



Morbidity Week 33 : January 1 – August 20, 2016 Epidemiology Bureau
Public Health Surveillance Division

Trend in the Philippines

A total of **101,401** suspect dengue cases were reported nationwide from January 1 to August 20, 2016. This is **16%** higher compared to the same time period last year (**87,411**).

Fig. 1 Suspect Dengue Cases by Morbidity Week Philippines, as of August 20, 2016 (N=101,401)

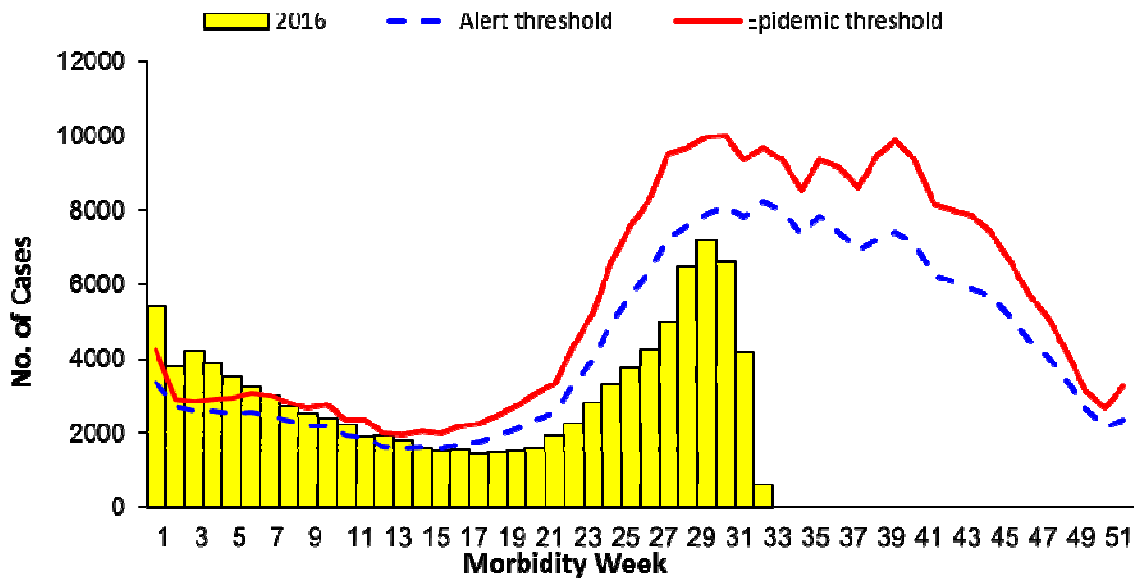
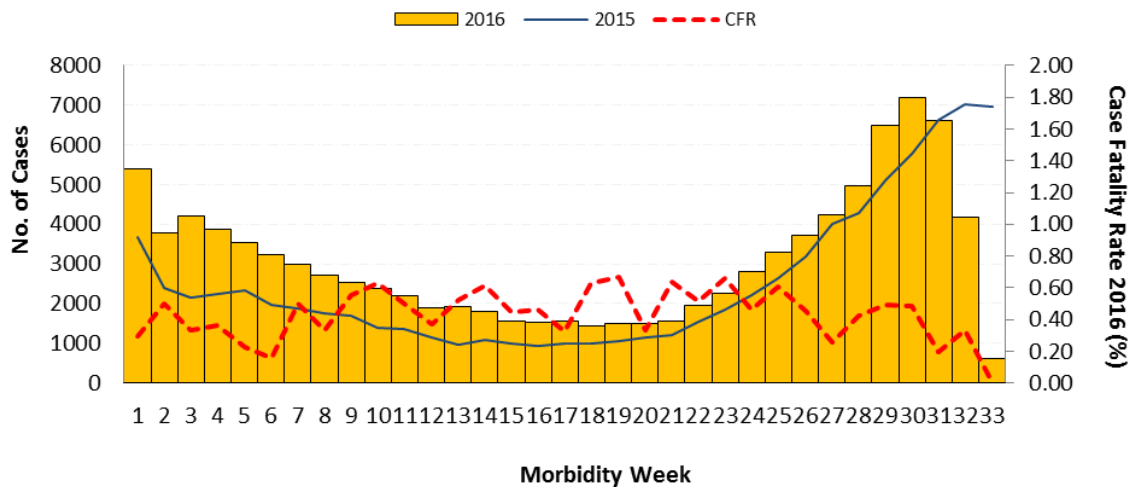


Fig. 2 Suspect Dengue Cases by Morbidity Week, Philippines, as of August 20, 2016 2016* vs 2015 (N=101,401)



**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.*

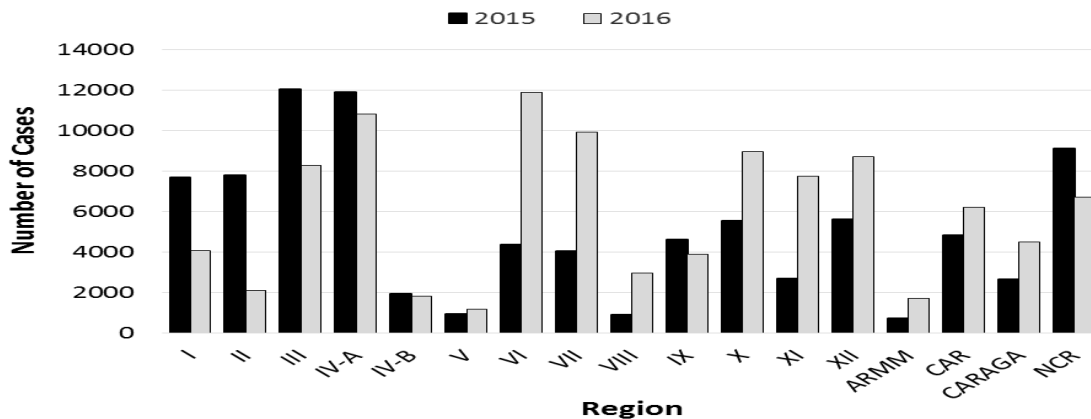


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Geographic Distribution

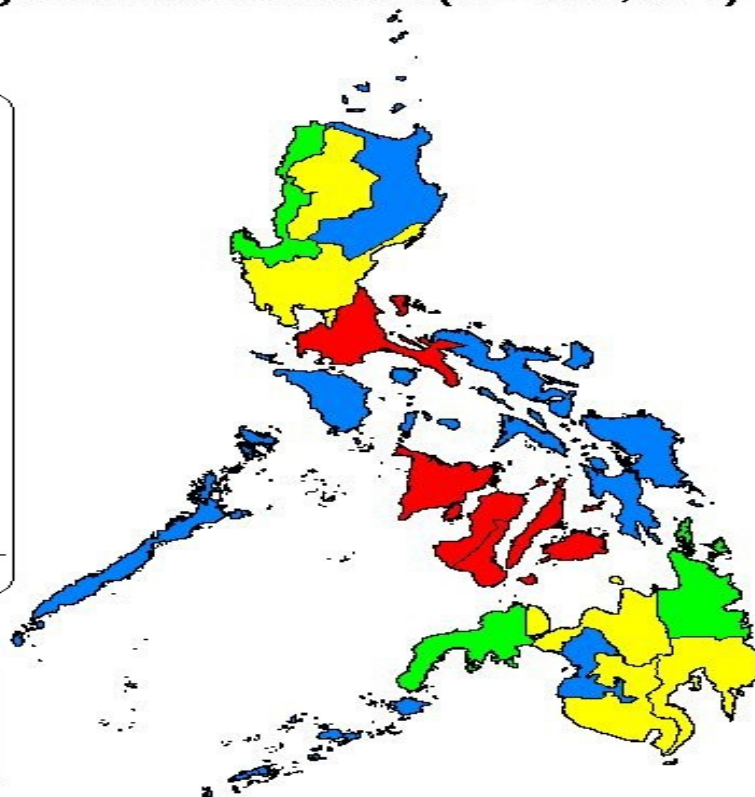
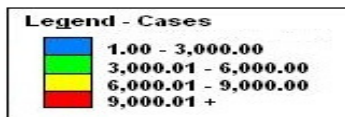
Most of the cases were from the following regions: **Region VI (11.1%), Region IV-A (10.7%), Region VII (9.8%), Region X (8.8%) and Region XII (8.6%).**

Fig. 3 Suspect Dengue Cases by Region Philippines, 2016 vs 2015 (N=101,401)



Suspect Dengue Cases MW33 (N=101,401)

Region	Cases
I	4078
II	2101
III	8277
IVA	10829
IVB	1805
V	1151
VI	11894
VII	9911
VIII	2962
IX	3881
X	8948
XI	7751
XII	8715
ARMM	1713
CAR	6188
CARAGA	4477
NCR	6720
PHILIPPINES	101401



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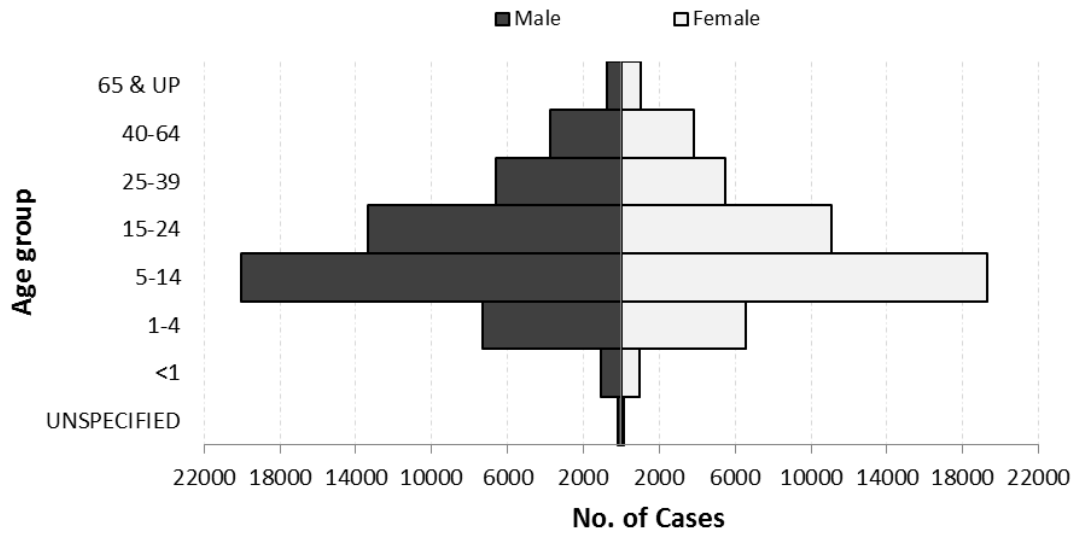


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Profile of Cases

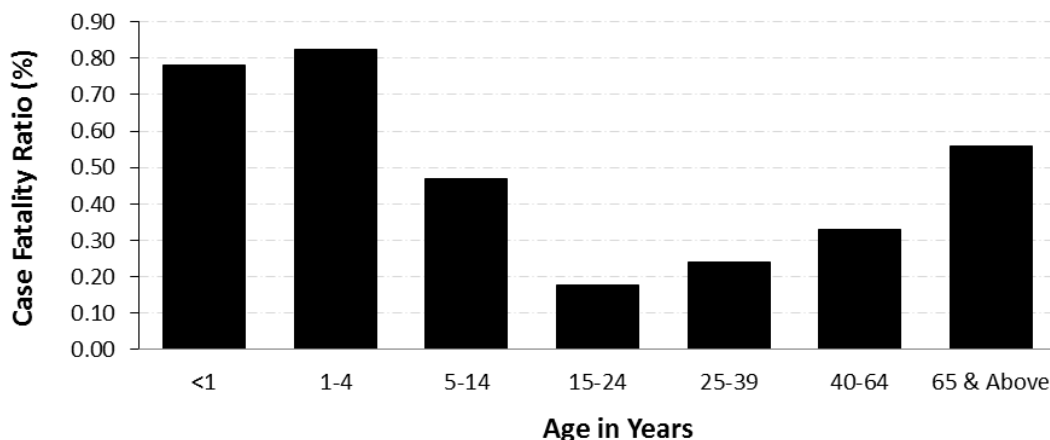
Ages of cases ranged from less than 1 month to 100 years old (median = 13 years). Majority of cases were male (52.4%). Most (38.8%) of the cases belonged to the 5 to 14 years age group.

Fig.4 Suspect Dengue Cases by Age Group and Sex Philippines, as of August 20, 2016 (N= 101,401)



There were 422 deaths (CFR = 0.42%). The age group that has the highest CFR is 1 to 4 years old (0.82%).

Fig. 5 Suspect Dengue Case Fatality Rate (CFR) by Age Group, Philippines, as of August 20, 2016 (n=422)



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Dengue Virus Serotype Distribution in the Philippines

There were **660** laboratory confirmed dengue cases in the Philippines, in which all four DENV serotypes were present. The predominant serotype is **DENV-1** (65.9%) followed by **DENV-2** (18.3%). Most of the confirmed cases were from **Region IX** (41.1%).

Fig. 6 Dengue Virus Serotype by Region Philippines, as of August 20, 2016 (n=660)

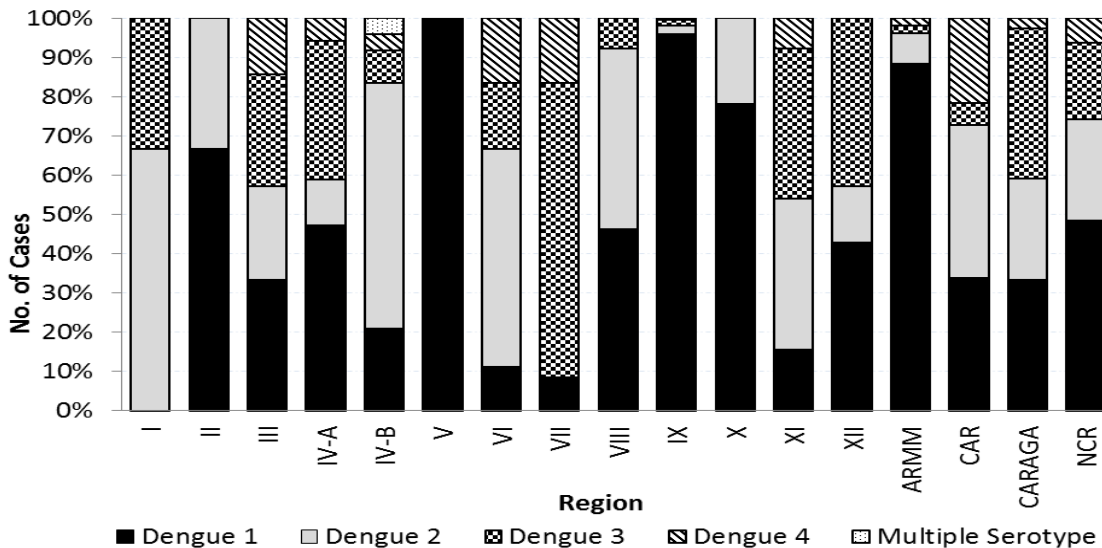
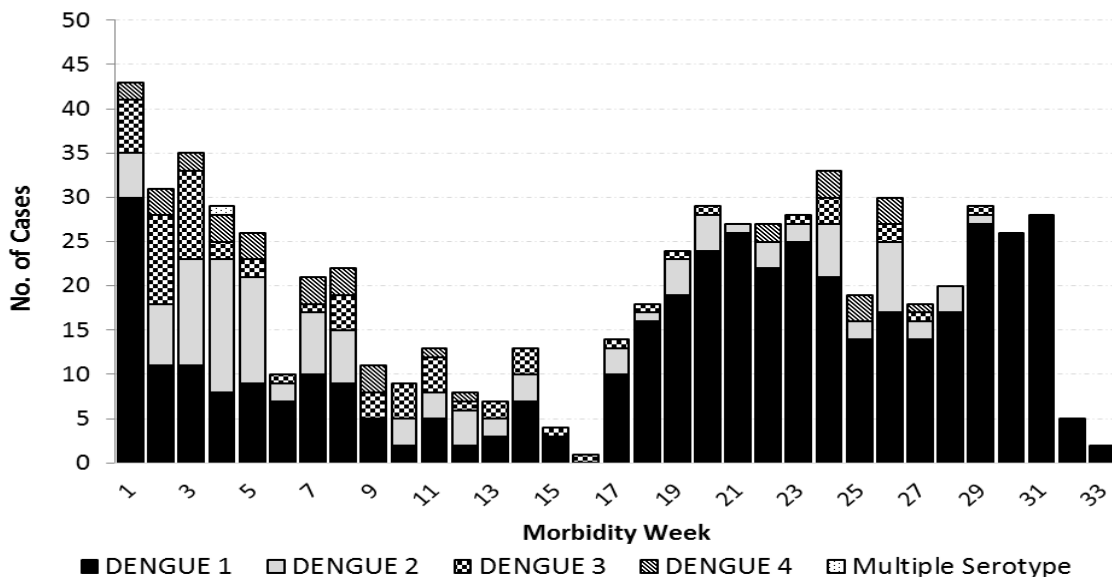


Fig. 7 Dengue Virus Serotype by Morbidity Week Philippines, as of August 20, 2016 (n=660)



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Table 1. Dengue Cases & Deaths by Region
 Philippines, 2016* vs 2015

Region	Cases			Deaths			
	2016	2015	% Change	2016	CFR (%)	2015	CFR (%)
I	4078	7702	-47.1	7	0.17	24	0.31
II	2101	7799	-73.1	4	0.19	11	0.14
III	8277	12035	-31.2	13	0.16	9	0.07
IV-A	10829	11893	-8.9	34	0.31	48	0.40
IV-B	1805	1933	-6.6	10	0.55	6	0.31
V	1151	952	20.9	6	0.52	3	0.32
VI	11894	4360	172.8	32	0.27	11	0.25
VII	9911	4042	145.2	78	0.79	19	0.47
VIII	2962	916	223.4	16	0.54	4	0.44
IX	3881	4625	-16.1	20	0.52	14	0.30
X	8948	5550	61.2	26	0.29	27	0.49
XI	7751	2670	190.3	59	0.76	10	0.37
XII	8715	5599	55.7	36	0.41	16	0.29
ARMM	1713	720	137.9	26	1.52	8	1.11
CAR	6188	4837	27.9	16	0.26	4	0.08
CARAGA	4477	2664	68.1	17	0.38	14	0.53
NCR	6720	9114	-26.3	22	0.33	44	0.48
Total	101401	87411	16.0	422	0.42	272	0.31

Table 2. Weekly Dengue Summary Report by Region
 Philippines, as of August 20, 2016

Region	Morbidity Week				33rd Morbidity Week		Cumulative Total	
	29	30	31	32	2016	2015	2016	2015
I	297	405	367	235	30	967	4078	7702
II	123	81	53	48	2	859	2101	7799
III	416	511	496	281	14	1355	8277	12035
IV-A	435	516	647	529	140	923	10829	11893
IV-B	116	109	126	94	30	191	1805	1933
V	57	54	71	64	11	90	1151	952
VI	1218	1464	1527	768	25	375	11894	4360
VII	558	730	710	589	119	299	9911	4042
VIII	179	91	65	55	16	44	2962	916
IX	177	118	117	154	4	163	3881	4625
X	535	674	590	381	82	227	8948	5550
XI	500	608	577	392	34	103	7751	2670
XII	734	540	189	56	11	236	8715	5599
ARMM	115	121	68	20	1	19	1713	720
CAR	541	674	396	175	11	462	6188	4837
CARAGA	113	83	92	42	1	117	4477	2664
NCR	367	412	512	290	77	827	6720	9114
Total	6481	7191	6603	4173	608	7257	101401	87411

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