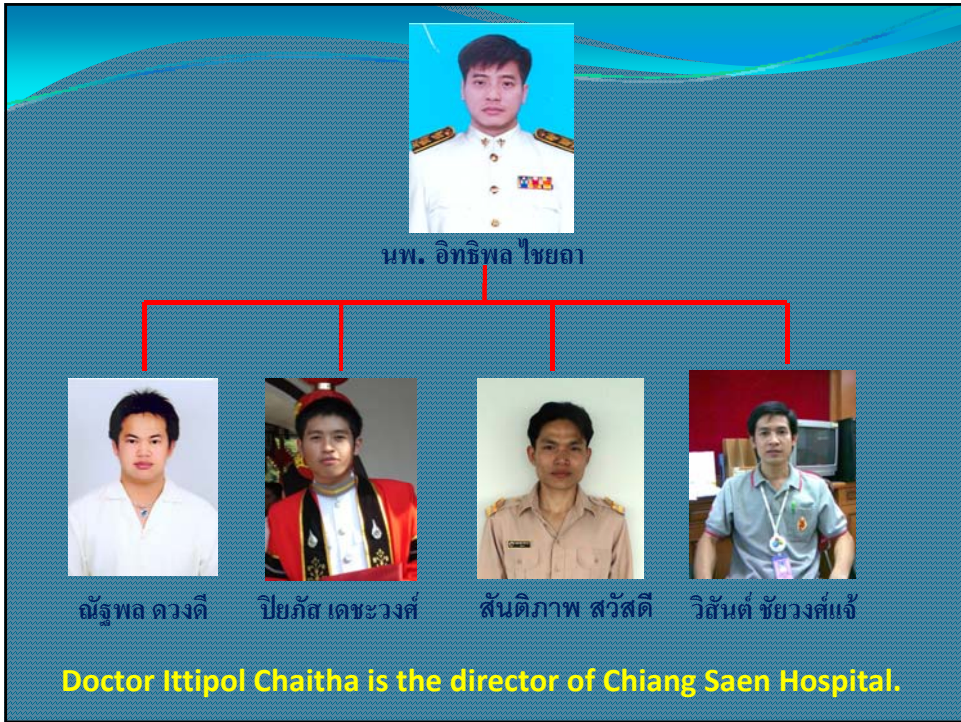
## Welcome to Chiang Sean





**Chiang Saen Hospital is a sixty bed rural community hospital. It was constructed in 1978.**

The complex block contains a logo on the left and a group photo on the right. The logo is a red cross with a circular center containing a map of Thailand and Laos, with the text 'โรงพยาบาลเชียงแสน' at the top, 'THAI' at the bottom, and 'LAO' on the right. The group photo shows ten people standing in front of a building with the sign 'โรงพยาบาลเชียงแสน' (Chiang Saen Hospital).



**Chiang Saen Hospital** has two - hundred and nine practical personal, there are five doctors, two dentist, five pharmacies.


forty eight nurses, six laboratories practical personal, thirteen - government civil, and one hundred and seventeen support staff.



**The Influenza Surveillance Network was started in Chiang Saen Hospital in 2006.**

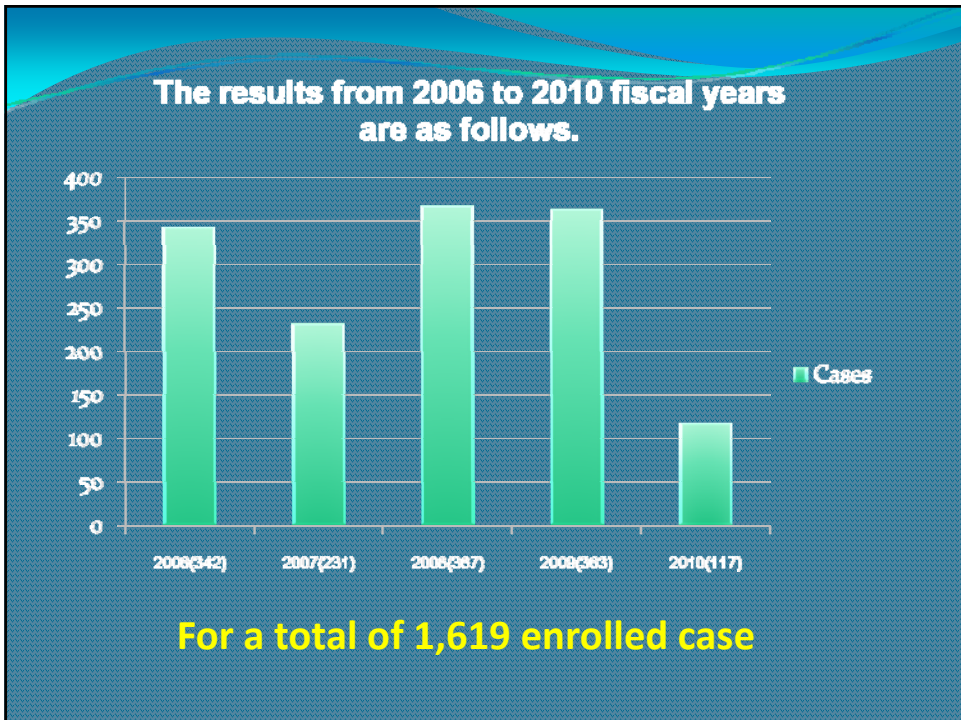


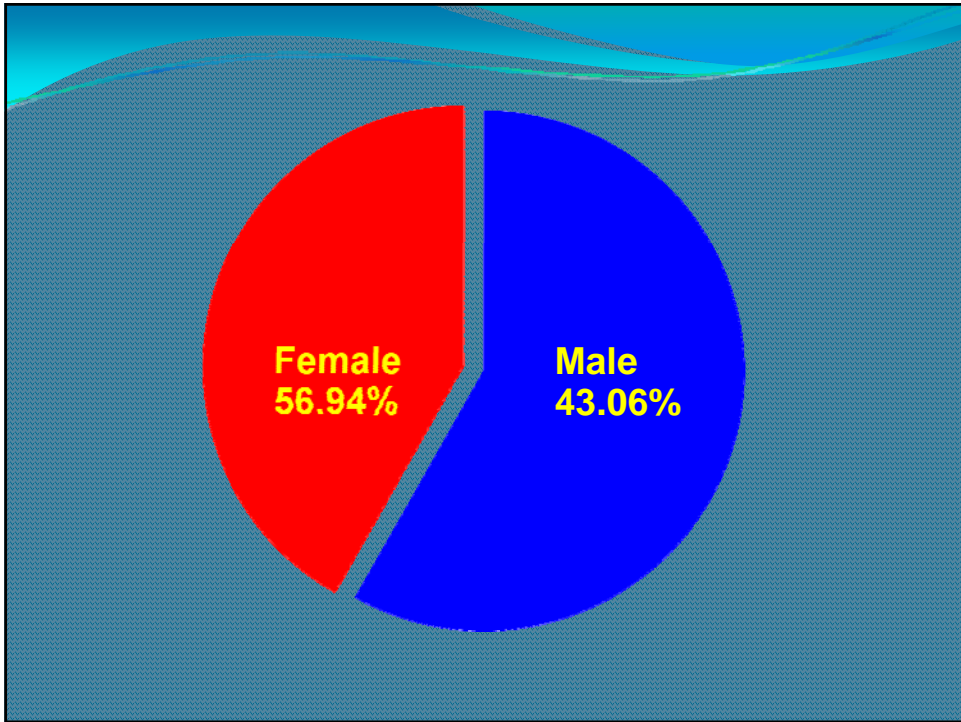
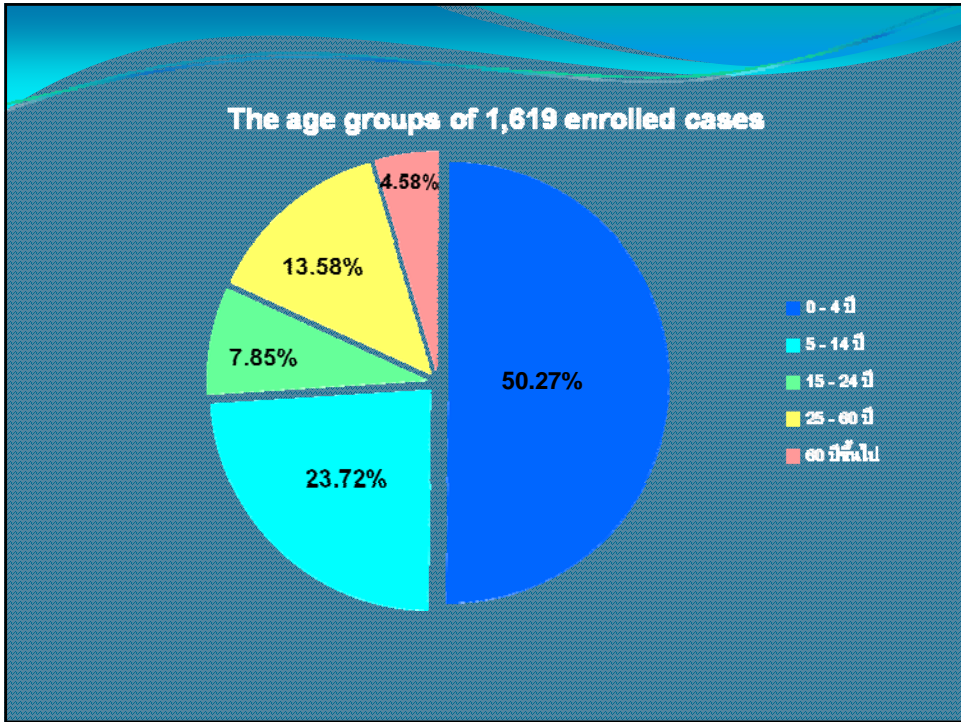
The project's objective was to strengthen the active Laboratory - based surveillance network in Thailand, by screening the out patients in the hospital that had influenza like symptoms and patients having a temperature of 38 Degrees celcius or higher and had a cough or sore throat. Also screening in - patients that had pneumonia or acute respiratory distress syndrome as well as patients requested by the doctors.

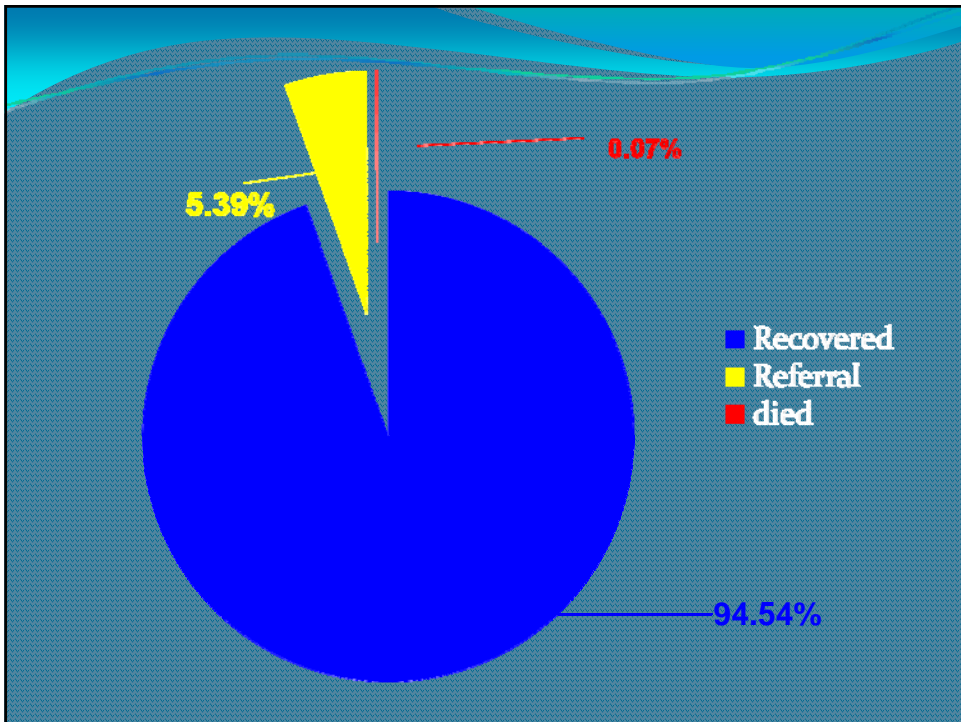
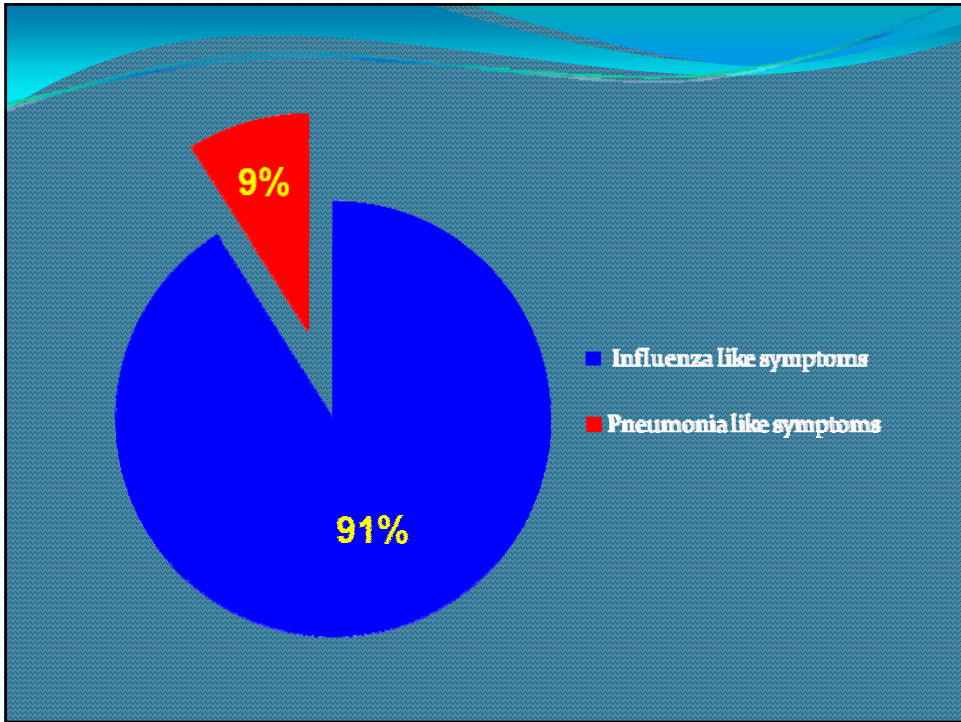


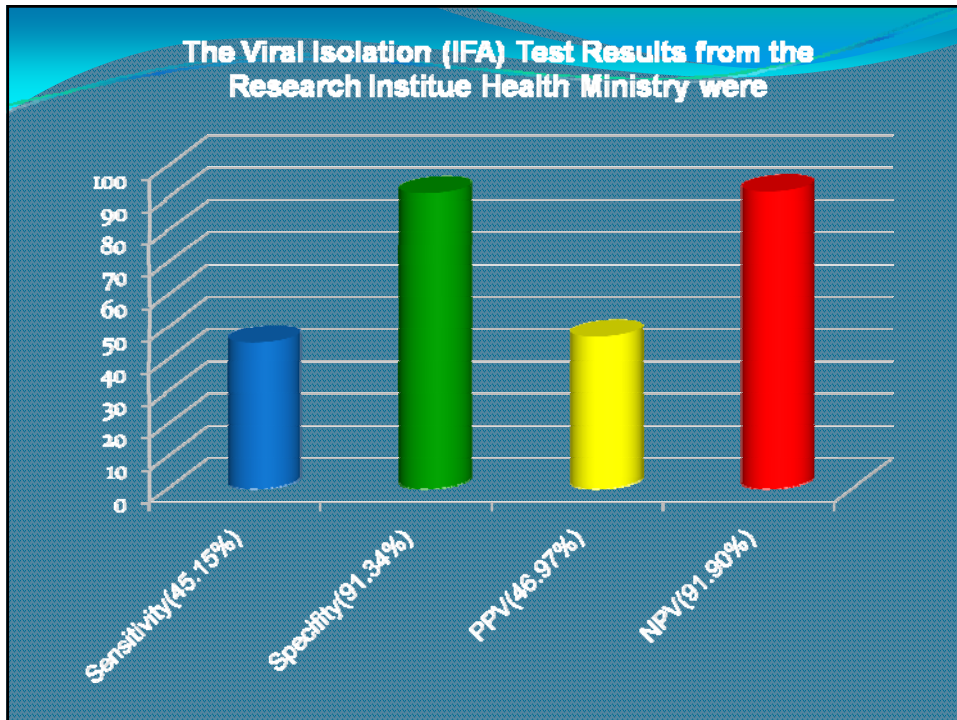
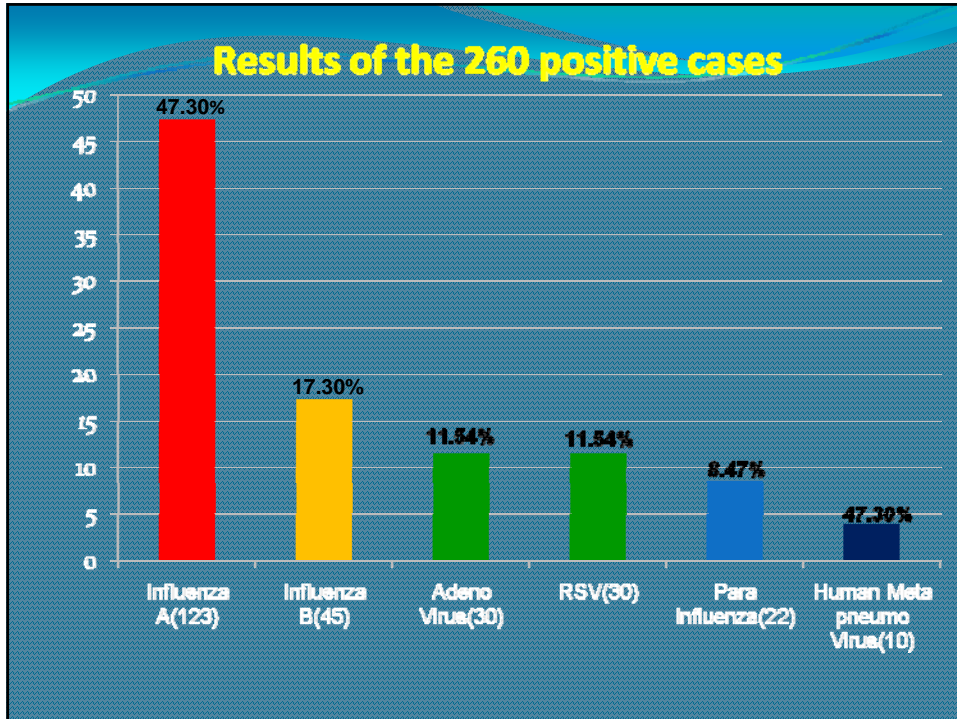
**The Surveillance System Methodology were**

- The first step. Surveillance staff daily review all eligible patients that have been detected.
- The second. Surveillance staff collects specimens with the surveillance data collection in order to perform a rapid test in the hospital. All specimens were frozen and sent to Chiang Rai Science Medical Center every Tuesday.
- The third step. Surveillance staff records the data and sent monthly reports to. Doctors and Nurses section, at Chiang Rai Science Medical Center, and Research Institute Health Ministry.











#### Benefits of the research project.

1. Surveillance of the patients who had Infectious influenza like symptoms give us more knowledge of how the virus spreads.
2. Before H1N1 was present in Thailand, the rapid test for influenza helped us protect the community.
3. The research helps us to know trends of the risk involved in H1N1 in people of the community.

#### Recommendation for future Research Projects.

1. Because the spread of flu is seasonal, at times, there will be fewer people involved in the project. During flu Season there are so many patients with influenza like illness, we are not able to collect all the information.
2. This project is good for surveillance and research for subtypes of the virus which may spread in the community. The project will help us learn from past efforts to battle the illness and create more effective strategies for the future.
3. Sensitivity of Rapid Test is not enough, it should be researched more for the future.

In 2006 the Institute of Hospital Quality Improvement and Accreditation of Thailand certified that Chiang Saen Hospital met the Hospital Standard (Golden Jubilee Version) for quality of care and quality improvement and has been accredited. This status has been achieved through the commitment and combined efforts of the management, the clinical and non clinical staff of Chiang Saen Hospital.

Thank you for your attention.  
If you have any further inquiries,  
We will be pleased to answer  
your questions at this time.