



WORLD HEALTH ORGANIZATION

Weekly Situation Updates – Sindh Province
Heavy Rains – Flooding

(Week_02) 08 - 14 January, 2012

DISEASE EARLY WARNING SYSTEM SINDH PROVINCE

Highlights:

- According to the DEWS data ARI, Diarrhea, Skin disease and Malaria are the main burden of disease.
- There was a significant increase in eDEWS data submission compared to last week.
- A total of 26 alerts and outbreaks were received and responded to timely, of these 04 were water borne diseases, 1 vector borne, 20 VPD (vaccine preventable disease) and 1 scabies alert.
- A total of 01 death was reported due to NNT across Sindh Province. In total 86 cases were reported for all diseases, and 53% of cases were aged < 5years.
- A total of 186 health care facilities and 53 EPI Centers were visited by SOs with 551 health staff receiving training on case management, case definitions and alert outbreak threshold.
- Health promotion sessions were conducted in 7 flood affected districts, and a total of 387 people were given information to improve awareness and encourage behavior change on different health related topics.

Disease Situation:

This week all diarrheal diseases comprised 7.2% compared to 8.0% for last week, of which other acute diarrhea (6.6%) had the highest proportionate morbidity followed by bloody diarrhea (0.6%) and acute watery diarrhea (<0.1%). Overall burden for URTI is 20.2% this week, compared to 21.1% last week, Disease burden for URTI was higher in FADs compared to overall Sindh, but was lower for skin diseases, Malaria and diarrheal diseases.

DISTRICT UPDATES

SOUTH SINDH

Reporting

In January 2012 the eDEWS reporting system was introduced to Pakistan. District S.Benazirabad, in Sindh Province, was selected as one of the four pilot sites in the country for eDEWS reporting, which uses a mobile phone based application for disease surveillance reporting. The other districts of Sindh are adopting a web based reporting system during phase I and the mobile phone based application will be introduced in phase II. By the end of week two, 87% (20/23) districts have accepted and adopted the modified eDEWS reporting system in Sindh province and have submitted data using the new eDEWS format. The DEWS reporting rate was observed to be lower compared to the same time last year due to the transition from the old system into the modified electronic reporting system. To date, eDEWS refresher trainings have been conducted in 7 districts to adopt the modified DEWS reporting system, new case definitions and modified alert thresholds. Trainings in remaining districts are planned for the coming weeks.

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

Flood Affected Persons

Thousands of FAPs are residing in relief camps in some districts such as Mirpur Khas even without shelter. The FAPs need medical care, food, NFIs, shelter, WASH facilities and other humanitarian assistance. Many of the NGOs have closed their operations as the emergency phase is officially over or they run out of funding, and fewer NGOs have stayed around providing support for the early recovery phase in these districts.

Alerts/Outbreaks, Disease Trends and Response

Districts Mirpur Khas, Badin, Matiari, Sanghar, Thatta and have reported an increased burden of ARI. In order to respond to the situation, WHO has previously established ARI centers that are functional and continue to support the existing health system by delivering required services. Shortage of medicines, especially antibiotics to cure infections, has been reported from many ARI centers and requests have been sent to Islamabad office. In addition to supporting ARI centers, WHO also supports 12 nutrition stabilization centers in districts Jamshoro, Hyderabad, Matiari, Thatta, Umerkot, Dadu, T.M.Khan, T.Allahyar, Mirpur Khas, Sanghar, Larkana, Ghotki, Sukkur, Khairpur, Jacobabad, Shikarpur.

One case of **polio** has been confirmed this week in district Badin that is a fourth Polio case of Badin during year 2012. Eight polio cases have been confirmed in district Thatta by the end of this week.

Pertussis remained the leading reported alert from many parts of district Sanghar. Investigations of Pertussis alerts have concluded poor routine immunization as a possible cause for the high number of these alerts. WHO HP team has responded to the situation and conducted health promotion sessions in communities and EDOH Office Sanghar, where health education sessions were conducted to provide basic information on the disease, to improve routine immunization and to encourage communities to adopt healthy behaviors. Shortage of Penta vaccines is a chronic problem in district Sanghar and concerned authorities have been communicated to improve routine immunization and to resolve the issues like poor cold chain, vaccinators' performance and proper trainings in the district. WHO HP team also conducted health education sessions for LHWs in district Dadu. Following the TOT on health promotion, LHWs conducted 26 health education sessions on Pertussis and encouraging routine vaccination in Taluka Johi where 322 participants were trained.

NORTH SINDH

Reporting

WHO DEWS teams visited 45 health facilities for ongoing DEWS sensitization and motivation on timely DEWS reporting and regular feedback. DEWS SOs made necessary corrections, checked routine immunization, motivated health staff for sending maximum DEWS reports, conducting safe delivery, promoting health hygiene, etc. Two local holidays were observed in the district reducing the number of health facilities visited.

Alerts/ Outbreaks, Disease Trends and Response:

A total of nine alerts/outbreaks were received and responded to by WHO Sukkur. Out of 9 alerts 4 each were received for NNT and suspected Measles and 1 for Leishmaniasis. ARI remained the leading reported disease in Districts Ghotki, Khairpur, Kambar, Larkana and Shikarpur. ARI referral centers are found in all of the above Districts, with a shortage of essential medicines reported in the ARI centre in Shikarpur. Vaccine preventable diseases continue to be reported with deficiencies regarding cold chain (Districts Khaipur and Kambar), lack of vaccine supply, and defaulters being the major challenges.

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

One alert of **Measles** was reported from Larkana District and was investigated and responded to and reported to DHMT. DO Public health directed TSV for measles coverage in the village to contain the spread of disease. DEWS visited health staff and provided information about the importance of surveillance and reporting of suspected cases especially vaccine preventable diseases. Several cases of scabies were reported in District Khairpur, Kacha areas, especially in UC Kingri, UC Ripri and UC Pir Hayat Shah. DEWS SO found and responded to 20 cases of reported scabies in one village which was not reported as an alert. Skin ointments were provided to the community.

DISTRICT COORDINATION

- All Districts continue to coordinate with EDOH and PPHI regarding eDEWS training for generating weekly data and reports
 - Meetings conducted with NGOs and organizations operating ARI centers including Matiari District/Shifa Foundation; Tando Allahyar/Shifa Foundation; District Thatta; Umerkot and Mirpurkhas/HANDS
- Meetings to improve routine immunization held in the following districts: Hyderabad, Sanghar, Tharparkar, Khairpur,
- DEWS SO Thatta trained Merlin Staff regarding new eDEWS format, at the request of PC Merlin
- DEWS SO Tharparkar District conducted a health and nutrition cluster meeting at Mithi to address health issues and also attended LAQS training at DG Health office Hyderabad.
- DEWS SO District Badin attended a district health cluster meeting
- District Tando Muhammad Khan attended training on LQAS at DG health office Hyderabad regarding LQAS methodology and carrying out surveys in the field.
- DEWS SO Thatta met with private Pediatrician Sijawal regarding timely reporting of alerts and outbreaks.
- DEWS SO Hyderabad met with EDOH, DOH and Health education officers regarding a key health promotion messages presentation for the upcoming second session of eDEWS training
- DEWS SO Dadu met with LHS to collect data for the pertussis health education sessions conducted by LHWs
- WHO SO Tando Allahyar coordinated with Shifa foundation, Friends foundation, IOM, Hands and SBDD society regarding ARI, mobile medical camps, Nutrition & Immunization.
- DEWS SO Mirpurkhas attended District General coordination meeting at Darbar Hall DC office, held on 10 January 2012 and gave a presentation on emergency response activities and support provided to the district during rain emergency. Three static and nutrition OTP centers of Save the Children at Mirwah Gorchani, Tando Jan Mohd and Jhudo were visited.

ESSENTIAL MEDICINE

Highlights:

- EM Pharmacist visited the DHO warehouse district Tando Muhammad Khan and coordinated with DHO District Matiari regarding the availability of Essential Medicines.
- Assessment of availability of medicines was conducted for IOM at DHQ Tando Muhammad Khan and on the job training regarding the consumption based medicines request was provided.
- Nutrition stabilization centers were visited at DHQ district Tando Muhammad Khan and DHQ district Tando Allahyar, rational drug utilization and record keeping was observed.

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

- EM pharmacist visited ARI center at DHQ District Tando Muhammad khan and DHQ District Tando allahyar.
- Coordination meetings held with DHQ Mirpur Mathelo, GMC Hospital Sukkur and Civil Hospital Khairpur regarding request for medicines and to verify their needs.
- Conducted coordination meeting with EDOH Sukkur regarding monitoring visit of district drug store and technical assistance on LSS queries.

Overview of Situation:

- EM Pharmacist coordinated with DHO District Matiari regarding the availability of essential medicines. DHO requested WHO for cough syrups, antibiotics and Dextrose solution.
- Assessment of availability of essential medicines was conducted for IOM at the DHQ Tando Muhammad khan. Situation of clean lines was satisfactory. They lack sufficient space to store medicines. No bin cards and pallets were seen. Temperature log sheet and expiry calendar was not displayed. Stock register was prepared and updated. There were sufficient supplies of essential medicines. Some gaps regarding cough syrups were found. It was found that the dispenser dispensing the cough syrup in small shoppers with paracetamol syrup. The antibiotics were prescribed for two and three days, which were discussed with MO..The average OPD ratio was 70 to 80 patients. It was found that 40 % of OPD is of ARI, 25% of GIT infections and 20% of skin and 5% of others. On the job training regarding the Good Storage Practices and consumption of medicines was provided.
- Nutrition stabilization center was visited at DHQ district Tando Muhammad and DHQ district Tando allahyar. Total 58 patients have been treated to date in both centers. Overall, cleanliness was satisfactory, medicines properly stored and records were in order .Pediatrician requested to add syringes 5cc, a few more antibiotics like Ampicillin, Gentamycin and some syrups like co-trimoxazole, there is more need of cannula 24 as compared to 18
- EM team visited ARI center at DHQ Tando Muhammad khan and DHQ Tando allahyar. The OPD at the time of visit was thirty. Most of prescriptions lacking some use full information like frequency, age, and weight. Dispensing skills were lacking; poor understanding of correct dosages and lack of usage of gloves was observed. There is a need for improved patient counseling. The dispenser has no good dispensing skills. Dispenser was dispensing the medicines without wearing gloves. The Dispensing tools like scissor, syringe cutter, permanent markers for the labeling of medicines were not observed.
- LSS updated

WHO EM Response:

- Supported the following NGOs with assorted medicines: IMC, NRDP Agha khan health services
- Supported Shifa Foundation and Hands organization with assorted medicines for ARI centers.
- Supported DHO district Jamshoro with 1500 dextrose water 5% 1000ml.
- WHO provided Leishmaniasis response to SO DEWS Naushehro Feroze and Shikarpur with injections of Glucantime for 3 patient's treatments.
- WHO dispatched 3440 Ampicillin injections to WHO hubs (720 WHO MULTAN, 720 WHO QUETTA and 2000 Ampicillin injection to WHO HYDERABAD) for ARI packages and 5 EHPs to WHO Hyderabad for rain/flood effectives of southern Sindh.

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

Capacity Building:

- EM Team provided hands on training regarding the Good Storage Practices, Record Keeping, and Rational Utilization of Medicines to Dispenser of IOM, the MDF at the ARI center at DHQ TMK, Shifa Foundation at the ARI center at DHQ Tando allahyar and EDOH District Drug Store.
- GSP, GDP and handling of pharmaceuticals briefs provided to store keepers and District Drug Store staff, EDOH Sukkur.

ENVIRONMENTAL HEALTH

Overview of situation of Hyderabad and Sukkur hubs:

- A total of 83 drinking water samples were analyzed for critical water quality parameters in various districts of South Sindh, 71% samples were found contaminated. Of the 27 drinking water samples taken from different locations by Sukkur Hub EH team, 13 are under analyses, and of the remaining 43% are contaminated, while 57 % were found fit as per WHO guidelines.
- EH team is regularly monitoring water quality at various sources and coordinating with WASH cluster, PCRWR, PHED and TMAs for improvement.
- UNOCHA Badin is organizing a joint assessment on coming Thursday to appraise the situation of 30 risky villages of UC Kadhan due to likely overflow of Left Bank Outfall Drain (LBOD).

WHO EH Response:

- EH team Badin responded to two alerts including tetanus and scabies at village Wadero Misri Mandhro, on 12 January 2012. 100 tooth brushes, 1500 aqua tabs and health hygiene education with a focus on personal hygiene and vaccination. Also involved a local NGO, HDO, to provide further hygiene awareness in the community.
- EH team Badin attended Badin WASH cluster meeting, WASH partners requested water quality monitoring training and a water testing laboratory for monitoring of water samples. WHO ensured cooperation for the support of the cluster. Training was proposed for the next week by the cluster lead.
- WASH partners were informed about the installation of water filtration unit in DHQ hospital Tando Allahyar and advised to financially support the Government department with installation
- A total number of 34 Health facilities were assessed in Jamshoro district for WATSAN and Healthcare waste management services.
- EH team assessed WASH services in 3 Health Facilities including BHU Ubhri , BHU Baberloi and BHU Piryaloo at district Khairpur
- PCRWR team completed installation of Chlorinators at water supply schemes (Under WHO program) in North Sindh districts including 26 chlorinators at district Sukkur, 5 chlorinators at Ghotki, 3 chlorinators at district Qambar, 4 chlorinators in district Jacobabad and work in progress at district Noushehroferoz.
- WHO EH team conducted 2 hygiene promotion sessions within community on household water treatment and hand hygiene at district Shikarpur.
- WHO EH supported to Land'O Lakes organization with 500 Health Education booklets.
- EH team facilitated training for ARI staff in Tando Allahyar district on safe healthcare waste management practices and aseptic procedures. 10 kg chlorine powder, 1 wiper, 1 broom, gloves, mask and poster was provided to AL-Shifa ARI centre.
- EH team provided 1 Wagtech water testing kit to CESVI International Tando Muhammad Khan district, after signing an MoU agreeing that at the completion date the kit will be handed over to TMA in the district
- EH team provided training to CESVI technical staff on Wagtech water testing kit, water disinfection methods and chlorination

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

- WHO EHE has visited 05 Health facilities in 2 Districts for conduct a technical assessment on water and sanitation situation of health facilities in 2 Districts. In which, 1RHC and 1-BHU in district Umerkot, 3 RHC visited in District Mirpurkhas.
- WHO EHE has organized and delivered short training on safe drinking water and hand washing to health staff at RHC Jhudo and in spontaneous camps near Jhudo.
- WHO EH team provided training about chorine solution (0.05, 0.2, 2)% to the peads ward of PMCH Nawabshah where the participants were 4 sanitary workers, 2 male nurses, 2 female nurses.
- WHO EH team visited ARI center in THQ Shahdadpur, District Sanghar and in response to poor hygiene conditions provided 10 kg chlorine, 2 mops, 2 wipers and trained sanitary staff to regularly use disinfectant.

Environment Health:

- Coordination with PPHI Jamshoro and Matiari for Health facilities Assessment; Water, sanitation and Healthcare waste management services were assessed and budget was estimated for rehabilitation and improvement
- Coordination meeting with Public Health Engineering Department for the establishment of Water Quality surveillance system in the district, various other issues were discussed regarding poor water quality and WASH partners; it was decided to jointly fix the problem of coordination among WASH Partners in Tando Allahyar district and UNICEF was informed in this regards
- Met with Medical Superintendent of RHC Jhudo, RHC Tando Jan Mohd, RHC Naukot and BHU Aohari farm and discussed water and sanitation situation of RHCs and BHUs and hospital waste and its management.
- Met with Assistant Engineer PHED Umerkot and discussed water supply schemes and collected information regarding functional Reverse Osmosis plant in district Umerkot.
- Met with Executive Director AWARE for preparation of distribution plan of Mosquito Bed nets supported by WHO in flood affected area of district Umerkot for next week.
- EH team met with Executive Engineer (PHED) at district Sukkur regarding the installation of chlorinators at WSS
- A coordination meeting was held with UN-habitat regarding water and sanitation situation in District Shikarpur

Priority Needs:

- Proper Sanitation facilities, hygiene behaviors with health education are required for people returning to their homes from flood affected areas to minimize risk of communicable diseases.
- Hygiene promotion campaigns should be initiated on priority base for adopting safe and healthy hygiene practices, use of clean drinking water, hand washing with soap.
- Water supply should be improved at returnees' villages.

Gaps and Constraints identified:

- Lack WASH partners involvement in across all districts.
- Low level of health & hygiene awareness at community level.

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

HEALTH PROMOTION

Overview

- Conducted health promotion mapping in Sanghar District, which included speaking with NGOs working in health promotion, the Health Promotion Focal Person and conducting focus group discussions regarding knowledge level of health messages and health seeking behavior.
- Conducted health promotion response to Pertussis outbreak in Sanghar District for local NGO social mobilizes and staff (10 participants from 3 local NGOs: SHEDO, Community Development Organization and NCHD). Participants to provide at least one session in their catchment area focusing on Pertussis and encouraging routine vaccination.
- Distributed 100 Health education booklets and 500 nutrition posters to NRDP.

Coordination

- Met with WHO Islamabad Health Promotion team to discuss the pilot HP FPP project and ways forward for expansion of health promotion across the province.
- Met with Agha Khan University researchers regarding the use of health education messages to increase uptake of childhood vaccination.
- Met with UN Habitat Provincial Coordinator to discuss further collaboration in expanding capacity building of their social mobilizes in the key health messages.
- Met with Health Education Focal Person, Hyderabad to discuss delivery of a session to encourage dissemination of key health messages at health facilities PPHI stakeholders attending DEWS meeting on 17 January 2012
- Coordination with NRDP (National Rural Development Program) to discuss future facilitation for a Behavior Change Communication session for their Provincial Hygiene Promotion training taking place early February.

Priority Needs:

- Disbursement of Payment of Health Promotion Focal persons.
- Find a suitable replacement for the HP Focal Person in Tando Allah Yar who is inactive.
- Improve reporting: 8 HP FPPs did not send reports for week 2nd. Hard copies of Health Education session weekly reports have not yet been received.

NUTRITION

Overview

- Nutrition officer attended the meeting at the office of Nutrition Cell Health Department Sindh at Karachi on January 7th 2012, to discuss the training schedule for sentinel Sites for NSS (Nutrition Surveillance System) and to get nominations from concerned District Officers.
- Nutrition officer along with WHO attended the Ceremony of Dissemination of National Nutrition Survey 2011 in Karachi, on 10th January 2012; chaired by minister of Health, and participated by leadership of DoH, including DHOs from all districts, academic personalities and members of UN agencies and NGOs. Dr Altaf on behalf of WHO committed our continued support to nutrition activities in Sindh province.
- Nutrition officer visited NSC Civil Hospital, District Tando Mohammad Khan, 9th January 2012. The purpose of the visit was to monitor and evaluate WHO protocol at stabilization center. WHO team found that

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

all the activities were in accordance with WHO protocol. NSC staff still needs training to follow WHO protocol management of severely malnourished children with complications admitted to the ward.

- WHO mission also observed that NGOs are not referring severely malnourished children in all NSCs in Sindh province

Appendix

Table 1: Activities of DEWS teams in various districts of Sindh Province (week 01)

District	Weekly Activities of Surveillance Officers																																			
	DEWS Software Reportage			Alerts		Health Facilities Visited by SOs & Reporting Weekly to DEWS														M&E by SOs		# HF staff trained by SOs		Material Distributed			Lab Sampling			PHC	Coordination					
	PPHI	EDOH	S.Os	Generated	Investigated	DHQ		THQ		RHC		BHU		CD		Other		Total	OPD vs DEWS	Alert / Deaths				IEC Material	Safe Drinking Water (V/N)	Essential Medicines (V/N)	No of Samples collected	Samples Sent to Islamabad	Positive results received	Results pending	# of EPI center visited	EDOH / PPHI / Others				
						No of visits this week	Reporting (Y/N)	No of visits this week	Reporting / Total	No of visits this week	Reporting / Total	No of visits this week	Reporting / Total	No of visits this week	Reporting / Total	No of visits this week	Reporting / Total																No of visits this week	Reporting / Total	No of visits this week	Reporting / Total
Badin	1	3	0	3	3	2	Y	4	4	3	3	5	5	3	3	3	21	20	28	6	16	N	3	5	7	0	0	N	Y	1	1	0	0	2	6	
Dadu	10	3	0	2	2	2	N	2	2	3	0	4	7	2	3	0	0	13	12	0	2	N	40	40	40	70	200	N	Y	2	2	0	2	5	10	
Hyderabad	0	10	5	0	0	0	N	0	0	1	3	4	19	1	10	4	8	10	15	0	0	N	0	15	11	0	0	Y	Y	2	2	0	0	9	2	
Jamshoro	8	3	3	0	0	0	N	1	3	0	1	4	5	4	5	0	0	9	0	0	0	N	3	3	3	0	0	N	N	0	0	0	0	2	2	
Karachi	0	0	40	0	0	0	N	0	0	1	3	1	14	2	40	1	34	5	5	0	0	N	7	7	7	200	0	N	N	0	0	0	0	0	4	
Matari	18	4	0	2	2	3	Y	1	1	1	1	2	13	1	16	8	0	16	0	0	0	N	2	2	2	2	0	Y	Y	0	0	w	0	0	3	
Mirpur khas	5	3	2	0	0	1	Y	1	2	3	5	4	38	1	47	0	0	10	10	0	0	N	20	0	20	20	50	N	Y	0	0	0	0	3	6	
Nawabshah	0	0	20	1	1	0	N	2	1	1	7	4	9	2	2	2	11	10	8	1	Y	7	7	8	8	60	Y	Y	0	0	0	0	2	8	4	
Sanghar	10	2	40	1	1	2	Y	2	Y	0	Y	2	Y	0	Y	0	Y	6	0	0	0	N	2	2	2	2	2	N	Y	0	0	0	0	2	3	
Tando Allahyar	22	2	0	3	3	4	Y	2	0	1	1	2	10	1	10	0	0	10	0	0	0	N	0	0	3	3	0	Y	Y	1	0	0	w	0	4	
T.M.Khan	0	0	0	0	0	0	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N	0	0	0	0	0	N	N	0	0	0	0	0	0	0
Tharparkar	0	0	20	0	0	4	Y	1	3	1	2	5	27	0	4	1	0	12	0	0	0	Y	2	2	8	2	2	N	Y	0	0	0	3	3	5	
Thatta	20	5	30	4	4	2	Y	3	4	2	8	10	50	2	19	1	1	20	19	0	0	N	50	50	4	Y	Y	Y	Y	0	0	0	0	8	0	
Umerkot	5	3	2	0	0	1	Y	1	3	1	6	2	30	0	0	0	0	5	5	2	2	N	10	0	10	20	50	N	Y	0	0	0	0	2	6	
GHOTKI	3	3	0	0	0	1	N	1	1	0	1	0	2	0	2	1	0	3	6	0	0	N	12	0	12	12	0	N	N	0	0	0	0	2	3	
JACOBABAD	0	0	0	0	0	0	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N	0	0	0	0	0	N	N	0	0	0	0	0	0	
KAMBER	11	0	0	6	6	1	N	0	0	1	0	2	11	1	0	1	1	6	1	1	10	N	3	6	0	3	50	N	Y	2	2	0	2	1	2	
KASHMIRE	2	0	0	0	0	1	N	0	0	0	0	1	2	0	0	0	0	2	2	0	0	N	4	0	4	4	0	N	N	0	0	0	0	1	2	
KHAIRPUR	0	0	10	0	1	2	N	0	0	1	2	4	8	0	0	1	0	8	7	0	1	N	14	0	14	0	20	Y	N	0	0	0	0	1	3	
LARKANA	3	2	3	1	1	0	N	0	2	3	0	3	27	2	23	3	0	11	9	8	1	N	10	8	0	Y	Y	N	N	1	1	0	1	2	3	
N-KEOZE	0	0	0	0	0	0	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N	0	0	0	0	0	N	N	0	0	0	0	0	0	
SHIKARPUR	0	6	0	1	1	1	N	1	0	0	2	2	3	1	1	0	0	5	5	8	1	N	15	0	15	15	0	N	N	0	0	0	0	2	3	
SUKKUR	4	1	1	0	0	1	Y	1	1	0	1	1	0	0	0	1	1	4	5	0	0	N	15	0	15	15	0	N	N	0	0	0	0	0	0	3

Table 2: Updates of flood affected districts of Sindh Province (wk 01).

Districts	Talukas	Ucs	Affectees	FAP*	Camps	Immunization in FAP*		Deaths	Health Facilities		
						Polio	Measles		Total	Fixed	Mobile
Badin	4	46	1,021,301	0	0	0	0	-	0	0	0
Mirpurkhas	6	41	705,151	0	0	670	437	0	15	10	5
Tharparkar	4	44	907,179	84,535	2	0	0	0	0	0	0
Tando M. Kh	-	-	-	-	-	-	-	-	-	-	-
Thatta	-	-	-	-	-	-	-	-	-	-	-
Umerkot	4	27	180,851	0	0	367	295	0	14	8	6
Khairpur	-	-	-	-	-	-	-	-	-	-	-
Dadu	4	47	325,000	0	0	0	0	0	0	0	0
Nawabshah	4	51	900,000	1,010	11	0	0	0	5	1	4
Jamshoro	-	-	-	-	-	-	-	-	-	-	-
Naushero Fe	-	-	-	-	-	-	-	-	-	-	-
Sukkur	-	-	-	-	-	-	-	-	-	-	-
Shikarpur	-	-	-	-	-	-	-	-	-	-	-
Jacobabad	-	-	-	-	-	-	-	-	-	-	-
Kashmore	-	-	-	-	-	-	-	-	-	-	-
Ghotki	-	-	-	-	-	-	-	-	-	-	-
Kamber	-	-	-	-	-	-	-	-	-	-	-
Larkana	-	-	-	-	-	-	-	-	-	-	-
Sanghar	-	-	-	-	-	-	-	-	-	-	-
Tando Allahy	3	19	553,000	5,000	6	0	0	0	49	1	9
Hyderabad	-	-	-	-	-	-	-	-	-	-	-
Matari	3	19	140	200	1	0	0	0	40	1	1
Total	28	248	3,571,321	90,745	20	1,037	732	0	123	21	25

Table 3: DEWS Response in various districts of Sindh Province (wk 01).

Districts	Distributed Items							
	DDK	EHK	Aqua tabs	Li Gas Cylinders	sorted Medic	Bed nets	IEC Material	Others
Badin	-	-	2,500	-	-	-	-	-
Mirpurkhas	0	0	200	0	0	0	50	-
Tharparkar	0	0	0	0	0	10	100	3,550
Tando M. Khan	-	-	-	-	-	-	-	-
Thatta	-	-	-	-	-	-	-	-
Umerkot	0	0	550	0	0	0	100	-
Khairpur	-	-	-	-	-	-	-	-
Dadu	1	0	15,000	0	50	0	1,000	0
Nawabshah	0	0	0	-	0	-	74	0
Jamshoro	-	-	-	-	-	-	-	-
Naushero Feroze	-	-	-	-	-	-	-	-
Sukkur	-	-	-	-	-	-	-	-
Shikarpur	-	-	-	-	-	-	-	-
Jacobabad	-	-	-	-	-	-	-	-
Kashmore	-	-	-	-	-	-	-	-
Ghotki	-	-	-	-	-	-	-	-
Kamber	-	-	-	-	-	-	-	-
Larkana	-	-	-	-	-	-	-	-
Sanghar	-	-	-	-	-	-	-	-
Tando Allahyar	0	0	0	0	0	0	250	0
Hyderabad	-	-	-	-	-	-	-	-
Matari	0	0	0	0	0	0	200	0
Total	1	0	18,250	0	50	10	1,774	3,550

Table 4: Updates on WHO EM activities in various districts of Sindh Province.

District	Alert Response	ESSENTIAL MEDICINES																								
		Assessment						M & E	Capacity Building										Technical Support			Medical Supplies				
		No. of Alerts Reported	Number of Responses	EM supplies	Pharmacies	Ware houses	Availability of EM		GSP	OPD register	Daily Exp. Reg.	Bin Car	Expiry Calendar	Temp log	RUD	GOP	Drug handling	Safe Disposal of	LSS	DDQ	STG	DDK	Vaccines	ARI KIT	EHK	Assorted Medicines
Tando Allahyar	-	2	2	2	-	2	-	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	
T.M.Khan	-	2	2	2	-	2	-	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-		
GHOTKI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	-		
KHAIRPUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37228		
N-FEROZE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	2014		
SHIKARPUR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28		
SUKKUR	-	-	1	-	1	1	1	1	-	-	1	1	1	-	-	1	-	1	1	-	-	150	-	25414		

Table 5: Updates on WHO EH activities in various districts of Sindh Province.

District	ENVIRONMENTAL HEALTH KEY OUTPUTS														
	Case investigation/Assessments				Trainings provided					Supplies					
	Alerts	HF check	water samples collected	Water samples contaminated	To community	HF staff	PHED / TMA / ERSWG	WASH partners	Aqua tabs / purr sachets	Hygiene kits	Wagtech kits	Laundry Soaps/Beauty Soap	Filters	IEC materials	Jerry Cans/Oxfam Bucket with tap
KHAIRPUR	-	3	7	5	-	3	-	-	200	-	-	-	-	50	-
SHIKARPUR	-	-	20	8	4	-	-	-	-	-	-	-	-	100	-

www.whopak.org

WHO is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

Table 6: Updates on WHO HP activities in various districts of Sindh Province.

Health Promotion Activities			
Sr#	District	No .of Health Education Sessions	No of Participants
1	Badin	4	150
2	Shaheed Benazir abad		
	Mirpur Khas		
4	Sanghar	6	109
5	Tharparkar		
6	Umer kot		
7	T.M.Khan	6	128
	Total	16	387

Table 7: Updates Nutrition activities in various districts of Sindh Province

Stabilization Center	OUTPUTS OF NUTRITION STABILIZATION CENTERS																		
	Functional (Yes/No)	Staff (available/Not available)	Registered (A)	Oedema (B)	MUA C<15mm (c)	Other + transform OTP	Total New admissions	Total New & Old Entries	Cured (G)	Death (H)	Default (I)	Transfer Out	Non Cured (J)	Transfer to OTP (K)	Total Exits	Relapse	Average Wt. gain	Average length of stay	Total adm F=A+B+C-E
LUMHS Hy	YES	available	8	0	1	0	1	9	2	0	0	0	0	2	2	0	8.5	7	7
LUMHS Jar	YES	available	5	0	2	0	2	7	2	0	0	0	0	2	2	0	10	7	5
Hala THQ	YES	available	4	0	3	1	4	8	6	0	0	0	0	6	6	0	11.2	7	2
Taluka Ho	YES	available	4	0	5	0	5	9	6	0	0	0	0	6	6	0	8.5	9	3
THQ Ghot	YES	available	9	2	4	0	7	13	4	0	0	0	0	4	4	1	13	10	9
Children H	YES	available	7	2	4	1	6	13	7	0	0	0	0	7	7	0	75	8	6
Civil Hosp	YES	available	5	2	2	0	4	9	4	0	1	0	1	4	6	0	25	7	3
Taluka Ho	YES	available	6	0	4	0	4	10	6	0	0	0	0	6	6	0	12	15	4
Taluka Ho	YES	available	0	0	4	0	4	4	3	0	0	0	0	3	3	0	20	4	1
D H Q Umr	YES	available	2	0	12	0	12	14	10	0	1	0	0	10	10	0	20	5	4
Civil Hosp	YES	available	5	0	3	0	3	8	1	0	0	0	0	1	1	0	23	7	7
Civil Hosp	YES	available	1	0	18	0	18	19	10	0	0	0	0	10	10	0	45	4	8
D H Q Mirr	YES	available	5	0	2	0	2	7	2	0	0	0	0	2	2	0	17	6	5
Civil Hosp	YES	available	0	1	2	0	3	3	2	0	0	0	0	2	2	0	10	7	1
TOTAL			61	7	66	2	75	133	65	0	2	0	1	65	67	1	17	7.4	65