



### Introduction

Dengue fever and the more severe form, dengue hemorrhagic fever, are caused by any of the four serotypes of dengue virus (types 1, 2, 3 and 4). An infected day-biting female Aedes mosquito transmits the viral disease to humans.

In the Philippines, Aedes aegypti and Aedes albopictus are the primary and secondary mosquito vectors, respectively. The mosquito vectors breed in the small amount of water collected in such as storages such as tanks, cisterns, flower vases, plant axils and backyard litter.

The incubation period is from 3 to 14 days, commonly 4-7 days.

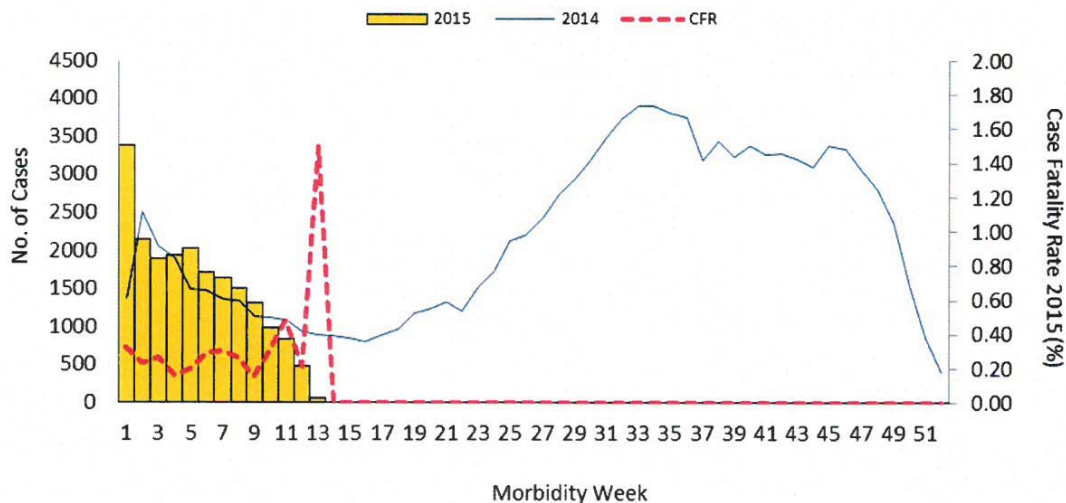
### Trend in the Philippines

A total of **19,946** suspect dengue cases was reported nationwide from January 1 to April 4, 2015. This is **6.49%** higher compared to the same time period last year (**18,730**).

### Geographic Distribution

Most of the cases were from the following regions: **Region IV-A** (18.4%), **Region III** (13.7%), **NCR** (13.2%), **Region X** (11.2%) and **Region VII** (6.6%).

Fig. 1 Suspect Dengue Cases by Morbidity Week,  
Philippines, as of April 4, 2015  
2015\* vs 2014 (N=19,946)



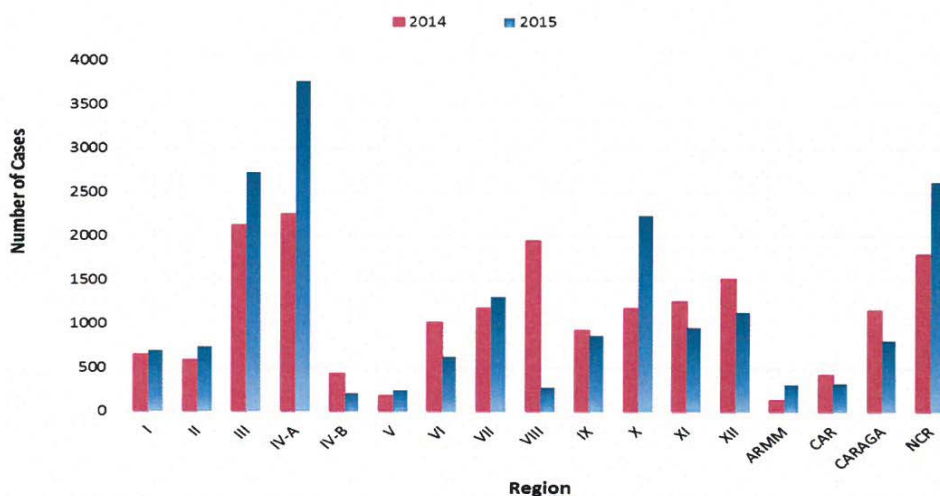
\*NOTE: Case counts reported here do NOT represent the final number and are subject to change after inclusion of delayed reports and review of cases.



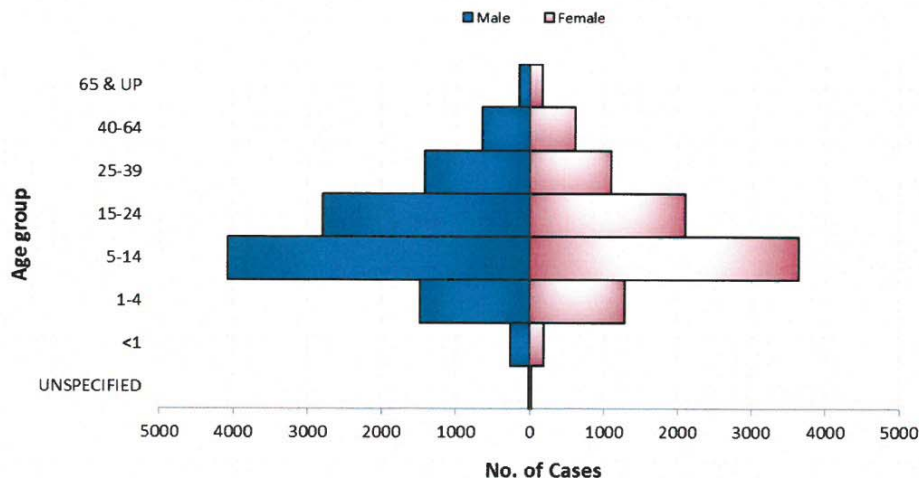
### Profile of Cases

Ages of cases ranged from less than 1 month to 97 years old (median = 13 years). Majority of cases were male (54.5%). Most (38.7%) of the cases belonged to the 5 to 14 years age group (Fig. 3). There were 53 deaths (CFR = 0.27%).

**Fig. 2 Suspect Dengue Cases by Region  
Philippines, 2015 vs 2014**

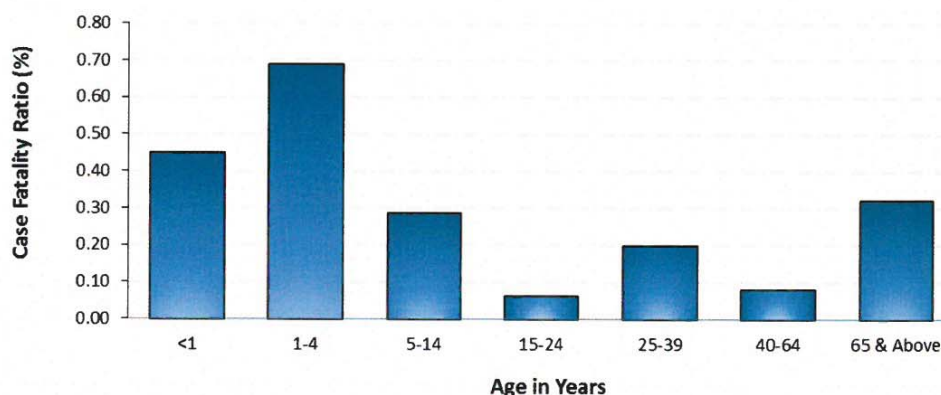


**Fig.3 Suspect Dengue Cases by Agegroup and Sex  
Philippines, as of April 4, 2015 (N=19,946)**





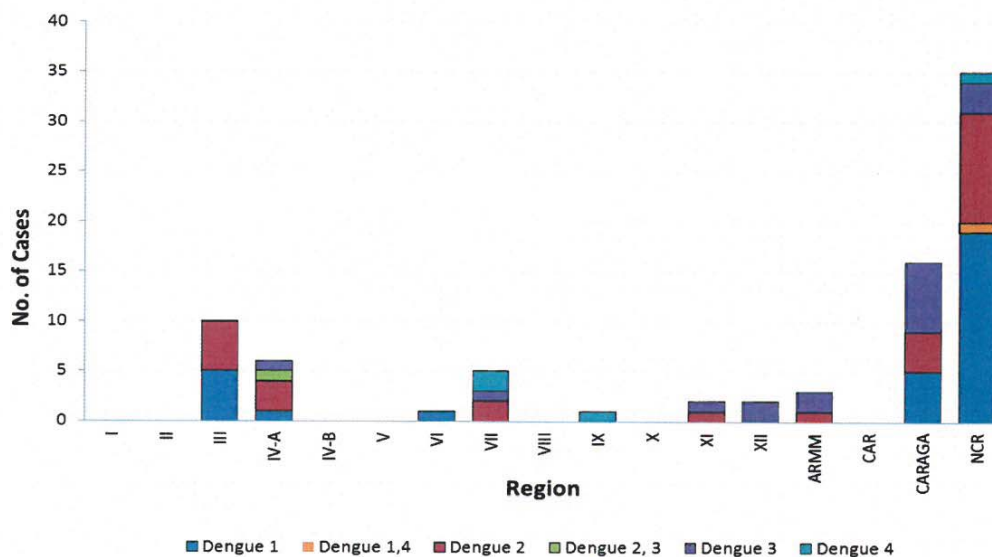
**Fig. 4 Suspect Dengue Case Fatality Rate (CFR) by Age Group, Philippines, as of April 4, 2015**



## Dengue Virus Serotype Distribution in the Philippines

Based from the Sentinel Based Active Dengue Surveillance, there were 81 laboratory confirmed dengue cases in the Philippines, in which all four DENV serotypes were present from January to April. The predominant serotype during the first four months of 2015 is DENV-1 followed by DENV-2, mostly occurring in the NCR region.

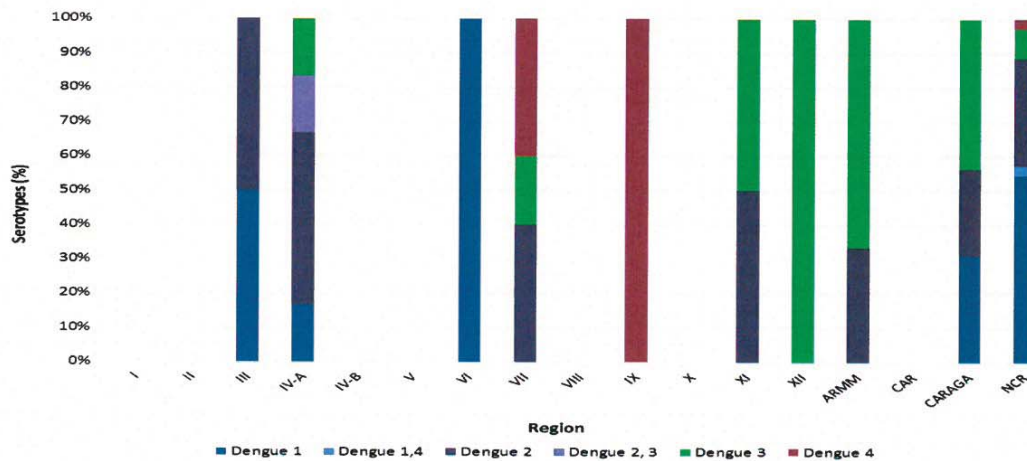
**Fig. 5 Confirmed Dengue Cases by Region and Serotype Philippines, as of April 4, 2015 (n=81)**







**Fig. 6 Dengue virus serotype distribution in the Philippines, as of April 4, 2015 (n=81)**



**Table 1. Dengue Cases & Deaths by Region**  
Philippines, 2015\* vs 2014

Region	Cases			Deaths			
	2015	2014	% Change	2015	CFR (%)	2014	CFR (%)
I	702	644	↑ 9.0	2	0.28	0	0.00
II	744	585	↑ 27.2	1	0.13	3	0.51
III	2732	2120	↑ 28.9	1	0.04	2	0.09
IV-A	3778	2246	↑ 68.2	6	0.16	7	0.31
IV-B	208	427	↓ -51.3	0	0.00	4	0.94
V	247	180	↑ 37.2	0	0.00	1	0.56
VI	627	1020	↓ -38.5	1	0.16	4	0.39
VII	1317	1176	↑ 12.0	7	0.53	6	0.51
VIII	277	1948	↓ -85.8	3	1.08	5	0.26
IX	876	924	↓ -5.2	3	0.34	5	0.54
X	2241	1179	↑ 90.1	5	0.22	9	0.76
XI	968	1253	↓ -22.7	3	0.31	8	0.64
XII	1142	1514	↓ -24.6	4	0.35	17	1.12
ARMM	312	138	↑ 126.1	3	0.96	0	0.00
CAR	327	426	↓ -23.2	1	0.31	1	0.23
CARAGA	820	1160	↓ -29.3	3	0.37	9	0.78
NCR	2628	1790	↑ 46.8	10	0.38	4	0.22
Total	19946	18730	↑ 6.49	53	0.27	85	0.45



Morbidity Week 13 – March 22 – April 4, 2015

Epidemiology Bureau  
Public Health Surveillance Division


**Table 2. Weekly Dengue Summary Report by Region**  
Philippines, as of April 4, 2015

Region	Morbidity Week				13th Morbidity Week		Cumulative Total 1st wk to 13th wk	
	9	10	11	12	2015	2014	2015	2014
I	40	15	12	2	0	26	702	644
II	43	23	16	4	0	18	744	585
III	214	135	127	77	6	44	2732	2120
IV-A	270	183	182	97	24	83	3778	2246
IV-B	16	12	5	0	1	8	208	427
V	9	12	10	8	3	9	247	180
VI	59	38	20	11	0	56	627	1020
VII	86	70	37	18	0	33	1317	1176
VIII	18	22	13	5	0	105	277	1948
IX	42	27	32	20	0	58	876	924
X	177	136	115	101	24	106	2241	1179
XI	48	52	43	19	3	61	968	1253
XII	104	96	90	33	0	114	1142	1514
ARMM	25	22	27	17	0	8	312	138
CAR	15	14	13	8	2	20	327	426
CARAGA	45	35	26	10	1	85	820	1160
NCR	99	90	67	50	3	63	2628	1790
Total	1310	982	835	480	67	897	19946	18730


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