

Outbreak Situation Report 10 August 2009

This report has been prepared by the health cluster based on information collected from the MoHP, partners on the ground as well as district officials.

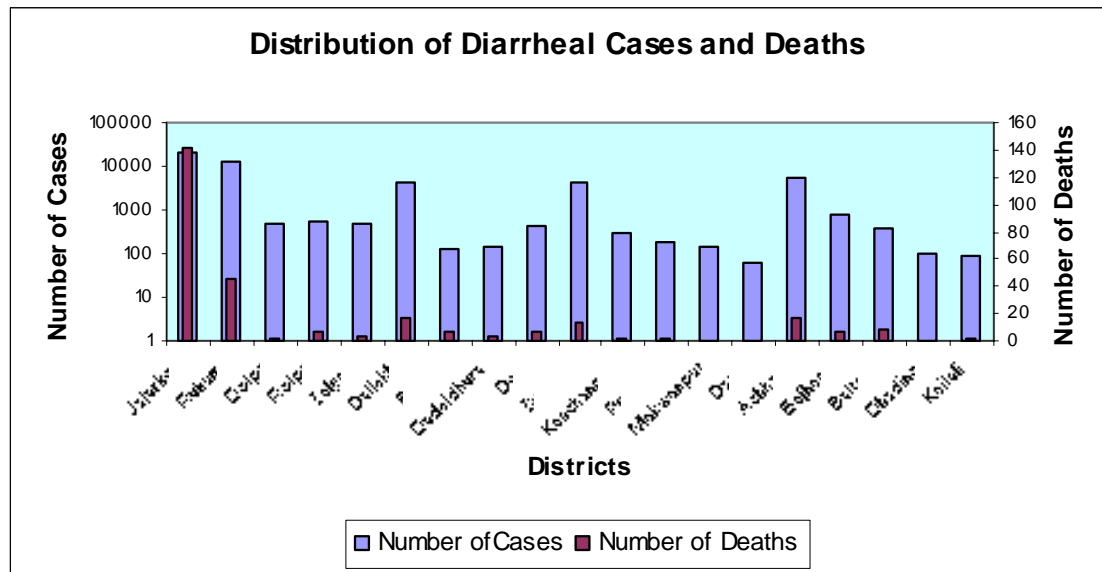
Situation

- As of 10th August 2009, the cumulative number of treated and deaths since 1st May 2009 can be summarized as follows:

District	Affected VDC	No. of Health Camp	No. of Doctors	No. Of Health Workers	No. of People Treated	Death No.
Jajarkot	24	36	23	171	21016	141
Rukum	23	23	8	109	12515	46
Dolpa	6	7	0	11	501	1
Rolpa	7	6	1	13	527	6
Salyan	5	2	1	6	495	3
Dailekh	20	18	5	33	4425	17
Bajura	4	4	0	4	122	6
Dadeldhura	3	2	0	4	151	4
Doti	4	4	0	7	450	6
Surkhet	15	9	0	48	4492	14
Kanchanpur	3	1	0	5	288	1
Pyuthan	3	2	1	7	175	2
Makwanpur	1	1	0	2	137	0
Dang	1	1	0	2	61	0
Achham	13	8	0	18	5310	17
Bajhang	2	1	0	4	757	7
Baitadi	16	2	1	12	400	9
Dhading	1	0	1	5	103	0
Kailali	8	3	0	8	89	2
Total	159	130	41	469	52014	282

- In Jajarkot and Rukum, the two most affected districts, there are currently 36 in Jajarkot and 23 in Rukum.
- There is a significant decreasing trend of mortality due to diarrheal diseases. The weekly trend of diarrheal deaths will be available on next situation update.
- In Dailekh, Surkhet, Achham, and Bajhang 4425, 4492, 5310, and 757 cases and 17, 14, 17 and 7 deaths have been reported respectively.
- Vibrio Cholerae 01 Tor Ogawa and Enterotoxigenic E Coli (LT and ST) have been confirmed in samples from 3 districts: Jajarkot, Rukum and Dhadeldura.
- Based on the findings of laboratory results on Antimicrobiological sensitivity test, the treatment protocol has been updated, shared with the EDCD and sent to the affected districts.
- Additional samples are being tested in National Public Health Laboratory.

- Distribution of Diarrheal Cases and Deaths in affected districts.



NOTE: Number of Deaths is in secondary y axis

Response

Coordination

- The Ministry of Home Affairs, Ministry of Health and Population, and the Ministry of Physical Planning and Works are planning to hold a joint meeting to further streamline the coordination among the different groups. The meeting was planned for last week, but was postponed due to conflicting schedules.

Health

- At the central level, NRCS has formed working team for the AWD issues, comprise of health coordinator as technical leader and supported by the communication and health practitioner of the different departments, DM Department and Procurement Section while Disaster Management Department will be leading entire operation.
- The Lutheran World Federation (LWF) is supporting health workers in Dailekh, Dadeldhura and Surkhet.
- WHO is planning to send a surveillance officer to Surkhet to assist with the surveillance in the region.

Surveillance

- EDCD, MoHP, all District Health Offices and Regional Health Directorates are on high alert to enhance the surveillance activities in order to recognize any unusual events related to diarrheal diseases.
- WHO is assisting EDCD and districts on setting up the surveillance system with the support of partners on the ground.
- Outbreak Medical Officer is in Rukum assisting DHO on surveillance and outbreak management.

- NPHL has sent laboratory technician to Jajarkot for further collection of samples/specimens.

Logistics and Supplies

- WHO has provided 4 additional diarrheal disease kits, 3 to go to the Mid Western Development Region and 1 for the Far Western Development Region.
- Save the Children has handed over 1,512 bottles of Ringer Lactate, drugs for treating 200 persons and 2000 packets of ORS to the DHO of Jajarkot district. The agency has also supported an additional 10,000 packets of ORS to Rukum district and 2,000 ORS packets to Dailekh district.
- LWF has provided 12,000 ORS, 400 health kits, 12,000 aquatabs, and 8,800 soaps each to Dailekh, Surkhet and Dadeldhura.

Response per District (Efforts continue in various districts to respond to the outbreak. Please refer to previous sitreps for an overall picture of the response per district.

- In Jajarkot district, Save the Children has trained and mobilized 567 volunteers for distribution and training on the use of ORS at the household level.
- In Jajarkot district, NRCS chapter has mobilized 18 volunteers for the household level awareness through IEC materials and distributing on-spot ORS and water treatment tablets. The team is also helping the affected families by providing evacuation service for the medical treatment. NRCS district chapter has distributed 100,000 water treatment tablets and 1000 ORS. Similarly, 100 tarpaulins and 100 blankets have been distributed to the health care centers. 50 stretchers kept stand by in regional warehouse Nepaljung. NRCS has assigned two volunteer each for 9 VDC.
- In Sindhuli district, NRCS Kalpabrikshya sub chapter president-Mr. Gobinda Majhi with his team is assisting Kalpbrishya PHC to operate emergency health facilities in the affected area. DP unit (Sahan and Dhamile) functioning under the NRCS supported CBMHRR program has also sent their 9 member team (volunteers) to the affected site to assist the health camp and evacuating people to the health centers for the further treatment. The DP unit will send another lot of volunteers to the affected site with stretchers.
- In Rukum district, NRCS chapter has helped the operational unit (hospitals) to set-up emergency treatment units by providing blankets and tarpaulins..
- In Rukum district, Save the Children has trained and mobilized 819 volunteers for distribution and training on the use of ORS at the household level.
- In Rukum district, the Human Development and Community Services (HDCS) agency is providing medical services in remote villages of Rukum. The medical personnel of the outreach program are deployed from the HDCS-run hospital based in Chaurjhari.
- In Dailekh district, Save the Children has trained and mobilized 441 volunteers for distribution and training on the use of ORS at the household level.
- In Surkhet district, the NRCS chapter has mobilized 80 volunteers for the assessment and awareness actions. The peoples in the affected village are fleeing to the city centers-the chapter has distributed 20 blankets and 5 tarps to the 35 families taking shelter in school.
- In Kailali district, the NRCS chapter is conducting awareness campaigns in the affected VDC and has been broadcasting radio messages for coming one and half months against Diarrhea through the FM Radio (Chaudhary language).

- In Pyuthan district, the NRCS chapter is conducting orientation program to its volunteers to be deployed to the affected volunteers for the awareness campaign. NRCS chapter has mobilized 98 volunteers

WASH

- In Surkhet district, the NRCS chapter has been distributing water purification liquid in 1000HH together with DFID/CSP.
- In Rukum district, the NRCS chapter has so far distributed 5,500 bottles of water purification liquid and 8000 satchels of ORS. NRCS HQ has dispatched 20,000 poster on health and hygiene. NRCS HQ technical team in the field oriented 100 volunteers particularly on WATSAN and now are mobilized in the rural areas for the awareness, evacuation of the patients and demonstrating water treatment. The chapter is also planning to mobilize rest volunteers for the 16 VDC for the awareness raising purpose.
- In Salyan district, the NRCS chapter has mobilized 94 volunteers for the awareness (IEC distribution, message flow and how to use PYUSH)-two people in each VDC. The chapter is planning to distribute water treatment liquids. NRCS chapter has assisted VDC to establish the working committee in the four most affected VDC, led by the VDC secretary.
- In Dadeldhura, LWF is planning to mobilize volunteers to create awareness related to personal hygiene and public health. The volunteers will also educate households on maintaining personal hygiene, use of water treatment agents, ORS preparation and promotion of safe human excreta disposal.

Challenges & Gaps

- Access to the areas continue to be a challenge, the difficult terrain and bad weather conditions not only hampering the delivery of supplies to the affected districts and VDCs, but also making it difficult to monitor the delivery of the supplies to the population in need.
- The continuing monsoon season is expediting the spread of the disease to other districts, thereby enhancing the need for better surveillance.

Next Steps

- In the next health cluster meeting, to be held on Friday 14 August, the gaps in supplies and human resources will be discussed as well as the means to address them.

For Further Information

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WASH

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The information can also be found on the following websites:

http://www.searo.who.int/en/Section1257/Section2263_15017.htm

<http://www.un.org.np/resources/diarrhoea-outbreak/>