PANDEMIC INFLUENZA PREPAREDNESS

Multi-sectoral Response

Ministry of Health Malaysia
Potential Impact of Pandemic

Livelihoods
- Food & income loss from poultry deaths/ culling & decreased economic activity

Human Health
- High illness & potentially higher death rates
- Overstretched health facilities
- Disproportionate impact on vulnerable

Rule of Law & Governance
- Increased demand for governance & security
- Higher public anxiety
- Reduced capacity due to illness & deaths
Potential Impact of Pandemic

**Humanitarian Needs**
- Deterioration of coping & support mechanism
- Interruption in public services
- Quarantine policies

**Economic Systems**
- Trade & commerce disruption
- Reduced availability of key persons
- Interruption of regular supply system
Preparedness

• Is the KEY to substantially reducing the health, social and economic impact of infectious disease outbreaks

• Prudent preparation can limit spread and lessen effect

• Readiness = capability
  – Resources
  – Skill
  – Knowledge

• Good surveillance mechanism

Simulation exercise - PanFlu
Pandemic Response

Medical Interventional

- Antiviral drugs
- Vaccine, etc
- Medical care, PPE

Non-Medical Interventions

- Personal hygiene
- Travel restriction
- Quarantine
- Social distancing
- Risk communication

Social Services (keep a society running)

- Security
- Food & water supply
- Power supply
- Transportation
- Telecommunication
- Other essential services
Need Coordinated Multi-sectoral Response

Guiding/Coordinating Body (Might/Should Not be MOH)

National Pandemic Preparedness (and Response) Plan
Plus additional Sector Contingency Plans

MOH

Sectors

Tools, Template, Guidelines, Best Practices, Experts
National Influenza Pandemic Preparedness Plan – Malaysia Experiences
NIPPP – Strategies

- Organizational Response – 3 main committees
- Public Health Response
- Medical Response
- Laboratory Response
- Risk Communication
- Social Response
Organisational Response

NIIPC: (Policy committee)

Provide policy directions and co-ordination of ministries and department, governmental and non-governmental agencies for controlling the pandemic.

NIPPC: (Technical and advisory committee)

Oversee the development and implementation of the NIPPP

Role and function of each sectors is spell out.
Non Health Sectors Involvement: Develop pandemic preparedness/contingency plans

- Energy
- Water & Sanitation
- Telecommunication
- Transportation
- Fire brigade
- Law enforcement
- Social services
- Agriculture, livestock & fisheries
- Food production & distribution
- Banking & Finance
- Business
- Law enforcement
- Military
- Others
Implementation:
Exercises Management

1. Avian Influenza – Health Response table-top exercise:- 23 March 2006
3. Pandemic Influenza – Inter-agencies table-top exercise:- 4 April 2006
4. APEC Pandemic Response Exercise 2006:- 7 June 2006
Implementation: Exercises Management

5. Pandemic Influenza – Medical Response field exercise (PanFlu1):
   - 1 August 2006; Ipoh Hospital
   - 2 August 2006; Health Centers in Kinta District

6. Pandemic Influenza – Public Health Response at International Airport field exercise (PanFlu2):
   14 Sept. 2006 at KLIA

7. ASEAN Influenza Pandemic Exercise
APEC Pandemic Response Exercise: 7 June 2006
PanFlu Exercise 1 - Medical Response at Hospital (Field exercise) 1 & 2 August 2006
PanFlu 2 Exercise –
Public Health Response at International Airport (Field exercise)
14 September 2006
THANK YOU