



Hand, Foot and Mouth Disease Cases

Morbidity Week 33 : January-August 20, 2016

Epidemiology Bureau
Public Health Surveillance Division

Trend in the Philippines

This report summarizes PIDSR HFMD surveillance activities nationwide. A total of **492** suspect hand, foot and mouth disease cases were reported nationwide from January 1 to August 20, 2016. This is **70.78%** lower compared to the same time period last year (**1,684**).

Fig. 1 Suspect Hand, Foot and Mouth Disease Cases by Morbidity Week
Philippines, 2013-2016* (N=492)

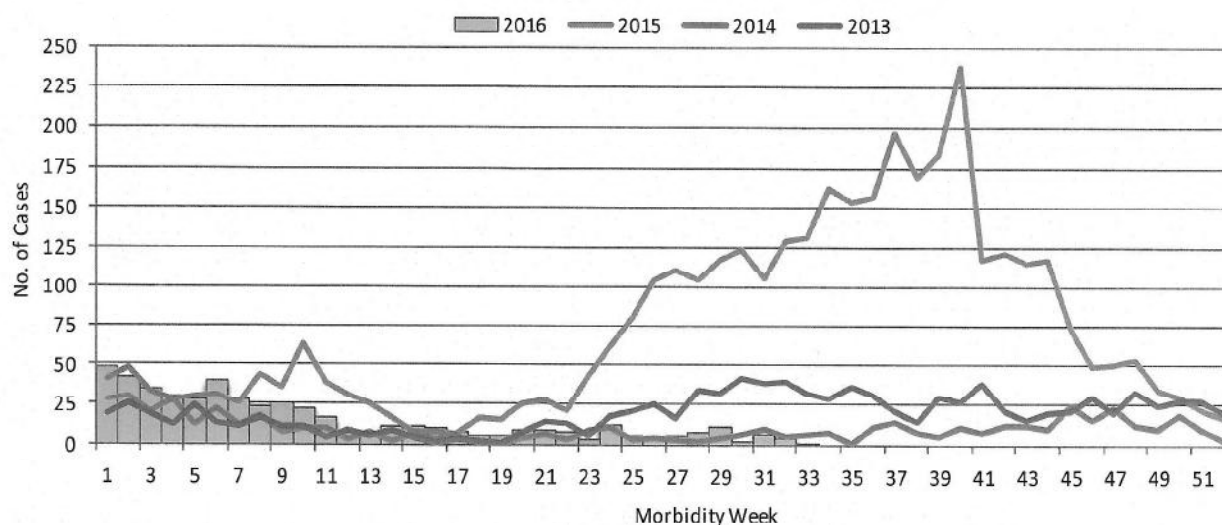
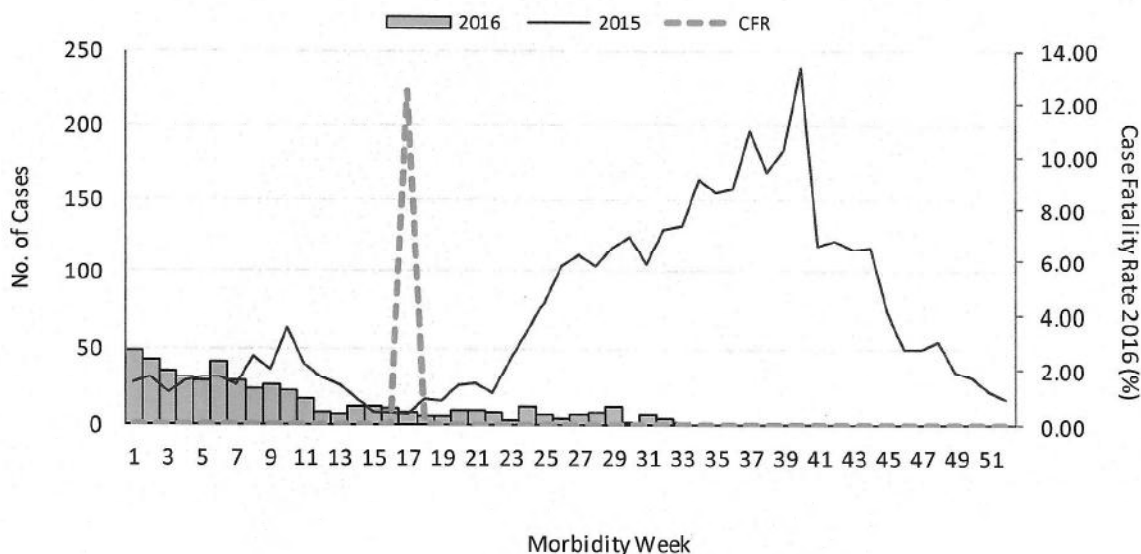


Fig. 2 Suspect Hand, Foot and Mouth Disease Cases by Morbidity Week,
Philippines, as of August 20, 2016
2016* vs 2015 (N=492)





Hand, Foot and Mouth Disease Cases

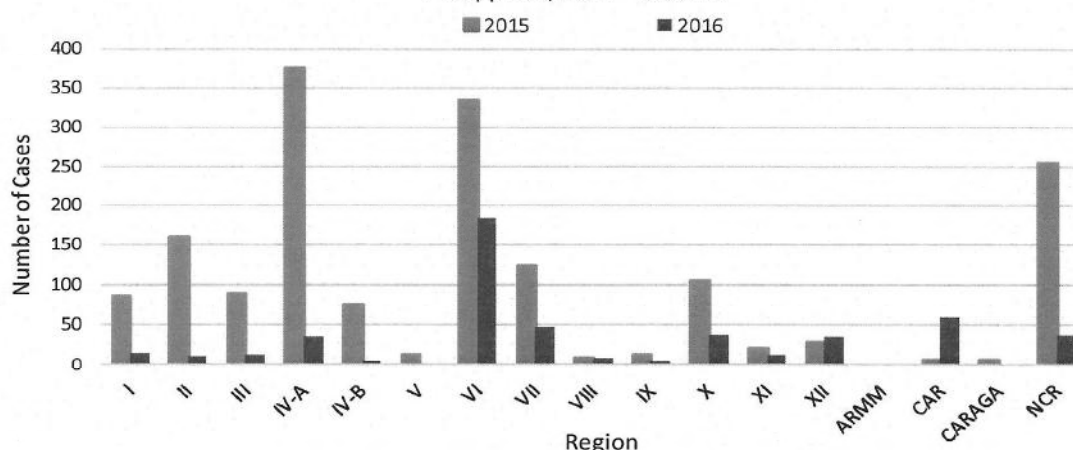
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Geographic Distribution

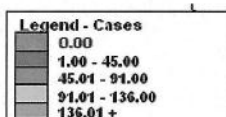
Most of the cases were from the following regions: **Region VI** (37 %), **CAR** (12%), **Region VII** (9.4%), **Region X** (7.5%) and **NCR** (7.3%) (Fig.3).

Fig. 3 Suspect Hand, Foot and Mouth Disease Cases by Region
Philippines, 2016* vs 2015



Suspect Hand, Foot and Mouth Disease Cases MW33

Region	Cases
I	13
II	9
III	12
IVA	34
IVB	4
V	0
VI	182
VII	46
VIII	8
IX	4
X	37
XI	11
XII	35
ARMM	1
CAR	59
CARAGA	1
NCR	36
PHILIPPINES	492





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Profile of Cases

Ages of cases ranged from less than 1 month to 54 years old (median= 2 years). Majority of cases were male (62.4%). Most of the cases belonged to the 1 to 4 years age group (71.3%) (Fig. 4). There was one reported death of a suspect HFMD case from NCR (CFR=0.20%). No specimen collection was done.

Fig. 4 Suspect Hand, Foot and Mouth Disease by Agegroup and Sex
Philippines, as of August 20, 2016 (N=492)

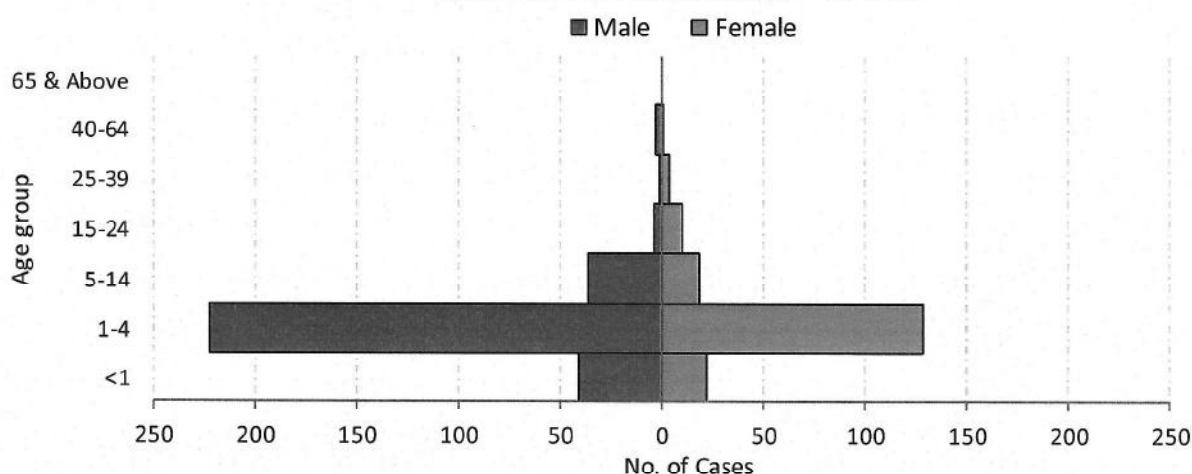
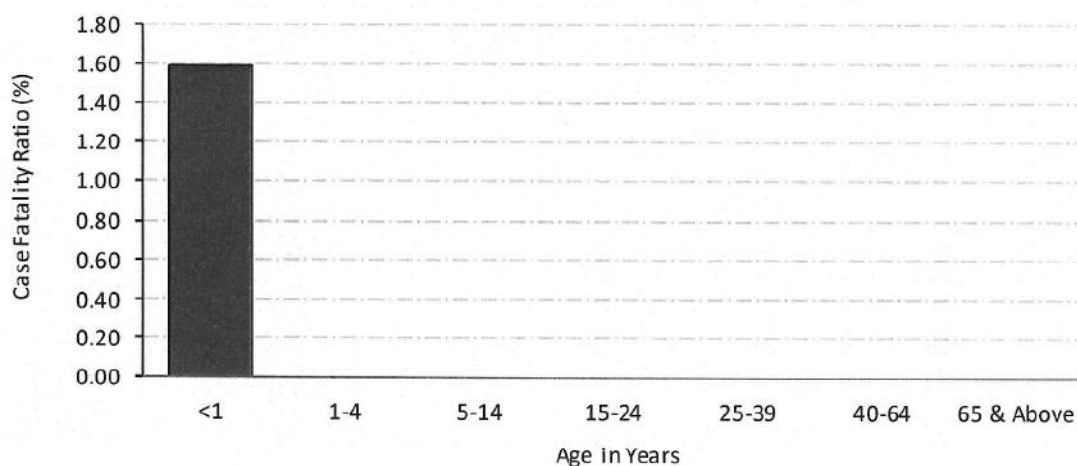


Fig. 5 Suspect Hand, Foot and Mouth Disease Case Fatality Rate (CFR) by Age Group,
Philippines, as of August 20, 2016



**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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HFMD Enterovirus Genus Distribution in the Philippines

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-August 20, 2016. Out of 492 reported cases of HFMD, 30 (6%) cases were tested and 462 (94%) cases were not. Of the tested cases, 16 (53%) cases were laboratory confirmed, and 14 (47%) cases were negative for enterovirus (Fig.6). Out of the confirmed HFMD cases, *Coxsackievirus A6*(CA6) (37.5%), *Coxsackievirus A16*(CA16) (37.5%), and *Enterovirus* (EV) (25%) were detected.

Fig.6 Number of Specimens Collected for HFMD
Philippines, as of August 20, 2016 (N=30)

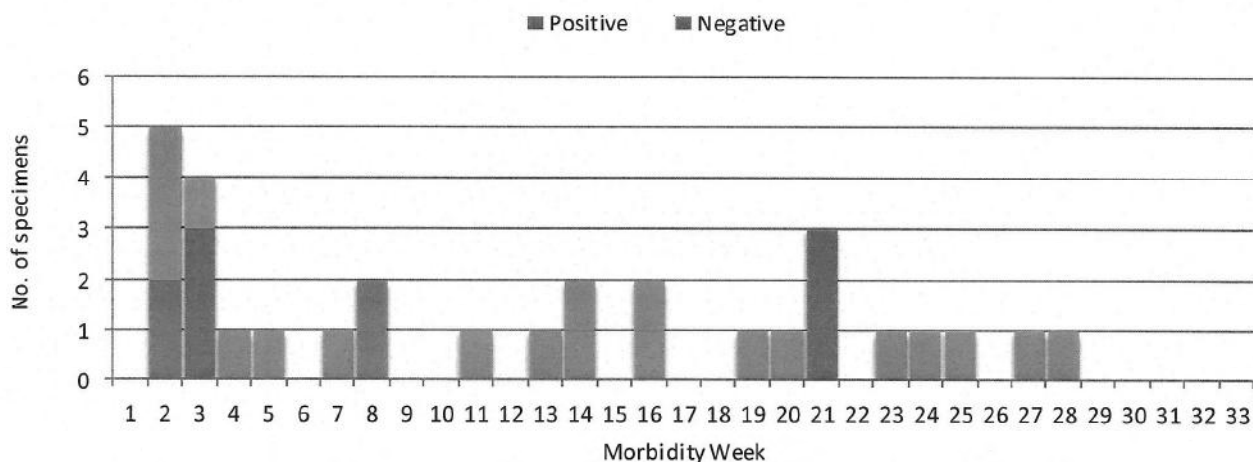
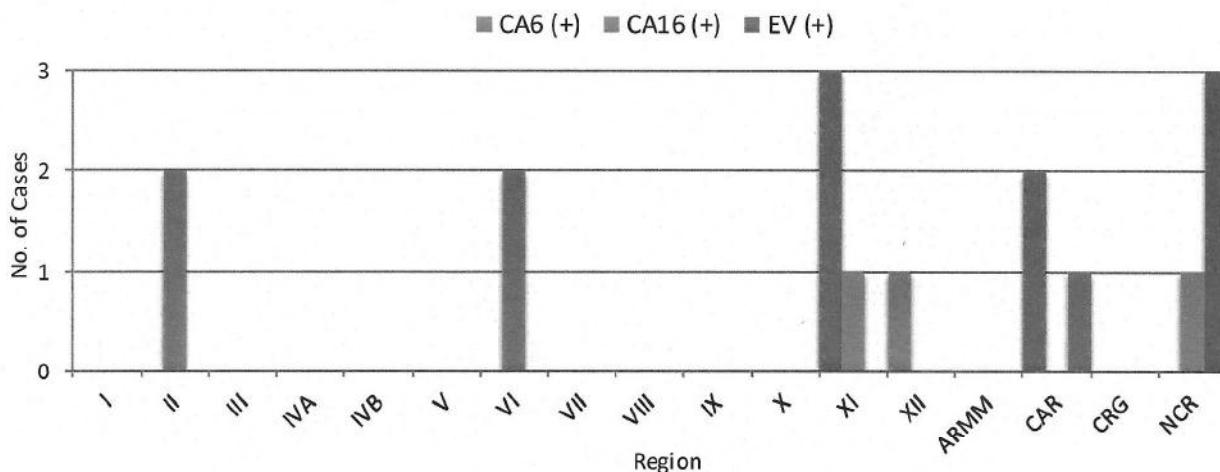


Fig. 7 Confirmed HFMD cases by Region and Enterovirus Genus
Philippines, as of August 20, 2016 (n=16)



*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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Table 1. Suspect Hand, Foot and Mouth Disease Cases & Deaths by Region
Philippines, 2016* vs 2015

Region	Cases			Deaths			
	2016	2015	% Change	2016	CFR (%)	2015	CFR (%)
I	13	85	-84.71	0	0.00	0	0.00
II	9	159	-94.34	0	0.00	0	0.00
III	12	89	-86.52	0	0.00	0	0.00
IV-A	34	374	-90.91	0	0.00	0	0.00
IV-B	4	74	-94.59	0	0.00	0	0.00
V	0	12	-100.00	0	0.00	0	0.00
VI	182	335	-45.67	0	0.00	0	0.00
VII	46	123	-62.60	0	0.00	0	0.00
VIII	8	7	14.29	0	0.00	0	0.00
IX	4	11	-63.64	0	0.00	0	0.00
X	37	104	-64.42	0	0.00	0	0.00
XI	11	19	-42.11	0	0.00	0	0.00
XII	35	27	29.63	0	0.00	0	0.00
ARMM	1	0	0.00	0	0.00	0	0.00
CAR	59	5	1080.00	0	0.00	0	0.00
CARAGA	1	5	-80.00	0	0.00	0	0.00
NCR	36	255	-85.88	1	2.78	1	0.39
Total	492	1684	-70.78	1	0.20	1	0.06

Table 2. Weekly Suspect Hand, Foot and Mouth Disease Summary Report by Region
Philippines, as of August 20, 2016

Region	Morbidity Week				33rd Morbidity Week		Cumulative Total 1st wk to 33rd wk	
	29	30	31	32	2016	2015	2016	2015
I	0	0	0	0	0	9	13	85
II	0	0	0	0	0	6	9	159
III	1	0	0	0	0	7	12	89
IV-A	3	1	0	2	0	30	34	374
IV-B	0	0	0	0	0	1	4	74
V	0	0	0	0	0	0	0	12
VI	3	0	1	1	1	50	182	335
VII	1	0	0	0	0	6	46	123
VIII	0	0	0	0	0	0	8	7
IX	0	0	0	0	0	0	4	11
X	0	0	2	0	0	0	37	104
XI	0	0	1	0	0	1	11	19
XII	1	0	0	0	0	0	35	27
ARMM	0	0	0	0	0	0	1	0
CAR	0	0	1	0	0	0	59	5
CARAGA	0	0	0	0	0	0	1	5
NCR	2	1	2	1	0	22	36	255
Total	11	2	7	4	1	132	492	1684




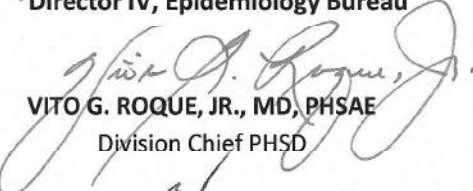
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