



## Event-based Surveillance and Response Quarter 1 Report, 2018 (January 1 - March 31, 2018)

### 2018 1<sup>st</sup> Quarter Summary of Captured Health Events

- Of the 1447 captured health events, 1301 (90%) were verified as true
- Region NCR had the most number (763, 53%) of captured health events followed by Region 4A (216, 15%)
- The most common reported health events were Vaccine Preventable Diseases (1074, 82.6%) followed by Food and Waterborne Diseases (68, 5.2%)
- Majority (880, 68%) of the status of health events were controlled

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>1447</b>		Verified by Central ESR	2	0.2%		<b>Status:</b>			
<b>Source:</b>				Verified by RESUs <sup>2</sup>	1296	99.6%		Closed	126	10%	
DOH	1442	99.7%		Verified by IHR <sup>3</sup> focal units	3	0.2%		Ongoing	295	23%	
Internet	2	0.1%		<b>Total</b>	<b>1301</b>	<b>100%</b>		Controlled	880	68%	
Others	3	0.2%		<b>Disease Classification of True HE<sup>1</sup>:</b>				<b>Total</b>	<b>1301</b>	<b>100%</b>	
<b>Total</b>	<b>1447</b>	<b>100%</b>		VPD <sup>5</sup>	1074	82.6%		<b>ASSESSMENT</b>			
<b>Regions with most no. of captured HE<sup>1</sup>:</b>				Food and Water-borne Dse.	68	5.2%		<b>Level of Concern:</b>			
NCR	763	53%		Zoonotic diseases	50	3.8%		PHELC <sup>7</sup>	1192	91.6%	
Region 4A	216	15%		Vector-borne Diseases	38	2.9%		PHERC <sup>8</sup>	99	7.6%	
Region 3	107	7%		Meningococcal Diseases	27	2.1%		PHENC <sup>9</sup>	10	0.8%	
<b>Means of Capture:</b>				Maternal Death	24	1.8%		PHEIC <sup>10</sup>	0	0.0%	
Active	3	0.2%		Others	8	0.6%		<b>Total</b>	<b>1301</b>	<b>100%</b>	
Passive	1444	99.8%		AIDS <sup>6</sup> -related	7	0.5%		<b>RESPONSE</b>			
<b>Total</b>	<b>1447</b>	<b>100%</b>		Chemical-related Diseases	4	0.3%		No. of HE <sup>1</sup> with local response	1191	91.5%	
<b>FILTER</b>		<b>No.</b>	<b>%</b>	EREID <sup>4</sup>	1	0.1%		No. investigated by FETP <sup>13</sup>	5	0.4%	
True health event	1301	90%		<b>Total</b>	<b>1301</b>	<b>100%</b>		Fellows			
Discarded	74	5%		<b>Top regions with verified HE<sup>1</sup>:</b>				<b>FEEDBACK MADE TO RO<sup>11</sup></b>			
FYI	72	5%		NCR	722	55%		This quarter	1447	100%	
<b>Total</b>	<b>1447</b>	<b>100%</b>		Region 4A	210	16%		YTD <sup>12</sup>	1447	100%	
				Region 3	87	7%					

### Regional Distribution of Captured Health Events

Region	No. of captured (1st QTR 2018)	VERIFIED AS TRUE HEALTH EVENTS				STATUS (1st QTR 2018)			ASSESSMENT (1st QTR 2018)				Total no. of Health Events responded locally (1st QTR 2018)	Total no. of HE with feedback to Regional Office (1st QTR 2018)
		1st QTR 2018	4th QTR 2017	1st QTR 2017	4th QTR 2016	Closed	Controlled	On-going	PHELC <sup>7</sup>	PHERC <sup>8</sup>	PHENC <sup>9</sup>	PHEIC <sup>10</sup>		
<b>Passive</b>														
Region 1	36	25	8	23	54	9	7	9	25	0	0	0	25	36
Region 2	12	11	8	17	7	3	0	8	11	0	0	0	11	12
Region 3	107	87	34	25	55	16	38	33	86	1	0	0	86	107
Region 4A	216	210	28	11	22	9	59	142	204	6	0	0	204	216
Region 4B	12	11	10	8	1	1	1	9	10	1	0	0	10	12
Region 5	40	39	21	35	31	6	23	10	37	1	1	0	37	40
Region 6	62	56	42	59	63	26	22	8	50	1	5	0	50	62
Region 7	15	9	13	64	94	4	3	2	9	0	0	0	9	15
Region 8	23	18	15	22	10	9	2	7	17	0	0	0	17	23
Region 9	16	11	11	35	15	4	1	6	11	0	0	0	11	16
Region 10	8	6	2	6	7	1	1	4	6	0	0	0	6	8
Region 11	15	11	9	3	2	1	0	10	11	0	0	0	11	15
Region 12	69	41	40	109	77	17	11	13	41	0	0	0	41	69
ARMM	10	9	1	2	0	1	3	5	9	0	0	0	9	10
CAR	10	6	1	12	16	1	1	4	6	0	0	0	6	10
CARAGA	28	24	23	29	33	5	10	9	23	1	0	0	23	28
NCR	763	722	89	84	79	13	110	599	633	88	2	0	633	763
IHR	3	3	7	8	11	0	3	0	0	0	3	0	0	3
<b>Sub-total</b>	<b>1445</b>	<b>1299</b>	<b>362</b>	<b>552</b>	<b>577</b>	<b>126</b>	<b>295</b>	<b>878</b>	<b>1189</b>	<b>99</b>	<b>11</b>	<b>0</b>	<b>1189</b>	<b>1445</b>
<b>Active</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>Total</b>	<b>1447</b>	<b>1301</b>	<b>362</b>	<b>554</b>	<b>584</b>	<b>126</b>	<b>295</b>	<b>880</b>	<b>1191</b>	<b>99</b>	<b>11</b>	<b>0</b>	<b>1191</b>	<b>1447</b>

**Legend:**

- |  |   |  |
|--|---|--|
| 1 Health Event                                 | 6 Acquired Immune Deficiency Syndrome               | 11 Regional Office                     |
| 2 Regional Epidemiology and Surveillance Unit  | 7 Public Health Event of Local Concern              | 12 Year to date                        |
| 3 International Health Regulations             | 8 Public Health Event of Regional Concern           | 13 Field Epidemiology Training Program |
| 4 Emerging and Re-emerging Infectious Diseases | 9 Public Health Event of National Concern           |  |
| 5 Vaccine Preventable Diseases                 | 10 Public Health Emergency of International Concern |  |

**Measles Outbreak in Davao City**

- ESR-EB reported the event on the last quarter of 2017
- On January 8-12, 2018, FETP fellows conducted an epidemiologic investigation
- A total of 654 Measles cases were reported, of which, 79 (12%) were confirmed
- Twenty-three (4%) deaths were reported
- Age range: < 1 month-77 years old (Median: 1 year)
- Most affected age group was one to four years old
- Majority (541, 83%) of cases did not receive Measles-containing vaccine



FETP Batch 28 epidemiologic investigation on Measles Outbreak in Davao City

**Measles Outbreak in Zamboanga Peninsula**

- ESR-EB reported the event last February 2018
- On February 14-17, 2018, FETP fellows conducted an epidemiologic investigation
- Affected areas were Zamboanga City (481 cases, 5 deaths), Isabela (74 cases, 2 deaths), and Alicia, Zamboanga Sibugay (70 cases, 1 death)
- Of 625 total cases, 75 (12%) were positive for Measles IgM



FETP Batch 28 and ESR Officer epidemiologic investigation on Measles Outbreak in Taguig City

**Measles Outbreak in Taguig City**

- ESR-EB reported the event last February 2018
- On March 2-2, 2018, FETP fellows conducted an epidemiologic investigation
- A total of 73 cases were reported, of which 15 (21%) were positive for Measles virus RNA and 20 (27%) were Epi-linked confirmed
- Three (4%) deaths were reported
- Age range: 2 months-24 years old (Median: 2 years)
- Brgy. Maharlika had the highest number of cases (42, 58%), of which 11 (26%) were laboratory confirmed
- As of March 8, 2018, a total of 715 (24%) children aged 6 months to 59 months were vaccinated at Brgy. Maharlika Village

**Measles Outbreak in Antique**

- ESR-EB reported the event last March 2018
- On March 2-6, 2018, FETP fellows conducted an epidemiologic investigation
- A total of 17 cases were reported of which, 6 (35%) were positive for Measles virus RNA
- No death was reported
- Age range: 7 months-42 years old (Median: 22 years)
- Most affected age group was 25-29 years
- Outbreak declaration was done in the municipalities of Culasi, San Jose, and Tibiao where there were confirmed cases
- Antique 2017 vaccine coverage: MCV 1 (62.69%); MCV 2 (57.39%); Fully Immunized Child (62.47%)



FETP Batch 28 and ESR Officer epidemiologic investigation on Measles Outbreak in Antique

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