

## Outbreak Situation Report 30 July 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.

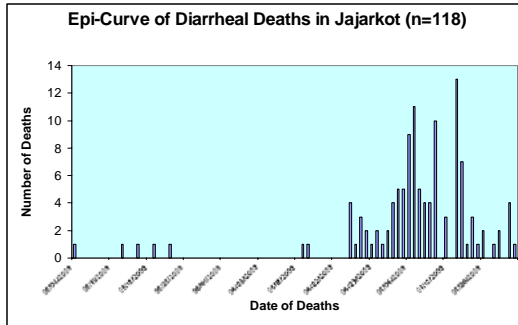
### Situation

- As of 30 July 2009, the number of treated and deaths can be summarized as follows:

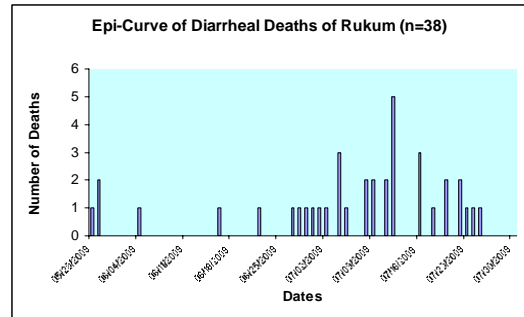
District	# of affected VDCs	# of Camps	# of Treated	# of deaths
Jajarkot	24	36	17429	132
Rukum	16	22	8043	38
Dolpa	5		296	3
Rolpa	2	1	197	1
Salyan	1	1	65	1
Dailekh	7	3	166	8
Bajura	3	1	17	2
Dadeldhura	1	2	77	2
Doti	4		40	2
Surkhet	8	4	407	3
Kanchanpur	1	1	285	1
Pyuthan	2	2	105	0
Accham	5		150	3
Baitadi	1	1	46	1
Dhading	1	1	103	0
Kailali	1	1	30	0
<b>TOTAL</b>	<b>82</b>	<b>70</b>	<b>27,456</b>	<b>197</b>

- As of now the case fatality rate (CFR) for two highly affected districts Jajarkot and Rukum are 0.76 % and 0.47 % respectively.
- The epi-curve of number of deaths in Jajarkot and Rukum show a decrease in the number of deaths.

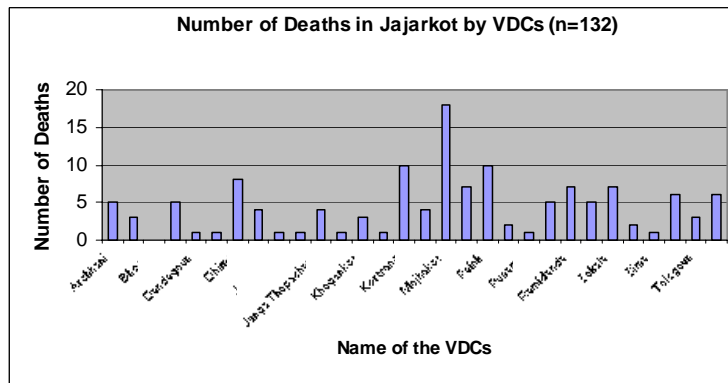
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**Response**

**Coordination**

- Central, regional and district level coordination continues under the leadership of EDCD/MoHP.
- A short meeting was held with Dr Sudha Sharma, Secretary, MoHP, where the health cluster presented its preparedness matrix and reiterated its willingness to support not only in the affected districts but also other districts where it may support the action to prevent an outbreak.
- The Protection Cluster has developed a child protection and nutrition checklist to assess the impact of the diarrhoea outbreak on children
- In Jajarkot, health and WASH clusters are formed and mobilized and is having regular meetings in Jajarkot district headquarters.

**Health**

- NRCS HQ has activated emergency operation center focusing AWD and disaster events. 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.

**Surveillance**

- EDCD, MoHP has alerted all District Health Offices and Regional Health Directorate to enhance the surveillance activities in order to recognize any unusual events of diarrheal diseases.

- WHO has shared the surveillance form and the case management protocol with all health cluster partners for their use in the field response. WHO Outbreak Medical Officer and Surveillance Medical Officer in Jajarkot and Rukum are respectively providing technical assistance to District Health Offices of respective districts.
- WHO is assisting EDCD and districts on setting of the surveillance system and other partners are also collaborating.

### **Logistics and Supplies**

- WHO has released an additional diarrheal disease kit to Dailekh district, upon the request of MoHP.
- NRCS chapter has distributed 100,000 water treatment tablets and 1000 ORS in Jajarkot and 5,500 bottles of water purification liquid and 8000 satchels of ORS in Rukum. NRCS HQ has also dispatched 20,000 poster on health and hygiene.
- USAID's social marketing and private sector partners made 1000 units of ORS, 50,000 aquatabs, 1,000 bottles of chlorine water purification solution, 2,000 10mg tablets and 5,000 20mg of zinc sulfate, and 2,000 metronidazole tablets available for use and could supply more of same products should GON announce that more is needed either in response to the current outbreak or in an upcoming preparedness campaign in the affected area
- In Jajarkot, Rukum and Dailekh districts, USAID is supporting the monitoring of health facility stocks of diarrhea treatment supplies.
- NFHP-II staff directly supported GON in managing high volume dispatching of shipments of drugs and supplies from RMS to districts. NFHP-II has extended its support to MoHP should there be extended need for emergency transport of drugs and supplies, from RMS to district and below.
- Concern has distributed 711 ORS, 685 water guards, 10260 aqua tabs, and 301 soaps. All materials were distributed with demonstration of their proper use and other key messages.

### **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, NRCS HQs had sent a technical team consisting three members: a medical doctor, a nurse and a WATSAN expert to Jajarkot in order to assess the situation. NRCS chapter has mobilized 50 volunteers for the house-hold level awareness through IEC materials and distributing on-spot ORH and water treatment tablets. The team is also helping the affected families by providing evacuation service for the medical treatment.
- In Jajarkot district, a UNICEF staff deployed to the district is supporting the overall coordination as well as assessment.
- ADRA has deployed two health teams to Jajarkot (Suwanuli VDC) and Rukum (Kholgaun VDC) districts, primarily to treat diarrhea cases, provide zinc tablets for children (1,000 in stock), distribute Aquatabs (10,000 in stock), and train and conduct health education on hand washing, personal hygiene, water disinfection, and preparing ORS.
- In Rukum, NRCS chapter has helped the operational unit (hospitals) to set-up emergency treatment units by providing blankets and tarpaulins. 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.

- Paschim Pailla, a youth volunteer group, has deployed 63 trained volunteers in 3 groups, most of them public health students have been sent to the field to act on preventive measures. They have been working in the epidemic affected areas of Jajarkot, Rukum, Surkhet and Dailekh.

## **WASH**

- UNICEF continues to promote hygiene and sanitation messages through mobilization of frontline workers, community volunteers in the district and message dissemination through 37 FM Radio and five television stations.
- The Nepal Red Cross Society and Development Project Services Centre (DEPROSC) are engaged in disseminating messages on correct use of water purification products and other Behaviour Change Communication (BCC) messages with the support of UNICEF.
- A gap analysis in terms of soap and water treatment product is ongoing, to identify areas where different agencies may support.
- In Jajarkot district, NEWAH (supported by Concern), NRCS and DEPROCS are covering all 30 VDCs to promote sanitation and hygiene awareness.
- Two teams have been deployed by the DWSS to Jarjakot and Rukum to test the water quality. A team has returned with samples from Rukum, which show bacteriological contamination. The rest of the team are expected to return in a few days' time.

## **Challenges**

- Logistics and coordination of supplies remains a challenge. The Government of Nepal is working closely with the line ministries and departments, Nepal army and police to solve this issue. Requests have also been received from the private sector to support the logistics efforts on the field.
- Access is also becoming steadily a bigger problem with the worsening weather conditions. Several flights have been cancelled and the impending floods and landslides are threatening access to the affected areas.
- There is concern that the impending floods and landslides following the onset of the monsoon rains may stretch the response capacity of agencies in the country.
- Communication remains a challenge, although CDMA phones have now been provided to all VDCs of Jajarkot district.

## **Next Steps**

- Continue surveillance of the situation to understand the situation and coordinate response as appropriate.
- GoN to request to the international community for support in specific areas

## **For Further Information**

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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.searo.who.int/en/Section1257/Section2263_15017.htm)

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