Name of the Community: **Muang Nan municipality**
Country: **Thailand**
Number of inhabitants in the community: **21,277** (on 1 June 2012)
Safe Community Programme started year: **2006**

International Safe Communities Network Membership:  Asian Regional Safe Community Network

Name of the Certifying Centre: Center for Community Safety Promotion, Ajou University School of Medicine, Suwon, Korea

Info address on www for the Programme: **www.csip.org**
For further information contact:

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The programme covers the following safety promotion activities:

1. Safe traffic
   **Strategies:** on the basis of education and safe environment setting
   **Ages 6-12 and Ages 13-18:** education to traffic volunteers, education about road accident prevention and dangers from alcohol during driving
   **Ages 26-60 and Ages 61 or older:** ‘Don’t Drive Drunk” campaign
   **All age group:** bicycle tracks promotion, drainage improvement project
   **Relevant organizations:** Nan Hospital, Muang Nan Municipality, Nan provincial police

2. Safe homes and leisure times
   **Strategies:** on the basis of education and safe environment setting
   **Ages 0-5:** education to parents and child care givers on home injury prevention
   **Ages 6-12 and Ages 13-18:** education on injury prevention and dangers from drinking alcohol and safe sexual behavior, safety and safe living in dormitories
   **Ages 26-60:** education on injury prevention and dangers from drinking alcohol, fire prevention
   **Ages 61 or older:** education about falling injury prevention, bathrooms improvement for elderly
   **Relevant organizations:** Nan Hospital, Muang Nan Municipality, and networks

3. Safe children
   **Strategies:** on the basis of education and safe environment setting
   **Ages 6-12 and Ages 13-18:** education on injury prevention and dangers from drinking alcohol and safe sexual behavior, safety and safe living in dormitories, 100% Safety by helmet campaign, ‘Parents school’ campaign to educate parents, grandparents, or care givers about child caring and child development, teaching swimming skills to children at age older than 7 years
   **Relevant organizations:** Nan Hospital, Muang Nan Municipality
4. Safe elderly
**Strategies**: safe environment setting
**Ages 61 or older**: education about falling injury prevention, bathrooms improvement for elderly
**Relevant organizations**: Nan Hospital, Muang Nan Municipality

5. Safe work
**Ages 26-60**: physical checkup and occupational healthcare, safety rounds at workplace
**Relevant organizations**: Nan Hospital

6. Violence prevention
- The village security teams regular safety round in the community
**Relevant organizations**: The village security teams

7. Suicide prevention
- Depression Screening Program
**Relevant organizations**: Nan Hospital

8. Disaster preparedness and response
- Practice the emergency response and emergency medical services
- Fire drill training to the civil defense volunteers
**Relevant organizations**: Department of Disaster Mitigation and Prevention, Nan hospital and Nan army officers
9. Safe public places
   - Safety and injury prevention during festivals
   - City flood protection

**Relevant organizations**: Nan Hospital, Muang Nan Municipality, Nan provincial police and networks

10. Safe hospitals
    - Each hospital conducts its own safety measures under medical safety guidelines.

11. Safe sports
    - Safe playground project

**Relevant organizations**: Muang Nan Municipality

12. Safe water
    - Drowning prevention in sightseeing places on Nan Riverside
    - Teaching swimming skills to children at age older than 7 years

**Relevant organizations**: Muang Nan Municipality and network
13. Safe schools

- safety programs in schools
- Injury and violence prevention program for high risk student group

**Relevant organizations**: Nan Hospital, Muang Nan Municipality, Nan provincial police and networks

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**Programs aiming at ‘High risk-groups’**: 

The High risk-groups are: In Muang Nan Municipality, high risk and vulnerable groups are defined as follows:

1. **Those at risk for intentional injuries, including victims of crime and self-harm**
   - Set up call center 199 for child protection in Muang Nan municipality was serviced by different safety networking groups such as Nan Provincial Social Development and Human Security Office, Nan Children’s Shelter, Nan Hospital, Nan Provincial Police, educational institutes and schools in Nan
   - Art zone campaign to prevent drug problems
   - Violence and Abuse Prevention such as the inspection of dormitory in Muang Nan municipality, the inspection of a child gather on Nan riverside, the inspection of internet café

2. **People with mental illness, developmental delays or other disabilities**
   - Health promotion and rehabilitation team Muang Nan municipality with the funding support from Provincial Health Insurance Fund set up health promotion and rehabilitation teams to cover all 31 communities and to service people in demand.

3. **People at risk for injuries from natural disasters**
   - Under the flooding prevention program, Muang Nan Municipality had organized the ‘city flood protection’ by keeping record of rain quantity and conditions, water level record of Nan river, setting flooding prevention plans, having sufficient water pumps to drain floods out of communities.
   - Improvement of Emergency Response, Disaster Prevention and First Aid Capacity

4. **People living or working near high-risk environments**

**Road Safety**: 
- Bicycle tracks project to set up ‘Bike Lanes’ in Muang Nan Municipality
- Improvement of drainages connecting the main roads and inner streets to prevent flooding.
• Installment of road warning signs.
• Promotion of child safety related travelling such as driving skills, travelling by cars or motorcycles, helmet use, seat belt use, pedestrian skills, and improvement the risk sites on roads.
• Traffic Education Program (to promote safe motorcycling and 100% use of helmets)

**Drowning Prevention:**
- Teaching swimming skills to children at age older than 7 years
- Drowning prevention in sightseeing places on Nan Riverside

**City flood protection:**
- Under the flooding prevention program, Muang Nan Municipality had organized the ‘city flood protection’ by keeping record of rain quantity and conditions, water level record of Nan river, setting flooding prevention plans, having sufficient water pumps to drain floods out of communities.

**Surveillance of injuries:**

1) Rate of injured persons per 100,000 people during 2006-2010 decreased.

2) Categorized by age group, it found the highest injury rate in every year was the adult group aging from 26-45 years.
3) Rate of injury associated with road accidents during 2006-2010 showed consistency.

4) Categorized by age group, it found the highest injury rate associated with road accidents was the adult group aging from 26-45 years.
5) According to the number of falling injury, it found the highest rate of falling injury was children group aged from 6-12 years and elderly group aged above 61 years.

6) Rate of falling injury during 2006-2010 decreased.
7) Categorized by falling cause in elderly group aged above 61 years, it found the major cause was slippery or stumble; followed with stair or chair falling.

8) Rate of injury associated with the exposure to inanimate mechanical forces showed a decreased tendency.
9) Rate of injury associated with the exposure to animate mechanical forces showed a decreased tendency.

![Exposure to animate mechanical forces](image)

10) Categorized by injury type, it found the highest injury rate in most age group involved exposure to inanimate / animate mechanical forces such as attacking by throwing, dropping, or falling objects, stabbing or piercing by an objects, pinch, cramp or compressed by objects, cutting, foreign objects into body. Concerning to gender, males had more injuries than females except dog bites.

![Rate per hundred thousand](image)
11) Categorized by injury cause during 2006-2010, the major cause of injury was injury exposure to inanimate mechanical forces; followed with road accidents and falling injury.

12) Categorized by age groups in pre-school, primary, and secondary level, pre-school age group showed the increased injury rate while primary and secondary age group showed the decreased injury rate.
13) Concerning the self-attack injury during 2006-2010, it showed non-significant number. In 2010, there was no injury related to self-attack.

![Intentional self-harm](image)

14) There were 2 cases of drowning in 2008, but no drowning injury was found in other years.

![Drowning](image)
Publications:
The column on safety-related issues in local daily newspaper by Doctor Pongthep Wongwacharapaiboon

Radio broadcast, local cable TV and local radio channel:
To disseminate news, information, safety mobilization, injury data and injury prevention of each festival

Websites:
The column on safety-related issues in www.facebook.com

Others:
Installation of warning signs in communities, playgrounds and roads. Bulletin board about the danger from drinking alcohol, a mobile exhibition to reduce alcohol consumption
Staff
Photo of leader(s):

Name: Dr. Pongthep Wongwacharapaiboon
Number: 9
Professions: part-time
Permanent: 1
Temporary: 8
Organization: Nan hospital
Specific cross-sectoral leadership group for safety promotion
General public health/health promotion group:
Community Medicine Department, Nan hospital, Nan Province Thailand

Name: Mrs. Amornrat Yakeaw
Number: 10
Professions: part-time
Permanent: 1
Temporary: 9
Organization: Muang Nan municipality, Nan Province Thailand
International commitments:

Organised Study visits for the following visiting communities:

1. **The 1st Community inspection by WHO CC in order to be certified as International Safe Community**

Professor Shumei Wang from School of Public Health, Fudan University, Shanghai, China and Dr. Yoko Shiraishi from Ristumeikan University, Deputy Director, Mature Life Institute, Japan were the delegates from the WHO Collaborating Centre for Community Safety Promotion (WHO CC) to inspect Safe Community in Muang Nan Municipality on 18-22 January 2010. This inspection was collaborated with “Board of Community Empowerment for Injury and Disaster Prevention” under the authorization of National Safety Council.

![Image 1](image1.jpg) ![Image 2](image2.jpg)

**Results**

1. The injury record and all data collection were satisfied. Data collection was a major part of safe community project representing self-learning approach on identifying and analyzing the problems.

2. Team works in safety between public and community members showed more efficiency.

3. The campaign on “alcohol-free in community” was satisfactory and awareness about drinking alcohol increased as could be observed even in the pre-school age group.

4. Reports required more statistic data.

5. Reports needed to focus on 3E guidelines which are Environment, Education and Enforcement perspectives. In addition, Engineering and Economic perspectives are suggested.

6. Data collection should be compliance to International Disease Classification (ICD -10).
2. The 2nd Community inspection by WHO CC in order to be certified as International Safe Community

Prof. Lu Pai from Taiwan, Prof. Shumei Wang from China, and Dr. Choung Ah Lee from Korea, the delegates from WHO Collaborating Center on Safe Community Safety Promotion (WHO CCCSP) in collaboration with “Board of Community Empowerment for Injury and Disaster Prevention” under the authority of National safety council, Child Safety Promotion And Injury Prevention Research Center (CSIP) inspected communities in Thailand so as to giving the safety development directions for international safe community designation. The on-site inspection was held on 25 February 2011 in Muang Nan Municipality, Amphoe Muang, Nan Province (last evaluation for certifying). After on-site inspection, it showed that safe community programs involved participation from all groups of community members and networking collaborations for the diversity of safety interventions.

Meeting with the Deputy Nan Governor

Talee village presenting flood and other disaster prevention

Visiting and talking with elderly at their houses

Visiting safe school/safe playground
**Participation in International Conference**
- Attended the 19th International Conference on Safe Communities dated 23 - 26 March 2010 at Suwon, Korea.


**Hosting Safe Community Conferences**: will be held on June 24-25, 2013 at Muang Nan Municipality

**Hosting ”Traveling Seminars”**: will be held on June 24-25, 2013 at Muang Nan Municipality