

**CURRENT SITUATION AND COUNTER  
MEASURES UNDERTAKEN BY THE HEALTH  
DEPARTMENT OF YANGON CITY  
DEVELOPMENT COMMITTEE  
AGAINST INFECTIOUS DISEASES IN  
YANGON CITY**

**PRESENTED BY DR.TIN MAUNG WIN  
HEAD OF HEALTH DEPARTMENT OF YCDC,  
YANGON, MYANMAR**

**Demographic profile of Myanmar**

Bordered by Laos and Thailand in the east ,  
India & Bangladesh in the west and the People's  
Republic of China in the north and northeast.

❑ Surface area - 676553 sq.kilo meters.

❑ Population - 53.22 million

in 2002-2003 - Life expectancy at birth

Urban males 61.5. Females 65.6

Rural males 60.8. Females 63.3

❑ Population growth rate of 2.02 percent

The State Law and Order Restoration Council Law No: 11/90 enacted on 14th May 1990. YCDC re-organized to include a Health Department as one of its major departments

Countermeasures of YCDC health department against infectious disease are as follows

**-Health Education,Disease Surveillance**

**- Preventive and Control Measures,Training**

**- Outbreak Response**

**Health education** Dissemination of health knowledge is the duty of every health worker.

pathogenesis & transmission of disease explained in simple language. The people know simple rules and hygiene

# Disease Surveillance

(A) Establish objectives of disease surveillance system and determine data needed. (B) Collect data 1. Collect and review data 2. Perform case investigation (C) Organize data (D) Analyze and interpret data (E) Formulate hypothesis concerning factors affecting disease transmission. (F) Test the hypothesis (G) Recommend and implement control measures

# Preventive and Control Measures

- Food safety recommendation
  - Eating and Drinking established
- Health Hazards free Certificate
  - service and production centers
- National Drug Law in 1992 to protect the citizens from injurious and fraudulent foods.
- National Food Law in 1997 is to protect the citizens from deteriorated and adulterated drugs./ YCDC health bye-law in 1999

- Sanitary inspection of food service establishment
- Meat and poultry inspection at the markets.
- Public bathing place sanitation- Inns, motels and small hotels –Institutional sanitation

	1999	2000	2001	2002	2003	2004
Severe Diarrhoea	71/0	154/0	114/0	44/0	17/0	
DHF	2725/25	1229/3	7395/35	5185/19	2421/23	2865/8

Severe Diarrhoea – decreasing trend

DHF – Social mobilization for lava control, vector control by spray, Impregnation of bed nets

-HIV/AIDS prevention – VDRL for trishaw peddelers

Nasal swabs & stool exam: of food handlers

HACCP used for assuring safety of food processed and manufactured.

Bacteriological exam: of water – safe or not

SARS Infection- formulate a national preparedness plan by a task force – YCDC representative

Avian Influenza infection – Working Committee

**Control measure** – Space spray for DHF cases

**Training** – Training of food handlers, food stall managers & supervisors in HACCP

Refresher Training Course for YCDC health personnel's

**Outbreak response** - Public warning

- Hygienic measures

**Healthy City Project** - YCDC implements H.C.P

to fulfill primary objective of H.C.P/ provide opportunities for individual families & community groups to address their environment & health problems



**Collaboration-** YCDC Health Department technically under MOH/ administratively under YCDC

**MOH** - WHO, UNICEF, UNDP, UNFPA technical assistance & health care activity – UNDP, UNHCR, JICA-health development activity.

**YCDC-** Member of Asian Network of Major Cities 21- (ANMC 21) committed to work together to tackle the issues that major cities share in common.



**Minister Of Health, Yangon City Mayor seen supervising social mobilization activity for environmental sanitation to prevent severe diarrhoea in Yangon City 2005.**



**NGO members seen filtering household water for larva control to prevent DHF in Yangon City in 2005.**



**NGO members seen throwing away the empty tins where larva breed.**



**Health personnels, seen spraying the Yangon Railway Station for prevention of SARS..**