



Hand, Foot and Mouth Disease Cases

Morbidity Week 31 : January-August 6, 2016

Epidemiology Bureau
Public Health Surveillance Division

Trend in the Philippines

This report summarizes PIDSR HFMD surveillance activities nationwide. A total of **465** suspect hand, foot and mouth disease cases were reported nationwide from January 1 to August 6, 2016. This is **67.32%** lower compared to the same time period last year (**1,423**).

Fig. 1 Suspect Hand, Foot and Mouth Disease Cases by Morbidity Week
Philippines, 2013-2016* (N=465)

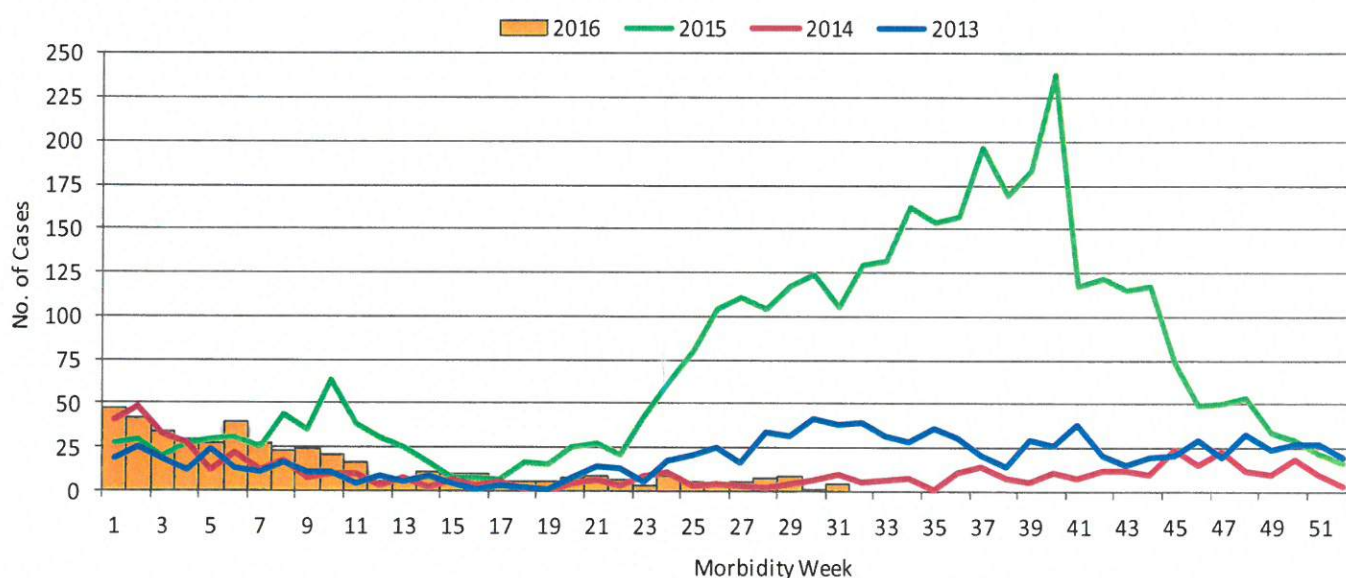
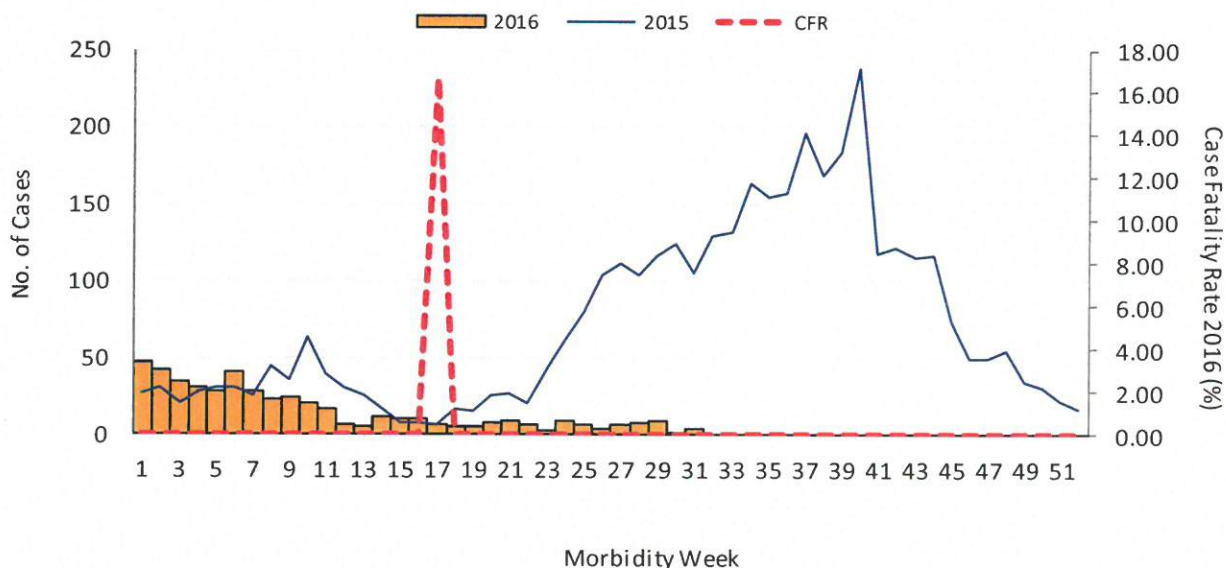


Fig. 2 Suspect Hand, Foot and Mouth Disease Cases by Morbidity Week,
Philippines, as of August 6, 2016
2016* vs 2015 (N=465)





Hand, Foot and Mouth Disease Cases

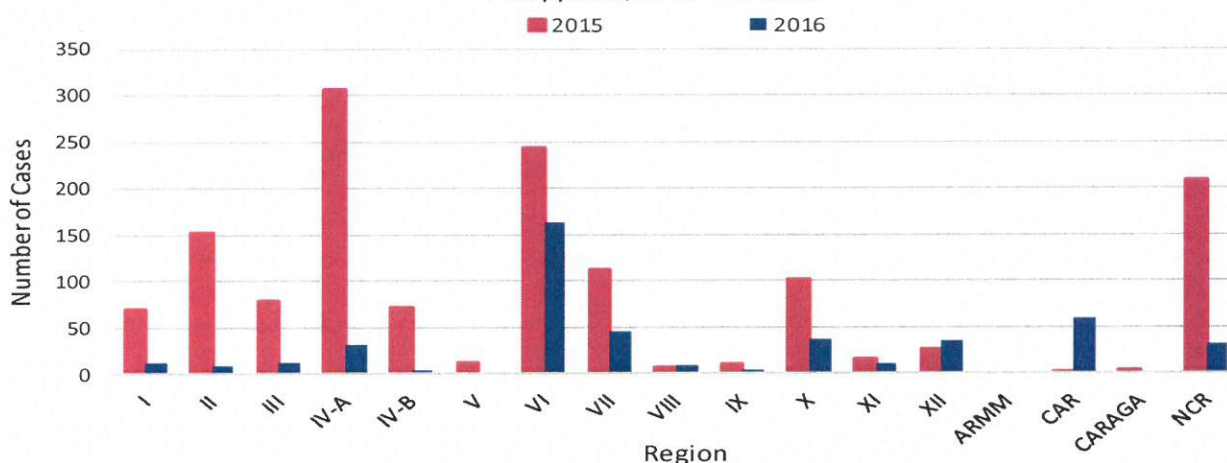
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Geographic Distribution

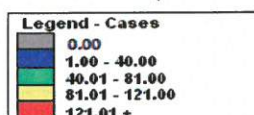
Most of the cases were from the following regions: **Region VI** (34.8 %), **CAR** (12.7%), **Region VII** (9.9%), **Region X** (8%) and **Region XII** (7.5%) (Fig.3).

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



Suspect Hand, Foot and Mouth Disease Cases MW31

Region	Cases
I	13
II	9
III	12
IVA	32
IVB	4
V	0
VI	162
VII	46
VIII	8
IX	4
X	37
XI	10
XII	35
ARMM	1
CAR	59
CARAGA	1
NCR	32
PHILIPPINES	465





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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 (61.9%). Most of the cases belonged to the 1 to 4 years age group (71.4%) (Fig. 4). There was one reported death of a suspect HFMD case from NCR (CFR=0.22%). No specimen collection was done.

Fig. 4 Suspect Hand, Foot and Mouth Disease by Agegroup and Sex
Philippines, as of August 6, 2016 (N=465)

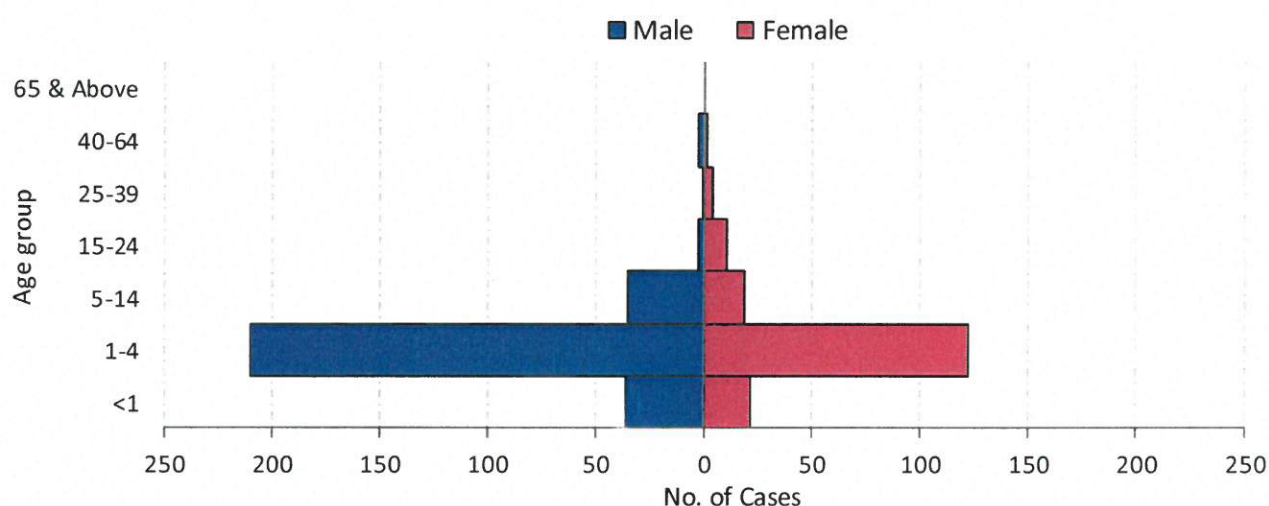
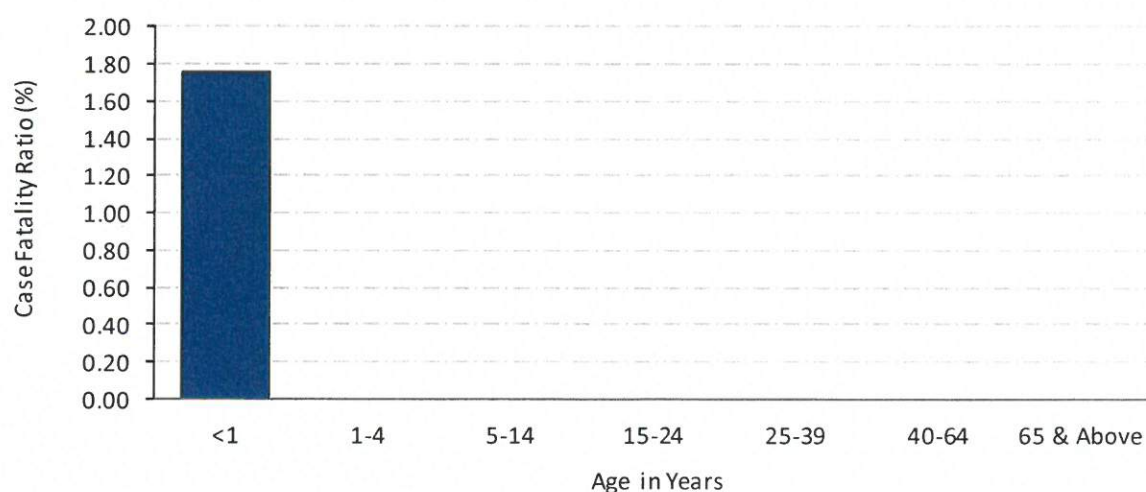


Fig. 5 Suspect Hand, Foot and Mouth Disease Case Fatality Rate (CFR) by Age Group,
Philippines, as of August 6, 2016



*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 6, 2016. Out of 465 reported cases of HFMD, 30 (6.5%) cases were tested and 435 (93.5%) cases were not. Of the tested cases, 16 (53%) cases were laboratory confirmed, and 14 (46.7%) 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 6, 2016 (N=30)

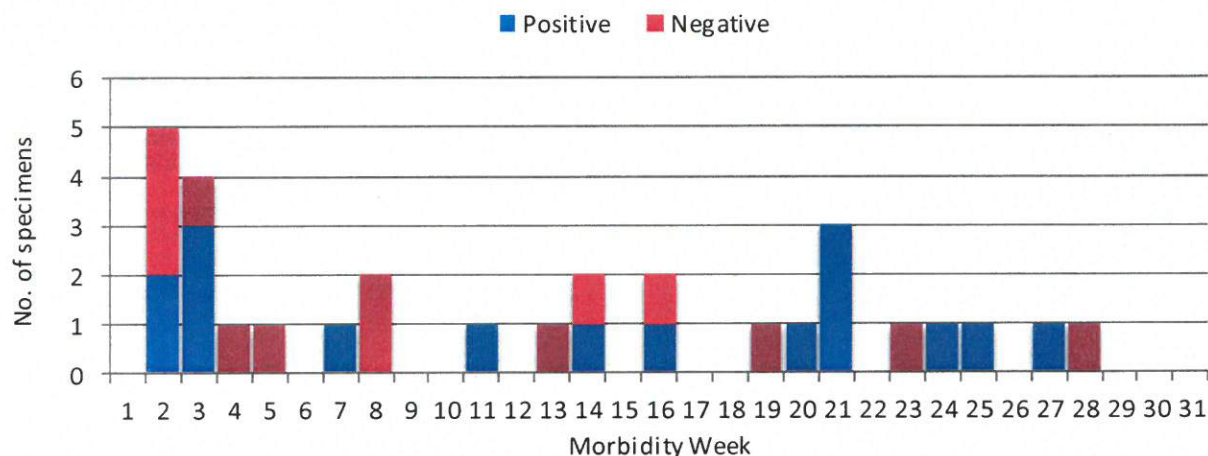
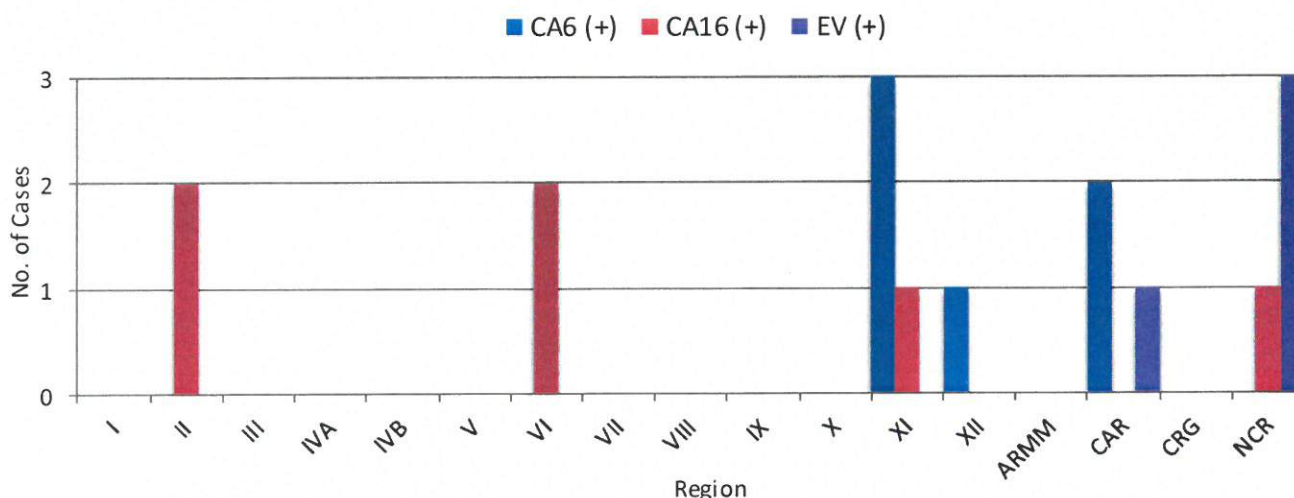


Fig. 7 Confirmed HFMD cases by Region and Enterovirus Genus
Philippines, as of August 6, 2016 (n=16)



*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	70	-81.43	0	0.00	0	0.00
II	9	153	-94.12	0	0.00	0	0.00
III	12	78	-84.62	0	0.00	0	0.00
IV-A	32	307	-89.58	0	0.00	0	0.00
IV-B	4	72	-94.44	0	0.00	0	0.00
V	0	12	-100.00	0	0.00	0	0.00
VI	162	243	-33.33	0	0.00	0	0.00
VII	46	112	-58.93	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	102	-63.73	0	0.00	0	0.00
XI	10	15	-33.33	0	0.00	0	0.00
XII	35	26	34.62	0	0.00	0	0.00
ARMM	1	0	0.00	0	0.00	0	0.00
CAR	59	2	2850.00	0	0.00	0	0.00
CARAGA	1	4	-75.00	0	0.00	0	0.00
NCR	32	209	-84.69	1	3.13	1	0.48
Total	465	1423	-67.32	1	0.22	1	0.07

Table 2. Weekly Suspect Hand, Foot and Mouth Disease Summary Report by Region

Philippines, as of August 6, 2016

Region	Morbidity Week				31st Morbidity Week		Cumulative Total 1st wk to 31st wk	
	27	28	29	30	2016	2015	2016	2015
I	0	0	0	0	0	5	13	70
II	0	0	0	0	0	1	9	153
III	0	1	1	0	0	6	12	78
IV-A	2	2	3	1	0	30	32	307
IV-B	0	0	0	0	0	3	4	72
V	0	0	0	0	0	1	0	12
VI	0	0	2	0	0	35	162	243
VII	1	1	1	0	0	6	46	112
VIII	0	0	0	0	0	0	8	7
IX	0	0	0	0	0	0	4	11
X	1	1	0	0	2	0	37	102
XI	1	1	0	0	0	0	10	15
XII	0	1	1	0	0	0	35	26
ARMM	0	0	0	0	0	0	1	0
CAR	0	0	0	0	1	0	59	2
CARAGA	0	0	0	0	0	0	1	4
NCR	1	1	1	0	1	18	32	209
Total	6	8	9	1	4	105	465	1423



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