



## Event-based Surveillance and Response Quarter 1 Report, 2019 (January 1 - March 31, 2019)

### 2019 1<sup>st</sup> Quarter Summary of Captured Health Events

- A total of 798 health events were captured and verified by EB-ESRU
- From the 798 verified health events, 320 (40%) were reported as an acute public health threat and disseminated to nationwide stakeholders
- Region 12 had the most number (132, 17%) of captured health events followed by Region 1 (104, 13%)
- The most number of reported health events by EB-ESRU were Vaccine Preventable Diseases (143, 45%) followed by Zoonotic Diseases (54, 17%)
- Majority (137, 43%) of the status of health events are ongoing

CAPTURE	No.	%	VERIFICATION of TRUE HE <sup>1</sup>	No.	%	VERIFICATION (cont'd)	No.	%
<b>Total no. of HE<sup>1</sup> captured:</b>	<b>798</b>		Verified by EB-ESRU	2	1%	<b>Status:</b>		
			Verified by RESUS <sup>2</sup>	282	88%	Closed	107	33%
			Verified by IHR <sup>3</sup> focal units	34	11%	Ongoing	137	43%
			Others	2	1%	Controlled	76	24%
<b>Source:</b>			<b>Total</b>	<b>320</b>	<b>100%</b>	<b>Total</b>	<b>320</b>	<b>100%</b>
DOH	757	95%	<b>Disease Classification of True HE<sup>1</sup>:</b>					
Internet	4	1%	VPD <sup>5</sup>	143	45%	<b>ASSESSMENT</b>	<b>No.</b>	<b>%</b>
Others	37	5%	Zoonotic Diseases	54	17%	<b>Level of Concern:</b>		
<b>Total</b>	<b>798</b>	<b>100%</b>	Food and Water-borne Dse.	37	12%	PHELC <sup>7</sup>	262	82%
<b>Regions with most no. of captured HE<sup>1</sup>:</b>			Maternal Death	23	7%	PHERC <sup>8</sup>	23	7%
Region 12	132	17%	Vector-borne Diseases	20	6%	PHENC <sup>9</sup>	35	11%
Region 1	104	13%	Others	19	6%	PHEIC <sup>10</sup>	0	0%
NCR	90	11%	Chemical-related Diseases	3	1%	<b>Total</b>	<b>320</b>	<b>100%</b>
<b>Means of Capture:</b>			EREID <sup>4</sup>	7	2%			
Active	2	0.3%	Meningococcal Diseases	14	4%	<b>RESPONSE</b>	<b>No.</b>	<b>%</b>
Passive	796	99.7%	AIDS <sup>6</sup> -related	0	0%	No. of HE <sup>1</sup> with local response	320	100.0%
<b>Total</b>	<b>798</b>	<b>100%</b>	<b>Total</b>	<b>320</b>	<b>100%</b>	No. investigated by FETP <sup>13</sup>	2	1%
<b>FILTER</b>	<b>No.</b>	<b>%</b>	<b>Top regions with verified HE<sup>1</sup>:</b>			Fellows		
Reported by EB-ESRU	320	40%	Region 6	40	13%	<b>FEEDBACK MADE TO RO<sup>11</sup></b>	<b>No.</b>	<b>%</b>
Discarded	466	58%	Region 12	39	12%	This quarter	798	100%
FYI	12	2%	NCR	36	11%	YTD <sup>12</sup>	798	100%
<b>Total</b>	<b>798</b>	<b>100%</b>						

### Regional Distribution of Captured Health Events

Region	No. of captured (1st QTR 2019)	VERIFIED AS TRUE HEALTH EVENTS				STATUS (1st QTR 2019)			ASSESSMENT (1st QTR 2019)				Total no. of Health Events responded locally (1st QTR 2019)	Total no. of HE with feedback to Regional Office (1st QTR 2019)	
		1st QTR 2019	4th QTR 2018	1st QTR 2018	4th QTR 2017	Closed	Controlled	On-going	PHELC <sup>7</sup>	PHERC <sup>8</sup>	PHENC <sup>9</sup>	PHEIC <sup>10</sup>			
Passive															
Region 1	104	12	22	25	8	9	1	2	12	0	0	0	12	104	
Region 2	34	13	7	11	8	2	0	11	12	1	0	0	13	34	
Region 3	61	14	21	87	34	8	3	3	13	1	0	0	14	61	
Region 4A	11	9	20	210	28	1	3	5	3	6	0	0	9	11	
Region 4B	5	4	2	11	10	0	1	3	4	0	0	0	4	5	
Region 5	48	32	17	39	21	12	10	10	28	4	0	0	32	48	
Region 6	77	40	32	56	42	23	13	4	39	1	0	0	40	77	
Region 7	23	9	11	9	13	1	2	6	6	3	0	0	9	23	
Region 8	52	16	20	18	15	3	1	12	16	0	0	0	16	52	
Region 9	23	14	12	11	11	8	4	2	14	0	0	0	14	23	
Region 10	4	3	2	6	2	2	0	1	3	0	0	0	3	4	
Region 11	21	5	8	11	9	4	0	1	5	0	0	0	5	21	
Region 12	132	39	23	41	40	9	13	17	39	0	0	0	39	132	
ARMM	1	0	0	9	1	0	0	0	0	0	0	0	0	1	
CAR	5	2	3	6	1	0	0	2	2	0	0	0	2	5	
CARAGA	62	27	13	24	23	14	7	6	27	0	0	0	27	62	
NCR	90	36	55	722	89	10	13	13	29	6	1	0	36	90	
IHR	34	34	6	3	7	0	3	31	0	0	34	0	34	34	
Others	9	9	4	0	0	1	2	6	8	1	0	0	9	9	
Sub-total	796	318	278	1299	362	107	76	135	260	23	35	0	318	796	
Active	2	2	0	2	0	0	0	2	2	0	0	0	2	2	
Total	798	320	278	1301	362	107	76	137	262	23	35	0	320	798	

#### Legend:

- Health Event
- Regional Epidemiology and Surveillance Unit
- International Health Regulations
- Emerging and Re-emerging Infectious Diseases
- Vaccine Preventable Diseases

- Acquired Immune Deficiency Syndrome
- Public Health Event of Local Concern
- Public Health Event of Regional Concern
- Public Health Event of National Concern
- Public Health Emergency of International Concern

- Regional Office
- Year to date
- Field Epidemiology Training Program

## Featured Event-based Surveillance and Response (ESR) Report for this Quarter

### Suspect Foodborne Illness in Brgy. Pangan-an, Lapu-Lapu City, Cebu



- On March 27, 2019, the Epidemiology Bureau (EB) received an ESR report of suspected foodborne illness cases in Lapu-Lapu City, Cebu after eating Puffer fish and crabs
- On March 29, 2019, FETP Fellows conducted an epidemiologic investigation
- A total of 8 cases were identified
- Majority (5, 63%) of the cases were males
- Age range of cases: 2 - 38 years (Median: 9 years)
- Suspect implicated food: "Iarang" soup containing puffer fish, crabs and squid
- All cases drank the soup, 6 (75%) ate the puffer fish and squid and 1 (13%) ate crabs only
- Signs and symptoms: vomiting, diarrhea, lower extremity weakness and dizziness, numbness, blurring of vision, abdominal pain, and paresthesia
- 5 (63%) cases were hospitalized, 2 (25%) refused admission, and 1 (13%) case died

## Featured Event-based Surveillance and Response (ESR) Activities for this Quarter

### Improving Timeliness in Dissemination of Event-based Surveillance and Response Monthly Accomplishment Reports



- On January 9, 2019, the process improvement project was initiated
- The Process Improvement Team is composed of the ESR Supervisor, Team Leader, Officers, Computer Programmer, and one FMPC Coordinator
- The process improvement project are spearheaded by FMPC Fellows Ms. Mariz Zheila Blanco, Ms. Fatima Dado, and Ms. Kean Agapito
- On January 14, 2019, the 1st mentoring for the project was conducted by Dr. Sucaldito at the Epidemiology Bureau
- On January 15, 2019, a meeting was conducted with the EB-ESRU team, supervisor, and chief wherein the process improvement project was introduced and was made part of the enhanced ESR Manual of Procedures (MOP)

### Consultation on the Working Draft of Enhanced Event-based Surveillance and Response (ESR) Manual of Procedures (MOP)



- EB-ESRU conducted a series of preparatory meetings to review the working draft of the enhanced ESR MOP
- On February 4 - 8, 2019, the 1st set of preparatory meetings was initiated
- On February 18 - 22, 2019, the 2nd set of preparatory meetings was conducted with the ESR team, supervisor, and chief
- On March 19 - 22, 2019, the inputs and revisions from the meetings conducted were presented to the respective Regional Epidemiology and Surveillance Units (RESU) during the Consultative Meeting: Working Draft of the Enhanced ESR MOP held at Ciudad Christia Resort 9 Waves, San Mateo, Rizal
- A total of 29 representatives from the National and Subnational Epidemiology and Surveillance Units (ESU) participated in the activity
- In addition, Mr. Adam Crawley, Program Officer of Ending Pandemics, presented their global vision and projects related to detecting outbreaks and disease surveillance on the last day of activity

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