



## Earthquake in Padang, West Sumatra Province, Republic of Indonesia

### HIGH LIGHTS

- On 30 September 2009, a strong earthquake registering 7.6 Richter scale, depth 71 km under the sea level southwest Pariaman, struck off the coast of Padang in West Sumatra at 17:16 pm local time, and followed by aftershock 6.2 RS.
- Data from the Crisis Center- MoH reported 776 dead, and 788 people suffered from major injuries, 2,727 suffered from minor injuries, 343 missing and 3,223 are internally displaced.
- 77,441 buildings are heavily damaged, 19,421 moderately damaged and 14,353 slightly damaged.
- 29 hospitals, 81 community health center (Puskesmas), 184 Supporting Community Health Center (Pustu), 48 Village Clinic (Polindes), 5 official building, 14 official houses and 2 pharmaceutical warehouse collapsed.
- 256 inpatients and 17,347 outpatients treated in 15 hospitals in 7 districts.
- More than 1,139 health workers have been deployed by MOH to the affected sites.
- WHO has raised US\$ 175,000 through the SEARHEF to support the operational of field hospital.
- The Ministry of Health set-up the coordinating post (office) for West Sumatera Earthquake recovery efforts. The office will be in Prof. Dr. Hasan Basri Saanin Mental Hospital in Jl. Raya Ulu Gadut, Pauh, Padang. The team will be headed in turns by Echelon 1. There will be 6 teams: facts investigator, environmental health, damage surveyor, surveillance, health care, and logistics.
- The Health Minister has issued a new decree on formation of integrated coordinating team in Padang.
- WHO-MOH and Partner Agencies strategizing field operation support to fill gaps in Padang City for all affected districts. WHO facilitate the PHO to set-up information room, field hospitals, integrated mobile clinics and mobile team, and activated the EWARS.



**Caption:**

The Health Minister and President SBY visiting the field hospital in Padang City and setting up integrated mobile teams



**Caption:**

International Search and Rescue Team help to evacuate victims during the emergency relief phase in Padang and Pariaman



## Casualties

Total numbers of casualties are 7,857 people, which details as follows:

Dead : 776  
Major Injured : 788  
Minor Injured : 2,727  
Missing : 343  
IDPs : 3,223

Note: The IDPs location in Agam District scattered in 3 spots which are: Sungai Batang & Sungai Tapang, Tanjung Nagari and Malalak Sub-Districts.

## Damaged Houses and Infrastructure

Total numbers of damaged houses and infrastructures are: 111,225 houses. 77,433 severely damaged, 19,431 moderately damaged, and 14,361 slightly damaged.

## Damaged Health Facilities

Total of 363 health facilities damaged, consisted of 29 hospitals, 81 puskesmas, 184 pustu, 48 Polindes, 2 pharmaceutical warehouses, 5 official buildings, and 14 official houses.

## Inpatients

Numbers of inpatients treated in 15 hospitals are 256 people. The cumulative number is 780, while 346 having surgery, 99 having surgery using the plate screw. There was 1 tetanus case which being treated in M. Djamil Hospital at the moment.

## Outpatients

Numbers of outpatients treated in Health post, Puskesmas, Mobile clinics, hospitals and field hospitals are 17,347 patients. The cases are mostly dominated by acute respiratory track infection (ISPA), skin disease and diarrhea which shows an increasing numbers.

## Health Workers deployed to the Affected Site

### A. International Partners

1. JICA-Japan : 2 people
  2. Medical Emergency Rescue Committee: 11 people
  3. Malaysian Relief Agency (MRA) : 6 people
  4. Medicine Du Monde – France : 6 people
  5. HWA International : 1 people
  6. Australian Army : 10 people
  7. HET : 9 people
  8. International Medicine Corps (IMC)- America : 4 people
  9. Medical Team Singapore : 40 people
  10. Air Mobile Hospital – Russia: 30 people
- (Total of: 119 people)**

### B. Central Government Institution

1. Ministry of Health: 29 people
  2. Medical Service-National Army: 123 people
  3. Health Service-National Army: 39 people
  4. KRI Dr. Soeharso: 64 people
  5. Police Department: 52 people
- (Total of: 207 people)**



## C. Local Government Institution

1. RCC North Sumatra: 34 people
2. RCC South Sumatra: 34 people
3. M. Husein Hospital-Palembang: 8 people
4. RCC Jakarta: 34 people
5. RCC South Sulawesi: 7 people
6. Sub RCC West Sumatra: 8 people
7. DHO Jambi: 13 people
8. PHO Bengkulu: 15 people
9. DHO Komering Ulu: 13 people
10. Dr. Soetomo Hospital: 16 people
11. Hasan Sadikin Hospital: 3 people
12. Dr. Sardjito: 4 people
13. Solok Hospital: 5 people
14. KKP Padang : 6 people
15. DHO. Sijunjung : 31 people
16. DHO Sawahlunto : 50 people
17. Disaster Management Team Sijunjung : 70 people
18. DHO Solok : 23 people
19. DHO Dharmasraya : 2 people
20. Local Government of Dharmasraya : 11 people
21. DHO Musi Rawas ; 8 people
22. Sungai Dareh Hospital: 11 people
23. Arifin Achmad Hospital, Riau : 23 people
24. Sawahlunto : 25 people
25. Dr Hanifah Batusangkar Hospital: 9 people
26. Puskesmas Sungai Lasi Solok : 8 people
27. DHO Solok Selatan :16 people
28. DHO Rejang Lebong : 14 people
29. Kuantan Singingi Hospital: 17 people
30. Sragen District; 29 people
31. Solok District : 8 people
32. DHO Kota Batam : 15 people
33. KKP Pekanbaru ; 10 people
34. KKP Tembilahan : 8 people
35. Bungo Jambi District : 14 people
36. BPFK Medan : 6 people
37. KKP Dumai : 2 people
38. DHO Deli Serdang : 8 people
39. DHO Depok : 8 people

**(Total of: 387 people)**

## D. Private Sector

1. Kartini Bekasi Hospital: 1 person
2. Muhammadiyah Palembang Hospital: 10 person
3. Muhammadiyah Central Java Hospital: 7 person
4. Biofarma-Bandung: 2 person
5. Yarsi University: 30 person
6. Triduna Yarsi University: 20 person
7. Bumi Waras Hospitals: 7 person

**(Total of: 77 people)**



**Caption:**  
Head of Crisis Center-MOH on damaged health facility assessment in M. Jamil Hospital-Padang



## E. National NGOs

1. Indonesian Medical Doctor Association: 2 person
  2. ESMI: 10 person
  3. Lima Roti Dua Ikan Foundation: 8 person
  4. Medgo-South Sumatra: 56 person
  5. Laktasi Siaga Bencana: 2 person
  6. PP PON?: 2 person
  7. PP IDAI Task Force: 13 person
- (Total of: 93 people)**

## Needs

- DHO Pesisir Selatan needs: 400 tents, 500 boxes of baby-food for children and pregnant woman, 600 blankets and 400 anti-malaria bed net.
- Patients need 91 wheel chairs, 17 prosthetic, 141 adult and pediatrician crutch.
- PHO West Sumatra needs 20 N20 tube, 20 oxygen tubes, 125 sheets of apron to be distributed to M. Djamil, Siti Rahma and Yos Sudarso Hospital.
- Dr. Suharso needs 20 units of crutch.
- Padang Pariaman Hospital needs: 2 anesthetic machines, 2 multifunction bedside monitor, 5 portable pulse oxymeter, 2 set of laryngoscope.
- Kesdam Padang Hospital needs: 4 units of bedside monitor, 2 ventilators, 1 X-ray Machine 500 Ma, and 2 set of laryngoscope.
- Dr. Reksodiwiry Hospital needs:
  - 4 units of patients monitor
  - 1 unit of cauter 300 watt
  - 2 units of ventilators
  - 2 units of DC shock
  - 500 mA X-ray Equipment
  - 2 units autoclave
  - 2 units of Portable sterilizer
  - Orthopedic unit 2 sets
  - Ultrasound unit 1
  - 1 unit 3-channel ECG
  - 4 units of bed-side monitor
  - 1 unit of anesthesia apparatus
  - 1 unit of ambulance
  - 2 units of operating table
  - 2 units of suction pump
  - 1 unit of operating lamps (5 balls)
- M. Jamil Hospital need:
  - 2 Electro surgery unit
  - 5 rectangular large tromol
  - 1 sterilizer
  - 1 orthopedic saw
  - 7 mobile suction machine
  - 7 bed side monitor
  - 6 EKG
  - 8 oxygen transfer
  - 4 mobile examination lamp
  - 9 wall humidifier flow meter suction
  - 9 wall humidifier flow meter (Oxygen)



**Caption:**  
Victim identification by health workers

- Infant scale
- Adult Scale
- USG 4D
- Stethoscope
- Scatter electric
- Light curing
- Dry sterilizer
- Digital blood pressure
- Autopsy set
- Head Lamp
- Wheel chair



- Sphygmomanometer
- X-Ray viewer/Illuminator
- Oscopes

## Response

### EHA-WHO and Crisis Center – Ministry of Health

- a. Victim evacuation
- b. Providing health service in Health Post, Puskesmas, Hospital and mobile clinic
- c. On 5<sup>th</sup> October 2009, MOH established the coordination post located in PHO Office, Jalan Perintis Kemerdekaan No.65 A, Padang, headed by the MOH echelon 1 officer. The post has 8 integrated mobile teams and implementer teams consist of: investigator, environmental health, surveyor, surveillance officer, health service, and logistic team. MOH plan to set-up additional teams as needed.
- d. MoH launched new decree on Integrated Earthquake Management Team for West Sumatra (SK Kepmenkes No. 879/Menkes/SK/X/2009)
- e. Conducting the communicable disease control and environmental health activity. Detail as follows:
  1. Conduct disinfectant spray in Padang City and West Padang covering 320 spots.
  2. Conduct the intensive counseling for the community.
  3. Conduct surveillance activity for potential disease outbreak
  4. Socialization of rapid water purification in 3 locations in Padang City.
  5. TT vaccination for 119 volunteers and 138 health workers
- f. Since 1<sup>st</sup> October 2009 MOH providing the operational fund and logistic support to the affected site. Detail as follows:
  1. Sub-RCC West Sumatra: established the field hospital in Djamil Hospital to support health services and providing 1 tent.
  2. RCC North Sumatra: provide 1 package of medicines, 100 body bags and 30 boxes baby food, 10 boxes masks, 3 oxygen tube, 10 banner using 3 units of ambulances and 1 operational car.
  3. RCC South Sumatra: Providing medicines, 60 boxes of baby food, and 20 body bags using 1 unit of ambulance, 1 mobile clinic and 2 operational cars.
  4. PHO Bengkulu: providing medicines using 3 ambulances.
  5. Medical Service Unit-National Army: providing 1 tent for field health services with medicines package and equipment.
  6. PHO Riau providing 10 oxygen tubes, and 5 N2O tubes to Siti Rahmah Hospital.
  7. Coca Cola Indonesia Company provide 50,000 bottles mineral waters for M. Jamil Hospital and Pariaman Local Hospital, provide 2 units of 500 KVA generator.
- g. Mobilized 1,230 health workers to the affected sites, consist of: 10 RHA staffs, 372 medical staffs, 267 paramedics, 43 public health staffs, 22 pharmacist, 52 DVI staff, and 464 supporting staffs.
- h. Placing health assistance from US, Singapore, Malaysia, Russia, Belgium, Czech, Spain, Canada, Jordan and Japan.
- i. MoH providing assistance on :
  1. Operational funds IDR 200 million (US\$ 20,000)
  2. 3 tones of medicines and TAS 2,500 vial
  3. distributed 1,200 body bags
  4. distributed 15 tones of baby food
  5. distributed 350 portable emergency bed
  6. distributed medical equipments and provide medical services
  7. distributed the equipments for communicable disease control
  8. Mobilize the health staff resources to affected sites



9. Set-up field hospital in collaboration with International partners.
10. provide daily food for health staffs working in the affected areas
11. Distributed 50,000 bottles of mineral water.

## Update on Health Cluster Coordination Meeting (08 October 2009)

- The health Cluster Meeting was conducted daily at 17:00 pm in the Provincial Health Office.
- Attended by 25 participants from HOPE worldwide, Australia Defense Force, Hilfswerk Austria International, MDM, ACF, ECHO, IBU Foundation, UNDAC, IOM, US Consulate Medan, Singapore Armed Forces, AusAID, NICCO, ADRA Indonesia, UNFPA and ASB.
- Ministry of Health declare that no more medical personnel and basic medical kit/medicine needed, except surgical instrument such as pens and consumable surgical equipments, tent for inpatients and portable closet.
- Psychosocial & Mental Health, Reproductive Health sub-clusters established.
- Immunization, Disease Control and Surveillance will be established soon, as well as WASH and nutrition sub-clusters.
- 16 staffs of MOH and PHO (mobile team) went to Pariaman District for Rapid Assessment, led by Dr. Lucky Tjahjono.
- 7 Information Officers from MOH will be assigned in 7 District Health Office to set-up the information room.
- 10 integrated mobile clinics deployed for land assessment, and operational plan for air assessment (supported by US Military) had been discussed, planed to do the air assessment in 7 districts.
- M. Djamil Hospital set-up the information and coordination room and 1 focal person had been assigned.

**Table showing the activities of Health Cluster members**

No	Who	What	Where
1	WHO	work collaboratively with Crisis Center, Ministry of Health to establish health operational command center and information room in Provincial Health Office and act as liason officer between goverment of Indonesia with international aid	Provincial Health Office, West Sumatera Office
2	Singapore ARMED FORCES	Field Hospital establishment,with the capacity of 5 docters and 2 orthopedics	Pariaman City
3	ASB	operating one mobile clinic and providing clean water supply	Padang City
4	MDM	prepare to operating one mobile clinic	Padang City
5	AUS.Defence Force	prepare to operating field hospital Rescue and Evacuation Process	Padang City
6	UNFPA	rapid health assessment in seven community health centers (Puskesmas)	Padang City
7	IBU Foundation	sending volunteers to do health assessment and prepare 1 mobile clinic	Pesisir Selatan District, Padang Sago and Koto Dalam SubDistrict in Pariaman District
8	French Government	prepare to operating field hospital	Pariaman City
9	Russian ARMY	prepare to operating field hospital	Padang Pariaman District
10	US Government	prepare to operating field hospital	Padang City



11	JICA	prepare to operating field hospital	Pariaman City
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### Status of International Aid

President and the Government of Indonesia welcoming international assistance and support in their relief effort through the close collaboration with the local government.

### Important Contact for Rapid Health Assessment Team and Health Sector Coordination

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### Source of Information from Indonesia

Information is gathered from the following sources. This report is for reference only and should not be quoted as factual accuracy can change.

1. WHO
2. Crisis Center (PPK), MoH
3. UN System
4. BNPB
5. Local and international news media