

# Tropical Cyclone Harold

## Vanuatu National Health Situation Report #5 - 30 April 2020



### HIGHLIGHTS

- ❖ 3 deaths, 85 injuries and 37 referrals have been reported to NHEOC as a direct impact of TC Harold.
- ❖ There have been reports of increases in communicable diseases. NPH has reported 3 confirmed dengue cases from Santo. Malaria cases have been reported in Santo, Malekula and Pentecost but it needs to be confirmed if these signify an increase resulting from TC Harold. NPH has also reported 5 deaths for which test results are pending.
- ❖ 51 Health Facility Assessments have been completed; these indicate widespread and severe damage particularly in Sanma and Penama.
- ❖ 20 Emergency Medical Teams or specialist health teams have been deployed to the three most affected provinces; a total of 2,333 patients have been seen.
- ❖ Other health sector response activities are underway eg. re-stock of medical supplies, restoration of cold chains, ramp up of syndromic surveillance, community awareness activities, vector control response.

### BACKGROUND

On 06 – 07 April 2020, Severe Tropical Cyclone Harold made landfall in Vanuatu and caused widespread damage. The National Disaster Management Office identified health as a sector of immediate need in Sanma, Malampa and Penama provinces. This Report produced by the National Health Emergency Operations Centre (NHEOC) presents a brief overview of the health situation and health sector response to TC Harold by national and provincial teams operating through Health Emergency Operations Centers.

For further information and earlier Situation Reports, please see: <https://moh.gov.vu/index.php/pages/tc-harold>

### CURRENT HEALTH SITUATION

The direct impacts of TC Harold on the health of the population in affected areas have been deaths and injuries resulting from building collapse, fallen objects, wind-strewn debris, drownings or pre-existing illness (Table 1).

Table 1. Direct impact of TC Harold, as reported to NHEOC by 30 April 2020 at 9.00am Port Vila time

Province	Sanma	Penama	Malampa	All
Estimated number of persons in affected areas <sup>a</sup>	53,344	32,055	40,917	<b>159,474<sup>^</sup></b>
Health facilities <sup>b</sup> in severely cyclone-affected areas <sup>c</sup>	31	14	13	<b>58</b>
Confirmed deaths as a direct result of cyclone	1	2	0	<b>3</b>
Persons injured as a direct result of cyclone	56 <sup>d</sup>	29	tbc	<b>85</b>
Referrals/medevacs <sup>e</sup> to provincial or regional referral hospital as a direct result of cyclone	14	3	tbc	<b>17</b>
Referrals/medevacs <sup>e</sup> to VCH as a direct result of cyclone	12	8	tbc	<b>20</b>

tbc = to be confirmed; <sup>a</sup> from NDMO estimates as of Situation Update 02 (08 April 2020); <sup>^</sup> includes affected population in Torba (10,102) and Shefa/Shepards Group (23,056) <sup>b</sup> includes hospitals, health centres, dispensaries, clinics and aid posts; <sup>c</sup> based on predicted maximum sustained windspeeds equivalent to Category 3-5 cyclone; <sup>d</sup> includes antenatal and paediatric cases; <sup>e</sup> includes injuries reported in NPH Emergency department, NPH OPD, SANMA EMTs and SANMA Health Facilities.

There have been reports of increases in communicable diseases following TC Harold, some of which are undergoing confirmation or verification:

- **Vector-borne diseases:** 3 confirmed dengue cases at Northern Provincial Hospital (NPH); malaria cases in Santo; 1 confirmed malaria case in Pentecost (likely imported from Santo); 8 malaria cases in Torba; new malaria cases in Malekula resulting from previous malaria patients not completing treatment. It is yet to be confirmed if these constitute an increase in malaria transmission because of TC Harold.
- **Respiratory diseases:** Influenza-like illness commonly reported or seen at health facilities in Sanma.

- *Water-borne diseases:* Watery diarrhoea commonly seen at health facilities in Sanma, with increases noted in Malampa. Some reports of increases in skin diseases.
- *Other:* 5 deaths at NPH suspected to be caused by leptospirosis (results pending); reports of conjunctivitis in Sanma, Malampa and Penama (with cases also noted in Penama before the cyclone).

Cold chains were assessed to have been damaged in 20 of the 41 facilities assessed (9 in Sanma, 10 in Pentecost, 1 on Ambae). There have been reports that medications for non-communicable diseases are difficult to find. Malnourishment has been reported in some areas (especially in Malampa) and further assessment is needed. Many people in affected areas are preoccupied with finding food, shelter and medication.

## HEALTH FACILITY ASSESSMENTS

Results have been reported for a total of 51 health facilities in areas in the three provinces most affected by the cyclone (Table 2, Appendix 1). More details are available here: <https://moh.gov.vu/index.php/pages/tc-harold>. Priority was given to conducting assessments in hospitals, health centres and dispensaries, although some aid posts were included; assessments of aid posts and clinics will be conducted as resources allow. **Note that results below are for facilities surveyed in affected areas of each province, and not for all health facilities in the entire province.**

*Table 2. Results of 51 Health Facilities Assessments by proportion (and number) of health facilities\* surveyed in affected areas, as reported to NHEOC by 30 April 2020 at 9.00am Port Vila time. Red = ≥50%, Orange = 25-49%*

Province	Sanma	Penama	Malampa	All
Health Facility Assessments completed for facilities in affected areas	32	12	7	51
Buildings moderately or severely damaged	69% (22)	75% (9)	29% (2)	63% (31)
Medical equipment moderately or severely damaged	41% (13)	50% (6)	29% (2)	41% (20)
Medical supplies moderately or severely damaged	41% (13)	42% (5)	29% (2)	37% (18)
Facility access very difficult or with obstacles	41% (13)	58% (7)	29% (2)	45% (22)
Referral system not functioning	25% (8)	33% (4)	14% (1)	27% (13)
Water supply insufficient or interrupted (not enough)	50% (16)	67% (8)	14% (1)	47% (23)
Water cloudy, pipes broken or contamination sources nearby	63% (20)	75% (9)	29% (2)	63% (31)
No functioning toilets	28% (9)	33% (4)	0% (0)	24% (12)
No power after cyclone	31% (10)	33% (4)	0% (0)	29% (14)
Reports (or rumours) of increase in illness	9% (3)	17% (2)	14% (1)	10% (5)
Have patients that suffer chronic diseases who are not able to receive treatment	25% (8)	50% (6)	29% (2)	33% (16)
Priority Health Facilities Assessments to be completed (hospitals, health centres, dispensaries)	7	0	3	10

\*Includes hospitals, health centres, dispensaries, clinics and aid posts unless otherwise stated.

## EMERGENCY MEDICAL TEAMS

To date, a total of 20 Emergency Medical Teams (EMTs) or specialist health teams have been deployed across the three most affected provinces and have reported back on the number of patients seen (Table 3). EMTs generally include at least one medical doctor, nurse, midwife, public health specialist and logistics/health infrastructure officer. Deployments are ongoing and are prioritised to severely-affected areas.

*Table 3. Summary of Emergency Medical Teams or specialist teams, as of 27 April 2020 at 9.00am Port Vila time*

Province	Sanma	Penama	Malampa	All
Number of EMTs or specialist health teams deployed	9	6	5	20
Total number of health specialists deployed (in pool)	29	32	18	79
Total number of patients seen	912	702	719	2,333

## OTHER HEALTH OPERATIONS UPDATES

Table 4 provides a brief update on recent activities by thematic area. Further information is included in earlier Situation Reports (<https://moh.gov.vu/index.php/pages/tc-harold>).

Table 4. Updates on situation by thematic area as of 30 April 2020 at 9.00am Port Vila time

AREA	SITUATION
<b>Environmental health/ community engagement</b>	<ul style="list-style-type: none"> <li>Water, sanitation and hygiene (WASH) officers have been dispatched in public health teams and health volunteers are being utilised.</li> <li>A plan for WASH activities in health facilities and improvement of sanitation facilities is under development.</li> <li>Water receptacles that can harbour dengue mosquitoes are being treated in and around dengue cases in Santo and entomological monitoring has been initiated.</li> </ul>
<b>Risk communications</b>	<ul style="list-style-type: none"> <li><i>Saeklon ki helt mesej</i> booklet developed and in use in Sanma, Malampa and Penama.</li> <li>Water- and food-borne disease awareness team deployed, and dengue awareness activities continued in Sanma.</li> <li>Handwashing and personal hygiene awareness activities continued in Penama.</li> <li>NCD screening and management plus health education provided in communities in Penama.</li> </ul>
<b>Psychosocial support</b>	<ul style="list-style-type: none"> <li>EMTs have trained health staff and volunteers in Psychological First Aid. EMTs include a psychologist for integrated outreach where possible.</li> <li>Psychosocial support training has been completed for team leaders and managers in Sanma.</li> <li>Gender and protection issues have been identified, particularly in Malampa.</li> </ul>
<b>Surveillance</b>	<ul style="list-style-type: none"> <li>Syndromic surveillance system has been enhanced in Sanma, Penama and Malampa.</li> <li>Rapid Response Teams deployed in Santo to conduct case investigations for dengue and leptospirosis, and in Pentecost for malaria.</li> </ul>
<b>Communicable diseases</b>	<ul style="list-style-type: none"> <li>Emergency bed net supply dispatched with distributions planned to commence in Santo. Additional bed nets sent to Melsisi in Penama.</li> <li>Emergency vector control (space spraying) started in and around dengue case locations.</li> </ul>
<b>RMNCAH</b>	<ul style="list-style-type: none"> <li>Four inter-agency health kits, four midwifery kits, and stocks of Vitamin A and multiple micronutrients sent to affected areas.</li> <li>Fixed clinic is operational in Sanma with 171 patients seen based on clinic records. Mother and Child Health Clinics in Peleru, Nambel, Nambauk, Mavuleb, Usa, Enken, Rata and Perol.</li> <li>Maternal services established at Melsisi with normal services at Pangl and Ludumsivi.</li> </ul>
<b>Immunization</b>	<ul style="list-style-type: none"> <li>Health facility assessments used to determine vaccine availability and cold chain.</li> <li>Cold chains restored at 6 priority facilities.</li> </ul>
<b>Nutrition</b>	<ul style="list-style-type: none"> <li>Nutrition supplements have been provided for dispatch with the EMTs, to be coordinated through the Food and Nutrition cluster.</li> </ul>
<b>Non-communicable diseases (NCDs)</b>	<ul style="list-style-type: none"> <li>NCD screening and management of patients ongoing in communities in Penama, with health education covering nutrition, prevention and management of NCDs etc.</li> <li>Specialist deployments and trainings will be guided by needs assessment.</li> </ul>

RMNCAH: Reproductive, maternal, newborn, child and adolescent health

## MORE INFORMATION ABOUT THE HEALTH RESPONSE TO TROPICAL CYCLONE HAROLD

- MOH website: <http://moh.gov.vu/index.php/pages/tc-harold>
- National Health Emergency Operations Center: [nheoc@vanuatu.gov.vu](mailto:nheoc@vanuatu.gov.vu)
- Vanuatu Health Hotline: 119
- Ministry of Health, Health Promotions Vanuatu Facebook page: <https://www.facebook.com/Health-Promotions-Vanuatu-1674266679566197/>
- Health Incident Management Team Coordinator: Dr Posikai Samuel Tapo - Mobile: 773 7178

**Approved by:** Dr Posikai Samuel Tapo, Coordinator - Incident Management Team  
**Issued:** 30 April 2020, 05.00pm  
**Next SitRep Expected\*:** 04 May 2020

\*The intention is to issue Situation Reports 1 – 2 times per week, though the frequency will depend on the evolving situation.

**Appendix 1.** Overview of results from Health Facilities Assessments, as received by 29 April 2020.

The following pages provide an overview of outcomes from Health Facility Assessments as follows:

- SANMA, Summary of Condition & Services
- SANMA, Summary of Medical Supplies
- MALAMPA, Summary of Condition & Services
- MALAMPA, Summary of Medical Supplies
- PENAMA, Summary of Condition & Services
- PENAMA, Summary of Medical Supplies

Note that this information reflects the situation as at the assessment date although there have already been some changes (eg. restoration of cold chain in some HFs).

Health Facility profiles including site plans and images are available on the website: <https://moh.gov.vu/index.php/pages/tc-harold>

Health Facility Assessment results (by Facility) - CONDITION AND SERVICES, Summary to 29 April 2020																		
Health Facility Information					1. Damages		2. Accessibility			3. Vaccines		5. Water		6. Toilets		7. Power	9. Diseases	
Province	Island	Health zone	Name	Type	Building	Medical Equipment	Medical Supplies	Accessible?	Referral System ok?	Functioning vaccine fridge	Vaccine carriers	Quantity	Quality	Number functioning	Power After Cyclone	Unusual increase?	Chronic dis & limited treatment?	
Sanma	Tangoa	SAN04	Tangoa	Aidpost	Severe	No	No	Easy	Yes	Unavailable	Unavailable	No water or no	Broken water pipes	0	No	No	No	
Sanma	Araki	SAN04	Araki (Tanopeta)	Aidpost	Severe	Moderate	No	Easy		Unavailable	Unavailable		Water cloudy	2	No	No	Yes	
Sanma	Santo	SAN04	Tasmalum	Health Centre	Severe	Severe	Severe	With obstacles	No	Unavailable	Available	Adequate wat	Broken water pipes	2		No	Yes	
Sanma	Santo	SAN04	Malotao	Aidpost	Severe	Severe	Severe	With obstacles	Yes	Unavailable	Unavailable	No water or no		9		No	No	
Sanma	Malo	SAN02	Rustron	Dispensary	Severe	Severe	Severe	With obstacles	Yes	Unavailable	Available	Interruptions in	Water cloudy	0	Yes	No	Yes	
Sanma	Santo	SAN04	Wailapa (Isu)	Dispensary	Severe	No	No	Easy	Yes	Available	Available	Adequate wat	No sources of conta	4	No	No		
Sanma	Santo	SAN05	Valpei	Aidpost	Severe	Severe	Severe	Very difficult	Yes	Unavailable	Unavailable	No water or no	Broken water pipes	1	No	No	No	
Sanma	Santo	SAN05	Sulemauri	Dispensary	Severe	Severe	Severe	Very difficult	No	Unavailable	Available	Insufficient wa	Broken water pipes	0	No	No	Yes	
Sanma	Santo	SAN04	Foreginal	Aidpost	Severe	Moderate	Moderate	With obstacles	No	Unavailable	Unavailable	Adequate wat		0		No	No	
Sanma	Santo	SAN01	Nambauk	Aidpost	Severe	Severe	Severe	Easy	Yes	Unavailable	Unavailable	Insufficient wa	Water cloudy	1	No	No	No	
Sanma	Santo	SAN03	Selei	Dispensary	Severe	Severe	Severe	Very difficult	Yes	Unavailable	Unavailable	Adequate wat	No sources of conta	3	No	No	Yes	
Sanma	Santo	SAN03	Fanafo	Health Centre	Severe	Mild	No	Easy	Yes	Unavailable	Unavailable	Adequate wat	Water cloudy	0	No	No	No	
Sanma	Santo	SAN03	Stonehill	Aidpost	Severe	No		With obstacles	No	Unavailable	Unavailable	No water or no	Water cloudy	2		No	No	
Sanma	Santo	SAN05	Tasiriki	Health Centre	No	No	No	Easy	Yes	Available	Available	Interruptions in	Water cloudy	2	Yes	No	No	
Sanma	Santo	SAN01	Tutuba	Dispensary	No	No	No	Easy	Yes	Unavailable	Unavailable	No water or no	Broken water pipes	1	Yes	No	Yes	
Sanma	Santo	SAN06	Tasmate	Dispensary	No	No	No	Easy	Yes	Unavailable	Available	Adequate wat	No sources of conta	3	Yes	No	Yes	
Sanma	Santo	SAN04	Ipaiaito	Aidpost	Severe	No	Moderate	Easy	Yes	Unavailable	Unavailable	No water or no		4	Yes	Yes	No	
Sanma	Santo	SAN08	Saramauri	Health Centre	No	No	No	With obstacles	No		Available	Adequate wat	Water cloudy	2	Yes	No	No	
Sanma	Santo	SAN06	Wunpuku	Dispensary	No	No	No	Easy	Yes	Available	Unavailable	Adequate wat	No sources of conta	1		No	No	
Sanma	Santo	SAN06	Nokuku	Health Centre	No	No	No	Easy	Yes	Available	Available	Adequate wat	No sources of conta	2	Yes	No	No	
Sanma	Aore	SAN02	Aore	Dispensary	Moderate	Moderate	Moderate	Easy	Yes	Unavailable	Available	No water or no	Water cloudy	1	Yes	No	No	
Sanma	Malo	SAN02	Avunatari	Health Centre	Moderate	Mild	Mild	Easy	Yes	Available	Available	Adequate wat	No sources of conta	7	Yes	No	No	
Sanma	Malo	SAN02	Tabunveresake	Aidpost	Moderate	Mild	No	Easy	Yes	Unavailable	Unavailable	No water or no	Water cloudy	0		Yes		
Sanma	Santo	SAN04	Vulesepe	Health Centre	Moderate	No	No	Easy	Yes	Available	Available	Interruptions in	Broken water pipes	3	Yes	No	No	
Sanma	Santo	SAN03	Butmas	Aidpost	Moderate	Moderate	Moderate	Easy	Yes	Unavailable	Unavailable	Adequate wat	Water cloudy	2	No	No		
Sanma	Santo	SAN04	Tataikala	Dispensary	Moderate	Moderate	Severe	With obstacles	No	Unavailable	Available	No water or no	Water cloudy	1		No	No	
Sanma	Santo	SAN05	Wusi (Ioseph Ma	Dispensary	Moderate	No	No	Very difficult	Yes	Unavailable	Unavailable	Insufficient wa	Broken water pipes	1	No	No	No	
Sanma	Santo	SAN04	Vaturei (Iarailand	Dispensary	Mild	No	No	Easy	Yes	Unavailable	Unavailable	Adequate wat	No sources of conta	2		No	No	
Sanma	Malo	SAN02	Banaviti	Dispensary	Mild	No	No	With obstacles	No	Unavailable	Unavailable	No water or no	Water cloudy	0	Yes	No	Yes	
Sanma	Malo	SAN02	Atariboe	Dispensary	Mild	Mild	Mild	Easy	Yes	Unavailable	Unavailable	No water or no	Water cloudy	2	Yes	Yes		
Sanma	Santo	SAN08	Paparama	Dispensary	Mild	Mild	No	With obstacles	No	Unavailable	Unavailable	No water or no	No sources of conta	0	Yes	No	No	

Health Facility Assessment results (by Facility) - MEDICAL SUPPLIES, Summary to 29 April 2020																						
Health Facility Information					Assessment	4. Medical Supply Availability																
Province	Island	Health zone	Name	Type	Date	Antibiotics	ORS	Anti malaria drugs	RDTs for malaria	Analgesics (e.g. Panadol, Aspirin)	Contraception	Dressing materials	Postpartum haemorrhagic drugs (Oxytocin, ergometrine)	Salbutamol inhaler	TB drugs	Tetanus toxoid	Measles	Penta	Polio	BCG	Ready to use therapeutic foods	Nutrition supplements (F75, F100, ReSoMal)
Sanma	Tangoa	SAN04	Tangoa	Aidpost	4/15/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Araki	SAN04	Araki (Tanopeta)	Aidpost	4/15/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Tasmalum	Health Centre	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Malotao	Aidpost	4/21/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Malo	SAN02	Rustron	Dispensary	4/11/2020	Available	Available	Available	Available	Unavailable	Available	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Wailapa (Isu)	Dispensary	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Available	Available	Available	Available	Available	Unavailable	Unavailable
Sanma	Santo	SAN05	Valpei	Aidpost	4/15/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN05	Sulemauri	Dispensary	4/11/2020	Unavailable	Unavailable	Available	Available	Unavailable	Unavailable	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Foreginal	Aidpost	4/15/2020	Available	Unavailable	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN01	Nambauk	Aidpost	4/10/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN03	Selei	Dispensary	4/14/2020	Unavailable	Available	Unavailable	Unavailable	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN03	Fanafo	Health Centre	4/15/2020	Available	Available	Available	Available	Unavailable	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN03	Stonehill	Aidpost	4/11/2020	Available	Available	Unavailable	Available	Available	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN05	Tasiriki	Health Centre	4/11/2020	Unavailable	Available	Unavailable	Unavailable	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Available	Available	Available	Available	Available	Unavailable	Unavailable
Sanma	Santo	SAN01	Tutuba	Dispensary	4/10/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN06	Tasmate	Dispensary	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Ipaiato	Aidpost	4/27/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN08	Saramauri	Health Centre	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Available	Available	Available	Unavailable	Available	Unavailable	Unavailable
Sanma	Santo	SAN06	Wunpuku	Dispensary	4/11/2020	Available	Available	Available	Available	Available	Available	Unavailable	Available	Unavailable	Unavailable	Available	Available	Available	Available	Available	Unavailable	Unavailable
Sanma	Santo	SAN06	Nokuku	Health Centre	4/11/2020	Available	Available		Available	Available	Unavailable	Available	Available	Available	Unavailable	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Aore	SAN02	Aore	Dispensary	4/11/2020	Unavailable		Available	Available	Available	Available	Unavailable	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Malo	SAN02	Avunatari	Health Centre	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Malo	SAN02	Tabunveresake	Aidpost	4/12/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Vulesepe	Health Centre	4/10/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Available	Available	Available	Available	Available	Unavailable	Unavailable
Sanma	Santo	SAN03	Butmas	Aidpost	4/13/2020	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Tataikala	Dispensary	4/14/2020	Available	Available	Available	Available	Available	Available	Available	Available		Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN05	Wusi (Ioseph Mar	Dispensary	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN04	Vaturei (Iarailand	Dispensary	4/10/2020	Available	Unavailable	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Malo	SAN02	Banaviti	Dispensary	4/12/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Malo	SAN02	Atariboe	Dispensary	4/12/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Sanma	Santo	SAN08	Paparama	Dispensary	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable

Health Facility Assessment results (by Facility) - CONDITION AND SERVICES, Summary to 29 April 2020																	
Health Facility Information					1. Damages			2. Accessibility		3. Vaccines		5. Water		6. Toilets	7. Power	9. Diseases	
Province	Island	Health zone	Name	Type	Building	Medical Equipment	Medical Supplies	Accessible?	Referral System ok?	Functioning vaccine fridge	Vaccine carriers	Quantity	Quality	Number functioning	Power After Cyclone	Unusual increase?	Chronic dis & limited treatment?
Malampa	Ambrym	MAL10	Nebul	Health Centre	Severe	Moderate	Moderate	Very difficult	No	Available	Available	Adequate wat	Broken water pipes	2	Yes	Yes	Yes
Malampa	Ambrym	MAL10	Olal	Dispensary	Severe	Severe	Severe	Very difficult	Yes	Unavailable	Unavailable	Insufficient wa	Broken water pipes	1	Yes	No	Yes
Malampa	Ambrym	MAL09	Willit	Aidpost	Mild	No	No	Easy	Yes			Insufficient wa		1	Yes	No	No
Malampa	Ambrym	MAL10	Lolibulo	Aidpost	No	No	No	Easy	Yes	Available	Available	Adequate wat	No sources of conta	1		No	No
Malampa	Ambrym	MAL11	Baiap	Health Centre	No	No	No	Easy	Yes			Adequate wat	No sources of conta		Yes	No	No
Malampa	Ambrym	MAL10	Tefon	Aidpost	Mild	No	No	Easy	Yes			No water or no		1	Yes	No	No
Malampa	Ambrym	MAL11	Port Vato (Melum	Dispensary	No	No	Mild	Easy	Yes			Adequate wat	No sources of conta	1	Yes	No	No

Health Facility Assessment results (by Facility) - MEDICAL SUPPLIES, Summary to 29 April 2020																						
Health Facility Information					Assessment	4. Medical Supply Availability																
Province	Island	Health zone	Name	Type	Date	Antibiotics	ORS	Anti malaria drugs	RDTs for malaria	Analgesics (e.g. Panadol, Aspirin)	Contraception	Dressing materials	Postpartum haemorrhagic drugs (Oxytocin, ergometrine)	Salbutamol inhaler	TB drugs	Tetanus toxoid	Measles	Penta	Polio	BCG	Ready to use therapeutic foods	Nutrition supplements (F75, F100, ReSoMal)
Malampa	Ambrym	MAL10	Nebul	Health Centre		Available	Available	Unavailable	Available	Unavailable	Available	Unavailable	Available	Available	Unavailable	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable
Malampa	Ambrym	MAL10	Olal	Dispensary	4/12/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Malampa	Ambrym	MAL09	Willit	Aidpost	4/14/2020	Available	Available	Available	Available	Available	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable			
Malampa	Ambrym	MAL10	Lolibulo	Aidpost	4/11/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
Malampa	Ambrym	MAL11	Baiap	Health Centre	4/14/2020																	
Malampa	Ambrym	MAL10	Tefon	Aidpost	4/11/2020																	
Malampa	Ambrym	MAL11	Port Vato (Melum	Dispensary	4/13/2020																	



	Health Facility Assessment results (by Facility) - CONDITION AND SERVICES, Summary to 29 April 2020																							
	Health Facility Information					1. Damages			2. Accessibility			3. Vaccines			5. Water			6. Toilets		7. Power		9. Diseases		
Province	Island	Health zone	Name	Type	Building	Medical Equipment	Medical Supplies	Accessible?	Referral System ok?	Functioning vaccine fridge	Vaccine carriers	Quantity	Quality	Number functioning	Power After Cyclone	Unusual increase?	Chronic dis & limited treatment?							
Penama	Pentecost	PEN09	Ranmawat	Dispensary	Severe	Severe	Severe	Easy	No	Unavailable	Unavailable	Interruptions in	Broken water pipes	2	Yes	No	Yes							
Penama	Pentecost	PEN09	Melsisi	Health Centre	Severe	Severe	Severe	Very difficult	No	Unavailable	Unavailable	Interruptions in	Broken water pipes	0	Yes	No	No							
Penama	Pentecost	PEN10	Point Cross	Dispensary	Severe	No	No	With obstacles	Yes	Unavailable	Available	Interruptions in	No sources of contami	1	No	No	No							
Penama	Pentecost	PEN08	Namaram	Dispensary	Severe	Severe	Severe	With obstacles	Yes	Unavailable	Unavailable	Adequate water	Broken water pipes	1	No	No								
Penama	Pentecost	PEN08	Ledungsivi	Health Centre	Severe	Mild	Severe	Easy	Yes	Unavailable	Unavailable	Insufficient water	No sources of contami	3	No	Yes	Yes							
Penama	Pentecost	PEN08	Bwatnapni	Dispensary	No	No	No	Easy	Yes	Available	Unavailable	Interruptions in	Broken water pipes	1	Yes	No	Yes							
Penama	Pentecost	PEN10	Pangi	Health Centre	Moderate	Severe	Mild	With obstacles	No	Unavailable	Unavailable	Interruptions in	Broken water pipes	4	Yes	No	Yes							
Penama	Pentecost	PEN08	Ila	Aidpost	Severe	Severe	Severe	Very difficult	Yes	Unavailable	Unavailable	No water or no	Water cloudy	0	No	No	No							
Penama	Pentecost	PEN08	Enkul	Dispensary	Moderate	No	No	Easy	No	Unavailable	Unavailable	No water or no	Broken water pipes	1	Yes	No	Yes							
Penama	Maewo	PEN06	Asanvari	Dispensary	Moderate	Severe	No	Very difficult		Unavailable	Unavailable	Adequate water			Yes									
Penama	Pentecost	PEN10	Baie Barrier	Dispensary	Mild	No	No	Easy	Do not know	Unavailable	Unavailable	Adequate water	Sources of contamin	0	Yes	Yes	Yes							
Penama	Ambae	PEN04	Sakau	Dispensary	Mild	Mild	Mild	Very difficult	Yes	Unavailable	Unavailable	No water or no	Broken water pipes	0	Yes	No	No							

Health Facility Assessment results (by Facility) - MEDICAL SUPPLIES, Summary to 29 April 2020																						
Health Facility Information					Assessment	4. Medical Supply Availability																
Province	Island	Health zone	Name	Type	Date	Antibiotics	ORS	Anti malaria drugs	RDTs for malaria	Analgesics (e.g. Panadol, Aspirin)	Contraception	Dressing materials	Postpartum haemorrhagic drugs (Oxytocin, ergometrine)	Salbutamol inhaler	TB drugs	Tetanus toxoid	Measles	Penta	Polio	BCG	Ready to use therapeutic foods	Nutrition supplements (F75, F100, ReSoMal)
Penama	Pentecost	PEN09	Ranmawat	Dispensary		Available	Available	Unavailable	Unavailable	Available	Unavailable		Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN09	Melsisi	Health Centre		Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN10	Point Cross	Dispensary	4/16/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable		Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN08	Namaram	Dispensary		Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable		Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN08	Ledungsivi	Health Centre		Available	Available		Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN08	Bwatnapni	Dispensary	4/13/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN10	Pangi	Health Centre	4/16/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN08	Ila	Aidpost	4/12/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN08	Enkul	Dispensary	4/12/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Maewo	PEN06	Asanvari	Dispensary	4/14/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available		Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Pentecost	PEN10	Baie Barrier	Dispensary	4/16/2020	Available	Available	Available	Available	Available	Available	Available	Available	Available	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable
Penama	Ambae	PEN04	Sakau	Dispensary	4/11/2020	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable