

NDRRMC UPDATE

**Final Report re Dengue Outbreak in 2019
(01 January - 03 August 2019)**

Releasing Officer:



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Sources: OCDROs I, II, III, CALABARZON, MIMAROPA, V, VI, VII, VIII, X, XI, XII, CAR, CARAGA, NCR and DOH-Epidemiology Bureau(EB)

I. Situation Overview:

- Dengue is the fastest spreading vector-borne disease in the world endemic in 100 countries. It is transmitted by day biting *Aedes Aegypti* and *Aedes Albopictus* mosquitoes and is a viral disease with no known vaccine or specific antibiotics. Effective surveillance can also help in reducing cases and deaths if areas with clustering of cases were identified early.
- The Philippine Integrated Disease Surveillance and Response (PIDSRS) data for Western Visayas reported that the number of dengue cases exceeded the epidemic threshold in the period of 01 January - 03 August 2019.
- On 05 August 2019, the Department of Health declared the National Dengue Epidemic.



The Department of Health observes Asean Dengue Day

Walang Lamok Walang Dengue
Mag 4S Kontra Dengue
ASEAN DENGUE DAY - JUNE 15, 2018

Secure Self-Protection

Search & destroy breeding places

Seek early consultation

Support spraying to prevent impending outbreak

DOH 711-1001 711-1002 <https://www.facebook.com/OfficialDOHgov/> <http://www.doh.gov.ph/>

DOH's 4S IECs contra Dengue.

II. Effects:

A. CASUALTIES

A total of **271,480 dengue cases** with 1,107 deaths were reported nationwide from **01 January to 31 August 2019**.

Region	Cases	Deaths
I	10,892	25
II	10,982	59
III	19,088	55
IV-A CALABARZON	39,810	124
IV-B MIMAROPA	7,272	19
V	6,976	52
VI	45,345	201
VII	16,338	97
VIII	18,107	52
IX	18,505	94
X	19,925	76
XI	5,975	31
XII	16,956	67
BARMM	3,456	26
CAR	5,272	17
Caraga	8,445	19
NCR	18,136	93
TOTAL	271,480	1,107

Source: DOH- EB Monthly Dengue Report No. 8

B. DECLARATION OF STATE OF CALAMITY

The following areas were declared under state of calamity due to the effects of the Dengue Epidemic:

AREA	RESOLUTION NO.	DATE
NCR		
Paranaque City	Res. No. 19-127	19 September 2019
REGION III		
Aurora		
<i>Dingalan</i>	SB Res. No. 2019 - 998	25 June 2019
Nueva Ecija		
<i>Gabaldon</i>	Res. No. 53, s. 2019	05 August 2019
CALABARZON		
Cavite	SP Res. No. 1246 - 2019	16 July 2019
Laguna		
<i>Calamba</i>	SP Res. No. 185 s. 2019	31 July 2019
<i>Pila</i>	Res. No. 012-S-2019	18 February 2019
<i>San Pedro</i>	Res. No. 2019-105	27 August 2019
MIMAROPA		
Palawan		
<i>Municipality of Rizal</i>	SB Res. No. 2019-068	23 July 2019
<i>Brgy. Punta-Baja, Rizal</i>	SB Res. No 53-2019	19 July 2019
<i>Municipality of Sofronio Española</i>	SB Res. No. 2019-52	09 July 2019
REGION V		
Albay		
<i>Municipality of Daraga</i>	Res. No. 165-2019	08 August 2019
REGION VI		
Capiz		
<i>Municipality of Pontevedra</i>	Res. No. 32 s. 2019	02 July 2019
<i>Municipality of President Roxas</i>	Res. No. 06 s. 2019	05 July 2019
<i>Municipality of Sigma</i>	Res. No. 40 s. 2019	29 July 2019
Iloilo	Res. No. 2019-204	23 July 2019
<i>Municipality of Maasin</i>	Res. No. 2019-055	12 July 2019
Antique	Res. No. 044 - 2019	13 August 2019
<i>Municipality of Culasi</i>	Res. No. 081-2019	03 July 2019
<i>Municipality of Sebaste</i>	Res. No. 43-2019	15 July 2019
Guimaras	Res. No. 188	30 July 2019

AREA	RESOLUTION NO.	DATE
Aklan		
<i>Municipality of Balete</i>	Res. No. 010-sb2022	12 July 2019
Negros Occidental		
<i>Municipality of Cauayan</i>	Res No. 2019-067	29 July 2019
REGION VIII		
Leyte	SP Res. No. 2019 – 310	19 July 2019
Southern Leyte	Res. No. 630-s.2019	6 August 2019
<i>Ormoc City</i>	Res. No. 2019-020	08 August 2019
<i>Tacloban City</i>	Res. No. 2019-14-32	02 August 2019
Samar	SP Res. No. 16 – 014 - 19	03 August 2019
Eastern Samar	SP Res. No. 19 – 31 S. 2019	29 July 2019
REGION XII		
South Cotabato	SP Res. No. 167 s. 2019	19 July 2019
<i>Municipality of Tantangan</i>	34 s. 2019	08 July 2019
<i>Municipality of Norala</i>	Res. No. 2019 - 159	10 July 2019
Cotabato	Res. No. 596	27 August 2019

III. Preparedness Measures and Response Actions

A. National Disaster Risk Reduction and Management Councils (NDRRMC)

- a. Conducted an Emergency NDRRMC Full Council Meeting regarding the Dengue Outbreak on 06 August 2019.
- b. Issued Memorandum Circular No. 1, s. 2019 re “Enjoining All Member Agencies to Support the Nationwide Dengue Epidemic Response” on 06 August 2019.

1. Department of Health (DOH)

DOH-Central Office

- a. Issued DOH Department Memorandum No. 2019-0144 re “Advisory on Dengue Preparedness and Outbreak Response”.
- b. Issued DPO No. 2019-1001 “Creation of Task Force for the Prevention, Control, and Response to Dengue Outbreak”.
- c. Raised the alert status to BLUE on 15 July 2019.
- d. Presented the Dengue Outbreak report during the NDRRMC Pre-Disaster Risk Assessment (PDRA) on 15 July 2019.
- e. Conducted press conference on the Declaration of National Dengue Alert in selected regions.
- f. Coordinated with NDRRMC regarding the activation of the Health Cluster.
- g. Conducted a Health Cluster meeting presided by the Secretary of Health together with the Chairperson of the Philippine Red Cross and other members of the cluster on 17 July 2019 at the NDRRMOC Building.
- h. Augmented logistics support to Center for Development in Western Visayas in response to the increasing Dengue cases and were transported to Iloilo with the support of the Philippine Air Force.
- i. Sub-allotted funds to affected regions to finance logistical operations.
- j. Mobilized human resources and augmented logistics to the CHDs.
- k. Declared a National Dengue Epidemic to ensure public safety and welfare amidst the increasing cases of dengue, and to ensure a whole-of-nation approach in addressing and halting the dengue epidemic signed on 05 August 2019.
- l. Conducted the Sabayang 4 O’clock Habit para sa Deng-Get Out Activities participated by Regional CHDs and partner government agencies such as DepEd, DILG, OCD, and various LGUs.
- m. Conducted a meeting relative to the National Dengue Epidemic Response with the different Medical Center Chiefs, DRRM-H Managers and Assistant DRRM-H Managers of DOH Hospitals in Metro Manila.

- n. Deployed three (3) teams composed of staff from DPCB, HEMB, EB, and HPCS to regions CALABARZON, VI, and IX to monitor the dengue epidemic response activities in said areas.

Center for Health Development (CHD)

- a. Intensified Dengue Awareness and Advocacy Campaigns using all available platforms.
- b. Intensified disease surveillance.
- c. Activated the Health Cluster for inter-agency support especially in the 4S strategy.
- d. Assisted the LGUs, DepEd, and DSWD in integrated vector control including implementation of chemical interventions and installation of insecticide treated screens for Day Care Centers.

Logistical Assistance

- a. Provided augmentation amounting to ₱6,919,552.00 worth of logistics/commodities such as medicines, spray cans, Insecticide Treated Screens (ITS), micronutrients, first aid kits to CHDs of which, all were transported via C130.
- b. CHD CARAGA provided 3,000 NS1 Rapid Diagnostic Test (RDT) kits to CHD VI.
- c. CHD II provided 2,500 NS1 RDT kits to CHD VI.

Financial Assistance

Sub-allotted funds from Disease Prevention and Control Bureau (DPCB) to the affected regions:

CHDs	SUB-ALLOTMENT (₱)
CALABARZON	5,000,000.00
MIMAROPA	3,000,000.00
VI – Western Visayas	4,000,000.00
VII – Central Visayas	5,000,000.00
IX – Western Mindanao	3,000,000.00
X – Northern Mindanao	4,000,000.00
CARAGA	3,000,000.00
Grand Total	₱27,000,000.00

2. Department of the Interior and Local Government (DILG)

- a. Activated the ABKD (Aksyon Barangay Kontra Dengue) Program.
- b. Facilitated the Anti-Dengue chemical intervention (fogging, larvaciding).
- c. Disseminated IEC materials to LGUs.
- d. Oversaw the preparedness of RHUs and LGU Hospitals.
- e. Assisted in the planning of weekly clean-up drive in barangays.

3. Department of Education (DepEd)

- a. Activated the School Dengue Brigade.
- b. Coordinated with DOH and RHU for the installation of Insecticide-Treated Screen (ITS).
- c. Conducted regular PTA meetings on dengue awareness and response.

4. Department of Social Welfare and Development (DSWD)

Intensified Dengue Awareness among 4Ps/IPs through Family Development Sessions (FDS).

5. Armed Forces of the Philippines (AFP)/Philippine National Police (PNP)

- a. Assisted DOH in the mobilization of medical teams and logistics.
- b. Prepared military hospitals and clinics for possible surge capacity.

6. Philippine Information Agency (PIA)

- Convened the KBP for regular airing of dengue key messages.
- Facilitated the guesting of key DOH officials for interviews.

7. Philippine Red Cross

- Set up two (2) medical tents that can accommodate 20 patients for each tent at Balasan (Jesus M. Colmenares) District Hospital in Iloilo City.
- Augmented the logistics support to Region VI.
- Philippine Red Cross Emergency Medical Units (DEMUs) reported the following as of 06 August 2019:

Total patients served	340
Currently admitted	71
Discharged	241
Transferred	28
Total	680

- Out of 340 patients served, 194 were treated in Iloilo, 77 were catered in Capiz, 69 served in Aklan.
- Assisted 6 government hospitals with functioning tents: 8 in Iloilo, 2 in Balasan, 2 in Sara, 1 in Guimbal, 1 in Capiz, 1 in Tapaz, 1 Bailan, 1 in Aklan, and 1 in Aklan Provincial Hospital.

Status of Dengue EMUs:

Province	Hospital	No. of tents	Bed Capacity	Status	Patients Served
Iloilo	Balasan District Hospital	2	40	Operational	122
	Sara District Hospital	2	40	Operational	32
	Guimbal District Hospital	1	20	Operational	40
Capiz	Tapaz District Hospital	1	20	Operational	47
	Bailan District Hospital	1	20	Operational	30
Aklan	Aklan Provincial Hospital	1	20	Operational	69
TOTAL					340

- Cascaded dengue management thru reinforcement of 4S from NHQ.
- Placed 60 bed capacity tent on standby for augmentation to possible congestion of hospitals.

B. Regional/Local Disaster Risk Reduction and Management Councils (R/LDRRMCs)

RDRRMC I

Office of Civil Defence (OCD) I

- Monitored regarding the situation in the Area of Responsibility (AOR).
- Disseminated activities to prevent dengue through various platforms.
- Attended the Emergency Meeting on Dengue Situation with Luzon Regions in response to the recent announcement of National Dengue Alert in the country.

DOH I

- Monitored health events related to dengue in direct coordination with the RDRRMC I, Provincial DOH Offices (PDOHOs), and DOH-Retained Hospitals in the Region.
- Disseminated activities to prevent dengue through various platforms.
- Attended the Emergency Meeting on Dengue Situation with Luzon Regions in response to the recent announcement of National Dengue Alert in the country.

RDRRMC II

OCD II / CVRDRRMC

- a. Coordinated with DOH RO II – DRRM in Health – Operations Center, other CVRDRRMC member agencies, and LDRRMCs for information and updates.
- b. Presided the Health Cluster Emergency Meeting re Dengue Response on 13 August 2019 at DOH RO II Tuguegarao City.
- c. Issued Memorandum No. 36, s. 2019 re raising of Alert Status ICOW the increasing Dengue Cases in the Region.

DOH II

- a. Raised alert status to code WHITE.
- b. Conducted Health Cluster Emergency Meeting re Dengue Response on 13 August 2019.
- c. Strengthened Dengue Information Campaign through active posting information about dengue, dissemination of downloadable IEC materials to Health Education and Promotion Offices (HEPOs), airing of health information on Dengue prevention, conduct of “OPLAN BLOCK-OUT DENG-GET-OUT” and 4 o’clock habit, and establishment of “Aksyon Barangay Kontra Dengue”.
- d. Advised all LGUs to enhance search and destroy of Aedes breeding places.
- e. Advocated the conduct of 4S strategy for Vector Control for Dengue in all levels.
- f. Activated the Incident Management Team.
- g. Conducted Dengue preventive measures:
 - Allocated insecticides for the different provinces.
 - Conducted fogging and residual spraying in Dengue-prone areas.
 - Procured spray cans amounting to ₱2,000,000.00.
- h. Established dengue lane in the different DOH-retained hospitals.
- i. Provided Dengue NS1 kits.
- j. Allocated logistics amounting to ₱57,661,482.60.
- k. Advised all LGUs to conduct enhanced search and destroy activities to Aedes breeding places.

DSWD II

- a. Ensured a total stockpile worth ₱15,680,350.87.
- b. Placed the response teams on standby in the field office.
- c. Conducted information dissemination
- d. Shared advisories to all Social Welfare and Development Offices.
- e. Supported the advocacy related to Dengue Prevention.

BFP II

- a. Implemented the DOH 4S Strategy.
- b. Assisted in the information drive against dengue.
- c. Coordinated with the health clusters of the LDRRMCs re Activities Against Dengue.

PDRRMC Cagayan

- a. Raised Alert Status to BLUE.
- b. Attended the CVRDRRMC Health Cluster Emergency Meeting.
- c. Conducted massive dengue information dissemination through the LDRRMCs.
- d. Coordinated with the different stakeholders on the activities undertaken.
- e. Coordinated with the Health Cluster for updates and appropriate actions.

MDRRMC Lallo, Cagayan

- a. Conducted a meeting with barangay officials.

- b. Conducted a Synchronized Barangay Clean-up Drive, House Spraying of all households, House fogging, Operation Tumba, and Karayan Patrol.
- c. Distributed treated curtains.

MDRRMC Solana, Cagayan

- a. Conducted orientations on 4S strategy re Dengue.
- b. Observed the cleanliness campaign in all barangays.

PDRRMC Isabela

Conducted clean-up drive.

MDRRMC Alicia, Isabela

Conducted clean-up drive, de-clogging of canals, and spray of larvacides to different barangays.

MDRRMC Quirino, Isabela

- a. Disseminated Memo re Raising of Alert Status ICOW the Increasing Dengue Cases in the Region.
- b. Conducted a massive IEC re Dengue prevention and control.
- c. Barangay officials, BPATS and BHW conducted daily household visit to ensure implementation of 4 o'clock habit.
- d. Disseminated Dengue Awareness Flyers.
- e. Ensured availability of Health Personnel and other manpower.

PDRRMC Nueva Vizcaya

- a. Attended the CVRDRRMC Health Cluster Emergency Meeting.
- b. Issued and disseminated PDRRMC Memorandum No. 7, s. 2019 re Raising of Alert status at the PDRRMEOC to Blue Alert Status.
- c. Activated the Emergency Operations Center.
- d. Coordinated with P/MDRRMCs.

DPWH 2nd DEO

Conducted cleaning, clearing, declogging, desilting of drainage canals and box culvert inlets.

MDRRMC Alfonso Castañeda, Nueva Vizcaya

- a. Activated Emergency Operations Center.
- b. Issued Memorandum to all schools and concerned offices regarding the Declaration of National Dengue Alert and emphasized the 4S.
- c. Conducted IEC Activities.

MDRRMC Ambaguio, Nueva Vizcaya

- a. Activated the Emergency Operations Center and Response Cluster.
- b. Convened the Health Cluster and MDRRMC Member-Agencies meetings.
- c. Conducted IEC Campaigns and massive clean-up drives in barangays and schools.

MDRRMC Bambang, Nueva Vizcaya

- a. Conducted fumigation in Nueva Vizcaya State University on 03 August 2019 and Bambang National High School on 04 August 2019 in partnership with KABALIKAT CIVICOM Nueva Vizcaya Chapter.
- b. Convened a meeting re Proposed Ordinance in creating the Municipal Dengue Prevention and Control of Bambang.

MDRRMC Bayombong, Nueva Vizcaya

Conducted IEC Campaigns on Dengue Prevention, Dengue vector surveillance, Indoor residual spraying and fogging.

MDRRMC Diadi, Nueva Vizcaya

- a. Convened MDRRMC meeting re preparations and actions taken ICOW Dengue Prevention.
- b. Issued EO re simultaneous Barangay Clean-up Drive.
- c. Reactivated the Municipal Dengue Brigade.
- d. Conducted massive IEC re Dengue prevention.

MDRRMC Dupax Del Sur, Nueva Vizcaya

- a. Conducted Search and Destroy through the initiative of Barangay Officials.
- b. Conducted IEC Campaign and fumigations in different Barangays.
- c. Mobilized Barangay Officials to conduct Aksyon Barangay Kontra Dengue (ABKD/4 Strategy).

MDRRMC Kasibu, Nueva Vizcaya

Conducted clean-up drive, IEC Campaigns, and fogging operations in coordination with PHO and DOH Region II.

MDRRMC Kayapa, Nueva Vizcaya

Conducted IEC Campaigns and fogging in the different Barangays.

KABALIKAT CIVICOM NOVO Chapter

- a. Coordinated with PIHO and requested for the availability of machine and chemical to be used for fumigation.
- b. Conducted fumigation in the different schools in Nueva Vizcaya.

RDRRMC III**OCD III**

- a. Attended Emergency Meeting on Dengue/Dengue Surveillance Update on 22 July 2019 at DOH R3 Conference Room, DMGC, CSFP.
- b. Attended the Meeting on Dengue Status Update and Actions-Luzon Cluster on 01 August 2019 at Century Hotel, Angeles City.
- c. Coordinated with all the LGUs on related situation.
- d. Participated in the simultaneous re-Launching of the 4S and "4-O'clock Habit" re Dengue Alert on 06 August 2019 at NEDA Covered Court, DMGC, Maimpis, CSFP.
- e. Issued RDRRMC Memorandum No. 46, s. 2019 to RDRRMC Member-Agencies and P/HUC DRRMCs to attend the Emergency Meeting on Dengue Status Update and Actions-Luzon Cluster at Century Hotel, Angeles City.
- f. Issued RDRRMC Memorandum No. 47, s. 2019 to RDRRMC Member-Agencies and P/C/MDRRMCs re Dengue Preparedness.
- g. Issued RDRRMC Memorandum No. 50, s. 2019 to RDRRMC Member-Agencies and P/C/M/HUC DRRMCs re Strict Implementation of the 4S and "4-O'clock Habit" re Dengue Alert.
- h. Issued RDRRMC Memorandum No. 51, s. 2019 to RDRRMC Member-Agencies on the simultaneous re-Launching of the 4S and "4-O'clock Habit" re Dengue Alert.

DOH III

- a. Convened Emergency Meeting on Dengue/Dengue Surveillance Update on 22 July 2019 at DOH R3 Conference Room, DMGC, CSFP.
- b. Attended meeting on Dengue Status Update and Actions-Luzon Cluster on 01 August 2019 at Century Hotel, Angeles City.
- c. Coordinated with all the P/C/MHOs and hospitals on related situation.

PDRRMOs Aurora, Bataan, Nueva Ecija, Pampanga, Tarlac, and Zambales

Alerted and monitored the situation with Provincial Health Office, MDRRMOs, and other concerned DRRMC members.

RDRRMC CALABARZON

OCD CALABARZON

- a. Coordinated with DOH CALABARZON for updates and appropriate actions by the RDRRMC CALABARZON.
- b. Issued an Office Order creating OCD IV – A Dengue Watch Team.
- c. Convened the council on 13 August 2019 for the Emergency Response Meeting on the Declaration of National Dengue Epidemic where the convergence of efforts from member agencies and CSOs were highlighted.

DOH CALABARZON

- a. Provided technical assistance to the Local Government Units
 - Hired 10 Regional Vector Control Sprayman to support the LGUs in the conduct of space spraying and residual spraying for dengue control. The said Vector Control Sprayman were deployed to 69 barangays in Cavite, Batangas, Laguna, and Quezon which have significant increase in the number of dengue cases from 30 January 2019 to 12 July 2019.
 - Conducted training on insecticide preparation and application for space spraying and residual spraying (fogging and misting) and introduction of the targeted indoor/outdoor residual spraying for Dengue Vector Control.
 - Conducted training on Vector-borne Diseases Rapid Diagnostic Test (RDT) including the Dengue NS1 RDT to Medical Technologist of Public Hospitals and Health Centers of CALABARZON.
 - Conducted training on Basic Entomology and Dengue Vector Surveillances for Vector borne coordinators and surveillance of CALABARZON.
- b. Conducted logistical support with details below:
 - Provided insecticides for Space Spraying to 5 provinces and 19 cities to support its dengue outbreak response.
 - Provided spray can and chemicals for residual spraying to the first 100 municipalities/cities of the Region for the implementation of the targeted indoor/outdoor Residual Spraying in Schools and Community as part of the Dengue Vector Control.
 - Provided long-lasting insecticide treated screens to Public Schools and Military Camps to support its campaign against dengue.
 - Ensured the availability of Dengue NS1 Rapid Diagnostic Test to all health centers, public hospitals, and selected private hospitals in the Region.
 - Provided Ultra-Low Volume (ULV) Misting Machine to Quezon Provincial Health Office and selected municipalities of Laguna.
 - Distributed long-lasting insecticide treated bed net in every house in areas with dengue outbreak and impending outbreak.
 - Distributed dengue prevention kits to dengue vaccines recipients.

- Provided IV fluids, IV sets, paracetamols, ORS, insecticides, and larvicides to Jomalig, Quezon.
 - Provided a Dengue Vector Control response and conducted the first cycle of misting operations, larviciding, larval survey, active case finding, and community Dengue awareness campaign.
 - Implemented the War Against Mosquito Project in the province of Laguna wherein the project focuses on community awareness on dengue and search and destroy of mosquito breeding places campaign.
 - Provided logistics amounting to ₱41,105,461.12
- c. Facilitated Health Advocacy and Networking within the Region:
- Conducted meetings with the LGUs with increasing dengue cases where LCEs and health center staff to discuss the interventions to be conducted and support that the DOH can provide.
 - Posted dengue IEC materials in the social media for wider dissemination of information.
 - Reminded the public on how to prevent and control dengue disease through local radio guesting and plugging.
 - Participated in the meeting of the Association of Municipal Health officers of the Philippines (AMHOP) Rizal Chapter to discuss the dengue situation of the province and take appropriate actions with the support of the DOH.
 - Conducted a consultative meeting on Vector-Borne Diseases Program and Emergency Meeting on increasing number of dengue cases with the Provincial Health Officers, Provincial/City Vector-Borne Coordinators, Surveillance Officers, and partners on 20-22 March 2019.
 - Released Regional Advisory No. 2019-012 re Dengue Alert Response and Management of Cases to All Provincial Health Offices (MHOs), Dengue Prevention and Control Program Coordinators, Provincial DOH Offices, and other concerned Units.
- d. Conducted monitoring and evaluation:
- Created the Dengue Task Force and Monitoring Team at the Regional Office.
 - Monitored hospitals and health centers, and validated dengue cases.
 - Released advisories on dengue cases.

PDRRMC Cavite

- a. Conducted misting operation in different municipalities.
- b. Strengthened the Information Education Campaign (IEC) to raise awareness from among communities relative to dengue prevention.
- c. Provided free complete blood count.
- d. Cavite PHO activated / reactivated barangay dengue brigade and little dengue brigade; and established dengue outbreak response team, epidemic committee, and community mobilization.
- e. Distributed anti-dengue solutions with spray cans and utilized portion of the QRF for medicines.

CDRRMC Dasmariñas, Cavite

- a. Conducted search and destroy activities, pre-screen test, and fogging operations.
- b. Conducted trainings for fogging operators to 75 barangays.

CDRRMC Imus, Cavite

Conducted blood-letting programs.

PDRRMC Laguna

- a. Conducted an emergency inter-agency meeting regarding the dengue cases facilitated by the PHO.
- b. Conducted misting and fogging operations in priority areas of Laguna.
- c. Distributed misting and fogging solutions.
- d. Intensified the education campaign especially the 4s.

PHO Prevention and Control Activities

- Monitored the Dengue Cases in different municipalities and cities
 - Evaluated dengue situation in the area using the PESU/MESU data and available vector surveillance data.
 - Conducted site investigation.
 - Assisted in conducting case investigation.
 - Evaluated their vector control activities.
- Conducted Health Information and Dissemination
 - Assisted in organizing and planning of orientations / seminars / meetings / assembly.
 - Distributed leaflets.
- Facilitated logistics and supply
 - Allocated long lasting insecticide net and screen, chemicals for adult mosquito and larva, and spray cans for residual spraying .
 - Distributed Dengue RDT NS1.
 - Lent fogging/misting machine and spray can.
- **Facilitated the following relative to Outbreak Response:**
 - The municipality of Pila provided the following:
 - 375 pcs. of treated mosquito net
 - 88 litres of misting solution
 - 100 sachets of RSI chemicals for adult mosquito
 - 5 sacks and 100 sachets of larvicide
 - 1 unit of spray can for residual spraying
 - Lent two (2) units of misting machine and four (4) spray cans

RDRRMC MIMAROPA

OCD MIMAROPA

- a. Coordinated with DOH MIMAROPA regarding the status of Dengue cases in the region, which based on the epidemiology and surveillance on Dengue, the region has not yet reached the necessary threshold to raise an alert level.
- b. Monitored the number of Dengue cases in the AOR.
- c. Coordinated with the LDRRMCs re additional updates on Dengue Cases.
- d. Issued Memorandum dated 7 August 2019 for RDRRMC MIMAROPA member-agencies and Chairpersons, P/C/M/BDRRMCs MIMAROPA re Support to the Nationwide Dengue Epidemic Response.

DOH MIMAROPA

- a. Established a 24-hour duty for the monitoring of incidents.

- b. Coordinated with PDOHO, PHO, and hospitals within Palawan, MDRRMOs, and DOH RESU for the surveillance of dengue cases.
- c. Advocated and disseminated information on measles and other notifiable diseases.
- d. Procured drugs and medicines.

MDRRMO Rizal, Palawan

- a. Submitted reports to Provincial and PDOHO surveillance units, OCD Regional Offices, Sangguniang Bayan, Local Chief Executives, and MDRRMC.
- b. Conducted IEC campaign in affected communities and clean-up drive.
- c. Conducted misting operations to 495 houses on 10 – 13 July 2019 at Brgy. Punta Baja, Rizal.

RDRRMC V

OCD V

- a. Conducted the RDRRMC Bicol Special Meeting re Dengue Cases in Bicol Region on 01 August 2019 at Handyong Hall, OCD V, Camp BGen Simeon A. Ola, Legazpi City.
- b. Raised its alert status to BLUE on 01 August 2019 due to increasing number of Dengue cases in the Bicol Region.
- c. Coordinated with DOH V, PDRRMOs and NGAs in the campaign against Dengue.

DOH V

- a. Attended the situational briefing with the Presidential Adviser for Bicol Affairs on 15 August 2019.
- b. Released/Disseminated NDRRMC Memo No. 01, s. 2019 “Enjoining all Member Agencies to support the Nationwide Dengue Epidemic Response and DM no. 2019-0137 re “Guidelines in the Management of Surge capacity during the Dengue Epidemic”.
- c. Released memorandum to PDOs, PHOs, DOH Hospitals, RHUs/CHUs and other Health Partners re reiteration on the declaration of National Dengue Epidemic.
- d. CHD employees and Hospital Week players conducted of Sabayang 4-o'clock habit para sa Deng-Get Out Activities at CHD premises on 06 August 2019.
- e. Intensified Dengue information dissemination campaigns thru regular radio and TV plugging and guesting/interviews, issuance of dengue health advisories, and updating of Facebook Official Account and DOH CHD Bicol website.
- f. Coordinated with DOH Hospitals, PHOs, PDOs, CHOs and monitoring of municipalities/barangays with dengue clustering and hotspots.
- g. Mobilized all Human Resources for Health (HRH) to spearhead activities in respective areas against dengue.
- h. Monitored readiness of hospitals by Hospital Development Unit (LHSC).
- i. Mobilized community in the conduct of 4S and ABKD.
- j. Distributed IEC materials and conducted IEC/advocacy campaigns on Dengue with Brgy. Officials/DepEd and other stakeholders in coordination with RHU personnel.
- k. Conducted epidemiological investigation with assistance of FETP Fellows in Catanduanes on 29 July 2019.
- l. Conducted 3 batches of training on Revised Dengue Clinical Case Management.

DOST V

Undertook scientific and technological research and development and prepared the Dengue Early Warning System in areas of vital importance, particularly in vector control through the Bicol Integrated Dengue Vector Management Program.

BFP V

- a. Issued memorandum to all Provincial / City / Municipal Fire Marshalls re raising of alert status to Blue (Code Blue) on 07 August 2019.
- b. Directed all units to closely coordinate with its respective Provincial, City and Municipal DRRM Councils supporting the DOH initiatives to intensify the Dengue Awareness Campaigns.

PDOs Albay, Catanduanes, Camarines Norte, Camarines Sur, Masbate, and Sorsogon,

- a. Intensified Dengue and information dissemination campaigns through regular radio guesting/interviews and issuance of dengue health advisories via Facebook page.
- b. Intensified Dengue Awareness Campaign and clean-up drive.

PDO Catanduanes

- a. Conducted Dengue Forum at the Municipality of Virac.
- b. Conducted mobile blood donation at the Municipality of San Andres.
- c. Conducted dengue awareness campaign at Brgy. San Pedro, Bato.

PDO Sorsogon

Conducted misting and fogging at Brgy. Bibincahan, Sorsogon City.

PDRRMC Sorsogon

- a. Released EO No. 29-A-2019 re: Declaring 29 July 2019 as the “Kada Sorsoganon Magdanon Anti-Dengue Special Working Day” to search and destroy all mosquito breeding sites and for other purposes.
- b. Facilitated the misting/fogging at Brgy. Bibincahan, Sorsogon City.
- c. HRH intensified Dengue Awareness Campaign and clean-up drive.

PDRRMCs Albay, Catanduanes, Camarines Sur, Camarines Norte, and Masbate

- a. Conducted Dengue Forum.
- b. Intensified dengue information dissemination campaigns through regular radio guesting/interviews, issuance of dengue health advisories via Facebook page.
- c. HRH intensified Dengue Awareness Campaign.
- d. Issued memorandum to all LDRRMCs in intensifying Dengue Preventive Measures.
- e. PDRRMC Catanduanes raised alert status to BLUE on 06 August 2019.

PDRRMC Camarines Sur

- a. Raised the PDRRMC Operations Center to Blue Alert Status.
- b. Issued the following memoranda:
 - Conduct a 24/7 monitoring of Dengue Cases in its respective area of responsibility and submit report to the PDRRMC Chair every day.
 - Instruct all RHUs to coordinate directly with the Provincial Health Office for the Infolink Management.
 - Establish blood bank directory strictly for Dengue patients use only.
 - Implement a massive Search and Destroy Operation of all breeding ground for mosquitos through a province-wide simultaneous activity for eight consecutive Fridays starting on 9 August 2019 in all barangays of all municipalities.
 - Conduct an information and education campaign to every household about the 4S Kontra Dengue: (1) Search and Destroy breeding places, (2) Seek early consultation, (3) Self-protection measures, and (4) Say yes to fogging in times of impending outbreak.
 - Convene the MDRRMC to prepare contingency plan for possible implementation in case of Dengue Outbreak.

PHO Camarines Sur

- a. Issued a Memorandum on Dengue Prevention dated 18 July 2019 re Immediately Undertake Clean-up Drives to eliminate all Mosquito-breeding Areas and stop the spread of Dengue.
- b. Implemented the “Akyson Barangay Kontra Dengue”.
- c. Prepared a contingency plan for possible implementation in case of Dengue Outbreak.

PHO Sorsogon

- a. Initiated and cascaded EO No. 29-A-2019 declaring 29 July 2019 as the "Kada Sorsoganon Magdanon Anti-Dengue Special Working Day" 2-4hours clean-up drive to search and destroy all mosquito breeding sites (MBS), participated by all sectors.
- b. Facilitated misting/fumigation priority to identified barangays.
- c. Established vector control measures and surveillance system.
- d. Purchased Dengue NS1 and IGG kits for hospitals, province-wide.

CDRRMC Naga City, Camarines Sur

- a. Raised the Naga City DRRMC Operations Center to Blue Alert Status.
- b. Conducted a dialogue with the barangay personnel (Kagawad on health, Midwives, and BHWs) on massive simultaneous clean up drive.
- c. Conducted school based Anti-Dengue Advocacy.
- d. Disseminated massive information and dengue awareness campaigns.
- e. Conducted community and school-based health education campaigns and clean-up drives.

RDRRMC VI

OCD VI / RDRRMC

- a. Coordinated with DOH - Health Emergency Management Staff (HEMS), Provincial Health Offices (PHOs), and PDRRMOs regarding the development of dengue cases in the Region.
- b. Monitored updates of dengue cases.
- c. Conducted PDRA on 09 July 2019 at District 21 Hotel and 25 July 2019 at Days Hotel, Iloilo City.
- d. Conducted the five (5) Health Cluster Coordination meetings at the DOH Center for Health and Development Welfare Visayas.
- e. Facilitated the transport of the following Philippine Red Cross supplies and equipment:
 - o Four (4) sets of ward tents
 - o Four (4) sets of TECO Airconditioning units
 - o 60 pieces of cot beds
 - o 200 sets of linens
- f. Facilitated the transport of the following DOH supplies and equipment:
 - o 200 boxes of assorted drugs and medicines
 - o 300 rolls of insecticide treated screens
 - o 12 units of spray can with repair kits
- g. Coordinated with DOH Central and DOH VI for the temporary use of Regional Evacuation Centers in selected areas in the region to serve as hospital extensions for the increasing dengue patients.
- h. Conducted Post-deployment meeting for the RDNA re Dengue cases in Western Visayas and finalization of output involving DILG6, DSWD6, DOH6, and PRC.
- i. Supported the programs and steps initiated by the DOH and the whole Health Response Cluster in combating the effects of dengue in Western Visayas.

- j. Released Memorandum No. 62, directing all concerned MDRRMOs to prepare and clean its respective Regional Evacuation Centers to serve as hospital extensions.
- k. Issued Memorandum No. 65, s. of 2019 re submission of weekly update/reports on actions taken re dengue.
- l. Issued RDRRMC Memorandum No. 157, s. of 2020 Reminders for Preparedness Relative to the Dengue Cases in Western Visayas” dated 31 July 2020.
- m. Issued Memorandum No. 188, s. of 2020 with Subject “Reiteration of Memorandum No. 157, s. of 2020 Prevention , Mitigation and Preparedness of Dengue Cases Amid the New Normal in Western Visayas dated 07 October 2020 with emphasis on the practice of the Enhanced 4S:
 - Search and Destroy; Self-protection measures; Seek early consultation; and
 - Say no to indiscriminate fogging.

DOH VI

- a. Monitored dengue related incidents.
- b. Disseminated IEC on Enhanced 4S and ABKD (Aksyon Barangay Kontra Dengue).
- c. Provided logistics such as mosquito nets, insecticide rolls, and NS1 kits.
- d. Coordinated with the Philippine Red Cross (PRC) for the augmentation of medical doctors and medical technicians.
- e. Conducted five (5) Coordination Meetings at DOH Center for Health and Development Western Visayas.
- f. Issued Regional Guidelines / Advisories of the following:
 - DOH CHD WV RA No. 10, s. of 2019 dated 09 July 2019 re Guidelines on the Declaration of Dengue Epidemic / Outbreak at the LGU Level.
 - DOH CHD WV RA No. 12, s. of 2019 dated 15 July 2019) re Declaration of Dengue Outbreak in five (5) provinces in Western Visayas (Aklan, Antique, Capiz, Guimaras, and Iloilo) and alert status level of Negros Occidental, Bacolod, and Iloilo City.
- g. Reactivated the Incident Command System and Operations Center at the DOH CHD WV with designated Officer of the Day.
- h. Assigned 229 DOH and deployed HRH to selected LGU hospital as HRH augmentation (16 doctors, 24 medical technologists, and 189 nurses).
- i. Provided emergency cash fund to all Provincial DMOs for dengue outbreak response activities and procurement.
- j. Collected and reported dengue cases and deaths by morbidity per week.
- k. Conducted augmentation of dengue supplies and IEC materials including quad-media advocacy to all the six provinces and two HUCs amounting to ₱39,516,976.00.
- l. Assisted in the conducted of misting in 28 public schools, 14 private schools, 15 Barangays, and 1 Regional Office.
- m. Launched “Aksyon Barangay Kontra Dengue” at Balabago Jaro.
- n. Conducted Health and Sanitation Cluster meeting on 19 and 23 July 2019.
- o. Allocated ₱10,000,000.00 for the Dengue Prevention Program sourced from 2018 special trust fund by the CBDRRMC.
- p. Approved the passage of an ordinance organizing and establishing of the Anti-Dengue Emerging and Re-emerging Diseases Task Force by the Sangguniang Panlungsod.
- q. Created a team per district to spearhead the advocacy against dengue.
- r. Deployed six (6) Medical Doctors from Vicente Sotto Memorial Medical Center in different district hospitals in Iloilo.

- s. Identified and prioritized areas with clustering of cases and deaths for community-based interventions.

DSWD VI

- a. Prepositioned 19,000 boxes of food packs.
- b. Intensified the dengue awareness campaign among its 4Ps and IPs beneficiaries during the Family Development Sessions.
- c. Released 3,400 food packs to Tangalan, Aklan in the form of food for work.
- d. Developed and disseminated a module on “Oplan Kontra Dengue” through the Family Development Program (FDP) with a clean-up drive as part of its culminating activity.

DILG VI

- a. Monitored dengue related incidents.
- b. Promoted ABKD (Aksyon Barangay Kontra Dengue) Campaign.
- c. Assisted the barangays in the creation of its local ordinances in relation to the dengue outbreak within the locality as well as designating a focal person.
- d. Participated in the conduct of Rapid Damage and Needs Assessment (RDANA) for Dengue Cases in Western Visayas with a team composed of OCD VI, DSWD VI, DOH VI, Philippine Red Cross Chapters, and DILG VI.

DOST VI

Presented the BIOTEK-M Dengue Aqua Kit which is a testing kit that can detect dengue virus infections during the first 3 days of illness.

DepEd VI

Submitted to DOH 6 the estimated total cost of insecticide-treated screens for procurement intended for the schools in Western Visayas.

PIA VI

- a. Disseminated regular dengue alert and updates via radio station “Radyo Pilipinas” as well as in other media platforms.
- b. Scheduled the conduct of press conference every other week for Dengue information dissemination.

BFAR VI

- a. Presented the use of larvivorous fish as biocontrol agent for mosquitoes.
- b. Provided tilapia fingerlings from operated hatcheries subject to the assessment of sites for stocking.

Philhealth VI

Released and disseminated advisory 2019-0020 re “Clarification on Admissions Beyond Accredited Bed Capacity Due to Dengue Outbreak” to various hospitals.

PRC Iloilo

- a. Monitored dengue related incidents.
- b. Augmented cot beds to district hospitals.
- c. Requested additional logistics from PRC GHQ intended for dengue cases.
- d. Delivered two (2) tents to two different hospitals in Capiz, and another two (2) tents in Aklan.
- e. Assisted the District Hospital of Balasan in the installation of tents to augment the bed shortage within the hospital.
- f. Disseminated IEC materials to the identified communities during the conduct of PDRA.

PDRRMC Aklan

- a. Issued a Memorandum to sustain all out-dengue campaign.
- b. Conducted spraying and misting in barangays and media advocacy campaigns.
- c. Instructed the Municipal Health Officers and Sanitary Inspector re Ocular Inspection of Barangays with Clustering of Cases.
- d. Distributed of NS1 RDT and larvicides to rural health units.
- e. Conducted advocacy meeting with the Liga ng Barangay re Dengue.
- f. Reactivated Dengue Task Force and Dengue Fast Lanes, and the Establishment of Hydration Units.

PDRRMC Antique

- a. Provided mosquito screens to hotspot areas.
- b. Issued advisories to hospitals for the preparation of facilities and other supplies needed.
- c. Established rapid assessment of dengue in hospitals through the use of Diagnostic Testing Kits.
- d. Distributed IEC regarding Dengue within the AOR.
- e. Provided logistics to RHUs and identified vulnerable areas.
- f. Conducted Dengue Awareness Activities in schools.
- g. Conducted meetings with various stakeholders in the Province and with the Municipal LGUs.

PDRRMC Capiz

- a. Monitored dengue related incidents.
- b. Created the Provincial Dengue Crisis Management Committee.
- c. Coordinated with DepEd relative to the practice of the 4 o'clock clean-up habit in schools.
- d. Provided and augmented additional NS1 kits and other supplies.
- e. Issued Executive Order No. 001, s. 2019 "An Order Declaring Dengue Outbreak in the Entire Province of Capiz".
- f. Issued a memorandum to the League of Municipalities, SK, and Liga ng mga Barangays for the conduct of regular clean-up drives.
- g. Issued a "No Refusal Policy" in all government hospitals.
- h. Established hydration units.
- i. Conducted Mass Blood Donations

PDRRMC Guimaras

- a. Monitored the incident within the AOR.
- b. Conducted massive blood-letting activities.
- c. Provided IEC on the conduct of clean-up drive before fumigation.
- d. Activated the Barangay Health and Emergency Response Teams (BHERTs).
- e. Issued Executive Order No. 36, s. 2019 re "An Order Declaring Dengue Outbreak in the Entire Province of Guimaras and Creation of the Dengue Crisis Management Task Force".
- f. Conducted clean-up drive three times a week following the 4S Strategy of DOH.
- g. Established hydration units in RHUs and hospitals.
- h. Coordinated with DepEd re misting in schools and issued DepEd memorandum to support the outbreak response.

PDRRMC Iloilo

- a. Monitored the incident within the AOR.
- b. Issued Executive Order No. 016, series of 2019 "An Order Declaring Dengue Outbreak in the Entire Province of Iloilo".
- c. Conducted the spraying of and allocation of adulticides.

- d. Conducted a meeting with the Barangay Health Worker Presidents from the 43 LGUs.

PDRRMC Negros Occidental

- a. Conducted advocacy campaign through TV guesting and meetings with LCE's.
- b. Disseminated IEC materials from DOH (flyer and '*recorda*').
- c. Coordinated with PDRRMO and PHO re dengue cases.
- d. Assisted and monitored the door-to-door Supplemental Immunization Activity (SIA) per LGU.
- e. Provided technical assistance during pre-implementation meetings.
- f. Conducted select catch-up immunization for routine immunization for 6-15 months old babies.
- g. Issued Executive Order No. 19-19, s. 2019 re Dengue Heightened Alert, ordering the uniform implementation of the various issuances from the Department of Health in the management of dengue cases and outbreak in all local government units and in public health facilities in the province dated 11 July 2019.
- h. Reiterated the DILG issued local legislation on Dengue Executive Order No. 07-015, s. 2007, SP Ordinance No. 005, s. 2008 re Dengue Task Force.

PHO Negros Occidental Health Surveillance System/Provincial Epidemiology and Surveillance Unit (NOCHESS/PESU)

- a. Conducted weekly surveillance of cases from all hospitals and LGUs and prompted feedback to concerned LGUs with cases.
- b. Investigated the suspected dengue deaths and cases.
- c. Submitted reports to DOH (Provincial Health Team Office (PHTO), Regional Epidemiology and Surveillance Unit) and coordinated with the Center for Health Development (CHD) for updates.
- d. Provided larvicides, insecticides, and other logistic services such as IEC materials to the LGUs.
- e. Conducted Entomological Survey for identification of vector.
- f. Conducted Community Health Education and Advocacy.
- g. Conducted Dengue Vector Management thru chemical fumigation in Barangays with clustering and increasing number of cases.

Dengue Control Program

- a. Provided larvicides, insecticides, and other logistics (IEC Materials) to the affected areas.
- b. Conducted Entomological Survey for identification of vector.
- c. Facilitated the Dengue Vector Management through chemical fumigation in Barangays with clustering and increasing number of cases.
- d. Provided Community Health Education and Advocacy.

Local Government Units

- a. Conducted Entomological Survey for identification of vector.
- b. Provided Community Health Education and Advocacy.
- c. Provided Dengue Vector Management through chemical fumigation in Barangays with clustering and increasing number of cases.

CDRRMC Bacolod City, Negros Occidental

- a. Conducted Emergency Meeting to plan, formulate and perform appropriate actions regarding the Outbreak and Epidemic of Dengue in Bacolod City on 08 August 2019.
- b. Issued BDRRMC Resolution No. 9, s. 2019 recommending the Sangguniang Panlungsod on the Declaration of Dengue Epidemic in the City of Bacolod.

- c. Conducted meetings with Barangay Captains re enforcement of the Enhanced 4S, designation of barangay sanitary workers, reactivation of Dengue Task Force, bloodletting activities and regular clean-up drives.
- d. Distributed Olyset nets to preschools.
- e. Partnered with stakeholders from both government and private institutions.
- f. Issued Resolution No. 742, s. 2019 declaring the existence of Dengue epidemic in the City of Bacolod.

CDRRMC Iloilo City, Iloilo

- a. Monitored the incident within the AOR.
- b. Coordinated with the National Government Agencies re Conduct of the Citywide Clean-up Drive scheduled on 20 July 2019.
- c. Assigned portion of the LDRRM Fund for purchase of larvicides/parricides.
- d. Issued Executive Order No. 007, s. 2019, "An Executive Order Directing all Government Offices, schools, and barangays in Iloilo City to spearhead and Strictly Implement a Clean-Up Drive in their Respective Jurisdictions".
- e. Conducted clean-up drive three times a week following the 4S Strategy of DOH.
- f. Conducted misting activities in 28 public schools, 14 private schools, 15 barangays, and 1 Regional Office.
- g. Launched the "Aksyon Barangay Kontra Dengue" at Balabago, Jaro.
- h. Conducted Health and Sanitation Cluster meeting on 19 and 23 July 2019.
- i. Allocated ₱10 Million for the Dengue Prevention Program sourced from the 2018 special trust fund by the CDRRMC.
- j. Approved an ordinance organizing and establishing the Anti-Dengue, Emerging and Re-emerging Diseases Task Force by the Sangguniang Panlungsod.
- k. Created a team per district to spearhead the advocacy against dengue.
- l. Conducted Disease Surveillance and validation of cases and deaths.
- m. Deployed health educators.
- n. Established Dengue Fast Lanes.
- o. Activated the Health and Sanitation Cluster.
- p. Conducted regular bloodletting/mass blood donation activities.

RDRRMC VII

OCD VII

Coordinated with DOH RESU re dengue cases.

DOH VII

Disseminated the following recommended actions as listed:

- LGU intensify its information campaign on dengue emphasizing the importance of eliminating the breeding places of mosquitoes and mobilize the community to actively participate in environmental sanitation activities such as clean up drives, and establish "Dengue Brigades" in barangays.
- Local Health Unit (LHU) initiate clean-up campaigns in communities, continue/sustain disease surveillance on dengue, and notify RESU on increasing cases.
- Government/Private Hospitals strictly follow dengue clinical treatment protocol and activate dengue fast lanes.
- School authorities emphasize school-based programmes targeting parents and children in schools to eliminate vector breeding places at home and in school and create "Dengue School Brigades" and support its sustainability.
- General Public clean all possible mosquito breeding places where water can pool or accumulate, use personal protective measures such as mosquito nets, insect repellent lotions or install window screens, cover water receptacle (e.g.

drums and jars), and maintain the habit of cleaning up areas inside and outside homes.

RDRRMC VIII

OCD VIII

- a. Attended the inter-agency meeting on 20 July 2019 with DOH hospitals, DepEd, and Philippine Red Cross.
- b. Coordinated with the DOH-HEMS on the Dengue status and updates.
- c. Coordinated with and monitored the Municipality of Sta. Fe, Leyte.
- d. Monitored dengue cases in affected municipalities.
- e. Conducted an emergency meeting on the increasing statistics of dengue cases and declaration of State of Calamities in some municipalities.
- f. Issued a Memorandum on the activation of Regional Health Cluster effective 05 August 2019.

DOH VIII

- a. Raised code BLUE alert status to ensure a comprehensive and well-coordinated response.
- b. Activated the Operations Center on a 24-hour basis for continuous monitoring and coordination.
- c. Conducted an inter-agency meeting on 20 July 2019 with DOH hospitals, OCD VIII, DepEd, and Philippine Red Cross on the status of cases and actions taken by each agency.
- d. Established an Incident Management Team.
- e. Organized a press conference and conducted a coordinative meeting with the program managers and provincial DOH offices on the status updates and agreements on 23 July 2019.
- f. Augmented DOH commodities with a total amount of ₱1,722,575.96 to affected LGUs.
- g. Provided technical assistance to affected LGUs on dengue preventions.
- h. Investigated and validated the dengue cases reported by the LGUs.
- i. Coordinated and monitored RESU and Leyte Provincial DOH office on the status update of dengue cases.
- j. Provided dengue logistics to dengue affected areas.
- k. Coordinated with PDOHs, PHOs, and CHOs for the provision of TA in areas with clustering.
- l. Provided TA on investigation of dengue cases in affected municipalities.
- m. Conducted hospital rounds to recommend establishment of Dengue fast lane.
- n. Conducted a risk communication to the media with regard to the dengue case updates and actions taken.
- o. Coordinated with RESU on the dissemination of IEC materials on dengue.
- p. Conducted the 2nd Dengue Health Cluster Meeting on 02 August 2019 with DOH hospitals, DILG, OCD VIII, DepEd, DSWD, and Philippine Red Cross on the status of cases and action done by each agency.
- q. Issued and disseminated a Regional Advisory to all LGUs, RHUs, and hospitals in the region regarding the conduct of Nationwide Simultaneous Search and Destroy and clean up drive campaign on 06 August 2019.
- r. Deployed Human Resource for Health to selected hospital facilities specifically in dengue fast lane emergency rooms and outpatient departments.
- s. Utilized HEMS response fund worth ₱1,420,968.00 for emergency purchase of health commodities and response activities for dengue.
- t. Augmented DOH commodities with a total amount of ₱12,012,053.00 to the affected local government units.

- u. Established the Incident Management Team for the increasing number of dengue cases.
- v. Organized a press conference on 23 July 2019 with the media.
- w. Conducted a coordinative meeting on 23 July 2019 with the program managers and provincial DOH offices on the status update and agreements.
- x. Provided technical assistance to affected LGUs on dengue as to when to conduct larval survey, search and destroy, and fogging / misting operations.
- y. Coordinated with RESU, Dengue Program, provincial DOH offices, and other health sectors on the status of cases and needed assistance.
- z. Augmented additional commodities (insect repellents, ORS) to PDOHO Eastern Samar with a total amount of ₱23,739.60 which were delivered on 22 August 2019.

Provincial DOH Office – Biliran

- a. Conducted search and destroy activities and larval survey through HRH-NDP deployed in the municipality.
- b. Assisted barangay council during barangay assembly.
- c. Provided technical assistance to PHO and RHU.
- d. Coordinated with PESU on the reporting of cases.
- e. Development Management Officers (DMO) and Nurse Deployment Project (NDP) leaders in every municipality conducted advocacy campaign and search and destroy activities, larval survey, and barangay assemblies.
- f. Reiterated Human Resources for Health (HRH) to attend barangay council sessions to provide feedback on the health status of the community.
- g. Emphasized submission of weekly reports on notifiable diseases captured in the barangay.
- h. Instructed HRH to conduct fever surveillance to catch suspected dengue cases for early management especially in areas with dengue cases.

Provincial DOH Office – Eastern Samar

- a. Mobilized HRH to conduct active case finding in all barangays.
- b. Established exclusive group chat via Messenger to facilitate reporting and sharing of updates.
- c. Advocated for organization of Dengue Task Force per municipality.
- d. Initiated multi-sectoral consultative meeting.
- e. Conducted dengue advocacy through video, radio messages, print media.
- f. Mobilized resources to priority LGUs and hospitals.
- g. Coordinated with partners: DepEd, DILG, DSWD, PHO, PLGU VIII relative to dengue operations.
- h. Disseminated Dengue advisories.
- i. Reproduced and distributed Dengue Policy Brief of DILG Memo Circular, Prototype Dengue Executive Order to all LGUs of Eastern Samar.
- j. Conducted a meeting with the Provincial Health Officer, Provincial Administrator, Chief Nurse, and Nurse Supervisors to deliberate preparation of the new dengue ward, and augmentation of nurses to ESPH and other hospitals.
- k. Monitored hospital compliance to Dengue Fast Lane.
- l. Conducted a meeting with Dengue Point Person for each RHU regarding the National Dengue Epidemic Guidelines.
- m. Augmented 12 pieces of mosquito nets for LGUs Borongan, Guiuan and Quinapondan.
- n. Distributed IEC materials (posters and tarpaulins) to RHUs.

- o. Disseminated dengue videos as information materials to be utilized during FDS, PTCA Meeting, ABC Meeting, LHB Meeting, SK Meeting, and Community assembly.

Provincial DOH Office – Leyte

- a. Raised on code BLUE alert status on 20 July 2019.
- b. Attended the emergency meeting conducted at the DOH CHD-EV by the Regional Director represented by the Development Management Officers, and Municipal Health Officers of the concerned.
- c. Prepositioned and augmented supplies to the dengue affected and non-affected areas in the Municipalities of Sta. Fe, Tanauan, Burauen, MacArthur, and Abuyog.
- d. Activated the PDOHO-Leyte - Provincial Health Office (PHO) Operation Center.
- e. Activated the PDOHO-Leyte SON-HEM Unit for the referral of Dengue suspected cases and regular referrals from the RHU's to higher health facilities.
- f. Coordinated with the DOH CHD-EV HEM Staff, Regional Dengue, Malaria and Filariasis Program Staff, Human Resource for Health (HRH), and health facilities.
- g. Collected data and consolidated reports through PDOHO-Leyte from the RHU level to the provincial level in close-coordination with DOH CHD-EV Surveillance Officer.
- h. Practiced and reinforced the existing RESU reporting system with the use of the prescribed reporting form from the municipal to the provincial level (Case Report Form for Dengue).
- i. Mobilized HRH for the intensification of information drive of Dengue awareness, health promotional activities and advocacies.
- j. Facilitated logistical assistance and other related concerns of the different Rural Health Units and health facilities of Leyte to concerned DOH CHD-EV program, to the Provincial Health Office and other concerned institutions.
- k. The Development Management Officers IV (10) of Leyte provided technical assistance the different Local Chief Executives for the Dengue prevention and control measures.
- l. Collaborated with the PDOHO Leyte re deployment of personnel with local officials.
- m. Monitored and gathered data on the suspected dengue cases in the municipal at the hospital level.
- n. Allocated health commodities to the Municipalities of San Isidro, Matag-ob, and Bato amounting to ₱11,228.52.
- o. Adapted and implemented the DOH CHD-EV Memorandum Order 034, s. 2019 or the Code White Alert upon the issuance made on 10 July 2019 for health emergency preparedness and response and Code Blue Alert status dated 20 July 2019 in relative to the increasing trend of Dengue suspected cases in Leyte.

Provincial DOH Office – Northern Samar

- a. Conducted dengue surveillance and monitoring of new cases and clustering.
- b. Conducted HRH and RHU staff meeting for the increasing dengue cases.
- c. Provided health commodities to downlines.
- d. Encouraged all RHUs to conduct Larval Survey and Search and Destroy.
- e. Developed a roadmap towards kiti-kiti free barangay.

Provincial DOH Office – Samar

- a. Raised code to BLUE alert status to ensure a comprehensive and well-coordinated response.

- b. Established a joint PDOHO-PHO Samar OpCen and Incident Management Team on dengue outbreak incident.
- c. Activated the Operations Center including weekends for continuous monitoring and coordination.
- d. Coordinated an Incident Command conference on 29 July 2019 with provincial government, hospitals, PDRRMC, DOH EV-CHD, and PHO on the status of cases, issues, actions taken and immediate activities to be done by each agency.
- e. PHO conducted advocacy on 29 July 2019 through media regarding the status of dengue cases and on 4S.
- f. Conducted PDOH-PHO Samar OpCen Staff meeting on 30 July 2019 re status update, OpCen activities and agreements.
- g. Augmented DOH commodities (RDT) to affected LGUs.
- h. PHO Samar conducted and provided technical assistance to affected LGUs on dengue as to when to conduct larval survey, search and destroy, and fogging/misting operations.
- i. Conducted advocacies and monitoring visits to affected municipalities.
- j. Coordinated with RESU, Dengue program, CHOs/RHUs and hospitals, and other health sectors on the status of cases and needed assistance.
- k. Monitored cases of deaths.
- l. Issued memoranda / documents regarding the following:
 - Activation of OpCen, Incident Command System, and reporting scheme of cases.
 - Joint Provincial DOH office and Provincial Health Office – Samar OpCen response teams and PDOHO and PHO – Samar Incident Management Team organizational structure.
 - Hospital for establishment of dengue fast lane and hydration unit.
 - RHU's for establishment of hydration area and activation of OpCen.
- m. Provided Rapid Dengue test kits amounting to ₱38,350.00 to 23 municipalities, and 2 pieces of Olyset nets to RHU Gandara.
- n. Conducted PDOH-PHO Samar staff meeting on 02 August 2019 on the status update, OpCen activities, and agreements made.
- o. Disseminated the latest Dengue advisories / updates to LGUs and partners.
- p. Conducted a provincial command conference on dengue hosted by the Provincial Government of Samar on 23 August 2019.
- q. Conducted fogging and technical assistance provisions to LGUs.
- r. Conducted a training/orientation on fogging and dengue vector surveillance among selected MDRRMO staff/personnel and RSI's.
- s. Provided logistics to the following LGUs:
 - 2 pcs of Resigen to LGU Motiong (₱10,080.00)
 - 100 sachet of ORS to LGU Calbayog (₱420.00)
 - 2 pcs of Resigen to LGU Villareal (₱10,080.00)
 - 100 sachet of ORS to LGU Hinabangan (₱420.00)

Provincial DOH Office – Southern Leyte

- a. Conducted campaigns on Dengue Awareness Program such as Enhanced 4S Strategy, and health education through HRH deployment.
- b. Established a joint PDOHO-PHO OpCen and Incident Management Team on dengue.
- c. Monitored the event and coordinated with PHO and PDRRMO.

DILG Eastern Samar Provincial Office

- a. Organized and activated the Anti-Dengue Task Force.

- b. Advocated and fogged areas identified with the presence of the outbreak or epidemic and other areas to reduce and control the dengue outbreak.
- c. Conducted a provincial consultation meeting re Anti-dengue prevention measures attended by the provincial, city, and municipal health workers.
- d. Conducted a joint meeting with PDC and PPOC wherein the same consultation and community awareness were discussed and given action.
- e. Conducted an organizational meeting on the Anti-Dengue Task Force for better result in the fight against dengue and reduction of morbidities and mortalities.
- f. Advocated using both tri-media and social media.
- g. Conducted mosquito misting and fogging.
- h. Distributed flyers, established dengue desk even in small gathering, and displayed information materials (Waray-waray version) on how to fight dengue.

8th Infantry Division, Philippine Army

- a. Accommodated 10 patients with dengue cases.
- b. Established linkages of reporting to the Philippine Integrated Disease Surveillance and Response (PIDSRS) through the Disease Surveillance Nurse.

PDRRMC Southern Leyte

- a. Conducted a Stakeholders Emergency Meeting relative to Dengue Prevention and Control on 06 August 2019 for the presentation of updated status of dengue in the province.
- b. Raised its alert status to code BLUE.
- c. Presented and encouraged stakeholders to intensify the campaign through different activities such as (4S) to decrease if not eradicate dengue cases in the province.
- d. Conducted simultaneous clean-up drives every Friday.

CDRRMC Maasin City, Southern Leyte

- a. Activated the Akyson Barangay Kontra Dengue Initiative.
- b. Conducted fogging activities and IEC Drives.
- c. Distributed mosquito nets.
- d. Intensified barangay monthly clean-up.

MDRRMC Anahawan, Southern Leyte

- a. Conducted a municipal wide Search and Destroy activity in the communities ahead of MC 2019-130 issuance.
- b. Directed all barangays to conduct its respective Search and Destroy activities.

MDRRMC Bontoc, Southern Leyte

- a. Conducted surveillance and investigation to the families and barangays with dengue cases.
- b. Conducted IEC through BANDILYO, meeting with Barangay Kagawad Committee on Health, fogging operation, simultaneous Search and Destroy Clean-up Drive, dengue advocacy at schools, and monthly larval survey in all barangays of Bontoc.

MDRRMC Hinunangan, Southern Leyte

- a. Distributed BANDILYO on Dengue Awareness to 17 barangays and 16 schools.
- b. Conducted search and destroy of mosquitos in breeding sites.

MDRRMC Hinundayan, Southern Leyte

- a. Released communication letters re the conduct of 4S in all areas.

- b. Conducted Search and Destroy Operations, Dengue Awareness Campaigns, Printing of IECs, set-up of hydration areas, and NS1 Testing for probable dengue cases.

MDRRMC Libangon, Southern Leyte

- a. Conducted LEC campaign by RHU and larval inspection to barangays.
- b. Encouraged fogging on households.

MDRRMC Liloan, Southern Leyte

- a. Conducted larval survey in all barangays and was repeated in 9 barangays with high Breteau Index and Household Index.
- b. Sent IECs to 24 barangays regarding Dengue Prevention and Control thru Bandilyo.
- c. Conducted simultaneous larval search and destroy clean-up drive in all schools and barangays.

MDRRMC Limawasa, Southern Leyte

- a. Conducted clean-up drives which was participated by Local Executives, employees, PNP, and 6 barangays.
- b. Conducted simultaneous info-drive in 6 barangays.

MDRRMC Malitbog, Southern Leyte

- a. Conducted Information Education Campaign about dengue during special barangay assembly.
- b. Conducted mass blood donation, baseline dengue larval survey, barangay dengue search and destroy IEC about dengue and bi-weekly dengue larval survey for hotspot areas.

MDRRMC Padre Burgos, Southern Leyte

- a. Implemented "BANDILYO" to strengthen Dengue Awareness Campaign.
- b. Distributed different IEC materials on dengue in public areas.
- c. Conducted larvae survey in different barangays; coastal and river clean-up drive; and close door meeting with LCE, MHO, Midwife and BHW for prompt actions to be undertaken.
- d. Conducted information drive on Public Hearing at P. Burgos Gym on National Epidemic to continue 4S and clean-up drive every 4 o'clock.
- e. Conducted several meetings with different stakeholders.

MDRRMC Pintuyan, Southern Leyte

- a. Requested the DILG through a letter for the assistance in communicating the following responsibilities to barangay leaders:
 - Activate the Aksyon Barangay Kontra Dengue Initiative.
 - Regularize Search and Destroy Activities as a weekly activity.
 - Conduct Information Campaign Drive via BANDILYO System.
 - Assist the RHU in monitoring possible cases of Dengue by sending residents with at least 2 days fever to the RHU to be properly screened and managed.

MDRRMC Silago, Southern Leyte

Conducted clean-up drive on 06 August 2019 together with MHO and 15 barangays.

MDRRMC San Francisco, Southern Leyte

Issued communication encouraging all barangay to conduct simultaneous search and destroy clean-up drive.

MDRRMC San Juan, Southern Leyte

- a. Deployed staff in facilitating clean-up in all 17 barangays of the municipality in coordination with other agencies which was conducted regularly 3x a week to control/stop dengue from spreading.
- b. Conducted a meeting with all barangay health workers and the general public to strengthen activities in the pursuit to defeat dengue.

MDRRMC San Ricardo, Southern Leyte

Conducted larval survey, simultaneous search and destroy, symposium on dengue awareness, and dengue rapid tests to all suspected cases.

MDRRMC Sogod, Southern Leyte

- a. Conducted massive advocacy on dengue prevention, larval survey, search and destroy clean-up campaigns, simultaneous clean-up drive, and early diagnostic exam and consultation on patients with 2 days fever with accompanying signs and symptoms.
- b. Prepositioned gasoline/diesel for fogging purposes.
- c. Coordinated with PRC – Maasin Chapter for blood products transfusion with the availment of free screening fee.

MDRRMC St. Bernard, Southern Leyte

- a. Issued Executive Order No. 14, s. 2019: “An Order Creating the Technical Working Group for Dengue Alerts in the Municipality of Saint Bernard, Southern Leyte”
- b. Conducted a Dengue Alert-TWG Meeting.

MDRRMC Tomas Oppus, Southern Leyte

Conducted a clean-up drive for the prevention of dengue on 09 August 2019.

PDRRMC Samar

Issued Executive Order No. 16, s. 2019 re An Order declaring 17 August 2019 and every Saturday thereafter for Four Consecutive Saturdays as Synchronized Province Wide Clean-Up Drive to Search and Destroy Mosquito Breeding Sites in order to Prevent, Mitigate and Control Dengue Cases.

CDRRMC Catbalogan City, Samar

Conducted information Dissemination on the prevention of dengue, larval survey, larvicide activities, mosquito net treatment, clean-up drives, search and destroy activities of mosquito breeding sites, and fogging activities.

MDRRMC Daram, Samar

Issued and complied with memorandum No. 36, s. 2019 dated 07 August 2019 for the Conduct of Synchronized Search and Destroy of Mosquito Breeding Sites on 09 August 2019.

MDRRMC Gandara, Samar

- a. Conducted larvae survey, barangay assembly, fogging, bandillos, and mosquito net/bed net impregnation.
- b. Conducted advocacy meetings with Brgy. Kagawads, BHWs, some residents, and the Association of Barangay Captains.
- c. Conducted a meeting with RHU staff, barangay officials, BHWs, and 4Ps beneficiaries.
- d. Joined the simultaneous clean up drive / search and destroy mosquito breeding places on 06 and 09 August 2019.
- e. Installed Olyset Net at Gandara 2 Central School on 09 August 2019.

- f. Posted IEC materials on dengue programs.

MDRRMC Hinabangan, Samar

- a. Disseminated information re Dengue Prevention conducted by MHO and DRRM Office on 06 August 2019.
- b. Issued an EO to suspend work to ensure everybody's participation in the conduct of search and destroy operation against dengue.
- c. Conducted clean up drive in all barangays.
- d. Created the Municipal Anti-Dengue Task Force on 13 August 2019.
- e. Issued EO to establish that every Friday is the schedule of sustainable search and destroy of all mosquito breeding sites (MBS) on 14 August 2019.
- f. Conducted a meeting of LHB for Plan Formulation on Anti-Dengue Prevention and Control.
- g. Conducted simultaneous larva survey and dengue awareness campaigns.
- h. Procured Anti-Dengue Medical Supplies.

MDRRMC Jiabong, Samar

- a. Issued Executive Order on Dengue Epidemic Response.
- b. Conducted regular meetings with barangays and its respective teams / committees.
- c. Assigned point person for the search and destroy of potential mosquito breeding sites, de-clogging of wastewater drains and maintain the general cleanliness of streets.
- d. Assisted and facilitated the collection of mosquito larvae.
- e. Monitored the Municipal-wide conduct of daily 4 o'clock habit.
- f. Posted campaign materials on public places.
- g. Monitored the LGU preparedness and response.

MDRRMC Motiong, Samar

- a. Conducted the BHW and BNS Congress 2019 (Orientation on RA 7883, Activation of ABKD Task Force and Orientation on How to Conduct Larval Survey) and orientation on Dengue Prevention and Control on 06 August 2019.
- b. Disseminated and adhered to the EO declaring every Friday as Synchronized Search and Destroy of MBS.
- c. Monitored barangay activities on Synchronized Search and Destroy of MBS.
- d. Disseminated IEC on Dengue Prevention and Control to Municipal Employees on 09 August 2019.

MDRRMC Pagsanghan, Samar

Conducted the following activities:

- Larvae survey, search and destroy clean up drive on 07 August 2019.
- Barangay Health Board Meeting (Plans against Dengue) at Brgy. Canlapwas on 07 August 2019.
- Bandillo at Brgy. Poblacion, Villahermosa, and Caloloma on 22 July 2019.
- Dengue Awareness at Pagsanghan National High School on 22 July 2019.
- RHU Staff Meeting with BHF regarding Dengue Campaign on 15 July 2019.
- Dengue Awareness Campaign at Pagsanghan Elementary School on 23 July 2019.
- Family Development Session relative to Dengue on 30 July 2019.
- Search and destroy clean up drive on 06 August 2019.
- Distribution of IEC materials on 06 August 2019.

MDRRMC Paranas, Samar

- a. Conducted information-dissemination drive re Dengue prevention with MHO and DRRMO office on 05 August 2019.
- b. Issued an EO to suspend work to ensure everybody's participation in the conduct of search and destroy operation against dengue.
- c. Conducted a meeting with Local health Board with the participation of all Punong Barangays and School heads of both elementary and high school in the Plan Formulation on Anti-Dengue Prevention and Control.
- d. Instructed all punong barangays to activate their respective Barangay Dengue Brigades and conduct continuous clean up drive and submit reports.
- e. Conducted Search and Destroy Clean-up activity last 09 August 2019.

MDRRMC San Sebastian, Samar

- a. Issued Memorandum, Order No. 1, s. 2019 dated 07 August 2019 for the Conduct of Search and Destroy Clean-Up Activity.
- b. Conducted search and destroy clean up activity on 09 August 2019 at Barangays Campiyak, Inobongan, Dolores, and Poblacion.

MDRRMC Sta. Margarita, Samar

- a. Activated / created the Dengue Task Force/ Committees.
- b. Conducted search and destroy potential mosquito breeding sites in households, barangays and schools, and de-clogged wastewater drains, sewers, esteros, and canals.
- c. Maintained the general cleanliness of streets and public places.
- d. Ensured the availability of vehicles for transportation of patients.
- e. Facilitated the collection of mosquito larvae.
- f. Monitored the Municipal-wide conduct of 4 o'clock habit.
- g. Posted campaign materials on public places.
- h. Sustained IEC and advocacy activities in all barangays.
- i. Visited barangays, puroks, and schools for the conduct of 4 o'clock habit.
- j. Conducted Regular Dengue Task Force meeting with barangay council members.
- k. Monitored LGU preparedness and response.

MDRRMC Talalora, Samar

Conducted Nationwide Simultaneous Search and Destroy Clean-up Drive of Talalora, Samar on 06 August 2019.

MDRRMC Tarangnan, Samar

Conducted Search and Destroy Clean-up Drive of Tarangnan, Samar on 12 August 2019.

MDRRMC Villareal, Samar

- a. Conducted a meeting with ABC with regards to the Dengue Prevention and Control measures.
- b. Conducted an Emergency meeting with all barangay Chairmen, MDRRM Council meeting on prevention and control, and consultative meeting on Dengue Disease, Prevention and Control with the barangay officials.
- c. Conducted baseline larval survey and search and destroy activities in all barangays.
- d. Intensified information dissemination in Dengue Prevention and Control during Family Development Session in all barangays.
- e. Implemented the monthly clean up drive of all barangays.
- f. Conducted the daily 4 o'clock habit of each household in the Municipality.
- g. Purchased two (2) units of fogging machines.

- h. Conducted fogging in identified priority areas/barangays.

CDRRMC Baybay City, Leyte

- a. Conducted search and destroy in potential mosquito breeding sites.
- b. Prepositioned available vehicle for transportation of Dengue patients to health facilities.
- c. Conducted site visits to barangays, purok, and schools for the facilitation of daily 4 o'clock habit.
- d. Oversaw the intensified IEC and advocacy activities in all barangays.

MDRRMC Almeria, Biliran

- a. Conducted flushing, clean-up of drainage, simultaneous search and destroy operations, and information drives in all barangays.
- b. Coordinated with the District School Head for the conduct of school based clean-up.
- c. Coordinated with the barangay health workers and nurses assigned to the barangay to assist the barangay in the conduct of activities.

MDRRMC Biliran, Biliran

- a. Coordinated with stakeholders.
- b. Conducted emergency meeting re dengue cases in the municipality.
- c. Activated Integrated Vector Management Task Force.
- d. Conducted dengue larval survey, search and destroy operations, larvacide to breeding sites and distribution of IECs.
- e. Monitored, observed, and managed the cases.
- f. Intensified dissemination of health advisory and clean up drive per barangay.
- g. Participated in the National Simultaneous 4 o'clock habit.

MDRRMC Cabucgayan, Biliran

- a. Participated in the Simultaneous Search and Destroy on 06 August 2019.
- b. Prepared weekly plan of activities for dengue prevention and control.

MDRRMC Kawayan, Biliran

- a. Conducted IEC and distribution of flyers, house to house and school based search and destroy clean-up drive, distribution of mosquito nets, fogging operations, meeting with MDRRMC members and other stakeholders, community clean-up drives, and monitoring and evaluation.
- b. Purchased medicines and medical supplies

MDRRMC Naval, Biliran

- a. Reactivated the Anti-Dengue Brigade Task Force per Barangay in accordance to Municipal Ordinance No. 52-2018.
- b. Conducted Health Advocacy and Promotion through Barangay General Assembly and PTCA Meeting in school.
- c. Conducted Search and Destroy Operations / Clean-up Drive.
- d. Enhanced 4S Strategy at Barangay Health Facilities and set-up early referral to the Municipal Health Office for suspected dengue cases.
- e. Strengthened Laboratory Surveillance.
- f. Conducted fogging in barangays with clustering of dengue cases.
- g. Conducted Epidemiological Investigation on outbreak areas.

MDRRMC Maripipi, Biliran

- a. Conducted larval survey, community clean-up, search and destroy activities, fogging operations, consultation of patients with dengue-like symptoms,

Dengue Rapid Test for symptomatic, and Simultaneous Clean-up Drive for health facilities in the 20 barangays of Kawayan.

- b. Intensified campaign on 4S.

MDRRMC Abuyog, Leyte

- a. Participated in the Nationwide Simultaneous Search and Destroy Clean-Up Drive Campaign of DOH on 06 August 2019 and was spearheaded by the RHU personnel and RSI.
- b. Intensified Dengue IEC activities in all barangays and prevention measures such as the conduct of 4 o'clock habit and clean-up drive in potential mosquito breeding sites.
- c. RHU personnel assisted and facilitated in the collection of mosquito larvae.
- d. Procured 2 fogging machines, misting machines, chemicals, NS1, and ORS.
- e. Activated the reporting system of BHWs to midwives.

MDRRMC Alang-Alang, Leyte

- a. Created EO on the Enforcement of the Dengue Control Program through Intensive Social Mobilization in the Barangay Level.
- b. Conducted Awareness Campaigns and advocacies, and larval survey.

MDRRMC Albuera, Leyte

- a. Intensified Anti-Dengue Campaign activities such as Bandillo/rekorida per barangay, clean-up drive, larval survey, dengue awareness dissemination in schools, and fogging.
- b. Conducted larval survey per barangay and dengue awareness / information dissemination in all elementary and high schools in Albuera.
- c. MHO and DMO attended the ABC meeting – inform the barangay captains the status of Dengue cases in the Municipality, early detection, prevention, and control.
- d. LGU purchased one unit fogging machine.
- e. Reactivated the Dengue Task Force at the barangay level.
- f. Municipal DILG implemented the Action sa Barangay Kontra Dengue (ABKD).
- g. Participated in the launching of Sabayang 4 o'clock Habit.

MDRRMC Barugo, Leyte

- a. Participated in the Nationwide Clean-up Drive Activity.
- b. Scheduled the clean-up drive every Friday afternoon.

MDRRMC Bato, Leyte

Conducted Search and Destroy activity on 6 August 2019 and encouraged barangays to conduct their own in possible mosquito breeding sites.

MDRRMC Burauen, Leyte

Conducted Dengue Awareness Campaign and fogging in the barangays.

MDRRMC Carigara, Leyte

- a. Conducted Dengue Awareness Campaign.
- b. Issued EO creating Task Force Dengue in every barangay.
- c. Distributed Dengue awareness leaflets.
- d. Conducted clean-up and drainage/canals flushing at Ecoville Housing Relocation Project.
- e. Issued an EO creating Task Force Dengue in every Barangay.

MDRRMC Calubian, Leyte

- a. Conducted information drives on dengue prevention in all barangays of the municipality.
- b. Conducted clean-up drive in public schools on 27 July and 03 August 2019.
- c. Conducted Dengue Awareness Campaigns emphasizing 4S Strategy KPNTRA Dengue and 4 o'clock habit during barangay assemblies and all 53 barangays.
- d. Procured two (2) fogging machines and medical logistics, medicines, and supplies.
- e. Conducted a bloodletting activity on 12 August 2019 at ABC Hall, LGU Grounds.
- f. Facilitated the EO for the Enforcement of Dengue Control Program through Social Mobilization in the Barangays and Enhancement of the 4S Strategies.

MDRRMC Dagami, Leyte

- a. Intensified Anti-Dengue Campaign activities such as clean-up drive, larval survey, dengue awareness, fogging operations, putting of larvacides in drainages, and creation of "Municipal Dengue Task Force".
- b. Conducted and promoted the 4 o'clock habit.
- c. Created the Municipal Dengue Task Force.
- d. Purchased DRT kits.

MDRRMC Hindang, Leyte

Conducted simultaneous Anti Dengue control programs and activities with the barangays.

MDRRMC Hilongos, La Paz Matag-ob, Mayorga, and San Isidro Leyte

- a. Activated the Municipal Dengue Task Force.
- b. Assigned point persons for "Aksyon Barangay Kontra Dengue".
- c. Prepositioned available vehicle for transportation of patients to health facilities.
- d. Assisted and facilitated in the collection of mosquito larvae.
- e. Procured chemicals, cleaning tools.
- f. Provided available maps and list of areas with canal water, stagnant pools, esteros, and dumpsites.
- g. Conducted Municipal-wide daily 4 o'clock habit.
- h. Disseminated local advisories and campaign materials on public places.
- i. Monitored, intensified and sustained IEC and advocacy activities in all barangays.
- j. Conducted Regular Dengue Task Force meeting.

MDRRMC Isabel, Leyte

- a. Conducted simultaneous clean-up drive in different barangays with its respective Barangay Official, and assigned nurses on 21 July 2019.
- b. Conducted larvae survey in different barangays especially to areas with high incidents of dengue cases.
- c. Conducted Dengue Rapid Test to suspected patients with dengue fever and coordinated with the different hospitals and clinics regarding the surveillance of dengue
- d. Conducted health advocacy with the NDPs to its respective catchment areas especially during the house-to-house visit and incorporating the importance of 4 S and the 4 o'clock habit in the health lecture in different DOH Programs.

MDRRMC Javier, Leyte

- a. Conducted a joint meeting with the MDRRMC and Local Health Board to discuss municipal action to contain, if not eradicate the spread of the dengue.
- b. Disseminated local information to all 28 barangays.

- c. Conducted 4S orientation in all barangays or Larval Survey, clean-up drive, risk assessment or consultation, and Dengue Rapid Tests.

MDRRMC Kananga, Leyte

- a. Created EO No. MMO-19-00006, Mandating all Barangay Officials within the jurisdiction of the Municipality to take the lead in the Aksyon Barangay Kontra Dengue (ABKD) Program of the DOH in intensifying the prevention and control of dengue transmission.
- b. Conducted a MDRRMC Meeting to discuss the dengue outbreak and countermeasures to stop the spread of the disease.

MDRRMC Matalom, Leyte

- a. Synchronized clean-up activity every 3rd Saturday of the month.
- b. Conducted clean-up through search and destroy of possible dengue mosquito laying areas.
- c. Purchased fluids, kits, medicines, 2 fogging machines, and chemicals for fogging machines.

MDRRMC Mahaplag, Leyte

Conducted IEC about dengue

MDRRMC Merida, Leyte

- a. Installed Information and Education Campaign (IEC) for dengue.
- b. Conducted larval survey, ocular survey, investigation on areas with dengue cases, collection, validation and filling of dengue reports from hospitals, consultation and referral of dengue cases, misting operations, Special Brigada Eskwela Oplan: Kontra Dengue and clean-up drives.
- c. Created dengue task force/ barangay brigade.

MDRRMC Pastrana, Leyte

- a. Conducted coordination meeting of local health board with Punong Barangays regarding the status of dengue cases within its AOR.
- b. Issued Executive Order No. 2019-08 implementing the 4 o'clock sop, look and listen habit in the implementation of the "Aksyon Barangay Kontra Dengue"

MDRRMC San Miguel, Leyte

- a. Conducted simultaneous Dengue Search and Destroy activity and IECs.
- b. Intensified the conduct of clean-up drive.

MDRRMC Tabango, Leyte

- a. Conducted synchronized barangay clean-up drive.
- b. Campaigned for the application of 4s.

MDRRMC Tabon-Tabon, Leyte

Conducted a special meeting with Punong Barangays re possible solutions to Dengue Outbreaks.

MDRRMC Tolosa, Leyte

- a. Conducted the 4 o'clock habit.
- b. Organized/activated Dengue Brigade.
- c. Scheduled the conduct of fogging operations.
- d. Monitored and evaluated RHU preparedness and response.
- e. Conducted regular meetings with other barangays and its respective team / committees.

- f. Created Dengue Task Force to lead for the conduct "Aksyon Barangay Kontra Dengue".
- g. Prepositioned available vehicle for transportation of patients to health facilities.
- h. Conducted Dengue Awareness Campaign.

MDRRMC Tunga, Leyte

Issued EO creating Dengue Task Force clean-up activities to destroy mosquito breeding sites.

MDRRMC Villaba, Leyte

- a. Conducted a weekly municipal wide clean-up drive participated by all sectors.
- b. Strengthened health advocacy and Dengue awareness campaign in all public and private schools and 4Ps beneficiaries conducted by RHU Personnel in coordination with schools administration, barangay officials, and 4Ps municipal Link.
- c. Conducted dengue rapid test on suspected dengue patients.

MDRRMC Jipapad, Eastern Samar

- a. Disseminated information regarding the conduct of clean-up drive through bandillo within the AOR.
- b. Conducted larval survey in all barangays.

MDRRMC MacArthur, Eastern Samar

- a. Rural Health Unit
 - Intensified the Anti-Dengue Awareness Campaign by conducting barangay assemblies and house-to-house visit.
 - Conducted larval survey.
 - Monitored and observed the dengue cases.
 - Reported dengue status to the Local Chief Executives
- b. Local Government Unit/ Local Chief Executive
 - Conducted the following activities:
 - Emergency meeting with RHU personnel and DOH-HRH nurses on 19 July 2019.
 - Kick-off Municipal-wide Clean-up Drive Kontra Dengue on 22 July 2019.
 - Misting in Poblacion IV on 08 August 2019.
 - Procured chemical, medicines and supplies.
- c. Allocated ₱400,000.00 from the 30% Quick Response Fund.

RDRRMC X

OCD X

Coordinated with DOH X for updates on the Dengue Outbreak.

DOH X

- a. Activated to code BLUE alert status.
- b. Intensified vaccination efforts in coordination with the LGUs and NGAs.
- c. Activated the Regional Incident Command System for Dengue.
- d. Conducted Inter-Agency Task Force Quarterly meeting (Government and Non-government) on 27 February 2019.
- e. Strengthened the advocacy on Enhanced Dengue 4S in the community.
- f. Supported the fogging and spraying operations of dengue hotspot areas.
- g. Coordinated with the PHO and MHO on the conduct of fever case surveillance and dengue vector control activities.

- h. Prepared Weekly Dengue Monitoring Reports for submission to National Dengue Program.
- i. Allocated and distributed 5,250 Dengue RDT NS1 Kits to 84 LGU Health Facilities
- j. Allocated and distributed 750 bottles of insecticide for misting to the province of Bukidnon and Lanao del Norte including Iligan City.

DEPED X

- a. Conducted activities designed to prevent the dengue virus by ensuring that education facilities and buildings are free from mosquito-breeding areas.
- b. Conducted information dissemination and other preventive measures to stop the spread of the dengue virus.

RDRRMC XI

OCD XI

- a. Coordinated with DOH XI and PDRRMOs for dengue status and updates.
- b. Monitored updates of dengue cases.

RDRRMC XII

OCD XII

- a. Raised its alert status to BLUE on 15 August 2019.
- b. Coordinated with the DOH-HEMS on the Dengue status and updates.
- c. Coordinated and monitored with the Municipality of Tantaran, South Cotabato.
- d. Conducted emergency meeting with the Municipal and Barangay Officials as well as the MDRRMO.
- e. Conducted Dengue Vector Surveillance (DVS).
- f. Local Health Officers conducted a fogging operation to the different barangays within the region.
- g. Issued Dengue Alert Advisory to all private and government hospitals in South Cotabato
- h. Coordinated with DILG XII to issue memorandum to all LGUs for strict implementation of actions stipulated in the DOH Checklist for Dengue Epidemic Preparedness and Response.

DOH XII

- a. Investigated and validated the dengue cases reported by the LGUs.
- b. Coordinated and monitored with RESU XII on the status update of Dengue cases.
- c. Provided insecticides and larvasides in the region.
- d. Disseminated the DM No. 2019-0307 re Conduct of Sabayang 4 O'clock Habit para sa Deng-Get Out activities sent to LGUs and other government agencies.
- e. Provided technical assistance through the Regional Dengue outbreak Response Forum, Launching of Sabayang 4 O'clock Habit, and Advocacy campaign during the RIACEH Meeting.
- f. Disseminated information through radio-plugging to 5 radio stations for 10 hotspots per day.
- g. Disseminated dengue advisories and information in the region and issued Dengue Alert Advisories to all Private and Government Hospitals of South Cotabato.

RESU XII

Monitored the surveillance of health events.

Municipal Epidemiology Surveillance Unit (MESU)/Regional Health Unit (RHU) XII

- a. Conducted a meeting with the Brgy. Chairman and Council.
- b. Conducted an investigation and verification of the cases in the affected areas.

- c. Conducted an Anti-Dengue orientation in different barangays.
- d. Conducted a DVS- Dengue Vector Surveillance.

Provincial Epidemiology Surveillance Unit (PESU) XII

Issued directive to all MESUs in the province to conduct Anti-Dengue Orientation in different barangays.

Integrated Provincial Health Office (IPHO) XII

Intensified the health promotion activities “Operation Linis/Oplan Kulob” and distributed IEC materials on anti-dengue campaign information drive in schools.

Provincial Health Offices General Santos, Koronadal, Kidapawan, and Tacurong

- a. Conducted weekly data analysis and disseminated the same to stakeholders.
- b. Issued dengue alert advisory to all LGUs including BLGUs.
- c. Monitored and reported the identified dengue sensitive areas/hotspots per barangay.
- d. Monitored the enhanced 4S Strategy among municipalities and barangays.
- e. PDRRMC Sarangani conducted emergency meeting together with the MHOs and DOH RO XII and activated the ICS.

PDRRMC South Cotabato

Conducted emergency meeting with IPHO re dengue outbreak in the province.

RDRRMC CAR

- a. Conducted a coordination meeting to present and discuss the updates on the dengue cases in the region and possible actions of all stakeholders.
- b. Maintained the BLUE Alert Status of the Cordillera RDRRM Emergency Operations Center, through the issuance of CRDRRMC Memorandum No. 37, s. 2019.
- c. Created an inter-agency task group for Dengue with DOH-CAR as lead agency, through the issuance of CRDRRMC Memorandum No. 38, s. 2019.
- d. Conducted an Emergency Response Preparedness (ERP) on Dengue Cases in the CAR on 30 July 2019.
- e. Issued a Public Advisory for Dengue emphasizing the application of the “4-S Against Dengue” on 30 July 2019.
- f. Issued CDRRMC Memorandum No 47, s. 2019 re Participation to the Regionwide Simultaneous Search and Destroy of Mosquito Breeding Sites by the Member Agencies and LDRRMCs dated 06 August 2019.
- g. Conducted a TWG Meeting on 20 August 2019 to present and discuss updates on Dengue situation in CAR.

OCD CAR

- a. Facilitated coordination meetings for the nationwide dengue alert.
- b. Coordinated with DOH-CAR for dengue updates.
- c. Promoted dengue awareness and prevention tips through information, education, and communication (IEC) materials.

DOH CAR

- a. Promoted dengue public awareness and education.
- b. Organized collaborative and consultative meetings on dengue.
- c. Activated the Health Emergency Response Team (HERT).
- d. Issued letter to municipal and provincial LCEs regarding dengue status and recommendation of anti-dengue activities such as search and destroy of mosquito breeding sites, 4S strategy, and active fever surveillance through DOH-CAR Circular No. 2019-001.

- e. Created the Dengue Task Force for the prevention, control and response to dengue outbreak through the issuance of DOH CHD CAR Office Personnel Order No. 2019-350.
- f. Strengthened disease and vector surveillance and control through capability building of Epidemiology and Surveillance Units (ESU) of all LGUs and hospitals.
- g. Monitored the functionality assessment of Provincial/City ESUs, capital town ESUs, provincial hospital ESUs, and DOH Retained hospitals.
- h. Conducted surveillance activities and weekly data analysis.
- i. Prepositioned logistics to the Provincial Department of Health Offices (PDOHOs) such as drum net covers, insecticides, Dengue Rapid Test Kits, and Long-Lasting Insecticide Treated Nets.

Province/City	LOGISTICS				
	Dengue RDT Kits	Insecticide Treated Curtains (rolls)	Adulticide (bottles)	Larvicide (sachets)	Drum net Cover (pieces)
Abra	2,200	24	55	200	100
Apayao	2,950	63	113	1,400	200
Baguio City	785	7	20	500	300
Benguet	2,580	26	47	1,000	300
Ifugao	1,540	15	36	1,700	100
Kalinga	1,225	9	28	500	100
Mountain Province	885	12	32	405	100
Total	12,215	156	331	5,705	1,200

- j. Conducted inventory of logistics, which Drugs and Medicines were made available at Regional Office Warehouse amounting to ₱ 1,549,482.58
- k. Provided technical assistance on On-site Program Monitoring and Larval Surveillance Training.
- l. Released memorandum for the participation of PDOHO, PHO, HRM, MHO, and retained Hospitals on the “Sabayang 4-O’ clock para Deng-Get Out Activities”.
- m. Enjoined the participation of LGUs on the “Sabayang 4-o’clock Habit para Deng-Get Out.”
- n. Disseminated the Department Memorandum 2019-0315 containing the outbreak response and checklist for Dengue preparedness and response for CHDs, hospitals, RHU/CHO, LGU, schools, Day Cares, communities and households.
- o. Mobilized Human Resource for Health (HRH) to prioritize dengue prevention and control programs under the supervision of the Provincial DOH Offices.

DepEd CAR

- a. Advocated and worked towards “Dengue Free Schools”.
- b. Issued memoranda/institutionalized anti-dengue activities such as DO 23., s. 2015 titled Student Led School Watching, Hazard Mapping (School DRRM Plan), the implementation of 4S against Dengue, anti-dengue clean-up drives in the Brigada Eskwela and deferral of wearing skirts in some School Division Office (SDO).
- c. Coordinated with DOH and PRC in advocacy meetings/campaigns and dissemination of IEC materials to SDOs and schools.
- d. Implemented the use of insecticide treated nets in schools.

PIA CAR

Disseminated public advisories and warning alerts to the public using different platforms.

AFP CAR

Placed the 503rd IBde, 5th ID, PA; TOG 1-PAF; PMA-DRTG, and 14th CAR RCDG ARESCOM human resource and capabilities/resources on standby for possible augmentation.

PNP-PROCOR CAR and BFP CAR

Placed the personnel and capabilities/resources on standby for possible augmentation.

RDRRMC CARAGA**OCD CARAGA**

Monitored the incidents for timely updates.
