



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 1,117 dead, and 788 people suffered from major injuries, 2,727 suffered from minor injuries.
- 135,299 buildings are severely damaged, 165,306 moderately damaged and 78,596 slightly damaged.
- 10 hospitals, 53 community health center (Puskesmas), 137 Supporting Community Health Center (Pustu), 15 Village Clinic (Polindes), 6 official building, 69 official houses and 2 pharmaceutical warehouse collapsed.
- 563 inpatients and 32,832 outpatients treated in 15 hospitals in 7 districts.
- More than 4,810 health workers have been deployed by MOH to the affected sites.
- The health cluster was activated in Padang on 2 October. The meetings are held at the joint PHO/WHO office. Health Cluster Coordination Meeting in Jakarta composed of counterparts of various organizations present in Padang was also activated and meets regularly for information sharing. There are currently 51 organizations actively participating in the cluster coordination and activities such as:
 - Assessments of health situation and health facilities in affected districts
 - Early warning and surveillance
 - Provision of medical supplies
 - Restoration of function of health facilities
 - Referrals and mobile clinics
- Cumulated notifyable diseases according to EWARS reported, tested, treated and controlled so far are Watery diarrhea (149), Measles (5), ARI (584), and Tetanus (1).
- On Thursday the 29th of October (7.30 pm) there will be a coordination meeting for district health recovery plan and implementation of information system for the District Health Office at the UN house in Padang.

Caption:

Damaged Community Health Center Padang Pasir (source: WHO).

Caption:

Damaged house in Padang (source: WHO).



Casualties

No	District / Municipality	Dead	Major Injury	Minor Injury	IDP
1	Kota Padang	313	412	1.690	-
2	Kab. Agam	80	82	40	-
3	Kab. Pesisir Selatan	9	8	5	-
4	Kab. Pasaman	-	-	23	-
5	Kota Pariaman	32	102	-	-
6	Kab Padang Pariaman	675	175	540	-
7	Kab. Solok	-	1	-	-
8	Kota Solok	3	-	4	-
9	Kota Padang Panjang	-	-	15	-
10	Kota Bukit Tinggi	-	4	-	-
11	Kab. Pasaman Barat	5	4	410	-
	Total	1.117	788	2.727	0

Damaged Houses and Infrastructure

No	District / Municipality	Level of Damaged			
		Severely Damaged	Moderately Damaged	Slightly Damaged	Total Number
1	Kota Padang	37.503	38.451	40.404	116.358
2	Kab. Agam	12.634	3.653	4.285	20.572
3	Kab. Pesisir Selatan	3.173	5.418	11.388	19.979
4	Kab. tanah Datar	29	118	108	255
5	Kab. Pasaman	171	-	920	1.091
6	Kota Pariaman	8.319	1.639	13.378	23.336
7	Kab Padang Pariaman	70.133	12.630	4.642	87.405
8	Kab. Solok	145	243	357	745
9	Kota Padang Panjang	23	180	412	615
10	Kota Bukit Tinggi	-	-	50	50
11	Kab. Pasaman Barat	3.169	2.974	2.652	8.795
	Total	135.299	65.306	78.596	279.201

Damaged Health Facilities

No	District	Damaged Health Facilities							
		Hospital	Puskesmas	Pustu	Official Building	Polindes	Pharmaceutical Warehouse	Official Houses	Total
1	Padang	7	19	38	2	0	0	2	68
2	Agam	1	2	17	1	0	1	4	26
3	Pesisir Selatan	1	6	11	1	4	0	3	26
4	Tanah Datar	0	1	0	0	0	0	0	1
5	Pariaman	0	5	5	1	11	1	4	27
6	Padang Pariaman	0	18	62	0	0	0	56	136
7	Padang Panjang	1	1	2	1	0	0	0	5
8	Pasaman Barat	0	1	2	0	0	0	0	3
	Total	10	53	137	6	15	2	69	292



Inpatients

No	Name of Hospitals	Number of Patients			
		Surgery	Surgery Using Plate Screw	Inpatients	Tetanus Case
A Kota Padang					
1	RS M. Jamil	120	-	12	-
2	RS Yos Sudarso	47	19	3	1
3	RS St Rahma	70	40	23	-
4	RS Yarsi Ibnu Sina	5	-	-	-
5	RST Reksodiwiryo	104	36	22	-
6	RSUD Sei Sapih	13	-	9	-
7	RS KRI Dr Suharso	25	15	-	-
B Kota Pariaman					
1	RS Lap Yonkes TNI	-	-	1	-
2	RSUD Pariaman	167	-	71	-
C Kota Bukit Tinggi					
1	RSU Ahmad Muchtar	4	6	2	-
D Kota Padang Panjang					
1	RSU Padang Panjang	3	2	2	-
E Kab. Agam					
1	RSU Lubuk Basung	4	5	7	-
F Kota Jakarta					
2	RS Pertamina	1	-	1	-
Total		563	123	153	1

Outpatients

No	Name of Hospitals	Health Workers	Cumulative Patients	
			Number of Patients	Referred
A Kota Padang				
1	Reksodiwiryo Hospital	Indonesian Army	387	-
2	Dr Soeharso Hospital	Indonesian Army	1.270	-
3	Health Post and Field Hospital	20 NGO teams	7.216	
B Kota Pariaman				
1	Pariaman Field Hospital	Indonesian Army	5.031	-
2	Pariaman Hospital	Medical Team Singapore	171	-
3	Yarsi Ibnu Sina Hospital		92	-
4	Health Post and Field Hospital	13 government teams and 25 NGO teams NGO	1.553	
C Kab. Padang Pariaman				
1	Health Post and Field Hospital	65 NGO teams	150	1
D Kab. Pesisir Selatan				
1	Puskesmas	PHO Pesisir Selatan	112	-



No	Name of Hospitals	Health Workers	Cumulative Patients	
			Number of Patients	Referred
2	Health Post and Field Hospital	3 NGO teams	209	
E	Kab. Padang Panjang			
1	Padang Panjang Hospital		5	1
F	Kab. Agam			
1	9 Puskesmas	PHO Agam	14.176	-
2	9 NGO teams		2.460	-
	TOTAL		32.832	2

Diseases by Districts

6-27.10.09	Diarrhea	Measles	Dengue	Malaria	Upper Track Respiratory Infection	Pneumonia	Tetanus	Hepatitis
Padang	1.995	19	63	5	10.693	38	0	6
Pariaman City	793	7	0	0	3.890	7	1	0
Padang Pariaman	1.337	13	1	0	6.400	9	0	0
South Pesisir	194	1	15	2	918	10	0	0
Agam	1084	0	0	1	7.385	2	0	
Total	991.416	40	79	8	946.368	66	1	6

Immunization Coverage

Padang	Pariaman City	Padang Pariaman	Agam	Total number of coverage
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12-22.10.09	Tetanus	Measles	Tetanus	Measles	Tetanus	Measles	Tetanus	Measles	Tetanus	Measles
Total Number	1567	0	3.155	3209	2.660	271	1663	1661	9.045	5.141



Caption:

Provision of TT vaccination in Padang (source: WHO).



Health Sector/Cluster Coordination

53 International Organizations registered and participate actively	
5 SubCluster:	
1.	Immunization & EWARS
2.	Psychosocial & Mental Health (MHPSS) Meeting: Every Friday at 9.30 at the PHO
3.	Mobile Clinic, Injury Surveillance & Rehabilitation
4.	Nutrition, Maternal, Child and Reproductive Health
5.	Health Facility Support & Environmental Health

Needs

1.	Based on facility assessment and recovery plan support for health sector is needed (structural & functional)
2.	Simultaneous support of continuous functioning of health facilities & incorporating recovery and reconstruction planning, including medical supplies, human resources and on-structural key components such as water (e.g. water quality surveillance; supply of safe water) & sanitation, ventilation and solid waste management
3.	Support of integrated mobile team for health under the umbrella of the joint coordination of the MoH, Provincial Health Office and health cluster members, including referral systems and close follow-up of patients especially the injured
4.	Maintaining the epidemiologic surveillance and reporting and strengthened early warning system for various diseases and disease prevention and control measures as appropriate
5.	Provision of specialized care for the injured and long term physical rehabilitation
6.	Provision of psychosocial support and mental health services
7.	Provision of safe water systems for hospitals and clinics, water quality surveillance and solid waste management for health facilities
8.	PHO & DHO need support for capacity building of health staff, mobilization of resources & supporting its operational plans for at least one year -> ideally for the whole province
9.	As a short and medium term plan, support is needed to build make shift health facilities as well as retrofitting and mitigation for damaged health facilities

Response

EHA-WHO and Crisis Center – Ministry of Health

1.	WHO has been supporting MoH/PHO/DHO and Hospital for emergency operation using \$179,000 mobilized from SEARHEF
2.	MoH launched new decree on Integrated Earthquake Management Team for West Sumatra (SK Kepmenkes No. 879/Menkes/SK/X/2009
2.	Conducting the communicable disease control and environmental health activity. Detail as follows: <ul style="list-style-type: none"> - Fogging in 400 houses. - Water purification, distributing water treatment and aquatab. - Distributing 58 packages of Hygiene Kit to Pesisir Selatan District, and 20 packages to Pasaman Barat. - Conducting surveillance activity towards the potential disease outbreaks such as diarrhea, measles, dengue, malaria, Upper Respiratory Track Infection, Pneumonia, AI suspect case,



	<p>hepatitis, and tetanus.</p> <ul style="list-style-type: none"> - TT vaccination for the community aged ranging from 15-60 years old. Number of 5,522 people had been vaccinated. (Padang City: 2,596 people, Padang Pariaman: 1,042, Pariaman: 1,207, Agam: 677 people). - Measles immunization with the cumulative result: 2,123 people (Padang Pariaman: 15, Pariaman: 1,202, Agam: 906 people). - Cold chain Assessment in Puskesmas, with results as follows: 54 units damaged (Padang: 7 unit, Pariaman: 6 unit, Padang Pariaman: 21 unit, Agam: 15 unit and Pesisir Selatan: 5 unit).
3.	Measles, Vitamin A and TT campaign on going in 6 affected districts with the collaboration with MOH, PHO, WHO and UNICEF.
4.	<p>Since 1st October 2009 Crisis Center-MOH provided the operational funds and logistic support to the affected areas.</p> <ul style="list-style-type: none"> - MOH deployed more than 4,810 health workers consists of: 722 medical team, 3,162 paramedic, 274 public health officer, 652 supporting staff.
5.	Emergency Strategic Operational Plan has been established & Recovery Plan will take over by 1st November
6.	Health facility assessment is planned to be finished by end of October
7.	WHO will have a total of 8 staff in Padang and 6 in each district to support coordination & information management of partner agencies, MOH, PHO and DHO
8.	5 water purification plants have been donated from Government of Norway; 3 units are now under installation, 2 in M. Jemil Hospital, Padang and 1 in Agam District Hospital.
9.	5 surgical kits will be distributed to 5 hospitals in November to refill the needs.
10.	Measles, Vitamin A and TT campaign on going in 6 affected districts with the collaboration with MOH, PHO, WHO and UNICEF.
11.	Mobile health service units provide integrated health services in close collaboration with partner agencies and support provided to IDP camps.
12.	Padang Mental Hospital has formed mental health & psychosocial team in cooperation with the Directorate of Mental Health-MOH -> activities in Agam & Padang Pariaman District with plan to extend to other affected districts.
13.	Trauma Centers and mobile teams were operationalized with the supported of 10 INGOs and 4 NGOs -> mapping of psychological status of children in affected areas, capacity building as well as psychology first aid
14.	Water, Sanitation & Waste management and environmental health related activities for health centers, IDP camps and general population on going.
15.	PHO has assigned one focal person, supported by WHO officers, in each district developing District Health Recovery Plans using the same standards and matrix.
16.	Relevant stakeholders of all affected districts will meet on 29 October in PHO to finalize the Provincial Recovery plan.

Response to 3 IDP camps in Agam

<ul style="list-style-type: none"> • The situation appears to be sufficiently managed by the government at the sub-district level with the respective wali nagaris.
<ul style="list-style-type: none"> • The primary issues to monitor are the following: lack of space in the Sungai Batang IDP camp, lack of information passing, e.g. how long will the IDPs staying at the camp and what could be alternative options.
<ul style="list-style-type: none"> • Government supported by additional support provided by NGOs in the area of WASH, Health and Shelter.
<ul style="list-style-type: none"> • Education cluster agreed to provide recreation materials for children in the camps; The WASH cluster will monitor through its membership to determine if anything further is needed; Shelter box provided tents for the camp, but there was no further space available for additional tents.
<ul style="list-style-type: none"> • On Friday the 30 of October will be another meeting to discuss the issues of IDP camps with the



cluster coordinators

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.

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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