



No children were separated and lost during Cyclone Pam. Families and friends ensured that all children were taken and kept in safe places when Cyclone Pam struck their homes and neighbourhoods.

Credit: UNICEF/2015/SOKHIN

Cyclone Pam Humanitarian Situation Report 15



8 – 13 April 2015

Highlights

- 17,105 children (69 per cent of target) have been immunized for measles in Shefa, Sanma and Tafea Provinces, Vanuatu. The immunization campaign (measles and rubella) continues on Tanna.
- Participants in a UNICEF-supported orientation produced eight books for children and 10 posters for children and caregivers on psychosocial support.
- Approximately 10,000 affected children to be reached in Tafea Province through Ministry of Education & Training with UNICEF education supplies this week.
- 2,596 mothers of children under 24 months of age received basic infant and young child feeding practices counselling in Sanma Province.
- 37 per cent of the affected population reached in two provinces with hygiene kits through cluster coordination led by the government with UNICEF support
- Full consignment, (enough for all children), of school supplies expected to arrive on the most affected islands of Tuvalu.
- Detailed assessments expected from affected islands in Kiribati and Solomon Islands after delays due to slow boat travel

Appeal:

UNICEF needs US\$7.72 million over the next nine months

Vanuatu:

166,600 people on **22 islands** affected, including **82,000** children

30,000 people affected on Tanna Island, with 50 per cent of homes destroyed

30,000 children targeted by Education Cluster (Early Childhood, Primary and Secondary)

At least **22,000** children need temporary safe learning spaces

17,105 children under 5 years of age have been reached by immunization teams

Kiribati: emergency supplies being cleared at port

Overview

One month after Tropical Cyclone Pam hit on 13 March, UNICEF has secured 70 per cent of the funds required in its initial appeal to deliver life-saving aid to thousands of children and their families in Vanuatu and other affected countries. The most critical gap remaining is for education.

The shipment, allocation, distribution and monitoring of supplies to affected children, women and men at the provincial level is crucial to the response. As external support is withdrawn, including from the Australian, New Zealand, and French militaries, transport of supplies to affected islands must rely on expensive and limited availability of commercial options.

UNICEF and other humanitarian partners continue to work closely with the Government of Vanuatu's National Disaster Management Office (NDMO) to implement the immediate response plan. The state of emergency for Vanuatu lapsed on 12 April 2015 (NDMO SitRep, 6-7 April). UNICEF continues to support ongoing humanitarian relief in some areas, while simultaneously beginning early recovery work in other areas. UNICEF is participating in the Post Disaster Needs Assessment (PDNA) requested by the Government of Vanuatu. By the end of April, a Joint Action Plan and Government Response Plan will be finalised for the recovery period.

Humanitarian leadership and coordination

The NDMO continues to coordinate the response with support from various agencies. The United Nations has set up an online Humanitarian Response page (<https://www.humanitarianresponse.info/operations/vanuatu>) as the central repository of documents generated in support of the coordination effort related to Tropical Cyclone Pam.

General coordination and response planning support is being provided to the government by the United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA). Humanitarian affairs officers are providing support to the NDMO on donor relations, reporting, information management and public information. The government-led Second Phase Harmonized Assessment was finalized on 8 April. A total of 132 enumerators from government agencies and partners identified needs, responses and gaps across Vanuatu's 22 affected islands. A comprehensive report will be issued on 16 April.

UNICEF is also supporting the PDNA through the provision of a WASH consultant who is providing the government with technical support. UNICEF will continue to ensure that needs and gaps relating to children and women are adequately reflected in the assessment. The findings of PDNA report will inform the Partners' Joint Action Plan, which will support the Government Response Plan; both are targeted for finalisation by 27 April.

Start of humanitarian response: 14 March 2015			
Estimated Affected Population: 166,600 (Source: Flash Appeal launched on 24 March 2015)			
	Total	Male	Female
Total Affected Population	166,600	83,300	83,300
Children Affected (Under 18) ¹	82,000	41,000	41,000
Children Under Five ²	29,332	15,282	14,050
Children 6 to 23 months ³	8,800	4,580	4,220
Pregnant women ⁴	7,650	N/A	7,650

¹ NDMO's estimated number of affected children is 70,000. However, the total number of children residing in the affected provinces exceeds this estimate.

² Number of children aged under 5 in five affected provinces (SOURCE: NDMO projected figures in 2013).

³ Number of children aged 6-23 months in five affected provinces (SOURCE: NDMO projected figures in 2013 & WHO Emergency tool 6.3 Ref Values, March 2012).

⁴ Number of pregnant women in five affected provinces (SOURCE: NDMO projected figures in 2013 & WHO Emergency tool 6.3 Ref Values, March 2012).

UNICEF response



Education

The latest data show that one school was completely destroyed in Penama Province. According to the Ministry of Education and Training, 180 classrooms were destroyed, 75 suffered major damage and 8,700 primary-school aged children were affected in Tafea Province (NDMO SitRep 6-7 April). Education infrastructure asset assessments are being compiled in the provinces of Tafea, Torba and Malampa.

The UNICEF-supported orientation on psychosocial support for children concluded on 11 April, with participants producing eight books for children and 10 posters for children and caregivers. The materials are the first in the Bislama language that address both the psychosocial needs of children post Cyclone Pam as well as disaster risk reduction. Topics covered include immunization and children's fears of immunization, how caregivers can address children's fears and support their resiliency, positive deviance approaches, through which children can help to prepare for another disaster, and how adolescents can support their younger siblings' holistic development. The materials include numerous stories that are inclusive of children and adults with disabilities. All of the materials promote a Communication for Development approach, where children and adults become agents of change in their own lives. The orientation closed with remarks from the government representative who stated that the materials can change the way that caregivers in Vanuatu relate to their children, not only during emergencies but in everyday life. On 13-15 April, UNICEF will conduct a follow up workshop for teachers and frontline child protection workers on how to use these newly produced materials.

Through Ministry of Education & Training approximately 10,000 children in Tafea Province will be reached later this week through the provision of UNICEF education supplies. During the past week UNICEF provided the Ministry of Education and Training with much-needed supplies in Tafea, including five 24-square metre tents, eighty-eight 42-square metre tents, thirty-three 72-square metre tents, fifty-seven 20-square metre tarpaulins, 254 school-in-a-box kits, 73 recreational kits, 73 early childhood development kits and 9,599 backpacks. In addition, UNICEF has handed over 21 rolls of tarpaulin (4 metre by 50 metre) to the government for Shefa province.

On 12 April, UNICEF supported the government with the shipment of supplies to the Tafea Outer Islands of Aneityum, Aniwa, Erromango and Futuna, including three 24-square metre tents, eight 42-square metre tents, four 72-square metre tents, 11 tarpaulins, 30 school-in-a-box kits, 10 recreational kits, 12 early childhood development kits and 800 student backpacks.



Health and Nutrition

A total of 17,105 children 6–59 months of age have been vaccinated against measles or measles and rubella in Shefa, Sanma and Tafea Provinces with UNICEF support. Thus, 69 per cent of the targeted 24,826 children under five years of age have been reached with vaccination, vitamin A supplementation, deworming drugs and soap in the affected areas of Efate, Santo and Tanna. Children in Santo and Tanna also received a dose of rubella vaccine. While vaccination efforts are ongoing in Tanna, including the distribution of oral rehydration salts (ORS), communications challenges make frequent updates difficult. On Santo, vaccination is almost complete. UNICEF is working with a range of partners in these vaccination activities, including the Ministry of Health, the World Health Organization (WHO), Save the Children and World Vision.

As of 9 April, five health facilities in Efate had their cold chain equipment restored to functional status after refrigerators and solar panels were repaired. These include Imere Health Centre (South Efate), Erakor Health Centre (South East Efate), Poananguisu Health Centre (North Efate) and Nguna Health Centre (North Efate). The central cold store was restored to functional status on the first day of the response.

UNICEF has provided eight sets of solar powered refrigerators, which are now in country and ready for installation in eight health facilities in the provinces of Malampa, Penama and Sanma. These include Lensaires and Tenmaru Dispensaries on Malekula, Port Vato Dispensary on Ambrym, Kerepei Health Centre on Maewo, Point Cross Health Centre on Pentecost, and Port Olry, Hog Harbour and Fanafo Health Centres on Santo. Procurement and shipment of an additional 25 sets is ongoing.

Through UNICEF support to the Ministry of Health, and in partnership with Save the Children, as of 8 April 2,596 mothers of children under 24 months of age had received basic infant and young child feeding practices counselling in Sanma Province. Some 5,192 children had been screened for acute malnutrition. All eight sentinel sites on Efate in Shefa Province have received measurement of mid-upper arm circumference (MUAC) screening orientation. Nutrition surveillance is now active on Efate and data are expected to be received this week as part of the WHO syndromic surveillance. On Efate, eight health facilities have received basic orientation on infant and young child feeding practices counselling. The arrival of much-needed supplies of micronutrient supplements and MUAC tapes into Port Vila will support this work.

UNICEF supported the assessment of three inpatient treatment facilities for severe acute malnutrition (SAM) in Tanna, Santo and Port Vila. This will enable the provision of targeted support. UNICEF is also currently working with the Ministry of Health to incorporate a micronutrient component into the National Nutrition Policy.

UNICEF continues to actively participate in the Health Cluster and the working groups on reproductive health (RH) and public health (PH). Through these coordination mechanisms, UNICEF responded to the Ministry of Health's request for immediate resumption of the Maternal and Child Health/Antenatal Clinic and Family Planning Clinic located in Lenakel Hospital in Tanna through the provision of a 72-square metre tent. The government is committed to ensuring the immediate restoration of services in this clinic in coordination with the Lenakel Provincial Hospital Manager, UNICEF, United Nations Population Fund (UNFPA) and WHO. The military teams in Lenakel will assist with the setup of the tent.

During the upcoming week, the RH Working Group will be informed of the results of the health facility assessment conducted 1-10 April. The results will guide the restoration of health facilities that have had their maternal and child health (MCH) services, including newborn services, disrupted. The working group has raised concerns around human resource gaps, particularly within the public health teams at subnational levels, which have been severely undermined during the emergency and in which there were pre-existing gaps prior to the cyclone. UNICEF has proposed the inclusion of a Logistics and Supply Working Group under the PH Working Group to assist in ensuring immediate availability of all essential public health commodities in the affected health facilities.

Preliminary results from the government-led multi-cluster assessment indicate that while many health facilities are functioning, they are not fully functional. Services most affected are MCH services and neonatal care. Through interagency coordination with WHO and UNFPA, and in consultation with the Ministry of Health, UNICEF is consulting on short-, medium- and long-term strategies to ensure MCH services are re-established. Strategies include, amongst other things, provision of temporary facilities, supplies, human resources and training.

Emergency disease surveillance systems indicate increased cases of diarrhoea, influenza-like illness, conjunctivitis and (possibly) yaws. Through UNICEF support, the Central Medical Store is now stocked with a range of commodities including micronutrient supplements, albendazole, haemoglobin test kits, ORS, zinc, amoxicillin and eye ointments.



Water, Sanitation and Hygiene (WASH)

Through UNICEF's coordination and logistical support to the WASH Cluster, approximately 40,000 people have been reached with hygiene kits (37 per cent of the affected population). An additional 8,000 hygiene kits are already placed on the various islands in readiness for distribution, which will reach another 40,000 people. UNICEF is also supporting a number of WASH Cluster NGO partners, including OXFAM, Save the Children, International Medical Corps (IMC) and the Adventist Development and Relief Agency (ADRA), while collaboration is being finalized with the Red Cross and CARE.

UNICEF is supporting ongoing emergency water distribution to the Shepherd Islands in collaboration with the Department of Geology, Mines and Water Resources (DGMWR), Red Cross, private yachts, the *HMAS Tobruk* and the *HMNZS Canterbury*. This has been complemented by the distribution of tarpaulins to 842 households to restore rainwater catchment. More than 3,000 water bottles and an additional 100 tarpaulins were distributed on 9 April to Emae, Tongoa, Tongariki, Buninga, Mataso and Makira in coordination with the Logistics Cluster and the Australian Defense Force.

The WASH Cluster is supporting emergency water supply in Tanna and Efate with the deployment of generators, water treatment plants and water trucks. UNICEF is supporting Teoumaville and a school on West Efate with generators. In addition, the Red Cross is serving Mele (Efate) and North Tanna, ADRA is serving North Efate, Oxfam is serving communities around Port Vila with water trucking, and the New Zealand Defense Force has deployed generators to West Tanna.

UNICEF has supported the WASH Cluster in ongoing assessments of water systems through the use mobile phone technology with its partner AKVO. The first round of the multi-cluster assessments have been presented to the NDMO. The second round of data collection is being analyzed. All data was collected by national staff from the DGMWR and ADRA.

Current gaps include the need for more generators to operate water systems in locations outside of Port Vila, especially in Tanna.



Child Protection

36 recreational kits were distributed in Shefa, Tafea and Malampa Provinces through UNICEF support to the Ministry of Youth Development and Training. This week at least 190 adolescent girls and boys will be oriented in Port Vila as peer educators to facilitate psychosocial support. Then, at least 21,526 girls and boys in Shefa (Efate and Shepherds Islands), Tafea and Malampa Provinces are expected to benefit from psychosocial support facilitated by these peer educators with recreational kits in a partnership with the Vanuatu National Youth Council and the Just Play Sports for Development Programme.

We have received anecdotal evidence that affected families lost registration and documentation for children which is essential to receive social services. In order to ensure all children have access to these services in affected areas, UNICEF, in support of the Ministries of Justice and Community Services, Internal Affairs and Youth Development and Sports, together with the Just Play Sports for Development Programme, will launch a nation-wide multi-media campaign promoting free birth registration on 23 April. The campaign, which will cover 15 islands across all six provinces of Vanuatu, will build awareness using SMS text messages, radio ads, sports festivals and community outreach activities. The campaign will begin in Tanna Island, with six civil registry and vital statistics teams being deployed to mobile registration centres.

Communication for Development

UNICEF is supporting the Health and WASH Clusters with the standardising key messages on health and hygiene promotion, which has been disseminated to the affected population through Radio Vanuatu.

UNICEF has documented stories on the impact of Tropical Cyclone Pam from Tanna in Tafea Province, including stories on children with disabilities. Stories, photographs and videos will be shared during the upcoming week.

To promote birth registration, UNICEF is also exploring the use of SMS text messages to disseminate key messages to communities across Vanuatu through Digicel Vanuatu, including two-way communication and real-time data collection and analysis.

Communication/External Relations

UNICEF has prepared a number of human interest stories that are ready to be shared. For example, UNICEF documented the arrival of supplies on 9 April from Copenhagen to Vanuatu (via Noumea). A professional photographer is in Tuvalu to photograph and document the impact of the cyclone in the outer islands and UNICEF's contribution to the relief efforts.

This week new stories will be available on the Just Play Programme and the use of sport and play for psychosocial support for children affected by Tropical Cyclone Pam. There will also be a feature story/blog on the production of child-friendly materials and updates on UNICEF's work for the one month anniversary of the cyclone hitting Vanuatu.

UNICEF is working on coordination and planning for upcoming visits to Vanuatu, including of the Vice President of the Federation Internationale de Football Association (FIFA), the President of the Oceania Football Confederation (OFC), a television crew from New Zealand and UNICEF National Committee representatives.

UNICEF continues to support fundraising efforts, including through the Champions League in Fiji (Ba and Suva) from 11–26 April.

Supply and Logistics

UNICEF continues to support the NDMO through a National Logistics Coordinator in Port Vila. UNICEF is providing humanitarian stakeholders further support through a cost-shared transit warehouse to facilitate the breakdown of bulk imports into smaller shipments for inter-island freight forwarding.

During the past week, there was an increase in stock dispatches to programme partners and counterparts, with over 70 metric tons of emergency supplies valued at US\$500,000 distributed. The Logistics Cluster has increased its storage capacity by an additional 500 cubic metres by installing a temporary storage facility.

UNICEF Logistics has established partnerships with NGOs CARE International and Act for Peace to continue supporting the emergency response and the recovery phase, which will be require substantial supply inputs.

Funding

UNICEF Pacific and its field office in Vanuatu are very grateful to have received funds from Australia, France, Japan, the United Kingdom, Estonia, the UNICEF National Committee for Australia, the UNICEF National Committee for New Zealand, the UNICEF National Committee for the United Kingdom, the Japan Committee for UNICEF, the United States Fund for UNICEF, the UNICEF National Committee for France and UNOCHA. These contributions have allowed UNICEF to reach children and families with much-needed support.

	Cluster 2015 Target	Cluster Total Results	UNICEF 2015 Target ⁵	UNICEF Total Results
NUTRITION				
Number of targeted caregivers of children 0-23 months with access to IYCF counselling	6,500	2,596	6,500	2,596
Number of children 6-59 months receiving micronutrient supplementation	12,500	Procurement in Progress	12,500	Procurement in progress
HEALTH				
Number of children 6-59 months vaccinated for measles	25,000	17,105	25,000	17,105
Number of national cold room and cold chain equipment restored	31	5	31	5
Number of affected primary health care facilities with adequate new-born care kits and services	60	Planning	25	Planning
WATER, SANITATION & HYGIENE				
Number of emergency-affected population provided with access to safe water as per agreed standards	110,000	20,000	70,000	7,000
Number of emergency-affected population provided with sanitation and hygiene supplies	110,000	40,000	70,000	2,000
Number of emergency-affected population benefiting from hygiene and sanitation promotion	110,000	Planning	70,000	Planning
Percentage of affected communities dependent on only one water source with back-up source identified	70%	Planning	70%	Planning
CHILD PROTECTION				
Number of children and adolescence provided with access to safe spaces for trauma relief through psychosocial support, socialization, play and learning	20,000	Planning	20,000	Planning
Number of parents/caregivers provided with information on reducing psychosocial stress	6,400	Planning	6,400	Planning
Number of youth, girls and boys trained as peer educators on prevention of violence	100	Planning	100	Planning
Number of service providers trained on child protection in emergencies	350	Planning	350	Planning
Number of children provided with replacement birth registration documentation	6,400	Planning	6,400	Planning
EDUCATION				
Number of affected preschool and primary school children with access to temporary learning spaces (TLS)	22,000	TBC	16,000	TBC
Number of education service providers (ECE and Primary) trained in psychosocial support and DRR messaging	To be determined	Planning	944	Planning
Number of emergency-affected children (ECE & Primary) accessing psychosocial support and DRR key messages	To be determined	Planning	10,000	Planning

⁵ Targets are for Vanuatu

Tuvalu, Solomon Islands and Kiribati

TUVALU

The impact of Tropical Cyclone Pam was severe on some islands in Tuvalu (particularly Nui and Nanumaga), largely due to the storm surge. There are an estimated 900 school-aged children on the affected islands. Funafuti, the most populous island with approximately 4,500 people, was comparatively unaffected by the cyclone.

Initial rapid assessment reports from the central islands of Nui, Vaitupu, Nukufetau, Nanumaga and Nanumea indicate that life is normalizing, with power returning, a low prevalence of communicable diseases, sufficient water supplies (except for those of destroyed households and clinics) and adequate food and fuel stocks to meet immediate needs. Medium- and long-term recovery measures will become increasingly important as relief supplies reach the islands. Agricultural recovery will be particularly important because of the almost total loss of crops and extensive loss of livestock. The state of emergency for has been lifted in Tuvalu.

UNICEF health and WASH supplies, including an emergency health kit containing medicine and supplies for 1,000 people for three months, as well as 4,000 ORS packs, were delivered to Funafuti by a charter flight from New Zealand, and further delivered to central and northern islands. In collaboration with the Ministry of Public Health, the Secretariat of the Pacific Community (SPC) and Red Cross, UNICEF is facilitating information dissemination to advise communities on measures to protect their health.

A French Air Force aircraft from Nadi delivered relief and recovery supplies on 29 March, including 320 kg of UNICEF supplies, 70 school backpacks, stationery supplies, and lunch boxes for approximately 80 early childhood care and education centers. A second consignment is expected soon via sea freight from Suva.

Assessment results from the Ministry of Education, Youth and Sports (MEYS) will be finalized soon, which will determine further release of education in emergencies supplies. UNICEF is participating in discussions with the government and partners around the role of schools as evacuation centers and their preparedness for disasters.

SOLOMON ISLANDS

Tropical Cyclone Pam brought heavy rain to most provinces in Solomon Islands. Temotu province experienced hurricane force winds as the cyclone intensified and moved out of Solomon Island territory. Initial assessments confirmed significant damage to houses, food gardens and fruit trees as well as flooding and contamination of water sources. Agriculture, fishing, health and infrastructure have all been severely affected. Access to communities has been difficult or impossible due to flooding, fallen trees and very rough seas.

As reported by the provincial emergency center, a total of 631 houses suffered partial damage and 105 were totally destroyed in central eastern and southern divisions of Malaita, while 447 kitchens were partly damaged and 16 destroyed. Landslides and floodwater have damaged water supply pipes, storage tanks and dams. The Rural Water Supply and Sanitation (RWSS) office in Malaita is finalizing a response plan.

The initial response team which visited Temotu province was able to restore water supply in the island of Anuta (total population 247 people), and also distributed 83 water collapsible containers donated by UNICEF. Although Tikopia Island (total population 1,400) did not suffer severe damage, there is a need to improve water supply systems. The initial assessment of 13 schools in Temotu province showed no major infrastructural damage, although most schools will need minor repair work. Teachers in all schools will need support for food supplies, as their food gardens were destroyed.

UNICEF is supporting the WASH Cluster in responding to the impact on water and sanitation. It has provided non-food items including soap, chlorine tablets and collapsible containers for use in Temotu Province. It is also providing WASH containers and soap for use in the preparation of 305 household kits for other affected areas. Initial WASH supplies were delivered by sea to the remote outer islands of Temotu province by the Ministry of Health and the medical services assessment team.

KIRIBATI

Four metre-high waves were experienced in Kiribati on 13 March (where the highest point is 3 meters above sea level), causing extensive damage to the Dai Nippon Causeway and to many sea walls on the main atoll of Tarawa. The impact of the cyclone was strongest on the southern islands, particularly Tamana and Arorae. The disaster management committee is monitoring the emergency response and is assisting communities to build or strengthen sea walls.

According to initial assessments from joint teams dispatched by the government, in which a UNICEF staff member participated, 20 houses along the shore of the southern island of Arorae (estimated population 1,076, including 33 children under 5 years of age) were destroyed, and families have found temporary shelter in schools and community centers. The government's relief supplies arrived at Arorae on 26 March, bringing cargo, food and household relief supplies, as well as ORS, zinc and essential drugs to respond to an increased number of diarrhoea cases.

On the southern island of Tamana, (estimated population 857, including 72 children under 5 years of age), almost 60 per cent of households were affected, and 65 houses completely destroyed. The affected families are relocating inland to rebuild and are staying with other families. The government relief boat delivered a water pump and five large tanks for water collection and distribution, shovels, wheelbarrows, electric saws, tarpaulins, mosquito nets and household relief items. The Ministry of Health has also sent extra supplies of ORS, zinc and essential drugs to the islands.

A small amount of UNICEF emergency supplies are available from pre-positioned stocks in Tarawa, and an additional consignment arrived in Tarawa on 24 March. A UNICEF officer deployed from Fiji is in Tarawa to support the response.

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