



January 1 – July 1, 2017

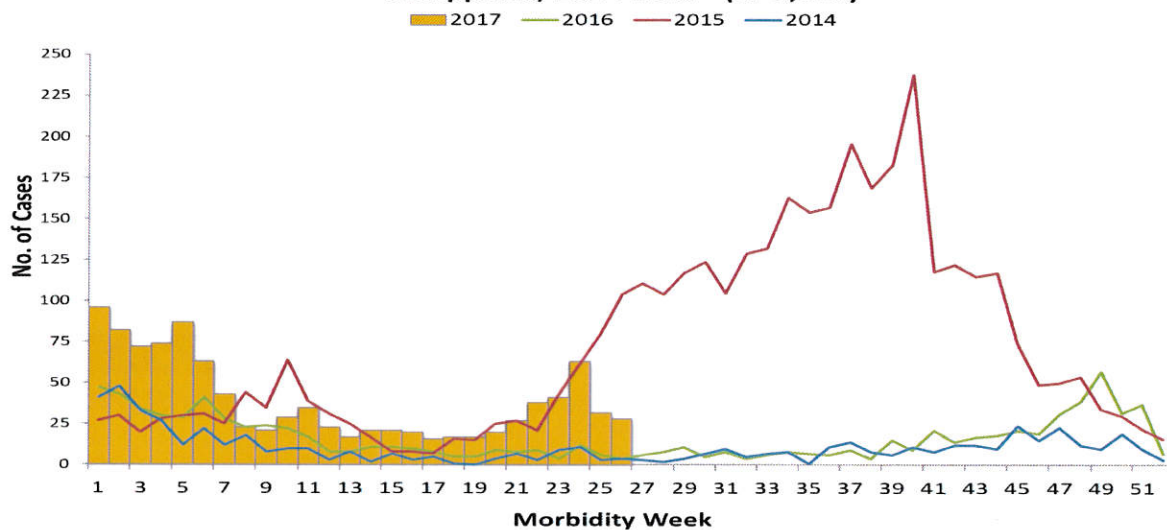
Epidemiology Bureau  
 Public Health Surveillance Division

### Trend in the Philippines

This report summarizes Hand, Foot and Mouth Disease (HFMD) surveillance activities nationwide. A total of **1,026** suspect and confirmed hand, foot and mouth disease cases were reported nationwide from January 1 to July 3, 2017. This is **123.53%** higher compared to the same time period last year (**459**). Most of the cases were from the following regions: **Region VI (23.59%), Region IV-A (14.81%), NCR (13.16%) Region X (7.60%), and Region VII (6.43%),**(Fig.2).

**Fig. 1 Suspect Hand, Foot and Mouth Disease Cases by Morbidity Week**

**Philippines, 2014-2017\* (N=1,026)**



**Table 1. Suspect Hand, Foot and Mouth Disease Cases & Deaths by Region Philippines, 2017\* vs 2016**

| Region       | Cases       |            |                 | Deaths   |             |          |             |
|--------------|-------------|------------|-----------------|----------|-------------|----------|-------------|
|              | 2017        | 2016       | % Change        | 2017     | CFR (%)     | 2016     | CFR (%)     |
| I            | 19          | 13         | ↓ 46.15         | 0        | 0.00        | 0        | 0.00        |
| II           | 45          | 10         | ↓ 350.00        | 0        | 0.00        | 0        | 0.00        |
| III          | 59          | 10         | ↓ 490.00        | 0        | 0.00        | 0        | 0.00        |
| IV-A         | 152         | 28         | ↓ 442.86        | 0        | 0.00        | 0        | 0.00        |
| IV-B         | 35          | 4          | ↓ 775.00        | 0        | 0.00        | 0        | 0.00        |
| V            | 3           | 0          | ↓ 0.00          | 0        | 0.00        | 0        | 0.00        |
| VI           | 242         | 178        | ↓ 35.96         | 0        | 0.00        | 0        | 0.00        |
| VII          | 66          | 44         | ↓ 50.00         | 1        | 1.52        | 0        | 0.00        |
| VIII         | 37          | 4          | ↓ 825.00        | 0        | 0.00        | 0        | 0.00        |
| IX           | 8           | 4          | ↓ 100.00        | 0        | 0.00        | 0        | 0.00        |
| X            | 78          | 35         | ↓ 122.86        | 0        | 0.00        | 0        | 0.00        |
| XI           | 16          | 8          | ↓ 100.00        | 0        | 0.00        | 0        | 0.00        |
| XII          | 26          | 33         | ↓ -21.21        | 0        | 0.00        | 0        | 0.00        |
| ARMM         | 2           | 1          | ↓ 100.00        | 0        | 0.00        | 0        | 0.00        |
| CAR          | 52          | 62         | ↓ -16.13        | 0        | 0.00        | 0        | 0.00        |
| CARAGA       | 51          | 1          | ↑ 5000.00       | 0        | 0.00        | 0        | 0.00        |
| NCR          | 135         | 25         | ↓ 440.00        | 0        | 0.00        | 1        | 4.00        |
| <b>Total</b> | <b>1026</b> | <b>460</b> | <b>↓ 123.04</b> | <b>1</b> | <b>0.10</b> | <b>1</b> | <b>0.22</b> |

\*NOTE: Case counts reported here do NOT represent the final number and are subject to change after inclusion of delayed reports and review of cases.



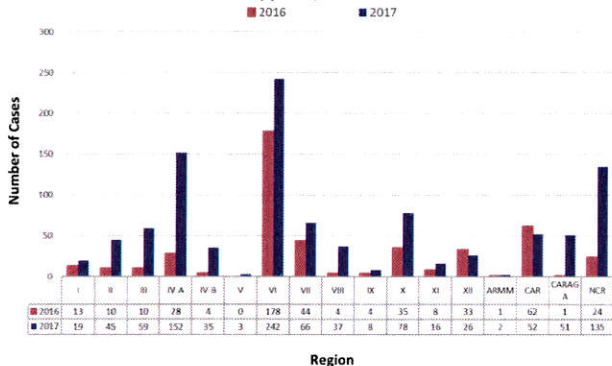
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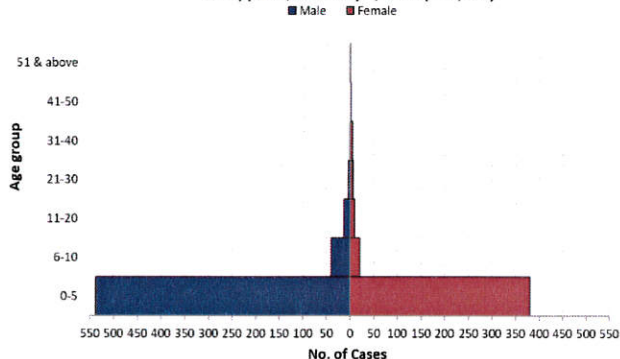
## Profile of Cases and HFMD Enterovirus Genus Distribution in the Philippines

Ages of cases ranged from less than 1 year old to 59 years old (median= 2 years). Majority of cases were males (58.9%). Most of the cases belonged to the 0 to 5 years age group (89.4%) (Fig. 3). There was one reported death of a suspect HFMD case from Region VII (CFR=0.13%). No specimen collection was done. Hand, foot, and mouth disease enterovirus genus data are based on the samples collected from the suspected HFMD cases in all regions of the Philippines from January 1- July 1, 2017. Out of 1,026 reported cases of HFMD, 127 (26.91%) cases were tested and of the tested cases, 83 (65.35%) cases were laboratory confirmed, and 44 (34.65%) cases were negative for enterovirus (Fig.4). Out of the confirmed HFMD cases, *Coxsackievirus A6*(CA6) (74.70%), *Enterovirus* (EV) (19.28%) and *Enterovirus 71* (EV71) (3.61%), *Coxsackievirus A16*(CA16) (1.20%), and a mixed infection of *Enterovirus* (EV) & *Coxsackievirus A16*(CA16) (1.20%) were detected (Fig 5).

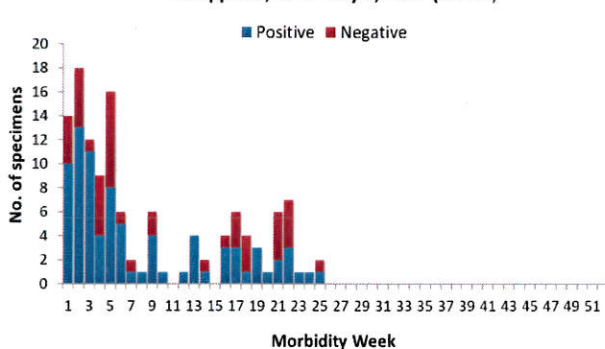
**Fig. 2 Suspect Hand, Foot and Mouth Disease Cases by Region Philippines, 2017\* vs 2016**



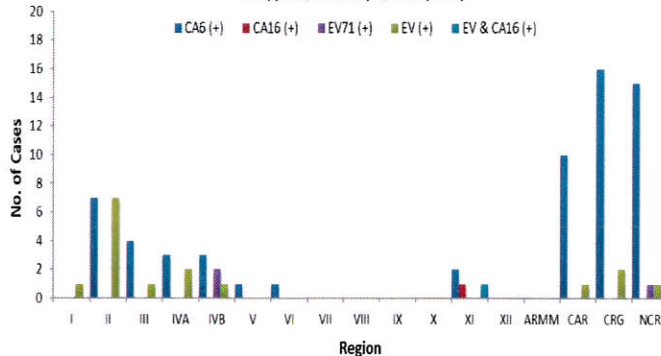
**Fig. 3 Suspect Hand, Foot and Mouth Disease by Age Group and Sex Philippines, as of July 1, 2017 (N=1,026)**



**Fig. 4 Number of Specimens Tested for HFMD Philippines, as of July 1, 2017 (n=127)**



**Fig. 5 Confirmed HFMD cases by Region and Enterovirus Genus Philippines, as of July 1, 2017 (n=83)**



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