



Situation Update on Communicable Diseases

Dr Nirmal Kandel, *MBBS, MA, MPH*

National Program Officer

Communicable Disease Surveillance and Response

WHO Nepal

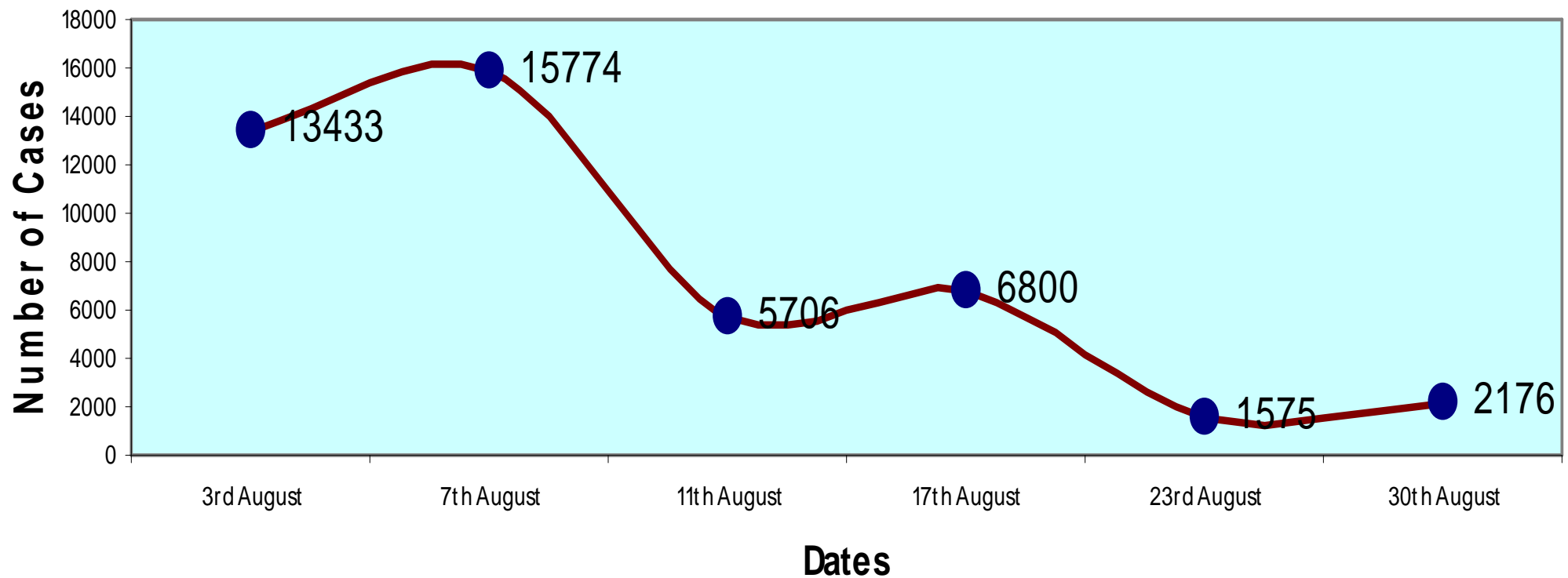


Updating on following

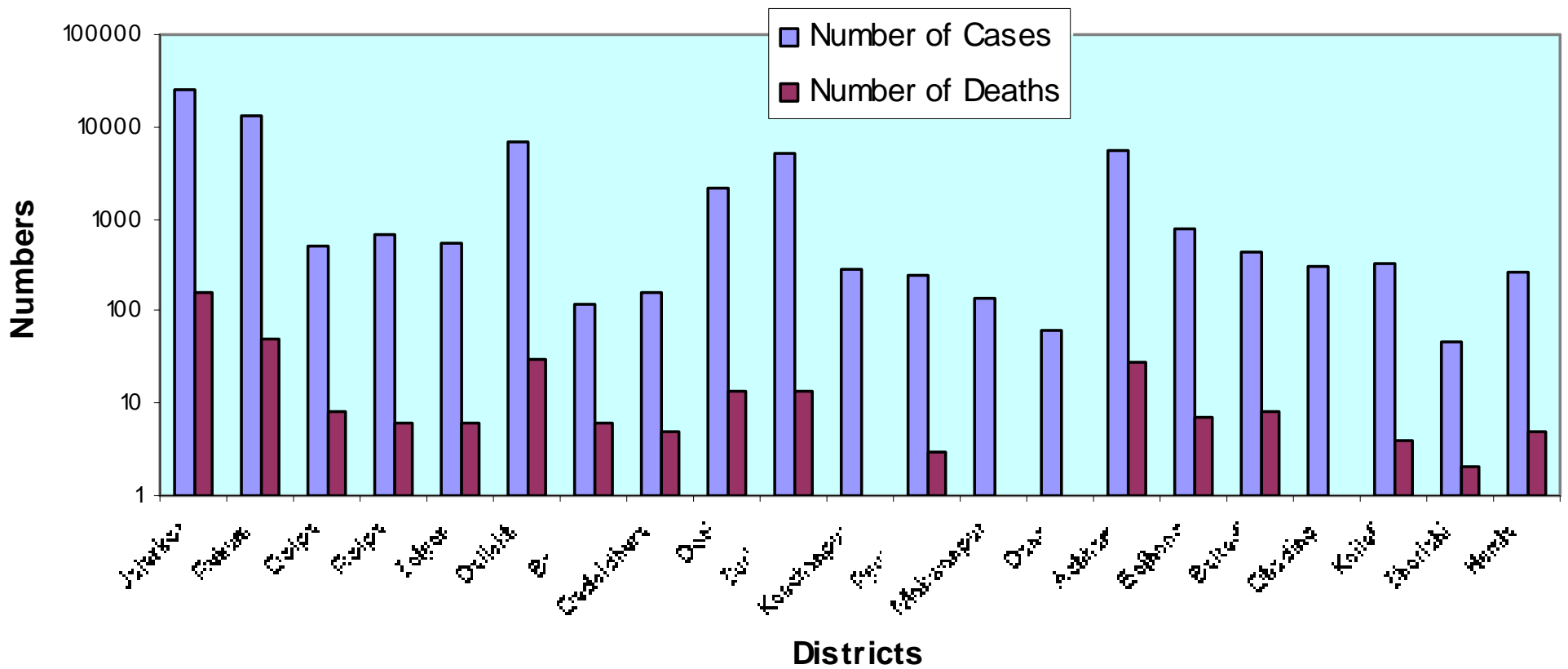
- Diarrheal Outbreak
- Pandemic H1N1
- Outbreak in Sindhuli
- Communicable Diseases during floods

Updating on Diarrheal Outbreaks

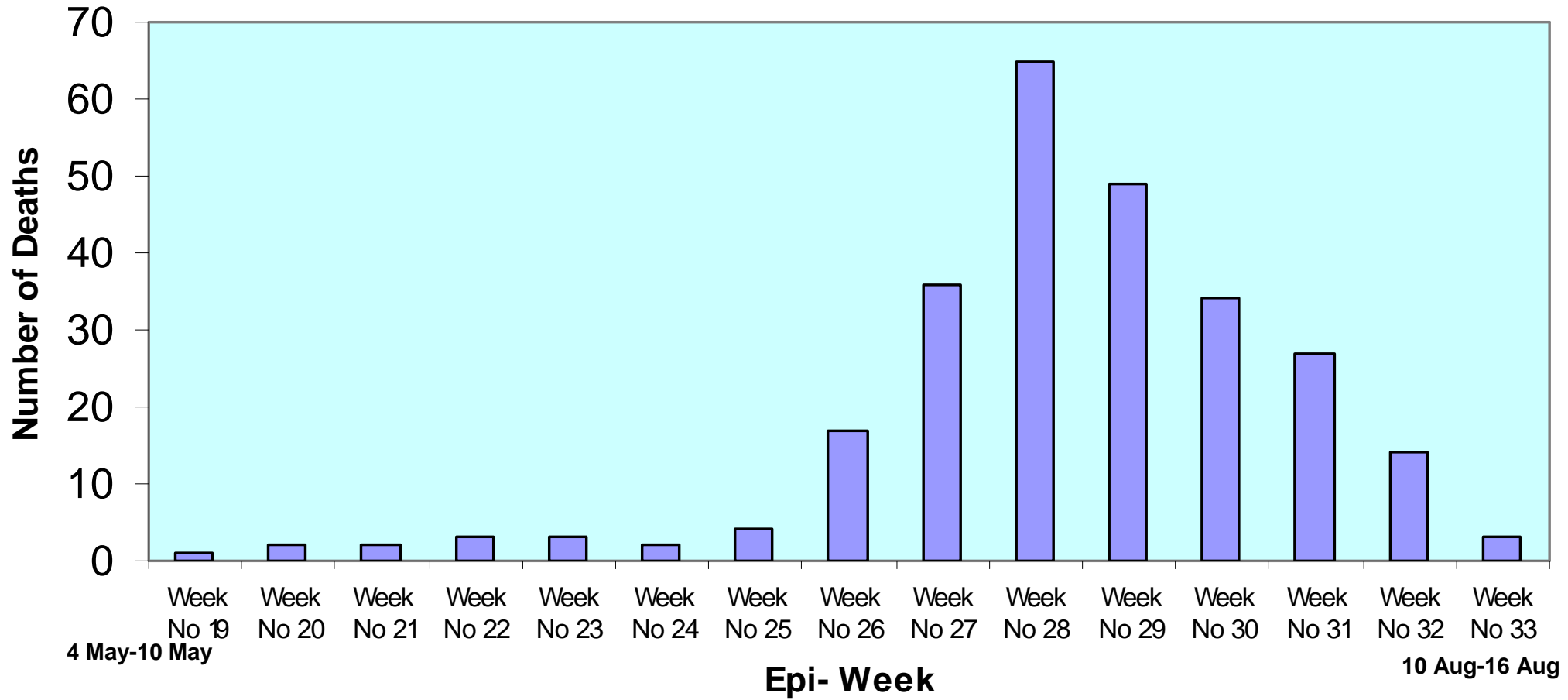
Trends of Diarrheal Cases



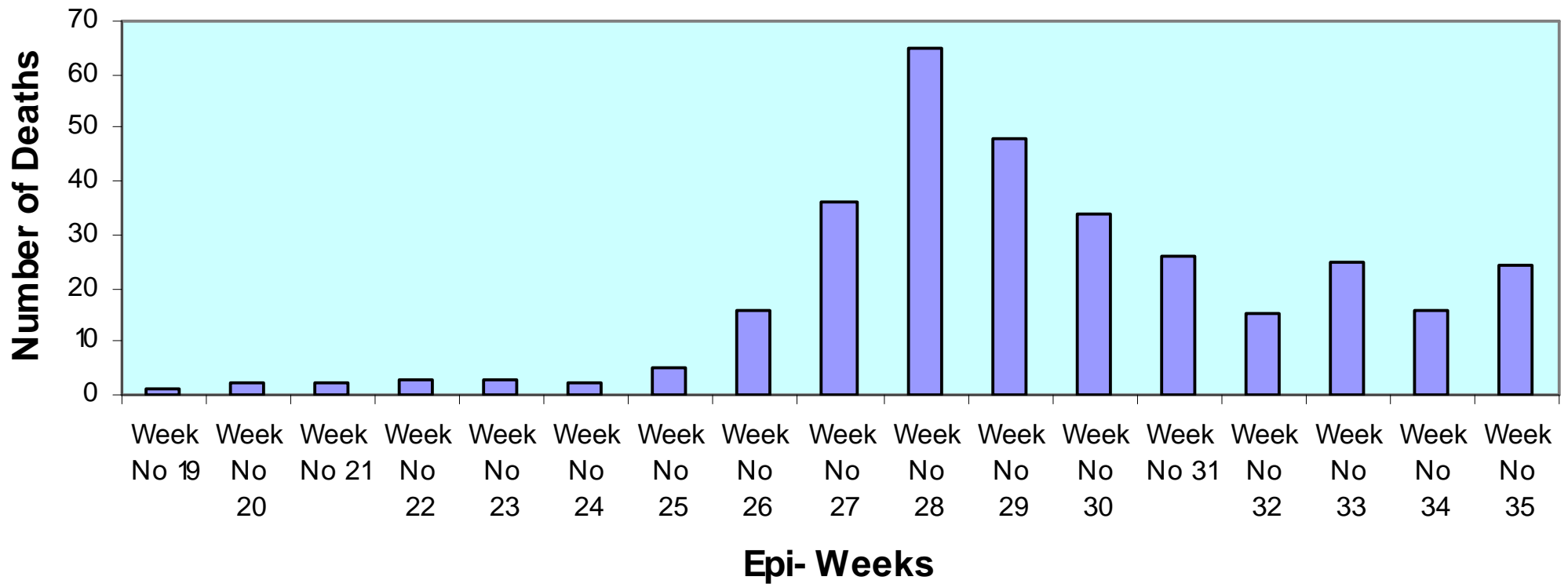
District wise number of cases and deaths



Trends of Diarrheal Deaths in Mid - Far Western Region

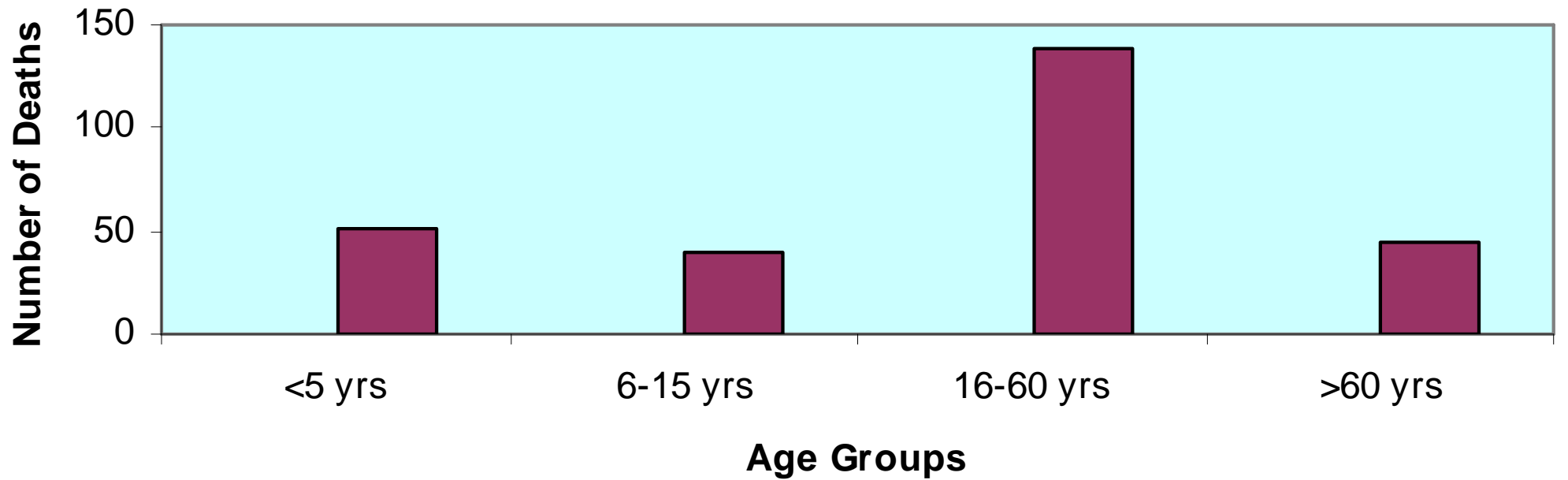


Trends of Diarrheal Deaths in Mid-Far Western Region

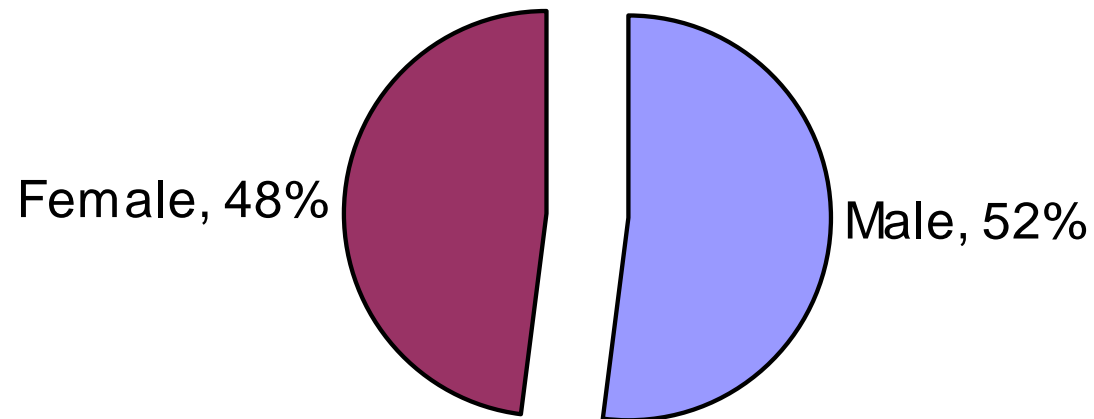


Increase in week number 33 onwards is due to the increase of Deaths in Dailekh and Accham

Age wise distribution of Diarrheal Deaths of MWDR



Sex Distribution of Diarrheal Deaths of MWDR





Updates on the Pandemic A(H1N1) 2009

Global and Regional Situation

Regional distribution of reported human cases of Pandemic H1N1 2009 as of 20 August 2009 (07.00 GMT)

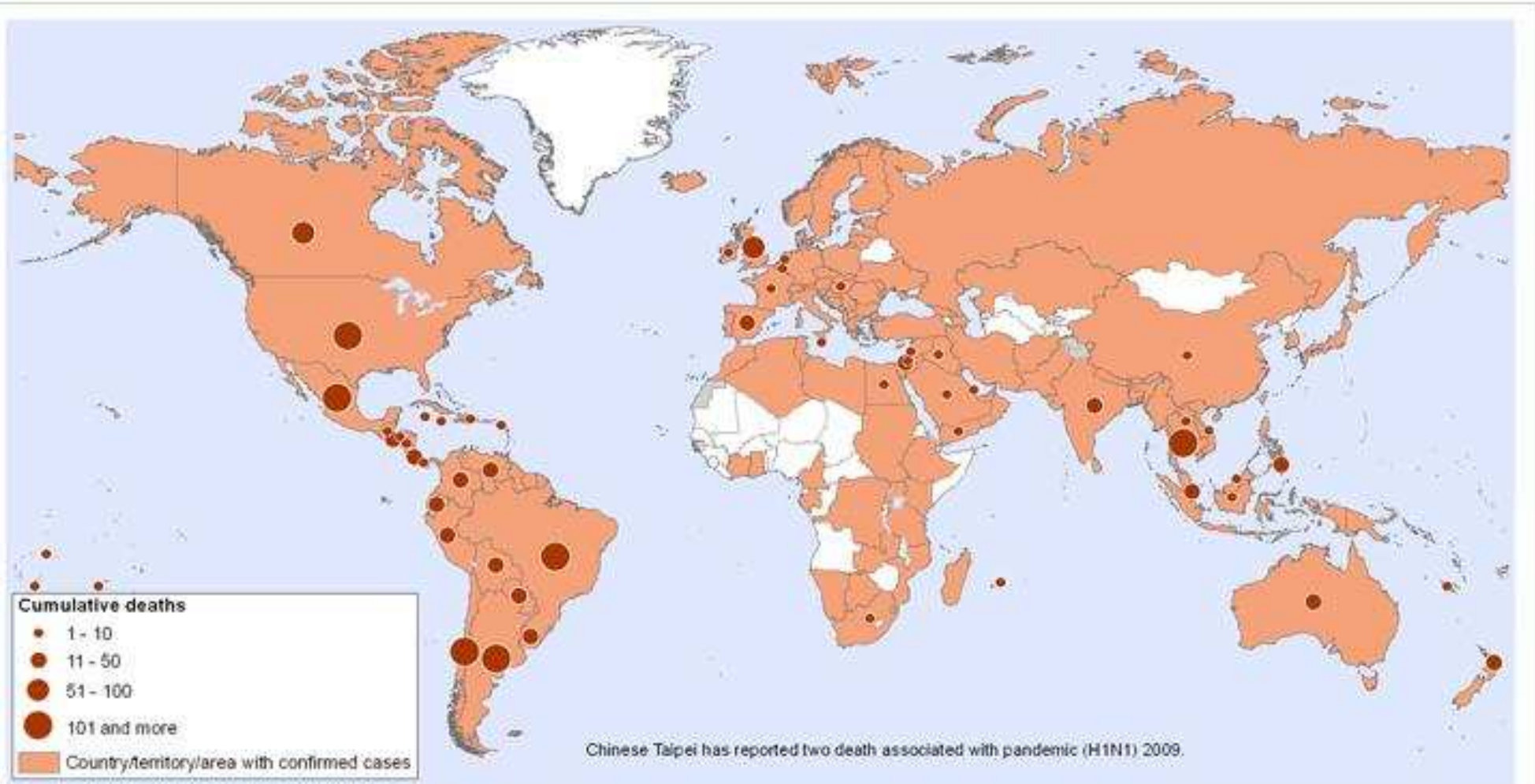
Region	Cumulative total as of 23 Aug 2009	
	Cases*	Deaths
WHO Regional Office for Africa (AFRO)	3843	11
WHO Regional Office for the Americas (AMRO)	110113	1876
WHO Regional Office for the Eastern Mediterranean (EMRO)	3128	10
WHO Regional Office for Europe (EURO)	Over 42,557	At least 85
WHO Regional Office for South-East Asia (SEARO)	15771	139
WHO Regional Office for the Western Pacific (WPRO)	34026	64
Total	Over 209438	At Least 2185

*Include 138 cases and 1 death from Taiwan



Status as of: 23 August 2009

 Previous



Countries with largest number of Cases and largest number of deaths

countries	cases	deaths	region
United States of America	43771	436	AMRO
Mexico	18390	162	AMRO
Chile	12104	112	AMRO
Argentina	6768	404	AMRO
Brazil	2959	192	AMRO

Update cases in SEARO as of 31st August 2009

SEAR Countries	cases	deaths
Bangladesh	199	1
Bhutan	6	-
India	4101	101
Indonesia	1055	8
Maldives	3	-
Myanmar	27	-
Nepal	31	-
Sri Lanka	86	-
Thailand	14976	119
Timor-Leste	5	-
Total	20489	229

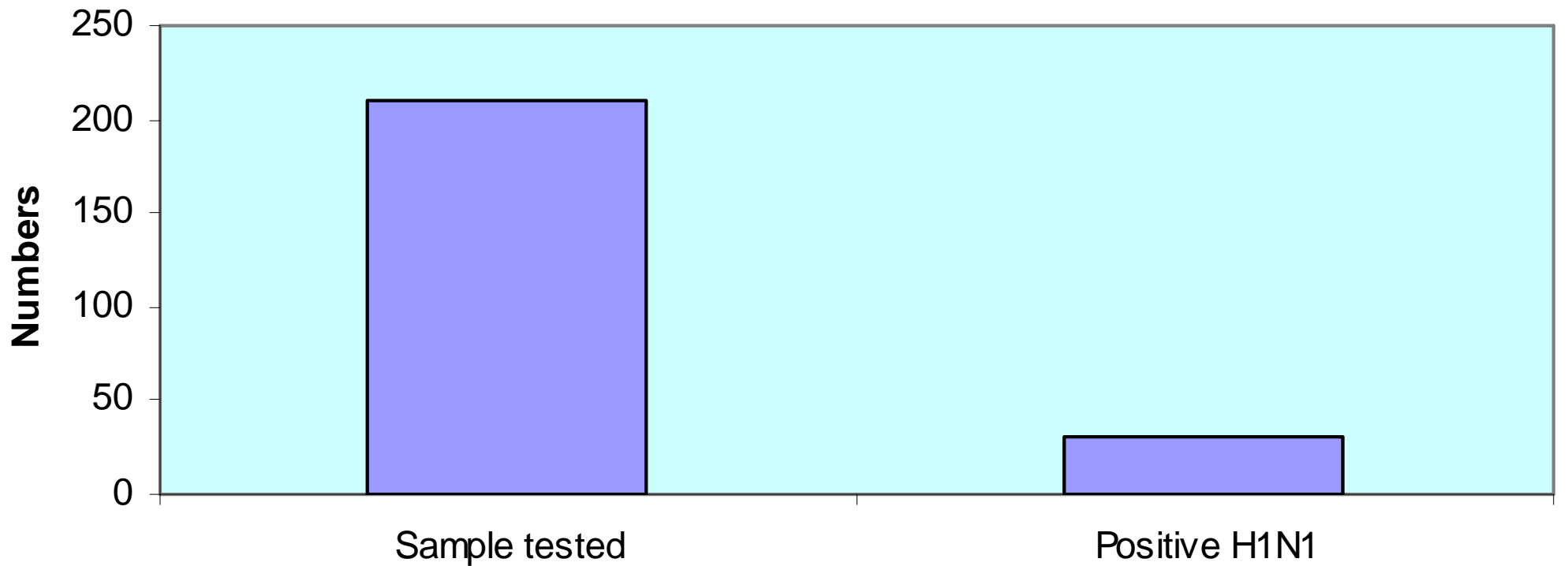


Updates on the Pandemic A(H1N1) 2009

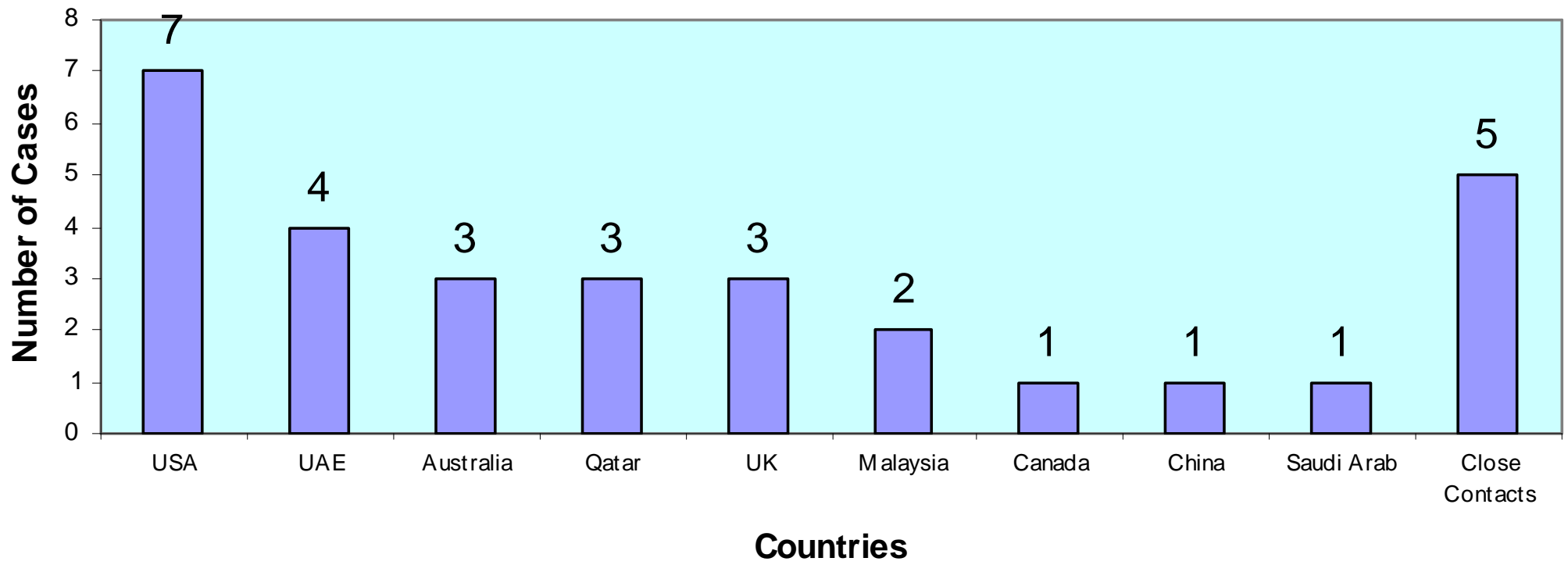
Situation in Nepal

Laboratory Testing

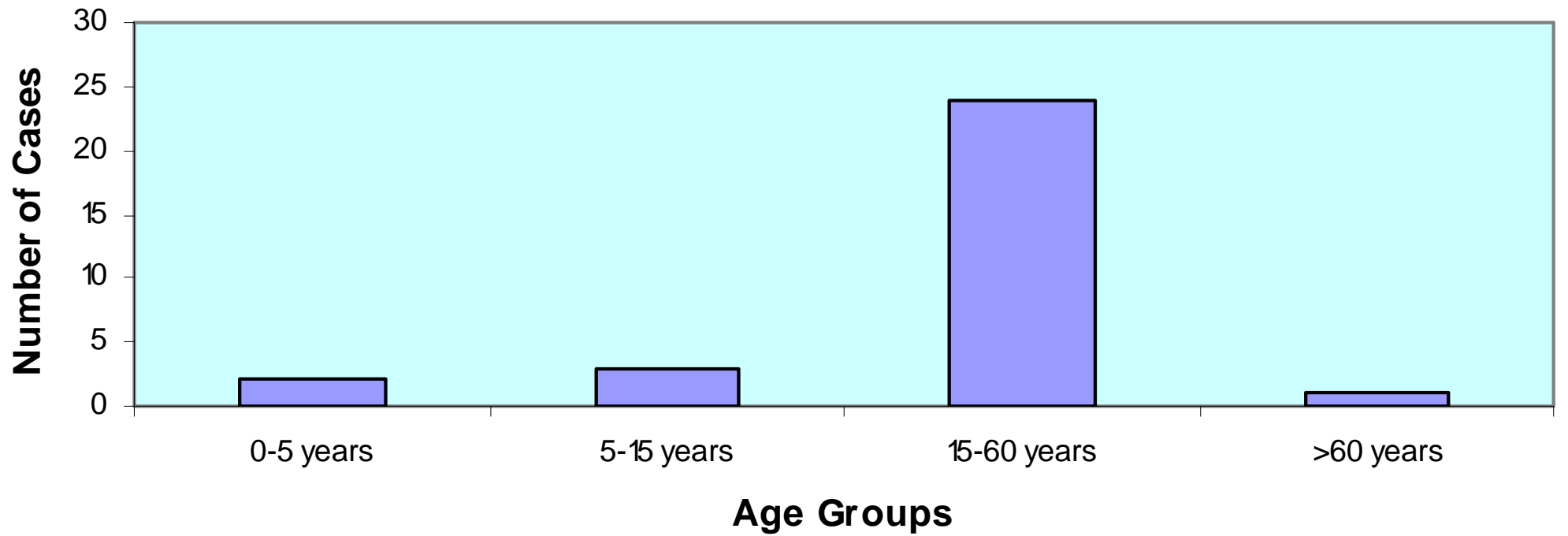
Laboratory Testing vs H1N1 Positive



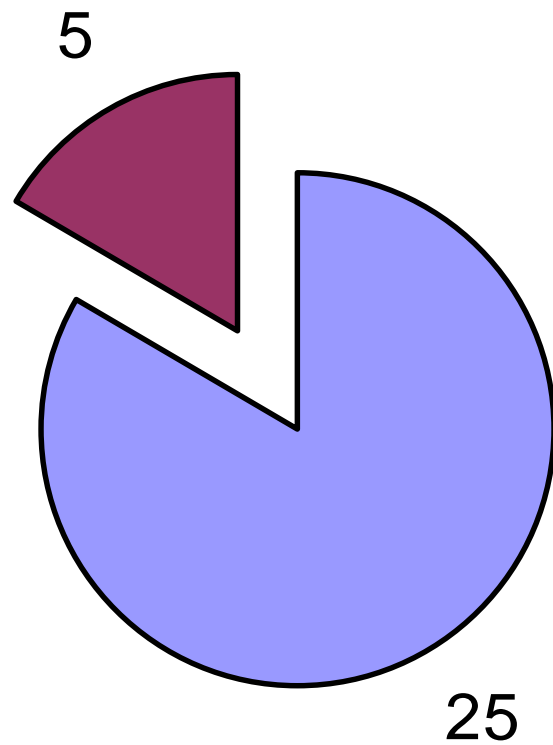
Imported Cases by Country



Age Distribution of H1N1 Cases



H1N1 Cases in Nepal by Sex n=30



Male
Female



Screened passengers

- Flights screened – 2336
- Number of passengers screened - 231407



Sindhuli Outbreak

Leptospirosis and Japanese Encephalitis

Situation

- 5 people died and more 50 cases with
 - High Fever
 - Headache
 - Myalgia
 - Conjunctival Suffusion
 - Hemorrhagic Spot
 - Skin Rashes
 - Semi-consciousness to unconsciousness

Response

- Team Mobilized from Region, District and WHO
- Investigated the cases
- Samples were collected
- Case Management strengthened

Laboratory Result

- Cases were positive for Leptospirosis and Japanese Encephalitis
- Rest are still unknown but negative for Malaria and Dengue fever



ON Leptospirosis

Communicable Diseases during floods

- Floods reported in various districts
- Jhapa –
 - The medical team has been sent there and still working
 - The team reached there with logistic (drugs etc) supply based on the epidemiological disease profile
 - So far no outbreak has been reported



THANK YOU