



職業安全健康局
Occupational Safety and
Health Council

Occupational Safety & Health Council, Hong Kong SAR, China

Certifying Centre for Safe Community Programs

On behalf of the WHO Collaborating Centre on Community Safety Promotion,
Department of Public Health Sciences Division of Social Medicine, Karolinska Institute, Sweden

Safe Community Tung Chung



Name of the Community: **Tung Chung**

Country: **China, Special Administrative Region**

Number of inhabitants: About **100,000**

Programme started year: **2003 (designated in 2006)**

International Safe Communities Network Membership: **Redesignation year: 2011**

Info address on www for the Programme: No – being constructed and will be attached to the HK OSH Council

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Tung Chung Safe & Healthy City Project

Background of Tung Chung

Tung Chung situates at the northern part of the Lantau Island, the largest island in Hong Kong. It connects Kowloon with the New Territories South via Route 8 Expressway, linking the Airport, Tung Chung, Disneyland, Tsing Yi and Shatin. Tung Chung was a fishing village developed as part of the airport core program, and now becomes the hub of the Greater Pearl River Delta with the building of the Hong Kong-Zhuhai-Macau Bridge.

As the most populated areas in Lantau and fastest growing town in Hong Kong, Tung Chung is also the Gateway to Hong Kong. The HK International Airport is just a few minutes away and Tung Chung serves as interchange for all transports to the famous scenery spots in Lantau, such as the Hong Kong Disneyland Resort, Buddha (Tian Tan Buddha), and the Ngong Ping 360 Cable Car. With the active pursuance of the Tung Chung Safe and Community and leadership of the District Councilors, more recreation facilities, public transport network, and healthcare infrastructure are set up, such as the new public library, cycling paths, herbal garden and the construction of the new North Lantau Hospital.

Tung Chung has been developed in phases to reach a target population of 220,000 since 1997. Being a new town with fast growing population, Tung Chung has grown from 29,000 in 2001 to around 100,000 today, together with an estimate of 50,000 mobile population working and traveling within Tung Chung every day. The population is young with a median age of 30 in Yat Tung and 36 in Tung Chung New Town. There are 17,000 or 19% of the population aged below 15, comparing with only 7.6% of 6,630 individuals aged over 65. Education level is low especially in Yat Tung, only 7.4% of the non-student population aged 20 and above having attained post-secondary education. Household income is also low, ranged from \$10,500 to \$24,500. Tung Chung is young and yet poor with low education level.

Organization of the Project

The concept of Tung Chung Safe and Healthy City began with the Sunny Project back in 2003. Purpose of the project was to promote a safety culture through partnership and integration of resources from enterprises, government departments, local organizations, health services providers, educational institutions, industrial organizations and voluntary groups.

The safe community movement began with strong conviction and visible leadership of the Chairlady of the HK Outlying Islands Women’s Association, Principal of the HKFEW Wong Cho Bau School and a District Councilor. They together pooled the community partners together and formed the Tung Chung Safe and Healthy City Steering Committee. Main purpose of the Committee is to coordinate resources in Tung Chung to implement comprehensive and systematic safety promotion and prevention programs to reduce injury rates in the community. After 3 years’ hard work and concerted efforts in community building, Tung Chung was designated the 110th Safe Community by the World Health Organization on 9 November 2006.

The Steering Committee has been set up since 2003 to drive for the designation of the Tung Chung Safe Community. Members of the Steering committee increase from 23 organizations in 2003 to 31 in 2011. They are the senior leaders representing public and private organizations to participate in working groups and collaborative partners in many safety programs. Members of the Steering Committee are:

<p>Government Departments (5)</p>	<ul style="list-style-type: none"> ● Islands District Council ● Islands District Office ● Hong Kong Police Force ● Fire Services Department (FSD) ● Social Welfare Department (SWD)
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Public Service Organizations (7)	<ul style="list-style-type: none"> ● Kowloon West Cluster, Hospital Authority ● Hong Kong Housing Authority ● Occupational Safety & Health Council (OSHC) ● China Light & Power Co. Ltd. (CLP) ● HK & China Gas Co. Ltd. ● Mass Transit Railway Corporation Ltd. ● Hong Kong Airport Authority ● Prince Margaret Hospital
Non-Government Organizations (7)	<ul style="list-style-type: none"> ● Hong Kong Island Women's Association (OIWA) ● Island Youth Association ● HK Young Women Christian Association ● HK Young Men Christian Association (YMCA) ● Neighborhood Advice-Action Council (NAAC) ● HK Sheng Kung Hui Welfare Council (HK SKHWC) ● Tung Chung Safe and Healthy (Community Services) Foundation Ltd
Academic & Schools (2)	<ul style="list-style-type: none"> ● School of Public Health, CUHK ● HKFEW Wong Cho Bau School
Association and Trade Unions (5)	<ul style="list-style-type: none"> ● New Territories Association of Societies (NTAS) ● The Staffs & Workers Union of HK Civil Airline ● HK Federation of Trade Union ● North Lantau Citizen Association ● Island Teachers and Parents Association
Private Organizations (5)	<ul style="list-style-type: none"> ● China National Aviation Corporation(Hong Kong) Ltd. ● Ngong Ping 360 ● AsiaWorld-Expro ● Cathay Pacific ● Hong Kong Disneyland Resort

Honorary Patron (Director of Home Affair)

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Patron (Chairman of Island District Council & District Officer)

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Advisors (Renowned Professionals)

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Tung Chung Safe & Healthy City Steering Committee

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Tung Chung Safe & Healthy City Working Committee

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Safe & Healthy Family Working Group	Safe & Healthy School Working Group	Safe & Healthy Workplace Working Group	Safe & Healthy Environment Working Group	Community Diagnosis Working Group
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Community Diagnosis

In order to understand better how Tung Chung residents perceive their living environment, health and safety related concerns and issues; the Tung Chung Safe and Healthy City Steering Committee had commissioned the Hong Kong Chinese University to undertake the project of conducting a study on the community diagnosis for Tung Chung during April to June 2005. A total of 441 households participated in the survey and 2 focus groups were conducted. Over 60 Safety Ambassadors assisted in the data collection. 33 reported injuries in the past 3 months: 51% at home, 27 at work, 12% in school and 18% on road. Most of them were minor injuries without medical attention, 6% were reported to be serious and required admission. 67% of the participants reported that there was no safety and health information. 13% were not satisfied with the hygienic condition of the community. Most are satisfied with the fire safety and FSD services. There were inadequate recreation facilities and transportation is not very efficient. A press conference was held and the report recommendations would be followed up by the District Councilor and the Steering Committee.

Safety Promotion Programs for different ages

Child and Youth Safety

Tung Chung has a young population with 17,000 children aged below 15; much attention has been given to safeguard the development of the young kids. Through the Tung Chung Safe and Healthy City programs, many organizations have been working collaboratively to provide a great variety of activities for the safety and health of these school children and the youths. Many are designed for the disadvantaged or those with special needs.

Since 2005, the Police Force has organized a series of program, called "Vision Possible" to reduce juvenile crime through a multi-agency approach. The project is co-organized by the Police, schools, NGOs and District committees. Having a theme for each school year, objectives of the program were to build up confidence, self-discipline and sense of responsibility and fighting against drug for the youths. The target participants were mainly junior secondary school boys. In 2009-10, the project has extended to senior primary schools and secondary school girls. In the past 4 years, over 13,000 students participated in the Vision Possible Program. The program had received positive feedback from school principals, teachers, students, social workers and NGOs.

Elder Safety

In the traditional Chinese families, harmony and respect are central to the heart of many elders. The Central, Western, southern and Islands District Social Welfare Officer of the Social Welfare Department (SWD) has given support to the local NGOs to organize programs and volunteer activities to promulgate safety, self-care and mutual support among elders in Tung Chung. Many of these programs are

successfully conducted through the active participation and involvement of enterprises, public utilities companies and government departments. In support of the drive of neighborhood programs to build a supportive network for the elderly, a series of pilot project would be launched in Tung Chung such as the Pilot Neighborhood Active Ageing Project and Pilot Neighborhood Active Ageing Project-caring for Elders. In addition, the SWD has also supported the local NGOs for activities for the elders such as the opportunities for the Elderly Project.

Safety Promotion Program for the setting

Fire Safety

Fire prevention and fire safety is one of the major functions of the Fire Services Department (FSD). Every year, FSD conducts visits to the schools to deliver fire safety talks, organize fire drills and training of students to become Fire Safety Ambassadors. Visits to the Fire Station are regular events welcome by students. Property management and Estate Managers are also active in organizing fire prevention programs for the residents. Skill practice in the use of fire hose and fire extinguishers are included in the program and carnival activities. Apart from schools and housing estates, prevention of bush fire and fire regulation at work are also the focus of the FSD.

Gas Safety

The HK & China Gas Co. (Towngas) introduced the Regular Safety Inspection (RSI) Program to prevent problems before they occur. Registered and fully qualified gas technicians will visit all residential customers at regular intervals of 18 months to carry out safety inspection. This includes checking all gas installations and testing external service risers, plus the PE Link without additional cost. So far, all residential buildings in Tung Chung have been through the safety inspection.

In addition, safety talks and safety exhibitions are organized to promote home safety to enhance the public awareness and improve their knowledge of gas safety. In the recent 2 years, 2 safety talks and 1 safety exhibition were held in Tung Chung. The corporate volunteers also engaged in community programs to bring special skills together with care and warmth to the residents.

Road Safety

From the Accident and Emergency Department of PMH, trauma cases resulted from traffic accidents ranged from 74 to 94 each year in the past 5 years. There had been serious traffic accidents with 3 deaths and 22 wounded in 2009, 1 death and 14 wounded in 2010. With the highway and hilly roadways around Tung Chung, the number of road accidents has not been significant. The Traffic and Transport Committee of the Islands District Council has also maintained a close watch of the road design, floods and traffic control around the area. Pedestrian safety and road improvement works have always been put on the agenda and followed up by the respective government departments.

Under the District Council, there is a Working Group formed specifically for traffic safety. A lot of activities have been organized to promote road safety; such as gimmicks designed to promulgate traffic safety to the residents; road safety leaflets or booklets distributed to pedestrians, drivers and passengers regularly. Promotions of safe driving through banners, boards as reminders to the drivers no speeding and no driving after alcohol intake are also included. On 29 January 2011, a Traffic Safety Day was organized to disseminate information on road safety to residents in Tung Chung. Another program was coloring contest on traffic safety, which had been well received with active participation among schools and local organizations.

Since Tung Chung is distance from the busy city centre of HK, a lot of trail walkers, joggers and cyclists would come to Tung Chung in the weekends and during holidays. A number of cycling paths and walkways are designated to provide a safe environment for the cyclists and pedestrians. In March 2006, the Airport Trail was officially opened with more than 10,000 trees planned along the trail. It provides

another safe venue for jogging, relaxing and enjoying nature. Another popular site is the Ngong Ping Trail, where charity walks and environmental protection activities were held.

Home and Environmental Safety

For home safety, the property management agents of the public and private housing estates have developed safety programs for the estates regularly. The MTRC Tung Chung Station, the main public transport to Tung Chung, has also contributed to deliver safety messages through their electronic display and designated booth for the community. Many of these activities are organized in collaboration with the local agencies such as NGOs, FSD and schools. These are:

- Fire drills and fire safety carnivals
- Cleaning carnivals to promote environmental and personal hygiene
- Home safety carnival and visits to promote against objects being thrown from height
- Environmental protection, recycling of bottles and batteries activities
- Routine service and maintenance on water systems, lifts, playground facilities, fire equipment, electrical switchboards, and emergency generator
- Regular programs for rodent control, mosquito prevention, disinfection of lift buttons, trimming of trees and plantation
- Activity booth at MTR Station to promote environmental protection and family kinship
- Safety use of MTR service

Injury Statistics

In Hong Kong, most of the injury related data are collected separately by several government departments; such as the Labour Department, Department of Health, Social Welfare Department, Police Force and Fire Services Department. Whereas for those injured coming to the hospital, the Hospital Authority also has a large volume of data on injury victims. At present, there is no direct linkage or sharing of information in existing situation. It is through the Safe Community initiative that all parties can come together and share the information. However, since the definitions and data sources are different, a common database for all injuries is yet to be built.

In order to better understand the injury status in Tung Chung, statistics from all the Accident and Emergency Departments of all public hospitals were collected and analyzed. Data were extracted during the years of 2006 to 2010 with trauma codes and residential address in Tung Chung.

Trauma codes according to age in 2006

Trauma codes according to age in 2010

	Traumatic Type									Total
	C Child abuse	Common assault	Domestics	Industrial	S Spousal abuse	Self-Harm	Sports	Traffic	Unclassified	
<1	0	0	8	0	0	0	0	0	0	8
% within age group	.0%	.0%	100.0%	.0%	.0%	.0%	.0%	.0%	.0%	100.0%
% within Trauma Code	.0%	.0%	1.1%	.0%	.0%	.0%	.0%	.0%	.0%	.4%
1-4	1	0	108	0	0	0	2	0	25	136
% within age group	.7%	.0%	79.4%	.0%	.0%	.0%	1.5%	.0%	18.4%	100.0%
% within Trauma Code	20.0%	.0%	15.1%	.0%	.0%	.0%	1.1%	.0%	8.5%	6.8%
5-14	4	26	148	0	0	1	75	7	61	322
% within age group	1.2%	8.1%	46.0%	.0%	.0%	.3%	23.3%	2.2%	18.9%	100.0%
% within Type	80.0%	25.7%	20.7%	.0%	.0%	11.1%	40.8%	7.5%	20.8%	16.1%
15-24	0	17	54	51	0	1	63	14	38	238
% within age group	.0%	7.1%	22.7%	21.4%	.0%	.4%	26.5%	5.9%	16.0%	100.0%
% within Trauma Code	.0%	16.8%	7.5%	8.8%	.0%	11.1%	34.2%	15.1%	13.0%	11.9%
25-44	0	28	127	278	14	5	23	34	65	574
% within age group	.0%	4.9%	22.1%	48.4%	2.4%	.9%	4.0%	5.9%	11.3%	100.0%
% within Trauma Code	.0%	27.7%	17.7%	48.1%	73.7%	55.6%	12.5%	36.6%	22.2%	28.7%
45-64	0	30	144	244	5	2	21	33	74	553
% within age group	.0%	5.4%	26.0%	44.1%	.9%	.4%	3.8%	6.0%	13.4%	100.0%
% within Trauma Code	.0%	29.7%	20.1%	42.2%	26.3%	22.2%	11.4%	35.5%	25.3%	27.7%
>64	0	0	127	5	0	0	0	5	30	167
% within age group	.0%	.0%	76.0%	3.0%	.0%	.0%	.0%	3.0%	18.0%	100.0%
% within Trauma Code	.0%	.0%	17.7%	.9%	.0%	.0%	.0%	5.4%	10.2%	8.4%
Total	5	101	716	578	19	9	184	93	293	1998
% within age group	.3%	5.1%	35.8%	28.9%	1.0%	.5%	9.2%	4.7%	14.7%	100.0%
% within Trauma Code	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Summary of the findings are as follow:

- Male plays the major portion with age below 65 (93%).
- For the group 15-24 and 4-15, the major gender is male (73.4% and 68.8 %) .
- Major type of injury was industrial (4,221; 28%) and domestic (5,740 ; 38.1%) from 2002 to 2010.
- Child aged below 4 and geriatric group of age above 64 are highly susceptible to domestic injury.
- Among the 15,062 cases, majority were classified as urgent (9,187) and semi-urgent (,5136) .
- Among these cases, 49 were critical while 86 were identified as emergency.
- The needs in safety promotion would be in industrial, traffic, home safety and sports safety.

Fire Statistics

Information related to fire incidents is provided by the Fire Services Department. Considering the population growth, the fire calls and injured cases are still at the low side.

Year	Fire Call	Injured	Special Calls	Injured	Death	Total Calls
2006	393	0	205	11	1	598
2007	399	3	203	23	2	602
2008	462	0	236	17	5	698
2009	461	0	239	38	10	700
2010	454	0	221	46	5	675

Juvenile and Young Persons Crime Figure

Data below concerning the crime detected for persons under aged of 15 and 20 is provided by the Police Force. The figures showed a decreasing trend of crimes committed by youth under the age of 20.

Year	No. of Crime detected for persons under age of 15	No. of Crime detected for persons under age of 20	Total
2006	114	90	204
2007	104	81	185
2008	92	82	174
2009	90	86	176
2010	91	76	167

Produced information material, pamphlets

- Tung Chung Community Diagnosis
- Report on The Sunshine Project
- Safety Tips for Outdoor activities
- Safety Cycling
- Home Safety Tips
- Fitness for Health

Staff

Organization: Tung Chung Safe & Health City Association

Temporary: There are temporary helpers from School & Associations

Specific intersectoral leadership group: HK Outlying Island Women's Association

Island District Council

General public health/health promotion group: Dept. of Family Medicine & Primary Health Care, KWC

International commitments

Study visits: To Taiwan and Hong Kong

Participation in Safe Community conferences: Injury Congress and Safe Community Designation in HK

Hosting Safe Community Conferences: To be decided

Hosting Injury Surveillance Seminar together with OSHC in Hong Kong.