



## Yogyakarta and Central Java Earthquake

### Summary

- WHO is the lead agency of the Health Cluster, and has moved its operations centre to the provincial health office in Yogyakarta.
- Psychosocial assessment will start on Monday 5 June using WHO instruments.
- Coordination for medical and surgical services needs strengthening. Reports from the health cluster meeting in Yogyakarta indicate that some hospitals are still overloaded.
- WHO is requested to mobilize around US\$ 58 000 for immunisation coverage.
- A WHO consultant for clinical waste management has been requested.

### Background

An earthquake, magnitude 6.2 on the Richter scale (according to the US Geological survey), struck the Indonesian provinces of Yogyakarta and Central Java on 27 May 2006 at 5.54 am. The epicentre was 15 - 20 km southwest of Yogyakarta (17.1 km/10.6 miles depth). The earthquake was felt for 57 seconds. More than 5 500 people have died in the earthquake, an estimated 58 790 are injured, over 60 000 houses have been completely destroyed and over 300 000 damaged. An estimated 200 000 to 650 000 are left homeless.

### Current Situation

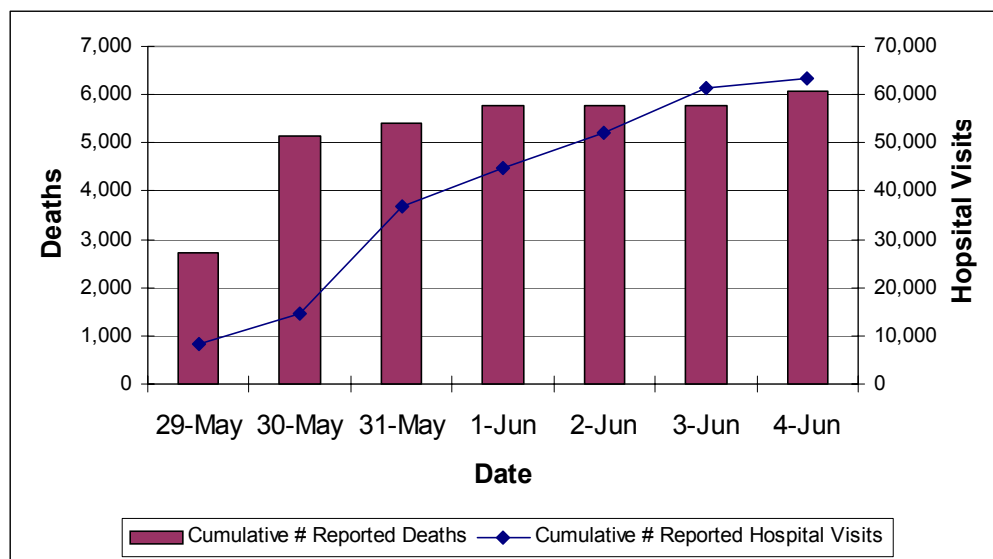
A UN Coordination meeting held 04 June in Yogyakarta reports 5 481 deaths (with a range of estimates from 4 962 to 6 234), 21 924 serious injuries, 33 817 light injuries, and 17 955 as the total number of hospitalized patients.

#### Number of Dead and Injured (Ministry of Health)

Location	Death	Number of Injured	
		Inpatient	Outpatient
Yogyakarta Province	4 856	14 853	17 410
Central Java Province	1 204	25 987	5 044
Patients in Jakarta	-	8	3
<b>Total</b>	<b>6 060</b>	<b>22 462</b>	<b>40 843</b>

Initial data indicates hospitals and field hospitals have performed over 2 512 surgeries. An unknown number are on the waiting list for surgery.

**Casualty Summary to Date**



Source: DepKes (Ministry of Health) Indonesia Daily Reports

**Damage to Health Facilities**

Location	Community Health Centre (Puskesmas)	Integrated Health Post (Pustu)	Government Residences for Health Staff
Yogyakarta City	18	11	-
Bantul District	26	56	71
Klaten District	14	53	-

**One Hospital in Bantul suffered severe damage**

Health Centres and Hospitals in Bantul



*Internally Displaced People in temporary camps*

34 331 internally displaced persons are reported in 99 temporary camps in Yogyakarta province. Data on the age composition of IDPs is incomplete. Most of the displaced are reported to be living in makeshift shelters.

*Health Facilities*

As reported by the Ministry of Health, patients have received treatment from 48 hospitals, plus field hospitals, health centres, and mobile clinics. There are currently 10 field hospitals in operation in Bantul and 4 field hospitals in operation in Klaten.

Health Staff Assistance for Yoyakarta-Central Java Earthquake		
Staff	Number	
	Indonesian	Foreign
<b>Medical Staff</b>		
<b>Specialist</b>		
Orthopaedic surgeons	45	0
Other surgeons	107	0
Anesthetists	34	0
Other Specialists	42	1
<b>General Practitioners</b>	187	20
<b>Paramedic Staff</b>		
<b>Total</b>	1150	39
<b>Others</b>	125	66



<b>Total Number of Health Staff</b>	<b>1816</b>
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## *Health Sector Initiatives*

### *Pre-Hospital and Hospital Services*

IOM has been providing ambulance services to bring patients discharged from the hospitals to their respective communities.

### *Immunisation Coverage*

The subgroup on immunization met to discuss rolling out the immunization drive. WHO and UNICEF have been working closely with NGOs to support government efforts. Immunization coverage pre-disaster was good. The target for the measles immunization will be for 6 months to 5 years of age. There will also be a tetanus vaccination to cover adults. Five NGOs are working to support these activities.

### *Nutrition*

Zinc supplementation used as adjunct for treatment of diarrhoea will be provided through the government.

### *Communicable Disease Control*

No outbreaks of infectious diseases have been reported. A previously reported case of measles, upon investigation, was actually negative. A CDC sub-group meeting will be held Monday 05 June at 9:00 am in the Provincial Health Office.

### *Water and Sanitation*

Water trucks are providing 234 000 litres per day for a total of 16 000 persons supplied per day. Training will be conducted on household water treatment.

### *Psychosocial Services*

The provincial health office will monitor suicide trends in the area together with district health offices. Klaten Mental Hospital together with Solo Mental Hospital and local university will start a rapid assessment of mental health needs on Monday, 05 June.

### *Surveillance*

Surveillance is being carried out by the Provincial Health Department. Reporting forms have been posted on the health department website. Details are likely to be available by tomorrow.

## **Priority Needs & Challenges**

- There is a need to look into the provision of nursing services for the post surgery patients especially those who have been discharged.
- Coordination for medical and surgical services have to be strengthened because there were some reports during the health cluster meeting in Yogyakarta that



- some hospitals are still overloaded. There may be a need to have a government liaison officer for this to facilitate work of international medical/surgical teams.
- A hospital and health services subgroup of the health cluster has been formed to discuss coordination and planning priorities.
  - The provincial health office is having difficulties monitoring all the psychosocial health interventions being done.
  - WHO is requested to mobilize the additional funds for immunisation coverage.

## **WHO Action**

### *Health Coordination*

WHO is the lead agency of the Health Cluster. The last meeting was conducted on 3 June with the government chairing the meeting and co-facilitated by WHO. Around 60 agencies participated in the meeting. Sub-groups for the Health Cluster are: Emergency Health Information and Supply Management; Immunization; Mental Health; Reproductive Health and MCH; Surveillance; and Hospital and Medical Services. The operations room has been transferred to the Provincial Health Office.

### *Psychosocial Services*

Regular meetings have been conducted to discuss psychosocial services needs. An assessment is being conducting using the WHO instrument and the results should be available within a week.

### *Water and Sanitation*

WHO has been requested to provide technical support in the field of clinical waste management. A WHO consultant on water quality and sanitation in consultation with the director general of the Department of Environmental Health, Government of Indonesia, after visiting the worst affected areas, is developing a road map to address issues relating to water quality and sanitation. The plan will be available within the next few days.

### *Immunisation Coverage*

It has been estimated that this coverage will cost around US\$ 83 000, out of which, US\$ 25 000 is expected to be met by UNICEF. WHO is requested to mobilize the additional funds.