**Event-based Surveillance and Response Quarter 2 Report, 2018**

(April 1 - June 30, 2018)

### 2018 2nd Quarter Summary of Captured Health Events

- Of the 913 captured health events, 758 (83%) were verified as true.
- Region NCR had the most number (292, 32%) of captured health events followed by Region 3 (99, 11%).
- Majority (394, 52%) of the status of health events were ongoing.

### CAPTURE

<table>
<thead>
<tr>
<th>Source:</th>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOH</td>
<td>906</td>
<td>99.2%</td>
</tr>
<tr>
<td>Internet</td>
<td>1</td>
<td>0.1%</td>
</tr>
<tr>
<td>Others</td>
<td>N/A</td>
<td>0.1%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>913</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### Regions with most no. of captured HE:

- NCR: 747 (72%)
- Region 3: 99 (11%)
- Region 4A: 91 (10%)

### Means of Capture:

- **No.** | **%** |
- Active | 1 | 0.1% |
- Passive | 912 | 99.9% |
| **Total** | **913** | **100%** |

### FILTER

<table>
<thead>
<tr>
<th>True health event</th>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCR</td>
<td>270</td>
<td>37%</td>
</tr>
<tr>
<td>Region 3</td>
<td>82</td>
<td>11%</td>
</tr>
<tr>
<td>Region 4A</td>
<td>70</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>322</strong></td>
<td><strong>46%</strong></td>
</tr>
</tbody>
</table>

### REGIONAL DISTRIBUTION OF CAPTURED HEALTH EVENTS

<table>
<thead>
<tr>
<th>Region</th>
<th>No. of captured (2nd QTR 2018)</th>
<th>VERIFIED AS TRUE HEALTH EVENTS</th>
<th>(2nd QTR 2018)</th>
<th>STATUS (2nd QTR 2018)</th>
<th>ASSESSMENT (2nd QTR 2018)</th>
<th>Total no. of HE with feedback to Regional Office (1st QTR 2018)</th>
<th>Total no. of HE with feedback to Regional Office (1st QTR 2018)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCR</td>
<td>292</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>292</td>
<td>292</td>
</tr>
<tr>
<td>Region 1</td>
<td>26</td>
<td>Closed: 13 (50%)</td>
<td>Closed: 13 (50%)</td>
<td>HPEC/1 (5%)</td>
<td>Closed: 13 (50%)</td>
<td>26</td>
<td>26</td>
</tr>
<tr>
<td>Region 2</td>
<td>30</td>
<td>Closed: 10 (33%)</td>
<td>Closed: 10 (33%)</td>
<td>HPEC/1 (3%)</td>
<td>Closed: 10 (33%)</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Region 3</td>
<td>90</td>
<td>Closed: 39 (49%)</td>
<td>Closed: 39 (49%)</td>
<td>HPEC/1 (5%)</td>
<td>Closed: 39 (49%)</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>Region 4A</td>
<td>12</td>
<td>Closed: 9 (75%)</td>
<td>Closed: 9 (75%)</td>
<td>HPEC/1 (25%)</td>
<td>Closed: 9 (75%)</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Region 7</td>
<td>22</td>
<td>Closed: 16 (73%)</td>
<td>Closed: 16 (73%)</td>
<td>HPEC/1 (27%)</td>
<td>Closed: 16 (73%)</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Region 8</td>
<td>22</td>
<td>Closed: 16 (72%)</td>
<td>Closed: 16 (72%)</td>
<td>HPEC/1 (28%)</td>
<td>Closed: 16 (72%)</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Region 9</td>
<td>20</td>
<td>Closed: 13 (65%)</td>
<td>Closed: 13 (65%)</td>
<td>HPEC/1 (35%)</td>
<td>Closed: 13 (65%)</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Region 10</td>
<td>10</td>
<td>Closed: 6 (60%)</td>
<td>Closed: 6 (60%)</td>
<td>HPEC/1 (40%)</td>
<td>Closed: 6 (60%)</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Region 11</td>
<td>12</td>
<td>Closed: 8 (67%)</td>
<td>Closed: 8 (67%)</td>
<td>HPEC/1 (33%)</td>
<td>Closed: 8 (67%)</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Region 12</td>
<td>20</td>
<td>Closed: 10 (50%)</td>
<td>Closed: 10 (50%)</td>
<td>HPEC/1 (50%)</td>
<td>Closed: 10 (50%)</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>ARMM</td>
<td>20</td>
<td>Closed: 10 (50%)</td>
<td>Closed: 10 (50%)</td>
<td>HPEC/1 (50%)</td>
<td>Closed: 10 (50%)</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>CARAGA</td>
<td>12</td>
<td>Closed: 7 (58%)</td>
<td>Closed: 7 (58%)</td>
<td>HPEC/1 (42%)</td>
<td>Closed: 7 (58%)</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>NCR</td>
<td>292</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>Closed: 34 (12%)</td>
<td>292</td>
<td>292</td>
</tr>
<tr>
<td>IHR</td>
<td>12</td>
<td>Closed: 10 (83%)</td>
<td>Closed: 10 (83%)</td>
<td>HPEC/1 (17%)</td>
<td>Closed: 10 (83%)</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td><strong>Sub-total</strong></td>
<td><strong>912</strong></td>
<td><strong>758</strong></td>
<td><strong>1447</strong></td>
<td><strong>582</strong></td>
<td><strong>554</strong></td>
<td><strong>153</strong></td>
<td><strong>211</strong></td>
</tr>
</tbody>
</table>

**Legend:**

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

Filarialysis Cases in Brgy. Gasi, Kiamba, Sarangani

- ESR-EB reported the event last May 23, 2018
- On May 29, 2018, FETP fellows with ESR Officer conducted an epidemiologic investigation
- A total of 474 individuals were included in the special community survey.
- 60 (13%) were positive on Nocturnal Blood Examination (NBE) or Filarialysis Test Strip (PTS)
- Of the 60 positive for NBE, 41 (68%) were interviewed
- Majority (26 or 63%) were males
- Age range: 17 - 65 years old (Median: 44 years)
- 7 Pueros have reported cases; Puero Maico has the highest attack rate of 3.5 per 100 population

Foodborne Cases in Clark, Pampanga

- ESR-EB reported the event last June 4, 2018.
- On June 4 - 8, 2018, FETP fellows with ESR and PIUSK Officers conducted an epidemiologic investigation
- A total of 245 suspect foodborne illnesses cases were reported, there were no deaths.
- Age range: 19 - 57 years old (Median: 4 years old)
- Majority (128 or 52%) of cases were 20 to 24 years old
- Majority (49 or 78%) of cases were females
- 140 rectal swabs were collected
- 5 (4%) tested positive for S. aureus, 4 (3%) A. caviae, 1 (0.7%) A. hydrophila, and 1 (0.7%) A. verani biovar soaria

Dengue Outbreak in Basco, Batanes

- ESR-EB reported the event last June 4, 2018.
- On June 18 - 22, 2018, FETP fellows conducted an epidemiologic investigation
- Majority of 208 cases were identified.
- Age range: 4 months - 52 years old (Median: 7 years old)
- Majority (121 or 61%) of cases were 1 to 10 years old
- Majority (103 or 52%) of cases were males
- 53 (27%) were positive for Dengue virus by NS1-Ag
- Manangay Kayalugan (2 cases per 1000 population) had the highest attack rate followed by Kaychanarian and Kayhuvonan (2 cases per 1000 population)

Increased Leptospirosis cases admitted at the National Kidney and Transplant Institute

- ESR-EB reported the event last June 27, 2018.
- On June 22 - 28, 2018, FETP fellows with ESR officer conducted an epidemiologic investigation
- A total of 132 cases were reported.
- Age range: 9 - 72 years old (Median: 31 years old)
- 113 (86%) of cases were from National Capital Region (NCR) followed by Region IV-A (9 or 7%), and Region III (2 or 2%)
- Out of 73 cases tested for Leptospira spp. RT-PCR, 9 (12%) were positive for Pathogenic Leptospora
- Out of 86 cases tested for Microscopic Agglutination Test (MAT) of Pathogenic Leptospiura spp., 16 (19%) cases were positive for L. biflexa serpentis Petac, 2 (2%) cases were positive for Multiple serovar infections, and 2 (2%) cases were not tested due to insufficient serum, and others with pending results.

Featured ESR activities for this quarter

Event-based Surveillance and Response (ESR) Program Implementation Review (PIR)

- EB conducted ESR Program Implementation and Review
  on May 22 - 25, 2018 at Fuego Point Resort, Mabini Batangas
- The objectives of the activity were:
  1. To identify issues, gaps and best practices of ESR and PIUSK at the national, regional, and local levels.
  2. To harmonize ESR and PIUSK database, systems processes and resources.
  3. To get consensus on mechanism and set performance indicators to gauge ESR accomplishments.
Event-based Surveillance and Response (ESR) Database Management Training
- EB conducted ESR Database Management Training on June 19 - 22, 2018 at Royce Hotel, Clark, Pampanga
The objectives of the activity were:
1. To capacitate ESR officers basic concepts on data management using MS Excel
2. To develop a database based on the variables identified in the ESR reporting forms
3. To prepare monthly, quarterly, and Manual ESR reports for dissemination to stakeholders.

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