



January 1, 2017-December 2, 2017

Epidemiology Bureau
 Public Health Surveillance Division

Trend in the Philippines

A total of **2,495** leptospirosis cases were reported nationwide from January 1 to December 2, 2017. This is **49.1 %** higher compared to the same time period last year (**1,673**).

Fig. 1 Reported Leptospirosis Cases by Morbidity Week
 Philippines, as of January 1, 2017-December 2, 2017* (N=2,495)

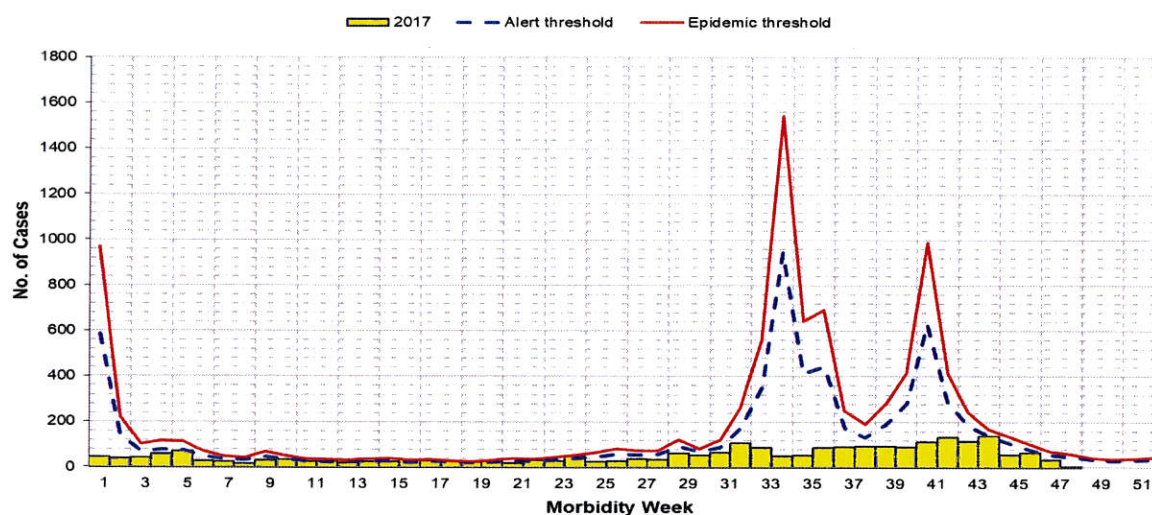
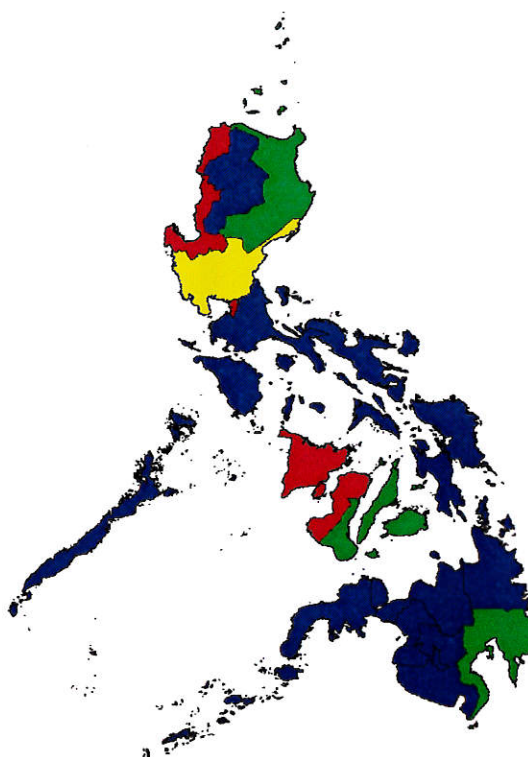


Fig. 2 Reported Leptospirosis Cases by Region,
 Philippines, as of January 1, 2017-December 2, 2017* (N=2,495)

Region	Cases
I	369
II	163
III	207
IV-A	94
IV-B	18
V	83
VI	474
VII	125
VIII	90
IX	34
X	81
XI	154
XII	6
ARMM	5
CAR	69
CARAGA	45
NCR	478
PHILIPPINES	2,495

Legend - Cases	
No reported cases	
1.00 - 100.25	
100.26 - 200.50	
200.51 - 300.75	
300.76 +	



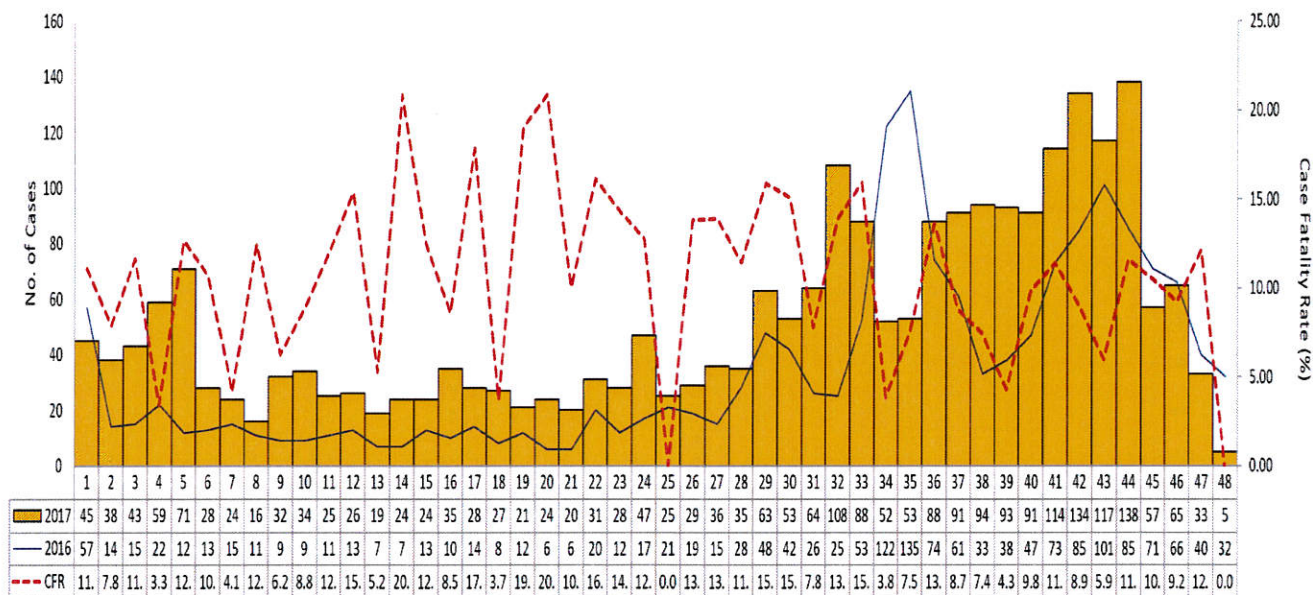
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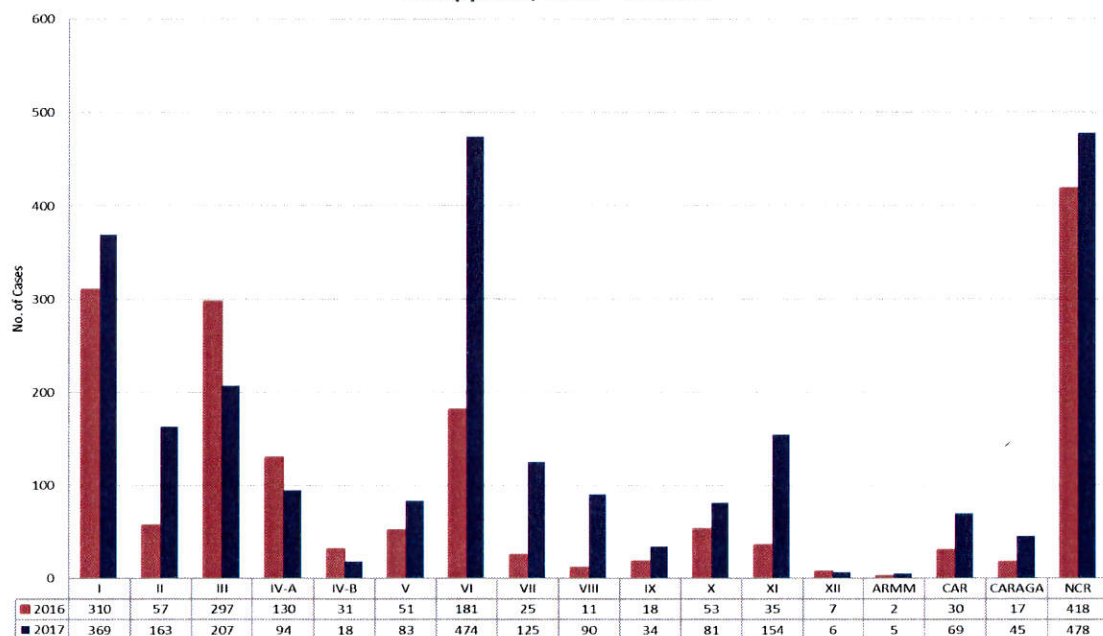
**Fig. 3 Reported Leptospirosis Cases by Morbidity Week, Philippines, as of January 1, 2017-December 2, 2017*
2017 vs 2016 (N=2,495)**



Geographic Distribution

Most of the cases were from the following regions: **NCR (19.2%)**, **REGION VI (19%)**, **REGION I (14.8%)**, **REGION III (8.3%)** and **REGION II (6.5%)**.

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 (88.4%) of cases were male. Most (15.4%) of the cases belonged to the age group of 15-19 years old (Fig. 5). There were 261 deaths (CFR = 10.46%). The 45-49 age group (Fig. 6) has the highest CFR (20%).

Fig. 5 Reported Leptospirosis Cases by Age Group and Sex
Philippines, as of January 1, 2017-December 2, 2017* (N=2,495)

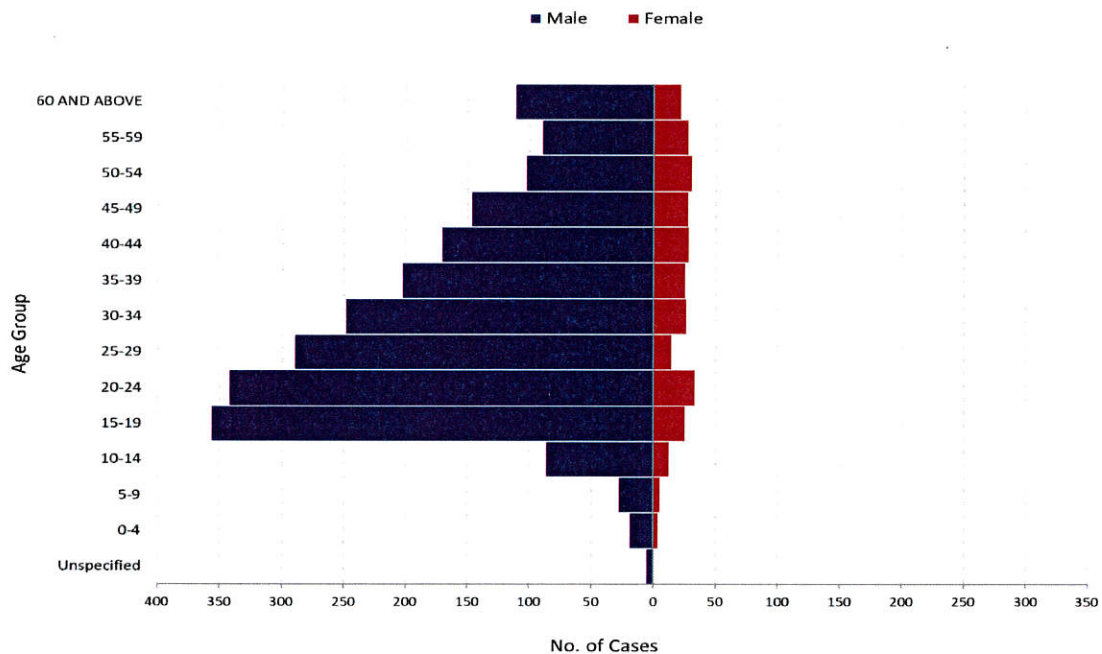
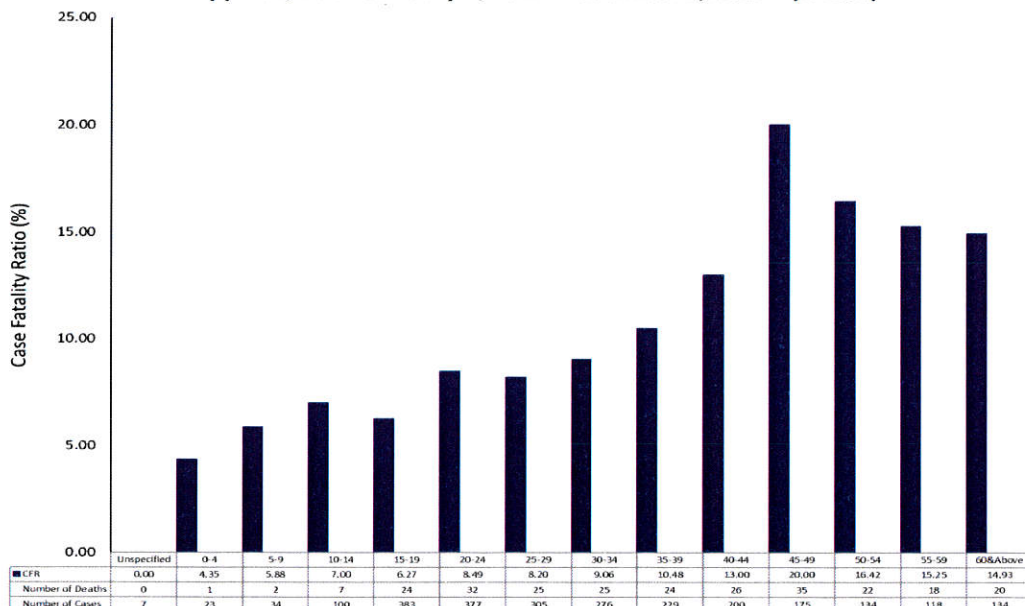


Fig. 6 Reported Leptospirosis Case Fatality Rate (CFR) by Age Group,
Philippines, as of January 1, 2017-December 2, 2017* (n=261)



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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	369	310	↑ 19.0	54	14.63	47	15.16
II	163	57	↑ 186.0	16	9.82	6	10.53
III	207	297	↓ -30.3	21	10.14	19	6.40
IV-A	94	130	↓ -27.7	7	7.45	16	12.31
IV-B	18	31	↓ -41.9	4	22.22	0	0.00
V	83	51	↑ 62.7	6	7.23	1	1.96
VI	474	181	↑ 161.9	38	8.02	18	9.94
VII	125	25	↑ 400.0	19	15.20	7	28.00
VIII	90	11	↑ 718.2	10	11.11	0	0.00
IX	34	18	↑ 88.9	5	14.71	1	5.56
X	81	53	↑ 52.8	2	2.47	2	3.77
XI	154	35	↑ 340.0	7	4.55	7	20.00
XII	6	7	↓ -14.3	0	0.00	2	28.57
ARMM	5	2	↑ 150.0	0	0.00	0	0.00
CAR	69	30	↑ 130.0	3	4.35	0	0.00
CARAGA	45	17	↑ 164.7	4	8.89	0	0.00
NCR	478	418	↑ 14.4	65	13.60	46	11.00
Total	2495	1673	↑ 49.1	261	10.46	172	10.28

Figures 7-23. Leptospirosis Alert and Epidemic Thresholds per Region as of January 1-December 2, 2017*

Fig. 7 Reported Leptospirosis Cases by Morbidity Week
 Region I, as of January 1-December 2, 2017 (n=369)

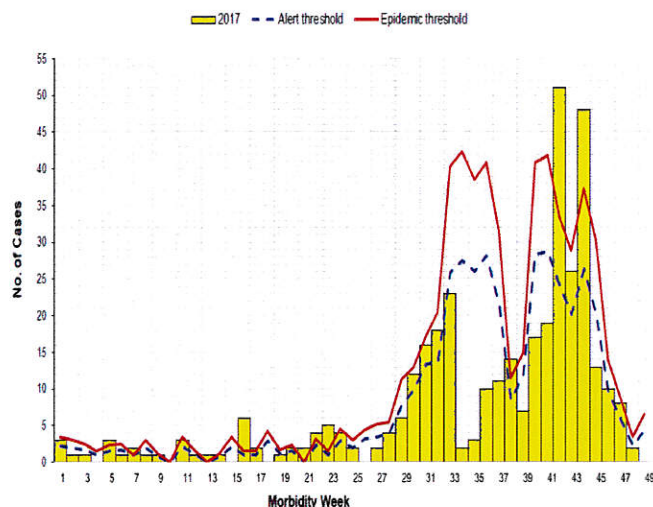
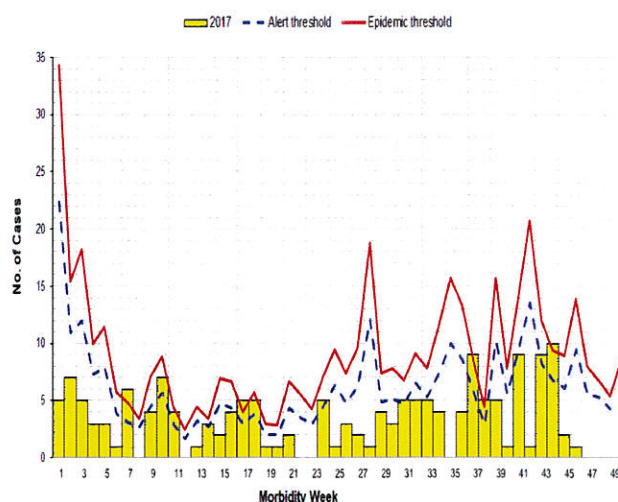


Fig. 8 Reported Leptospirosis Cases by Morbidity Week
 Region II, as of January 1-December 2, 2017 (n=163)



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Fig. 9 Reported Leptospirosis Cases by Morbidity Week
Region III, as of January 1-December 2, 2017 (n=207)

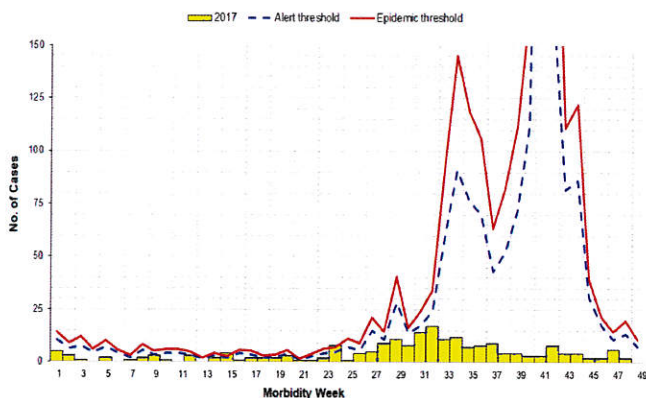


Fig. 10 Reported Leptospirosis Cases by Morbidity Week
Region IV-A, as of January 1-December 2, 2017 (n=94)

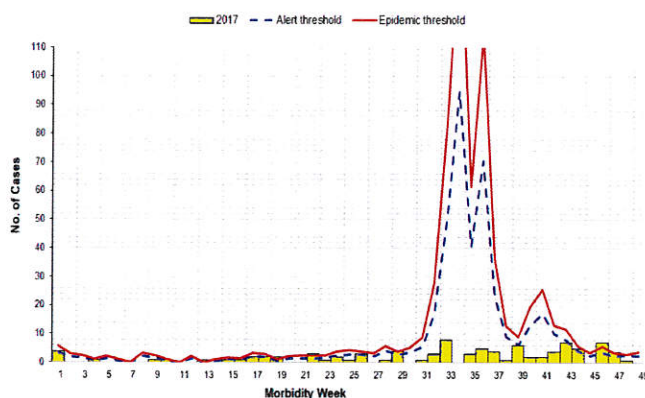


Fig. 11 Reported Leptospirosis Cases by Morbidity Week
Region IV-B as of January 1- December 2, 2017 (n=18)

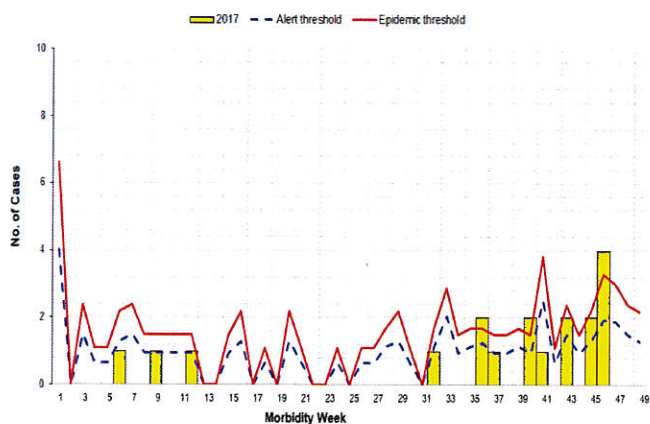


Fig. 12 Reported Leptospirosis Cases by Morbidity Week
Region V, as of January 1-December 2, 2017 (n=83)

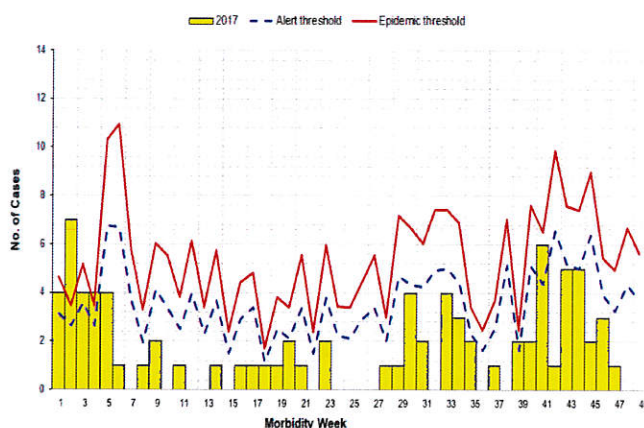


Fig. 13 Reported Leptospirosis Cases by Morbidity Week
Region VI, as of January 1-December 2, 2017 (n=474)

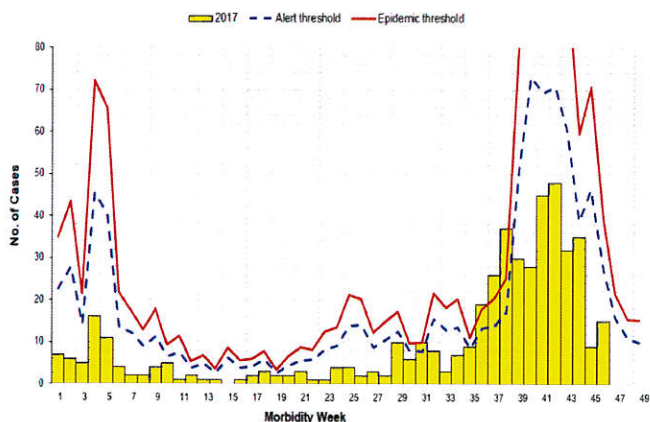
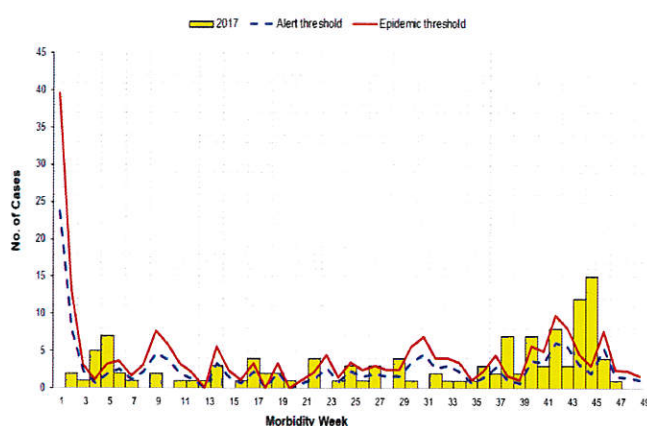


Fig. 14 Reported Leptospirosis Cases by Morbidity Week
Region VII, as of January 1-December 2, 2017 (n=125)



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Fig. 15 Reported Leptospirosis Cases by Morbidity Week
Region VIII, as of January 1-December 2, 2017 (n=90)

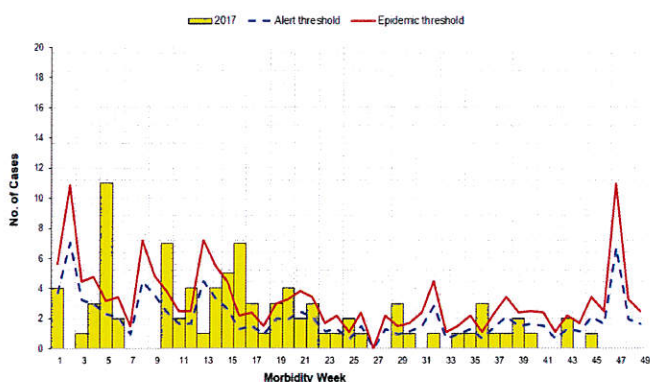


Fig. 17 Reported Leptospirosis Cases by Morbidity Week
Region X, as of January 1-December 2, 2017 (n=81)

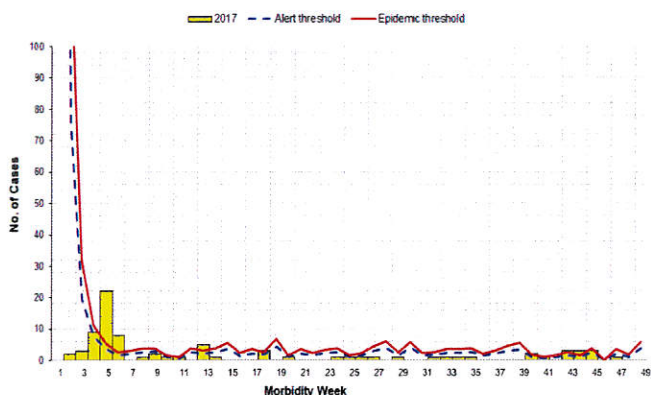


Fig. 19 Reported Leptospirosis Cases by Morbidity Week
Region XII, as of January 1-December 2, 2017 (n=6)

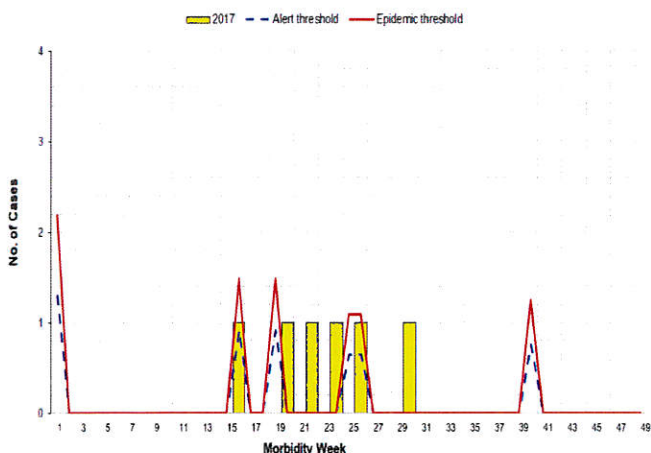


Fig. 16 Reported Leptospirosis Cases by Morbidity Week
Region IX, as of January 1-December 2, 2017 (n=34)

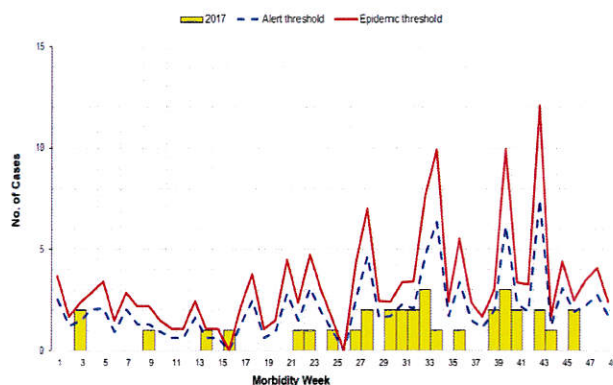


Fig. 18 Reported Leptospirosis Cases by Morbidity Week
Region XI, as of January 1-December 2, 2017 (n=154)

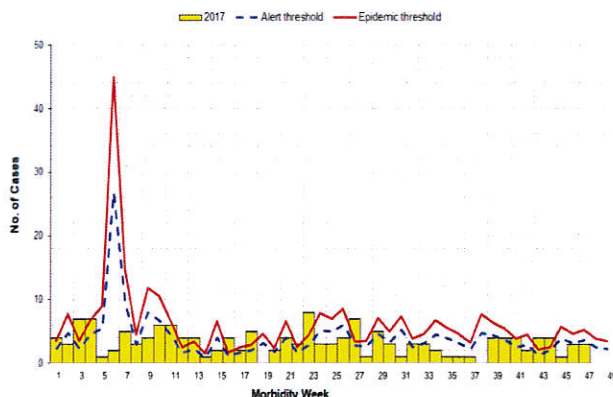
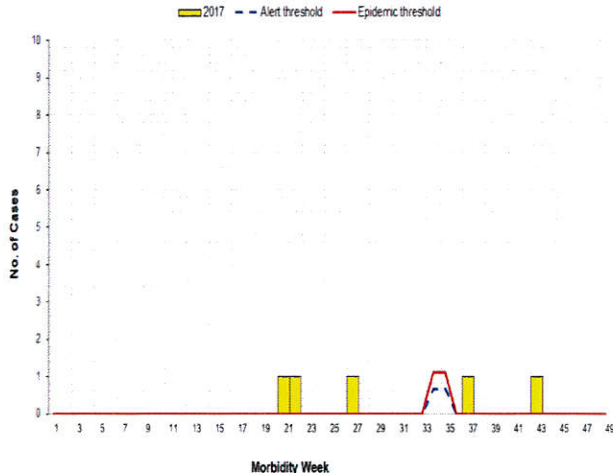


Fig. 20 Reported Leptospirosis Cases by Morbidity Week
ARMM, as of January 1-December 2, 2017 (n=5)



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Fig. 21 Reported Leptospirosis Cases by Morbidity Week
CAR, as of January 1-December 2, 2017 (n=69)

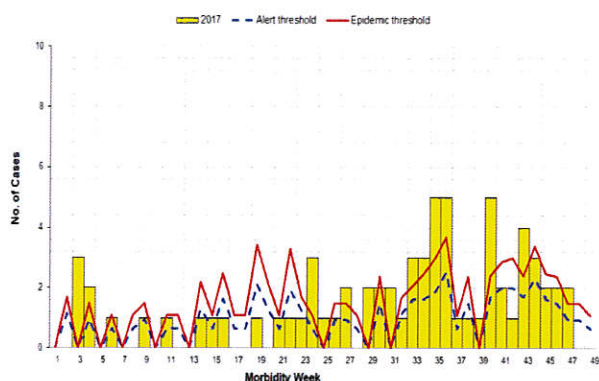


Fig. 22 Reported Leptospirosis Cases by Morbidity Week
CARAGA, as of January 1-December 2, 2017 (n=45)

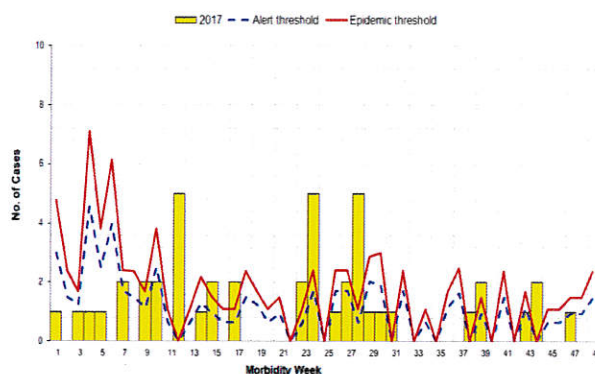
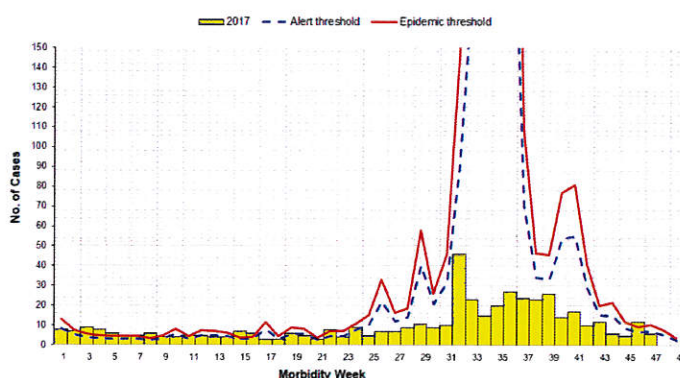


Fig. 23 Reported Leptospirosis Cases by Morbidity Week
NCR, as of January 1-December 2, 2017 (n=478)



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