



January 1, 2017-November 4, 2017

Epidemiology Bureau
 Public Health Surveillance Division

Trend in the Philippines

A total of **2,105** leptospirosis cases were reported nationwide from January 1 to November 4, 2017. This is **43.8 %** higher compared to the same time period last year (**1,464**).

Fig. 1 Reported Leptospirosis Cases by Morbidity Week
 Philippines, as of January 1, 2017-November 4, 2017* (N=2,105)

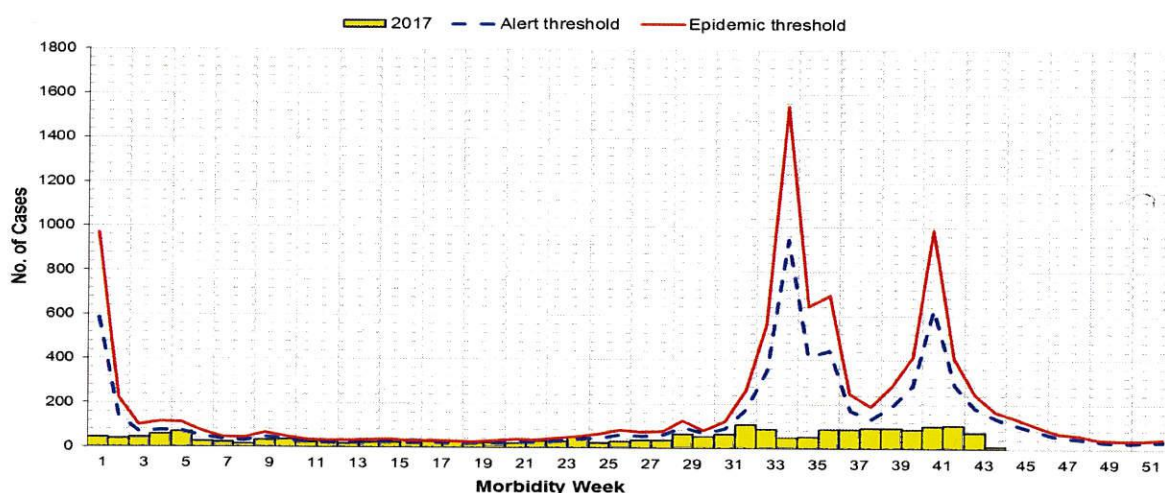
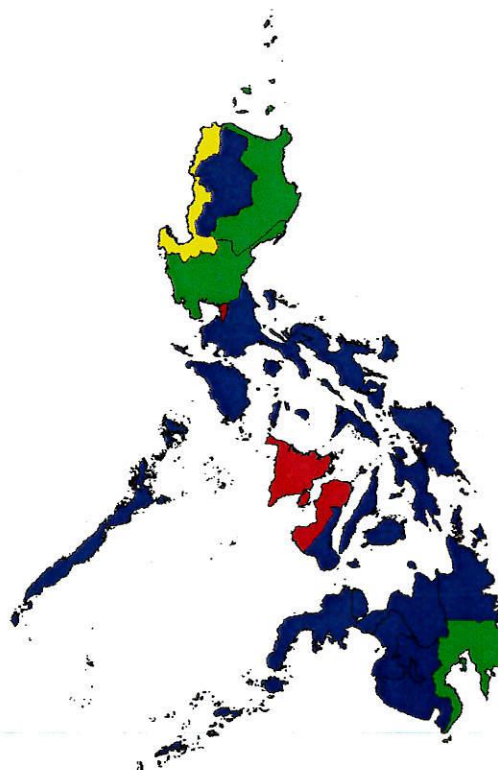


Fig. 2 Reported Leptospirosis Cases by Region,
 Philippines, as of January 1, 2017-November 4, 2017* (N=2,105)

Region	Cases
I	261
II	135
III	188
IV-A	75
IV-B	10
V	64
VI	405
VII	84
VIII	87
IX	30
X	76
XI	141
XII	6
ARMM	4
CAR	57
CARAGA	41
NCR	441
PHILIPPINES	2,105

Legend - Cases	
No Reported Cases	
0.00 - 100.25	
100.26 - 200.50	
200.51 - 331.75	
331.76 +	



*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.

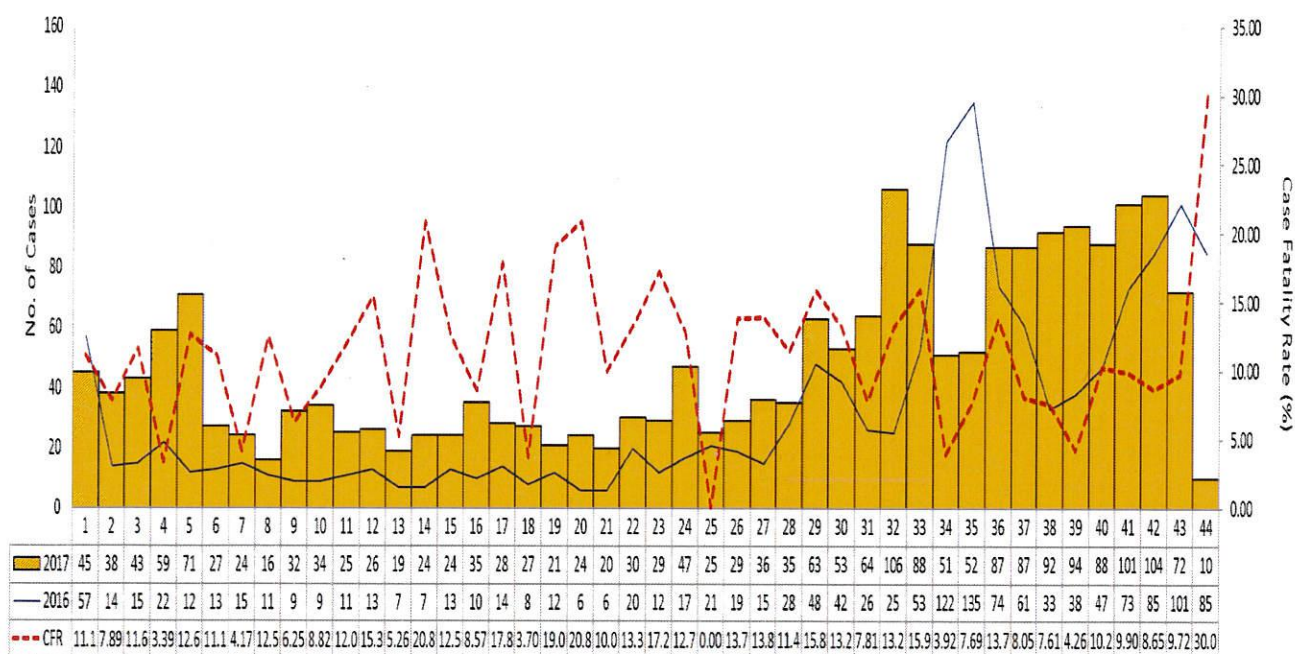


Leptospirosis Cases

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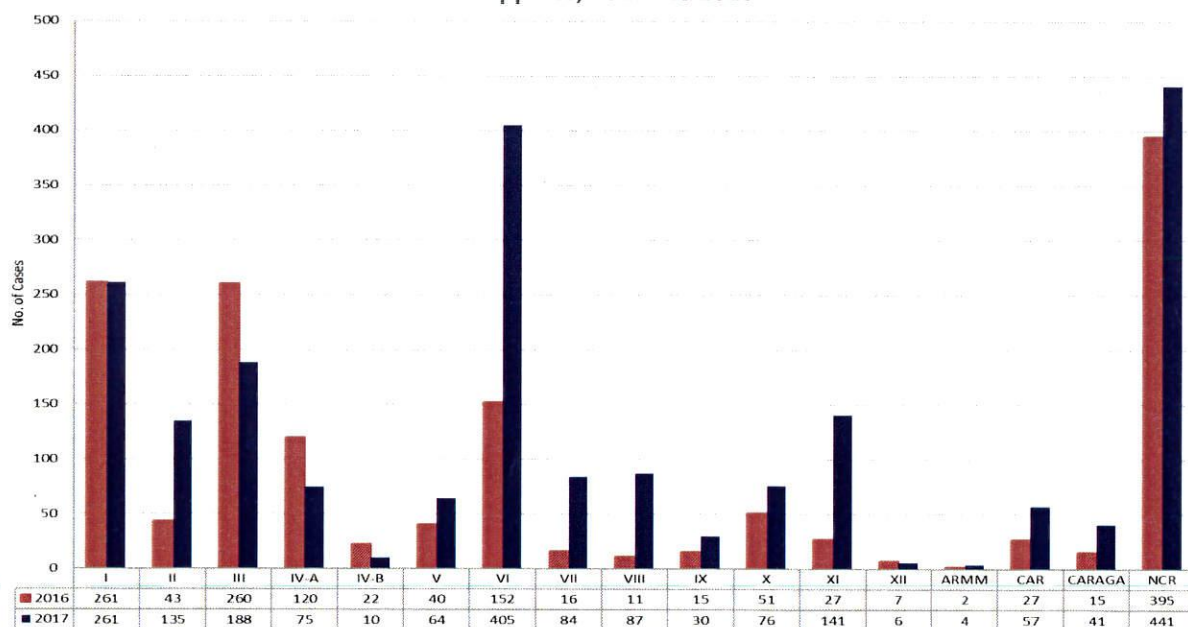
Fig. 3 Reported Leptospirosis Cases by Morbidity Week,
Philippines, as of January 1, 2017-November 4, 2017*
2017 vs 2016 (N=2,015)



Geographic Distribution

Most of the cases were from the following regions: **NCR** (21.0%), **REGION VI** (19.2%), **REGION I** (12.4%), **REGION III** (8.9%) and **REGION XI** (6.7%).

Fig. 4 Reported Leptospirosis Cases by Region
Philippines, 2017* vs 2016



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Profile of Cases

Ages of cases ranged from less than 1 to 82 years old (median = 30 years). Majority (88%) of cases were male. Most (15.2%) of the cases belonged to the age group of 20-24 years old (Fig. 5). There were 223 deaths (CFR = 10.59%). The 45-49 age group (Fig. 6) has the highest CFR (17.93%).

Fig. 5 Reported Leptospirosis Cases by Age Group and Sex
 Philippines, as of January 1, 2017-November 4, 2017* (N=2,105)

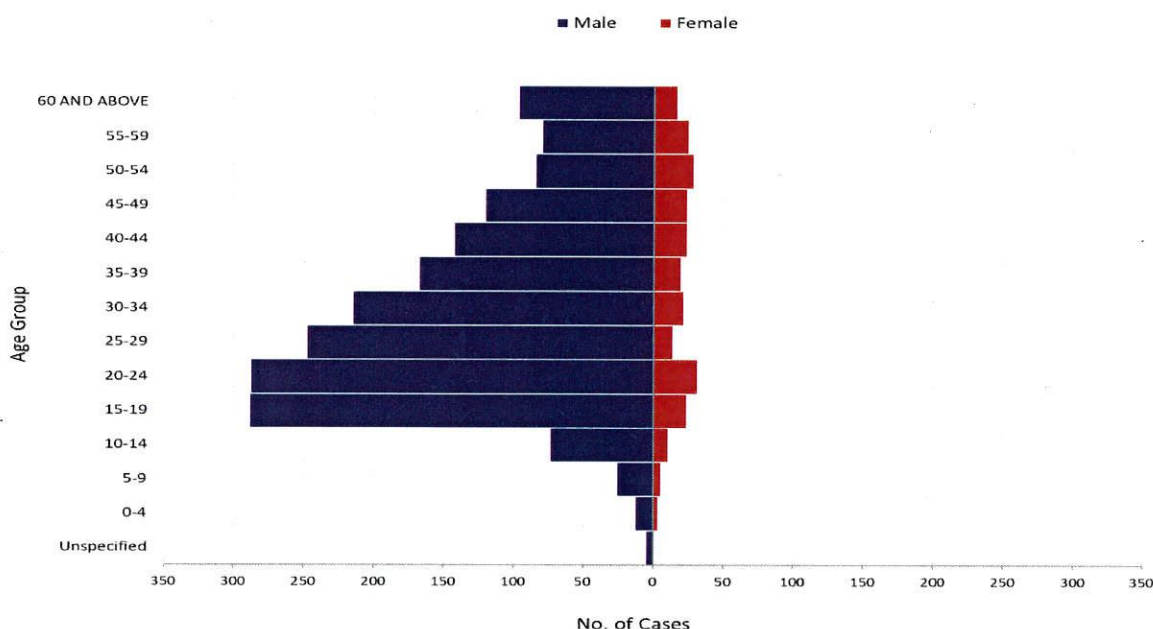
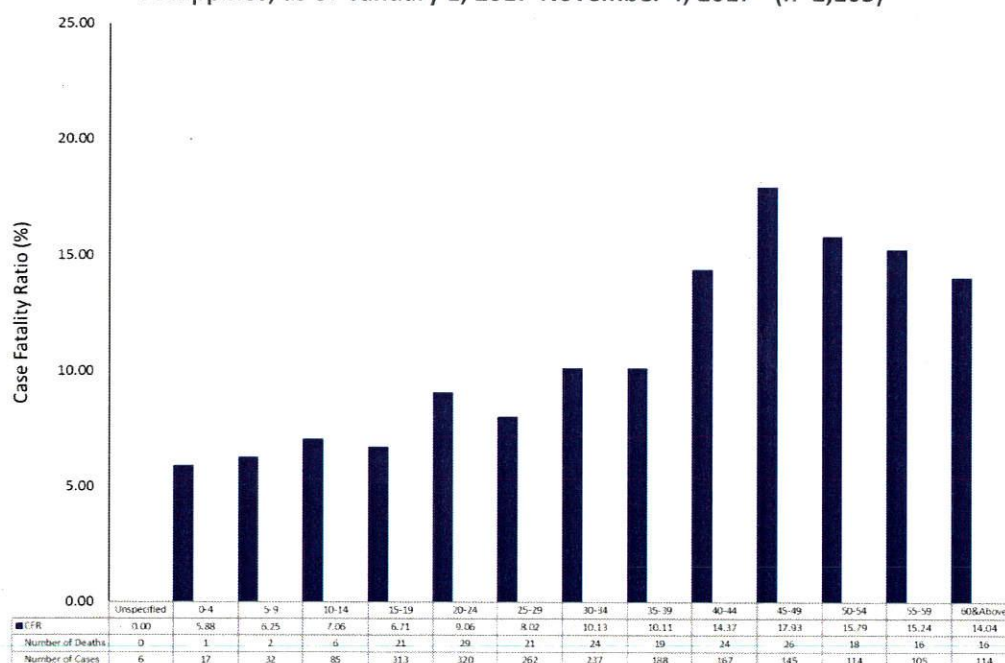


Fig. 6 Reported Leptospirosis Case Fatality Rate (CFR) by Age Group,
 Philippines, as of January 1, 2017-November 4, 2017* (n=2,105)



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Table 1. Leptospirosis Cases & Deaths by Region
 Philippines, 2017* vs 2016

Region	Cases			Deaths			
	2017	2016	% Change	2017	CFR (%)	2016	CFR (%)
I	261	261	→ 0.0	43	16.48	39	14.94
II	135	43	↑ 214.0	16	11.85	3	6.98
III	188	260	↓ -27.7	15	7.98	19	7.31
IV-A	75	120	↓ -37.5	7	9.33	16	13.33
IV-B	10	22	↓ -54.5	2	20.00	0	0.00
V	64	40	↑ 60.0	4	6.25	1	2.50
VI	405	152	↑ 166.4	33	8.15	17	11.18
VII	84	16	↑ 425.0	14	16.67	5	31.25
VIII	87	11	↑ 690.9	10	11.49	0	0.00
IX	30	15	↑ 100.0	5	16.67	1	6.67
X	76	51	↑ 49.0	2	2.63	2	3.92
XI	141	27	↑ 422.2	7	4.96	6	22.22
XII	6	7	↓ -14.3	0	0.00	2	28.57
ARMM	4	2	↑ 100.0	0	0.00	0	0.00
CAR	57	27	↑ 111.1	3	5.26	0	0.00
CARAGA	41	15	↑ 173.3	3	7.32	0	0.00
NCR	441	395	↑ 11.6	59	13.38	45	11.39
Total	2105	1464	↑ 43.8	223	10.59	156	10.66

Figures 7-23. Leptospirosis Alert and Epidemic Thresholds per Region as of January 1-November 4, 2017*

Fig. 7 Reported Leptospirosis Cases by Morbidity Week
 Region I, as of January 1-November 4, 2017 (n=261)

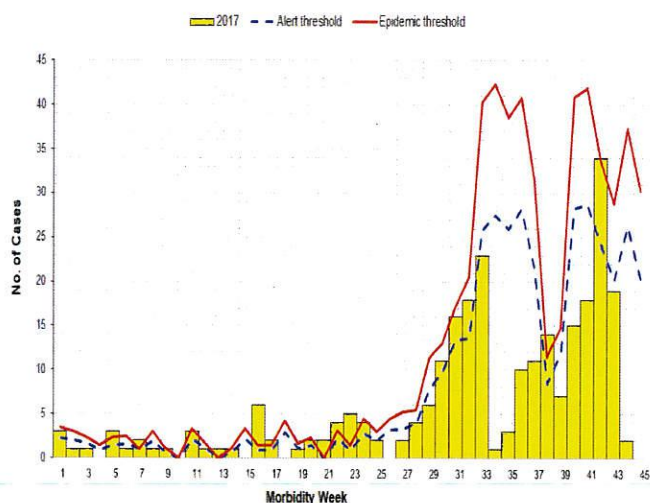
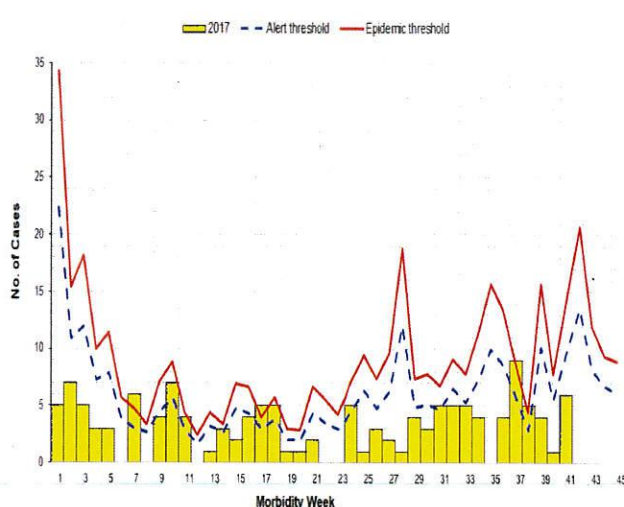


Fig. 8 Reported Leptospirosis Cases by Morbidity Week
 Region II, as January 1-November 4, 2017 (n=135)



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Fig. 9 Reported Leptospirosis Cases by Morbidity Week
Region III, as of January 1-November 4, 2017 (n=188)

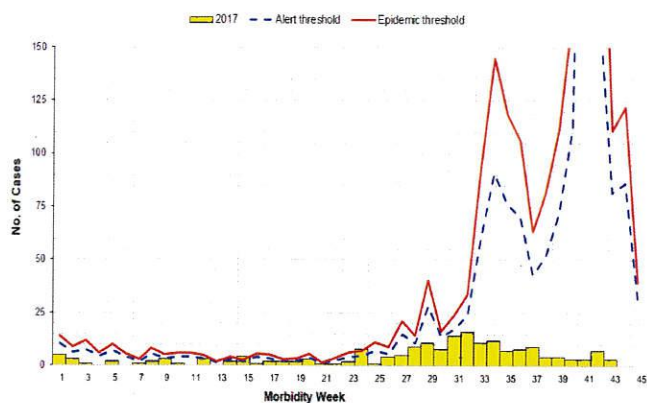


Fig. 11 Reported Leptospirosis Cases by Morbidity Week
Region IV-B, as of January 1- November 4, 2017 (n=10)

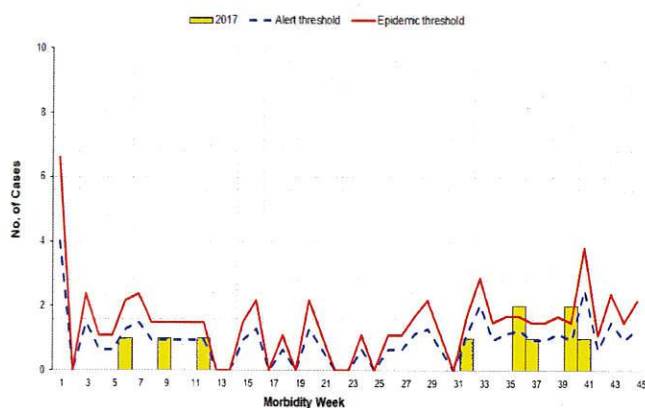


Fig. 13 Reported Leptospirosis Cases by Morbidity Week
Region VI, as of January 1-November 4, 2017 (n=405)

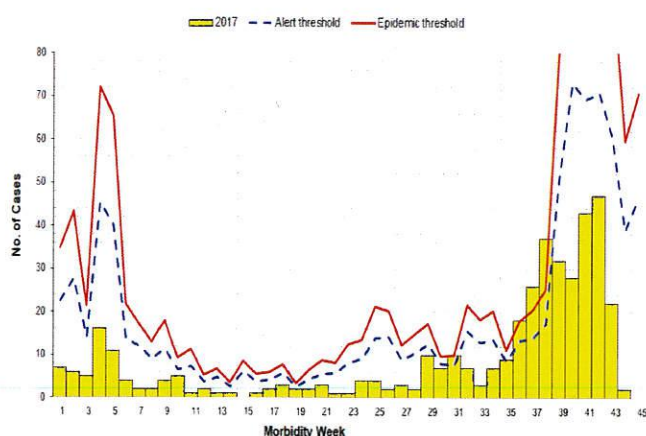


Fig. 10 Reported Leptospirosis Cases by Morbidity Week
Region IV-A, as of January 1-November 4, 2017 (n=75)

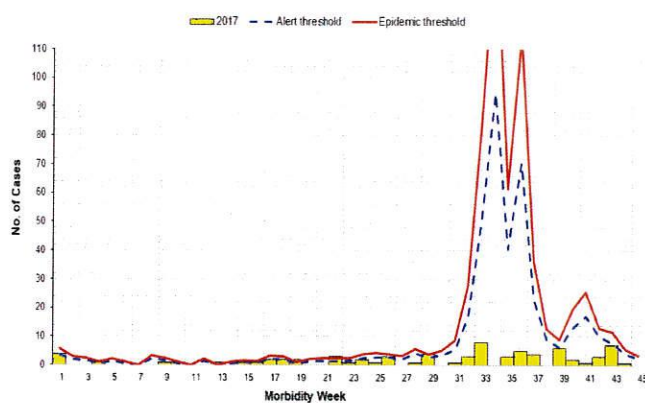


Fig. 12 Reported Leptospirosis Cases by Morbidity Week
Region V, as of January 1-November 4, 2017 (n=64)

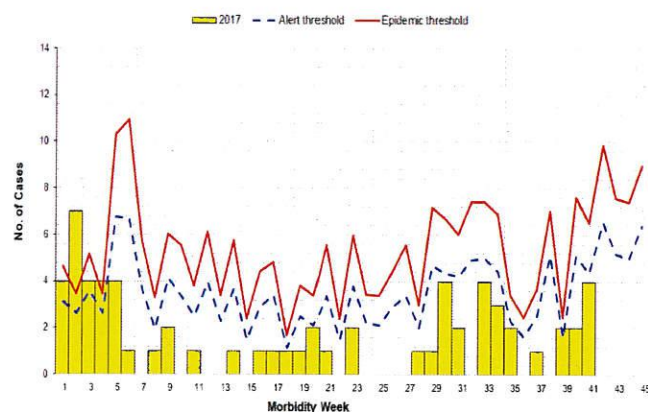
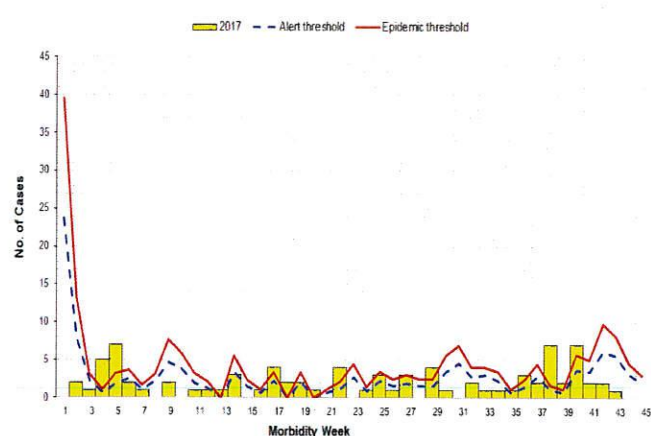


Fig. 14 Reported Leptospirosis Cases by Morbidity Week
Region VII, as of January 1-November 4, 2017 (n=84)



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Fig. 15 Reported Leptospirosis Cases by Morbidity Week
Region VIII, as of January 1-November 4, 2017 (n=87)

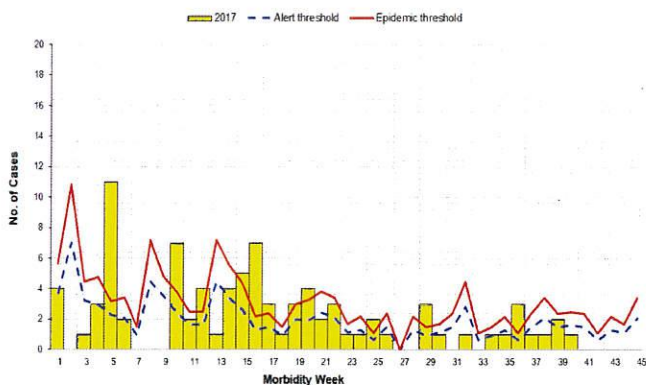


Fig. 16 Reported Leptospirosis Cases by Morbidity Week
Region IX, as of January 1-November 4, 2017 (n=30)

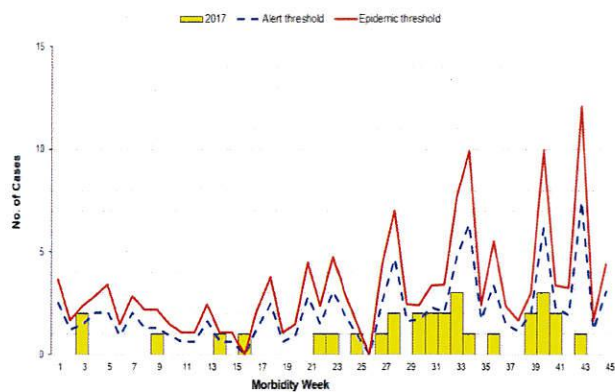


Fig. 17 Reported Leptospirosis Cases by Morbidity Week
Region X, as of January 1-November 4, 2017 (n=76)

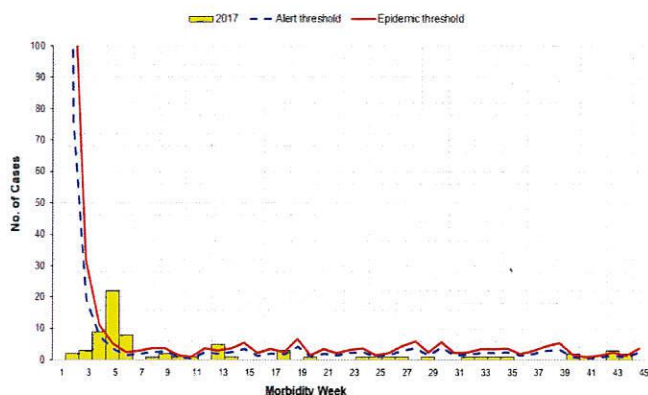


Fig. 18 Reported Leptospirosis Cases by Morbidity Week
Region XI, as of January 1-November 4, 2017 (n=141)

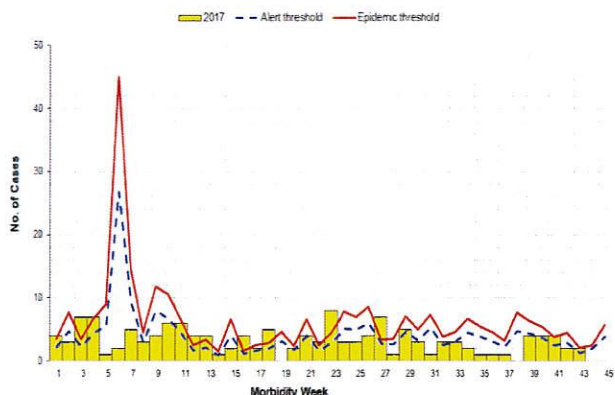


Fig. 19 Reported Leptospirosis Cases by Morbidity Week
Region XII, as of January 1-November 4, 2017 (n=6)

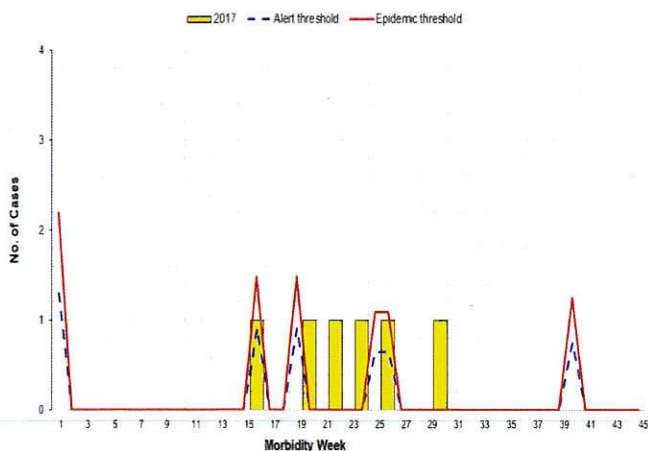
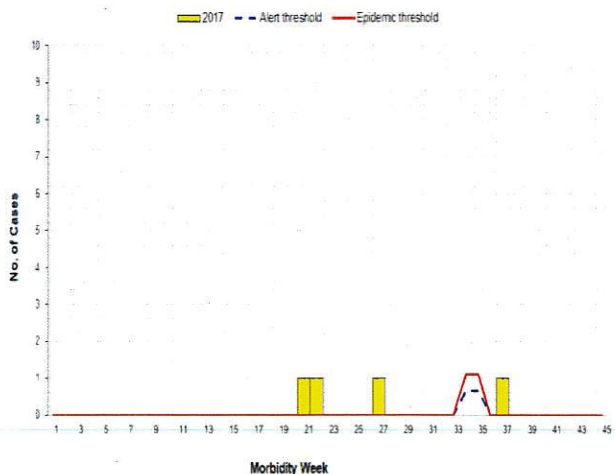


Fig. 20 Reported Leptospirosis Cases by Morbidity Week
ARMM, as of January 1-November 4, 2017 (n=4)



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Fig. 21 Reported Leptospirosis Cases by Morbidity Week
CAR, as of January 1-November 4, 2017 (n=57)

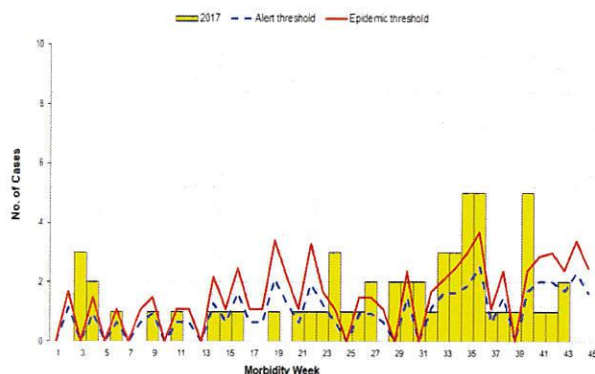


Fig. 22 Reported Leptospirosis Cases by Morbidity Week
CARAGA, as of January 1-November 4, 2017 (n=41)

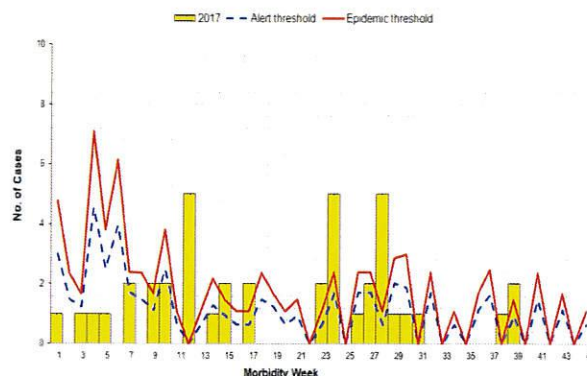
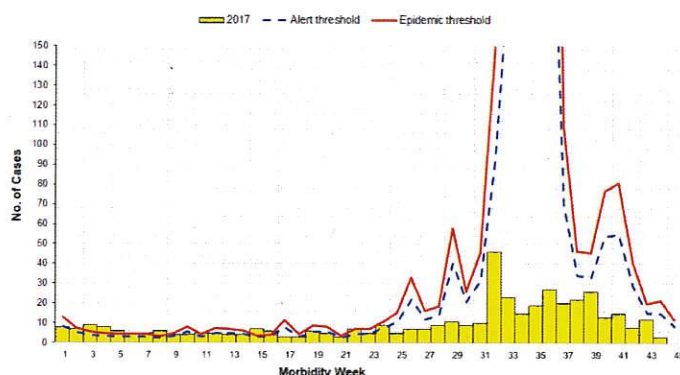


Fig. 23 Reported Leptospirosis Cases by Morbidity Week
NCR, as of January 1-November 4, 2017 (n=441)



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