

Information bulletin



International Federation
of Red Cross and Red Crescent Societies

Haiti and the Dominican Republic: Increase in Cholera Cases

Information bulletin n° 1
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This bulletin is being issued for information only, and reflects the current situation and details available at this time.

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During the last week in Haiti, the Alert and Response system of the Pan American Health Organization/World Health Organization (PAHO/WHO) has detected increased alerts of cholera cases compared to previous averages. New hospitalizations were reported around urban areas which raises concerns given the high-density population and poor sanitary conditions. As of 10 May 2011, the Haitian Ministry of Public Health and Population (MSPP) reports 302,401 cases including 5,234 deaths since the beginning of the cholera outbreak in mid-October 2010.

A cholera treatment centre of Médecins Sans Frontières (MSF) in Carrefour reported on 30 May 2011, 240 hospitalizations, 319 new cases of which 99 have been transferred to other cholera treatment centres or units, 46 severe cases and 0 deaths.

According to the Health Cluster bulletin no 25 issued on 31 May 2010, based on the data from the MSPP surveillance system and the MSPP/PAHO alert response system, an increase of cholera cases mainly in the departments of South East, Grand Anse, South and West is observed. From 21 to 23 May a significant increase in cholera cases has also been reported in the metropolitan area of Port-au-Prince.

In epidemiological week 20, the Dominican Ministry of Health reported 224 suspected cases of cholera, of which 156 were confirmed. The Haitian Red Cross and the Dominican Red Cross, both of which have been actively conducting activities since October 2010, are continuing their actions, supported by Partner National Societies and the International Federation of Red Cross and Red Crescent Societies' secretariat (IFRC). The IFRC teams in Haiti and in Santo Domingo continue monitoring the situation in coordination with both National Societies to provide additional support if needed.

The IFRC Emergency Health Coordinator has been deployed to Santo Domingo; the component of the current



IFRC beneficiary communications unit interviewing a doctor and a patient (former CTC of the German Red Cross in Arcahaie). Source: IFRC

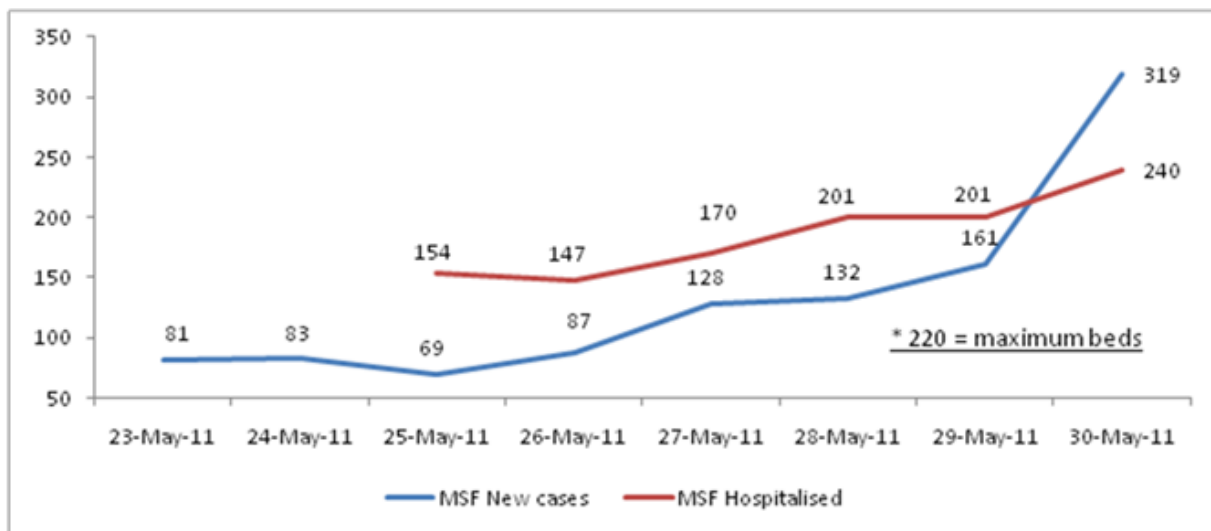
Emergency Appeal MDR49007 relating to cholera prevention and control in the Dominican Republic may be revised in line with the results of the analysis currently taking place and in view of the evolving situation.

The Situation

In Haiti: According to the latest PAHO situation report (31 May 2011), information gathered through the MSPP/PAHO Alert and Response System from health partners and the PAHO/WHO team confirms the upward trend in cholera cases in the metropolitan area and in the surrounding mountainous areas. Appropriate response is being provided. A rapid assessment of the response capacity at the level of cholera treatment centres (CTCs) and cholera treatment units (CTUs) is ongoing to ensure appropriate response can be maintained if this upward trend continues. Epidemiologists from PAHO and the Alliance for International Medical Action (L'Alliance pour l'Action Médicale Internationale - ALIMA), will be supporting the Director of the West Department and the MSPP in the review and analysis of data on current cholera cases, both from the department and the metropolitan area in order to obtain information for trend analysis and operational decision-making in view of the current situation.

New cholera cases have been reported in IDP camps. Coordinated prevention and response activities are being implemented to mitigate the further spread of the disease. As of 31 May, 1,779 beds have been confirmed as functional in the metropolitan area and the potential extended bed capacity in the same area amounts to approximately 2,388 as reported by PAHO. Detailed data of the number of patients seen is currently unavailable, but considering the number of beds confirmed as functional and considering that main CTCs/CTUs report being at full capacity (except Cabaret that has 200 beds available, 1 hour from Port-au-Prince), it is estimated that there are at least 1,500 patients currently admitted in CTCs/CTUs in Port-au-Prince. National authorities, PAHO/WHO and partners remain vigilant and are monitoring the situation closely. In the other departments, regular monitoring and response to possible alerts continues.

In addition, over the last 24 hours a sharp increase in the number of cases was recorded in Carrefour and the surrounding area. MSF alone received 319 admissions. All centres in Léogane and Petit Goâve also reported being at full-capacity. Furthermore, the Haitian National Meteorological Centre issued a weather alert for heavy rainfall for the West department for the next 48 hours, which is could potentially complicate the situation.



Source: MSF CTC in Carrefour

In the Dominican Republic: Statements from the health authorities of the Dominican Republic reported that in the epidemiological week no. 20 there were 224 suspected cases of cholera, of which 156 were confirmed establishing a confirmation rate of 55 per cent. Around 41 per cent of the confirmed cases are from the provinces of Santo Domingo and the National District (Distrito Nacional). Health authorities also mention that during the last two weeks, there have been cases in 18 provinces and 38 municipalities, with the highest rates being from the municipalities of Santo Domingo Este, Distrito Nacional, San Pedro de Macorís, Santiago de los Caballeros y Hondo Valle de Elías Piña, and Poster Rio de Independencia. During this last week there were 9 deaths, of which 3 were confirmed by laboratory tests.

Health authorities keep working alongside partners, including the Dominican Red Cross, to maintain the surveillance, prevention and control campaigns throughout the country. One of the identified needs is the provision of safe water in Santo Domingo where there is a vulnerable section of the population that does not have guaranteed access to potable water and that will also need support to improve sanitation conditions.

Red Cross and Red Crescent action

This information bulletin takes in to consideration the activities that the IFRC, **Haitian Red Cross** and Partner National Societies (PNS) have resumed or scaled up after the increase of cholera patients since 27 May 2011, as well as the recent interventions conducted by the **Dominican Red Cross** in the Dominican Republic. Cholera prevention and control activities of the HRC, the DRC, the IFRC and PNSs are continuing and the latest update on the cholera operation in Haiti and the Dominican Republic is available at the following URL: <http://www.ifrc.org/docs/appeals/10/MDR49007eu5.pdf>

Haitian Red Cross response with IFRC and Canadian Red Cross support: Forty community health mobilization (CHM) volunteers continue disinfecting houses and locations in Carrefour from where the cholera patients are coming in order to avoid the spread of the disease. The HRC has officially decided to move ahead and reopen the Haitian Red Cross–Canadian Red Cross–IFRC CTU on the Carrefour Feuille site. The former Lamentin 54 Canadian Red Cross CTC site has been allocated to Aide Médicale Internationale (AMI). The Canadian Red Cross has also shared with AMI their former layout for this site, as well as a [video](#) of the facility.

The latest developments in opening this site are as follows:

- Approval of the plan by the management of Haitian Red Cross was granted on 31 May 2011;
- On the same date, the site cleanup began under Médecins du Monde (MDM) management;
- A meeting was held between MDM, the HRC and the IFRC to draw up a human resource plan. This plan includes the recall of 45 former Haitian Red Cross and Canadian Red Cross CTC qualified staff, 36 former MDM local staff and 6 MSPP staff (to be covered by the MSPP and remain operating in the longer term), making a total of 87 staff. The IFRC is in charge of the payments of the staff in this CTU for 2 months. The IFRC started preparing a standard package of medicines and equipment for delivery to the CTU site early on 1 June. These items include 1 cholera kit, 300 ringer lactate, infusion set to treat 300 patients and 15 cholera beds.
- A Canadian Red Cross-sponsored technician arrived in Haiti on 31 May 2011. The technician will support the HRC team leader of the CTU and will also report to the IFRC Cholera department.

American Red Cross: is continuing to deploy 200 hygiene promoters in the metropolitan area of Port-au-Prince to hotspots to deliver hygiene promotion and distribute bars of soap, aqua tabs, jerry cans, and oral rehydration salts (ORS) sachets as needed. Mass sensitization will target camps, bus stations, community centres and schools. The American Red Cross is also willing to provide these services in other areas if new outbreaks begin and where there are gaps. This PNS is also continuing to provide ORS sachets through 38 oral rehydration posts (ORPs) in 31 camps in Port-au-Prince. Moreover, additional camps where the American Red Cross works are being assessed for the establishment of up to 20 additional ORPs (with the target of having a total of 50 ORPs in camps). In the North and the North East departments, the American Red Cross is continuing to carry out hygiene promotion activities at schools and in communities and identifying HRC volunteers in priority communes (identified by the MSPP) for cholera prevention and hygiene promotion interventions.

British Red Cross: In Port-au-Prince, treatment continues at the CTU in La Piste JMV camp (run jointly with Partners in Health). The caseload is currently stable at around 50 per cent capacity (between 40 and 50 cases). As suggested by the IFRC on 30 May 2011 to MSF-H, the British Red Cross is accepting additional patients from the MSF Carrefour CTC to support the response to the increased number of cases. The British Red Cross maintains hygiene promotion and related activities in the areas in Port-au-Prince where this PNS is operating: the La Piste JMV camp, the Automeca camp and the Delmas 19 neighbourhood.

French Red Cross: The CTCs supported by this PNS in Tabarre with 180 beds are fully occupied at present. UNICEF is providing a new tent to the French Red Cross to increase the capacities with 25 additional beds. The IFRC cholera team is in contact with the French Red Cross for the provision of logistic support if needed. The IFRC's hygiene promotion team will liaise with the French Red Cross in order to commence cholera prevention and hygiene promotion activities in Gheskio. This PNS also maintains 6 ORPs in 6 main camps in

Port-au-Prince. At present, the French Red Cross is drawing up a resource mobilization plan to support further activities related to cholera.

German Red Cross: This PNS conducted an inventory of the former CTU in Arcahaie, and according to their inventory the structure is available to reopen another CTU if needed, but IFRC logistic support would be needed (in terms of supplies). In order to redeploy the CTU, the former staff also needs to be activated. Furthermore, the on-going cholera prevention activities of the German Red Cross are ongoing.

Norwegian Red Cross: Jointly with the Haitian Red Cross, the Norwegian Red Cross is preparing to respond to an increased number of cholera cases in Petit Goâve and Grand Goâve. Focus has been placed on training and providing refresher training of HRC volunteers in Petit-Goâve (12 sections) and Grand-Goâve (7 sections). Grand-Goâve recently became a part of the Petit-Goâve branch and at present in Grand Goâve the HRC and the Norwegian Red Cross have only 30 trained volunteers in cholera prevention. However, the Norwegian Red Cross with the HRC is in a position to carry out sensitization sessions - outreach - in the communities of Petit Goâve and Grand Goâve starting next week. The HRC and the Norwegian Red Cross continue to provide HRC focal points in the different sections with basic cholera equipment including ORS sachets, bars of soap, aqua tabs, sprayers for disinfection of homes, HTH, protection gear (overall protection, mouth masks, boots, gloves) and body bags.

IFRC: Continuous support through the Cholera Team is provided to the Haitian Red Cross. The IFRC's ability to consistently support the Red Cross partners and their dedicated cholera treatment sites is a consequence of logistics planning in the initial phases of the cholera outbreak to reinforce the supply chain and warehouse management. Refer to **Annex I** to see the current quantities of cholera items available in the IFRC cholera warehouse in Port-au-Prince to be dispatched at any given time if needed.

The IFRC Logistics team is also providing 4,000 flyers and posters on cholera prevention and treatment to the International Committee of the Red Cross (ICRC) for sensitization programmes in Cité du Soleil and Martissant. At the moment, the IFRC has 500 additional flyers in stock. Furthermore, on 30 May the Logistic team was able to deliver 34 cholera beds to the MSF-run CTC in Carrefour within 4 hours of the initial requisition. Thus, the IFRC logistics team is available to respond quickly to any requisition on the above items for cholera related activities of the Haitian Red Cross, Partner National Societies and the ICRC.

The IFRC Water and Sanitation department will start conducting a Knowledge, Attitudes and Practices (KAP) survey this week in the camps, targeting 300 households. The survey will be conducted in IFRC-supported camps where water supply activities are ongoing. Additionally, the Haitian Red Cross branch of Port-au-Prince is ready to start sensitization activities with focus groups such as food sellers, tap taps (local transport vehicles), in markets as well as in the neighbourhoods where cholera cases have been identified.

Furthermore, IFRC beneficiary communications unit resumed the cholera SMS messaging campaign on 31 May 2011; messages were previously sent out in 2010 in the wake of the cholera outbreak. All messages were approved by the MSP and the messages are focused on what cholera is, hand washing, water treatment and how to make home-made ORS. Also the SMS campaign promotes the *733 information line where people can call for additional information.

There will also be a section on cholera on this week's Radyo Kwa Wouj (The Haitian Red Cross radio show). The previous week's Radyo Kwa Wouj show also focused on cholera.

In the Dominican Republic, the DRC is envisaging plans to coordinate with the national organizations that work on water distribution in Santo Domingo to contribute to the treatment, quality control and distribution of safe water in line with the capacities of the National Society. The National Society will support the Ministry of Public Health on the campaigns conducted in Santo Domingo, and will also continue its work with community-based groups, universities and companies.

Two specific meetings took place during last two weeks:

- A meeting was held with the representative of the V Area of the Ministry of Public Health and Social Assistance (Ministerio de Salud Publica y Asistencia Social—MISPAS) on 20 May to discuss actions in areas with new cases. The DRC was requested to support with distribution of safe water, and preventive measures such as hygiene promotion and disinfection.
- A meeting with different governmental authorities (Fire Department, City Council, and the Navy) took place on 27 May to coordinate a disinfection campaign of the riverside area of Ozama River.

On 24 May, the DRC's headquarters also completed a refreshing training for nine volunteers on the methodology for community promotion, general information on cholera and its prevention, including the use of disinfection equipment.

As health education is crucial to ensure the participation of the community, the Dominican Red Cross is focusing on raising awareness of appropriate hygiene practices at the community level and amongst volunteers. In the last two weeks, the DRC has teams of volunteers visiting areas where suspected or new cases have been notified. While a team completes disinfection and cleaning campaigns, another group completes hygiene promotion activities with residents and neighbours, either going from house to house or training community focal points that can do further promotion in a multiplicative effect. At least 515 people have been reached with different preventive activities in these last two weeks. Furthermore, a total of 29,065 people have been reached across the country with messages on the use of safe water, good hygiene practices and epidemic control since the start of the operation in the Dominican Republic.

Another area of work is the continuous training of staff and volunteers in epidemic control focusing on cholera response. The DRC has trained some 238 volunteers since the start of the operation and during the last two weeks the National Society has reached 154 university students and trained them to become facilitators in future activities.

The DRC has focused its activities of the last two weeks on health and hygiene promotion and sanitation.

1- Hygiene promotion/prevention

Date	Área	Activity	People reached
17 May	Cienaga, Distrito Nacional	- Visiting homes and schools - Talks with neighbourhood committees and community based groups -Promotion in public spaces (streets, markets)	Total of 385 people reached 123 students (male) 147 students (female)
19 May	Gualey, Distrito Nacional	-Coordinating meeting with community leaders for a day-long talk on cholera prevention.	9 community leaders
20-21 May	Cienaga, Distrito Nacional	-Talks on hygiene promotion and hydration treatment of patients. -Distribution of safety equipment to community-based group (Grupo Comunitario de la Cienaga-CODECI) for cleaning campaigns	CODECI 200 members, 5 leaders
23 May	Gualey, Distrito Nacional	Talks on cholera prevention Coordinating meeting with neighbours' committees	37 persons 9 community representatives
24 May	Thermopac company	Talk to employees	16 persons
25 May	Hoyo del Bate, Ensanche Quisqueya Santo Domingo	Talk in a hotel where a case was reported	35 persons
27 May	Santo Domingo	Training of medical students at UTESA university, Herrera, as community cholera facilitators	22 students
28 May	Santo Domingo	Training of neighbours' committee members as cholera facilitators 3 talks for university UTESA Ave. Máximo Gómez, students and community groups	45 students
31 May	Santo Domingo	Training of medical students of the university of UTESA, Herrera, as community cholera facilitators	63 students
31 May	Santo Domingo	Training of Haitian medical students of the university of UTESA, Herrera, as community cholera facilitators	23 Haitian students
31 May	Santo Domingo, Newspaper Listín Diario	Cholera sensitization session	29 staff

01 Jun.	Santo Domingo, Newspaper Listin Diario	Cholera sensitization session	16 staff
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The National Society's future plans include the completion of 20 more preventive activities in the first week of June, including more school visits and talks with community groups.

2- Sanitation

Date	Area	Activity	People reached
20-21 May	Ciénaga, Distrito Nacional	Clearing of drainage channels, empty lots and disinfection of latrines, kitchens, dormitories.	
21 May	Barrio San Carlos, Santo Domingo	Disinfection campaigns in 2 small hotels, homes and areas around them	2 small hotels (40 rooms) 9 homes
24 May	Ensanche Quisqueya, Sector Hoyo del Bate, Santo Domingo	Disinfection of 1 home and clearing of areas around the house	
25 May	Zona V, Santo Domingo	Disinfection of a hotel where a case was reported	
31 May	Comunidad El Dique, Santo Domingo Este	Disinfection of the area where a case was reported	132 homes

The IFRC's Emergency Health Coordinator arrived today, 1 June in Santo Domingo in order to work closely with the Federation's Regional Representation and the Dominican Red Cross on monitoring the situation and developing further plans, as necessary. If required, the component of the Federation's Emergency Appeal relating to the prevention and control of cholera in the Dominican Republic may be revised and expanded.

How we work

All International Federation assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

The IFRC's work is guided by [Strategy 2020](#) which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace.

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ANNEX I

Table: Current quantities of the cholera items available in the IFRC cholera warehouse

Item description	Initial stock	Unit	Total
(pool test) TABLET DPD1 for dosing free chlorine	685	box	685
BODY BAG, U shaped zip bag, white opaq., 2.2x0.8m, 200micron	1,325	pcs	1,325
BUCKET, plastic, 14L with clip cover	25	pcs	25
BUCKET, plastic, 14L with clip cover	25,260	pce	25,260
Bucket with tab	384	pce	384
CHLORINE (HTH), 60 to 70%, 45kg drum	2	drum	2
Cholera Bed - RIGID FRAME, for cholera, plastified canvas with hole	174	pcs	159
CHLORINE, 20mg (NaDCC 33mg), for 5L water, 1 tablet	3,760,000	pce	3,760,000
CHLORINE, 20mg (NaDCC 33mg), for 5L water, 1 tablet	3,170,000	pcs	3,170,000
CHLORINE, 20mg (NaDCC 33mg), for 5L water, 1 tablet	20,000,000	pcs	20,000,000
Coverall/ combinaisons 1box=25pcs, large	2,473	pcs	2,473
Coverall/ combinaisons 1box=25pcs, extra large	2,150	pcs	2,150
CHOLERA TEST, "CRYSTAL VC", rapid, kit for 10 tests (Box of 600)	1,380	pcs	1,380
CHOLERA TEST, "CRYSTAL VC", rapid, kit for 10 tests (Box of 600)	4,400	pcs	4,400
TENT, DISPENSARY, 27.5 m2, w/o groundsheet, (5,5 x 5 m)+ BAG	2	pcs	2
DISP.LATEX.GLOVES (Large) (100 Per Box)	600	pce	600
Flyers on treatment in a Cholera Outbreak	30,286	pcs	29,286
Disposable Latex Gloves large 1box= 100 pce	19,400	pcs	19,400
Disposable Latex Gloves medium 1box=100 pce	19,900	pcs	19,900
IV Cannula G 20,1.1 x 33 mm, teflon, with inj, Site, pink (1 box=50 pcs)	1,050	pcs	1,050
IV Cannula G 20,1.1 x 33 mm, teflon, with inj, Site, pink (1 box=50 pcs)	1,400	pcs	1,400
IV Cannula G 22,0.9 x 25 mm, teflon, with inj, Site, Blue (1 box=50 pcs)	1,100	pcs	1,100
IV Cannula G18,1.3 x 45 mm, teflon, with inj, Site, green (1 box=50 pcs)	6,950	pcs	6,950
IV Cannula G18,1.3 x 45 mm, teflon, with inj, Site, green (1 box=50 pcs)	19,000	pcs	18,900
IV Cannula G 20,1.1 x 33 mm, teflon, with inj, Site, pink (1 box=50 pcs)	17,000	pcs	17,000
IV Cannula G 22,0.9 x 25 mm, teflon, with inj, Site, Blue (1 box=50 pcs)	16,000	pcs	15,900
IV Cannula G24, 0.7 x 19 mm, teflon, with inj, Site, Yellow (1 box=50 pcs)	19,950	pcs	19,950
JERRYCAN, foldable,10L, food grade plastic, zipper closing	19,110	pcs	19,110
JERRYCAN, foldable,10L, food grade plastic, zipper closing	2,475	pce	2,475
KIT, CHOLERA, IFRC, Volunt. + Treat. Modules, 1200 patients	1	kit	1
KIT, CHOLERA, IFRC, Infusion kit for 100 patients	1	kit	0
ORAL REHYDRATION SALTS (O.R.S),sachet 27.9 g/1L 1box= 625 sachets	260,100	sachet	260,100
ORAL REHYDRATION SALTS (O.R.S)_sachet 20,5g/1L 1box= 800pce	144,000	sachet	144,000
ORAL REHYDRATION SALTS (O.R.S)_sachet 20,5g/1L 1box= 800pce	550,000	sachet	550,000
POOL TESTER + accessories	11	pcs	11
Poster Treatment for Cholera outbreak	40 000	pcs	40 000

Poster Prevention For Cholera Outbreak	36,883	pcs	35,883
Protective mask for direct work with hihg consentrine HTH	100	pce	100
IV Infusion sets 20 drops/ml 1box = 6x50pcs	31,700	pcs	30,700
RINGER LACTATE injection usp 1000ml 12 per box	16,200	liter	16,200
Infusion Set 21G	11,396	pcs	11,096
Infusion Set	8,420	pcs	8,420
RINGER LACTATE, 1L, 12 per box	16,714	liter	16,414
RINGER LACTATE, 1L, 12 per box	35,000	liter	35,000
IV Infusion sets 21G 1BOX=400set	17,200	pcs	17,200
Set protective for spraying Chemicals (KSANSPROSP1), size L	200	pce	200
Set protective for spraying Chemicals (KSANSPROSP1), size XL	200	pce	200
Soap, 80g, 72pcs per box, CODI, Cocounut flavour	131,544	bar	131,544
Soap, 80g, 72pcs per box, CODI, Lemon flavour	34,776	bar	34,776
Soap, 100g, GIV	1,875,000	bar	1,875,000
Sprayer, 16liter	124	pce	124
KIT, CHOLERA, IFRC, Volunt. + Treat. Modules, 1200 patients	1	kit	0
Cholera Kit (34 boxes) =Treatment volunteer= 32 box of 1/8 to 8/8x4 = treatment module = 2box of 1/2 to 2/2 (KMEDKCH002) for 1200 patients	10	kit	10
Quick lime, Calsium powder 40kg bags for burying bodies	22	bag	22