

Emergency Situation Report

Earthquake in Nanggroe Aceh Darussalam Province, Indonesia

31 December 2004, Number 6

This report is prepared in cooperation with the center for Health Emergency Preparedness and Response, Ministry of Health and Emergency and Humanitarian Action Section, WHO, Indonesia.

Reference: Earthquake – Nanggroe Aceh Province – 31 December 2004 – Number 6

Reporting date and time

31 December 2004 (Friday) – 14.00 Hrs local time

Type of Emergency

Earthquake followed by tsunami.

Date of emergency incidence

26 December 2004 (Sunday), 07:58 hrs and 08:48 hrs local time. (Indonesia, Western Zone: + 7 GMT), 00:58:50 Coordinated Universal Time (UTC)

Nature of the earth quake and place

Local Meteorology and Geophysics Agency (BMG), Indonesia

- According to BMG, at 07:58 hrs, local time, a great earthquake measuring 6.8 on the Richter scale, epicenter at Hindia Sea, 150 kilometers south of Meulaboh, the West coast of Aceh regency, 2,09° North Latitude and 95,6° East Longitude, depth 20 kilometers under the sea, was measured. The magnitude of intensity was 8 MMI in Meulaboh, 3 MMI in Medan, 2 MMI in Bukit Tinggi, Payakumbuh and Prapat. The earthquake was followed by tsunami in North Coast of Aceh, Sigli, Lhokseumawe, Banda Aceh and Nias districts. The height of the wave was up to 5 meters high
- The second earthquake, at 08:08 hrs local time, measuring 5.9 on the Richter scale at We Island, in West of Sabang Island, was followed by tsunami hit the Sabang Islands and other parts of costal villages in Aceh province. Sabang island is located, one-hour boat ride form capital city of Banda Aceh
- It was noted as the most powerful earthquake so far in Indonesia.
- BMG had warn the possibility of another earthquake and tsunami within the next two three weeks. It is expected that the people around the hazard area to move to safer place.
- 31 December 2004, in the morning, there were 2 shocks in 1.30 A.M, and 06.00 AM

Map

Map showing the Nanggroe Aceh Darussalam Province in Indonesia.





Area affected

Aceh Province in Indonesia

- Capital city Banda Aceh, district of Aceh Barat, Aceh Timur, Aceh Utara, Aceh Besar, Langsa, Pidie, Bireuen, and Lhokseumawe
- Nias District, in North Sumatra

Casualties

Indonesia

Total estimation (at least) : 79,940 killed (according to data from Social Department)

Affected population

- Aceh province has a population of around 4,5 million.
- Total population in districts affected by tsunami are approximately 719,000 (exclude Banda Aceh city), and 328,000 in two district which been isolated (District of Aceh Selatan and Aceh Singkil-southern of Aceh province)
- Estimated 40,000 death in Meulaboh city, capital Aceh Barat district, which mean 90% of population were victims

MOH information

Aceh province

No	Place	Death	Missing
1	Banda Aceh city	15000	
2	East Aceh (aceh Timur)	224	5
3	Lhokseumawe city	157	89
4	Bireun District	594	-
5	Pidie district	1359	-
6	North Aceh district (Aceh Utara)	1540	443
7	Nagan Raya ditrsict	500	700
8	Krueng Mane, Bireuen district	117	-
9	Calang city	5000	-
10	Aceh Jaya district	15000	-
11	Simeulue district	4	-
12	Sabang municipality	12000	-
13	Meulaboh city, Aceh Barat	10200	-
14	Aceh Besar District	14000	-

	Aceh Island	4000	-
	Aceh Selatan (South Aceh) district	6	-
	Total	79701	1237

North Sumatra province

No	Place	Death	Missing
1	Nias District (Sirombu village, Larasatonga Village, Cibarisi village)	227	
2	Pantai Cermin (Cermin Beach)- Serdang Bedagai District	8	3
3	Tapanuli Tengah District (Sibolga)	1	-
4	Adam Malik Hospital	3	-
	Total	239	3

Injuries

- The following table shows number of injured cases attended at different referral hospitals. (up to 30 December 2004 19.30 hrs)

No	Place	Out Patient	In patients	Referral
1	Cut Meutia Hospital, Lhokseumawe	88	108	-
2	Melati Perbaungan Hospital	-	2	-
3	Langsa Hospital	581	1	-
4	Bireun hospital	198	78	60
5	PMI hospital Lhoksemawe	-	157	-
6	Aceh Timur Hospital	193	23	-
7	Simuelue Hospital	42	12	-
8	Calang Hospital	500	-	-
9	Adam Malik Hospital	-	6	110 (Nias) 62 (Banda Aceh)
10	Pringadi hospital	-	20	-
11	Sari Mutiara hospital	-	2	-
12	Brimob Hospital	-	5	-
13	Elisabeth hospital	-	1	-
14	Haji Hospital Medan	-	9	-
	Rumkit	-	10	-
	Pertamina Hospital Jakarta	-	-	1
	Referral from Banda Aceh to hospital in Medan	-	50	-
	Total	1602	484	233

Internally Displaced Person (IDP)

No.	Location	Number of IDPs	Remarks
1	Bireuren district	41783	35 points of camps in Kuala Penaga Village, Aceh Tamiang
2	Langsa	2680	Kuala Langsa Village
3	Aceh Utara District	50020	21 points location
4	Aceh Timur District	13600	23 points location
	Total	108083	-

The Impact on Health Service and Health related facilities.

- Siti Fakinah Hospital is starting to be functioning. Expected by 31 December 2004, will able to receive the patients

Follow up activities encountered as part of the emergency preparedness and response.

Government

- The main focus at the moment is burial of the corpses as it started to decomposed and to avoid the spreading of the diseases
- The central government is taking over the governance in Aceh, and Ministry of Interior had prepared 300 persons to fill the position of the governance structure

MOH

- Coordination meeting in Jakarta chaired by Minister of Health
- Established Field hospital in several areas:

No.	Place	Field Hospital	Supporting Team
1	Banda Aceh	Singapore and Australia Field Hospital	Singapore and Australia medical Team
2	Banda Aceh	Blang Bintang Airport	DKI Jakarta health team
3	Banda Aceh	District Military Health Team	TNI/ Police, team from Jakarta, (dr. Aryono), Team from Makassar (Dr. Idrus), Team from Univ. North Sumatra
4	Sigli	Military Field Hospital	TNI medical team
5	Meulaboh	Military Field Hospital	TNI medical team
6	Aceh Timur (East Aceh)		South Sumatra Medical Team

WHO Indonesia

- 3 staffs (1 international and 2 national staffs) had arrived in Banda Aceh on 30 December 2004, 21.30 hrs after stuck in Medan Airport since morning.
- 31 December 2004, 08.00 hrs the team in Banda Aceh had the meeting with UNICEF and IOM in IOM office in Banda Aceh, and continued with government coordination meeting in Governors office.
- WHO in coordination with MoH had set a mental health team to do the assessment in Aceh by next week, which will follow with the workplan.

International Assistance

1. USA will send 11 helicopter to assist distribution of the logistic and evacuation

Constraints

- Tons of medical supplies and food supplies had piled up in the airport in Banda Aceh and Medan. Distribution of logistic was blocked due to lack of transportation. Most of the car in Banda Aceh were damage and even they are able to move, there was no gasoline and diesel fuel.
- The heavy traffic in the airport had cause the jam for the airplane to land. Especially the lack of management of the passenger in and out Banda Aceh and Medan, caused the cargo flight which brought the logistic supplies had difficulties to be landed.
- The other problem is it takes longer time to unload the logistic supplies that finally disturb the commercial flight schedule.
- Lack of telecommunication line caused difficulties to get the update report regularly.
- The area such as Meulaboh which 90% of the city were swept away still un-accessible due to the damage of the bridges and roads, which caused a delayed evacuation and rescue

Needs

- Doctors, dentist, nurses and others to reactivate the daily work of Dinas Kesehatan since there are only Head of Dinas Kesehatan and 1 head of section left
- The Field hospital established by Jakarta Health Team had treated 200 patient on the first day, and 20 patient as inpatient, but they have only 9 velbeds, so it still need more velbed.
- Antibiotic Injection, Oxygens, masks, gloves, body bag, radio communication set
- Additional doctors, nurses, volunteers, and cooks

Contact persons in Indonesia

The following persons can be contacted if more information is needed.

No	Name	Designation	Organization	Contact phone	Fax	E-mail
1	Dr. Doti Indrasanto	Head of Department	Center for Health Emergency preparedness and Response (PPMK), MOH	0811173712	62-21-5271111	Ppmk02@yahoo.com
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3	Dr. Kyaw Win (Vijay Nath)	Medical Officer	EHA, WHO	0811933 821	62-21-5201164	wink@who.or.id

Source of Information from Indonesia

Information is gathered from the following sources and is not subjected for quotation, as it might not reflect the actual true facts at the field level but can be used as references.

1. PPMK, MOH
2. EHA, WHO
3. UN and INGO Network
4. Local and international news media