

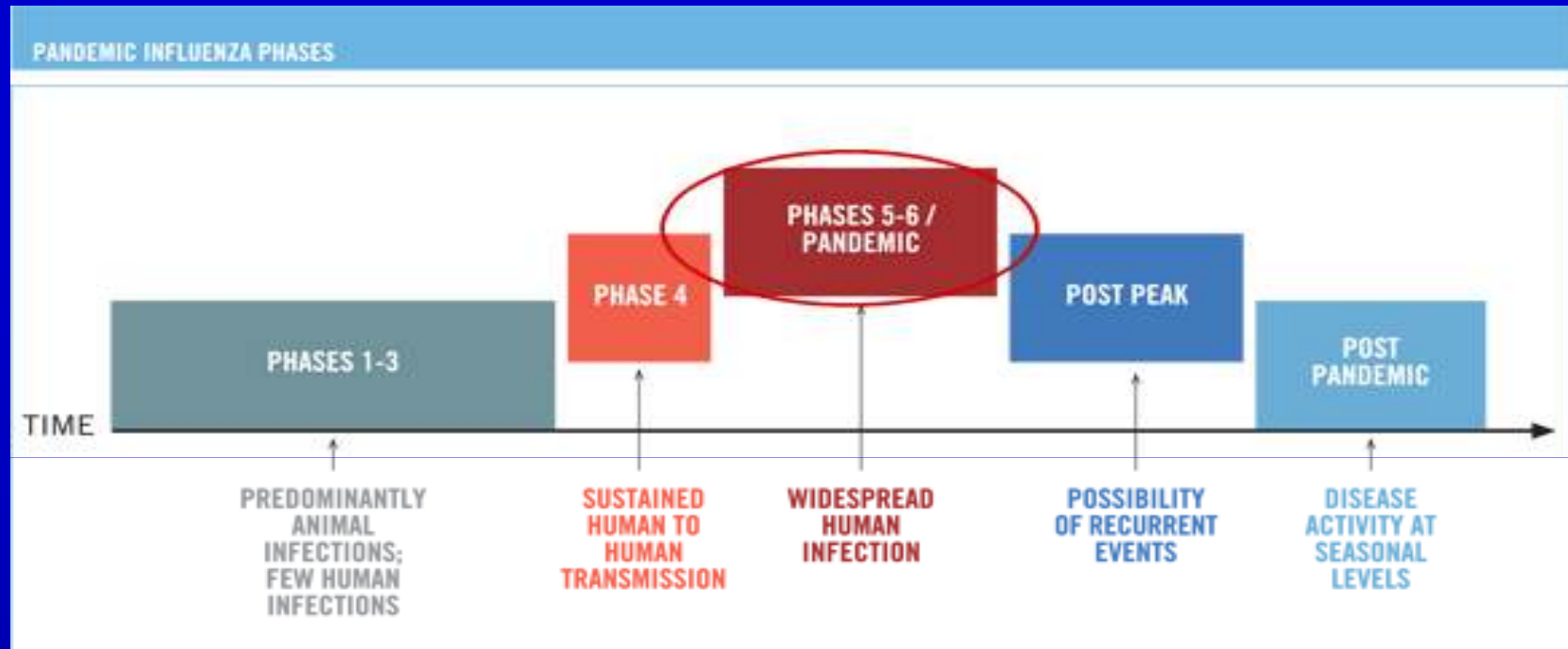
**INFLUENZA A (H1N1)  
OUTBREAK -  
CURRENT SITUATIONS,  
PREVENTIVE & CONTROL  
ACTIONS**

**Disease Control Division  
Ministry of Health**



**Ministry of Health Malaysia**

# Pandemic Phase 5



Is characterized by human-to-human spread of the virus into at least two countries in one WHO region.

Pandemic Phase 5 – since 29 April 2009





**Table. Characteristics of reported cases of influenza A(H1N1) by country<sup>1</sup>**

Parameter	Country				
	USA	Mexico	Spain	Canada	UK
Incubation period (days)	Range 2-7 <sup>1</sup>	NA	Median 3 Range 1-5	NA <sup>2</sup>	Range 4-6
Age (years)	Median 20 Range 3 mo - 81yrs <sup>2</sup>	Most cases 5-44	Mean 24 Median 23 Range 19-55	Median 22 Range 2-64	Median 25
Number of deaths	2 (0.3%) of 642 confirmed cases <sup>2</sup>	42 of 11, 932 suspect and 949 confirmed cases <sup>4</sup>	0	0	0
Prominent clinical signs	Most ILI; <sup>5</sup> diarrhoea in 82 (25%) of 323 cases; <sup>2</sup> vomiting in 74 (25%) of 295 cases <sup>2</sup>	ILI; secondary bacterial pneumonia in some severe cases	All mild ILI	Most ILI; some diarrhoea; some cases had cough without fever	ILI; 3 (11%) of 28 had diarrhoea or gastrointestinal symptoms
Factors predisposing to severe illness <sup>6</sup>	12 (55%) of 22 hospitalized cases <sup>2</sup>	Some cases in pregnant women	No severe cases	No severe cases	No severe cases
Hospitalization for illness	36 (9%) of 399 confirmed cases <sup>2</sup>	~2,000 cases (many not confirmed)	0	1 (0.7%) of 140 confirmed cases	0
Community level spread	yes	yes	no	no	no
M:F ratio	51:49 <sup>4</sup>	~50:50	47:53	~50:50	Slightly >50% of cases female



**Countries Reporting Human- To – Human Cases of Confirmed Influenza A (H1N1)**

Country	Updated as of May 23, 2009 at 8 am	
	Total Human to Human Cases Reported	Total Number of Cases Reported in the Country
Australia	1	12
Belgium	3	7
Canada	** Yes	719
Germany	4	17
Italy	1	14
Japan	** Yes	294
Mexico	** Yes	3892
South Korea	1	3
Spain	30	126
United Kingdom	73	117
USA	** Yes	6552
<b>Total Cases Globally</b>		<b>11993</b>

*\*\* Yes : Human-to-Human Transmission is established but the exact number is unknown yet  
The only thing certain about influenza viruses is that nothing is certain.*



# Situation in Malaysia

Since 26 April till 26 May 2009 @ 11.00 am

- **Total of cases under investigation: = 250 persons**
  - **2 confirmed cases Influenza A(H1N1)**
  - **Malaysia students studying USA**
  - **Arrived 13 Mac 2009**
  - **Treated at HSB & HPP**
  - **Imported cases**
  - **No local transmission**



# **Actions Taken by Ministry of Health**

- **Operations Room activated since 26 April 2009**
- **Enhance surveillance at all levels of health facilities**
- **28 designated hospitals ready to receive cases (168 rooms with negative pressure)**
- **All Clinical Specimens to IMR (BSL3)**



# **Actions Taken by Ministry of Health**

- **Health Screening on arrival at International Ports of Entry (airport, land & seaport) from affected countries since 27 April 2009**
  - **Total travellers screened = 200,959**
  - **Total health declaration form distributed = 196,560**
  - **Total health alert card distributed = 196,560**
  - **Thermal scanner = 20**
  
- **Good cooperation from Immigration Department**





# Actions Taken by Ministry of Health

- **Case notification**
- **Case investigation**
- **Quarantine**
  - **222 persons – associated with 2 cases in Malaysia (family, MH091 & AK 5358)**
  - **6 persons – close contact of confirmed Case( HK, China, Taiwan)**



# Actions Taken by Ministry of Health

- **Antiviral stockpile readily available**  
(2 million treatment packs)
- **PPE stockpile**
  - Readily available
  - 500,000sets



# **Actions Taken by Ministry of Health**

- **Development of guidelines**
  
- **Development & distribution of health education material**
  - **hand & good personal hygiene**
  - **cough etiquette**
  - **current facts regarding the disease & pandemic**
  - **travel advisories**
  - **other FAQs**



# **Actions Taken by Ministry of Health**

- **Risk communication**
  - **Health advise to public**
  - **Health talks to public**
  - **Briefing to all State Health Director, Hospital Director, ID Physician, State Epidemiology Officer, medical associations**
  - **MOH-KPK Daily press statement**
  - **Hotlines = 1,561      Emails = 51**



# Actions Taken by Ministry of Health

- `Seasonal Influenza, SH' vaccination
  - for frontliners (Health and Non-Health)
  - Started 8 May 2009, Completed End May 2009
  - Coordinated by PKD.

MOH	25,420
PDRM	15,137
JPA3	1,156
Bomba	4,334
Immigration	1,396
JPV	282
ATM	18
Others	1350
Total	49,093



# Issues

- **People under Quarantine**
  - **Malaysian/Non Malaysian**
  - **Welfare/lost of income.**
  - **Cancellation fees (Air ticket)**
- **Availability Flight manifest – soft copy/hard copy**
- **Distribution of Health Declaration Form.**
- **Health Screening traveller from affected countries**
- **Placement of additional Thermo-scanners.**



# THANK YOU

