



Morbidity Week 22 : January 1-June 3, 2017

Epidemiology Bureau
Public Health Surveillance Division

Trend in the Philippines

A total of **581** suspect leptospirosis cases were reported nationwide from January 1 to June 3, 2017. This is **91.1%** higher compared to the same time period last year (**304**).

Geographic Distribution

Most of the cases were from the following regions: **NCR** (17.9%), **REGION VI** (12.7%), **REGION XI** (12.4%), **REGION X** (9.5%) and **REGION VIII** (8.6%).

Fig. 1 Suspect Leptospirosis Cases by Morbidity Week Philippines, as of June 3, 2017 (N=581)

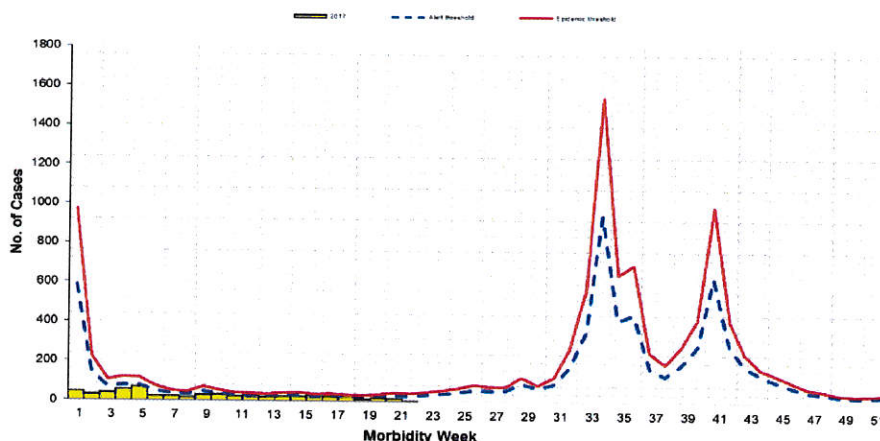


Fig. 2 Suspect Leptospirosis Cases by Region Philippines, 2017 vs 2016

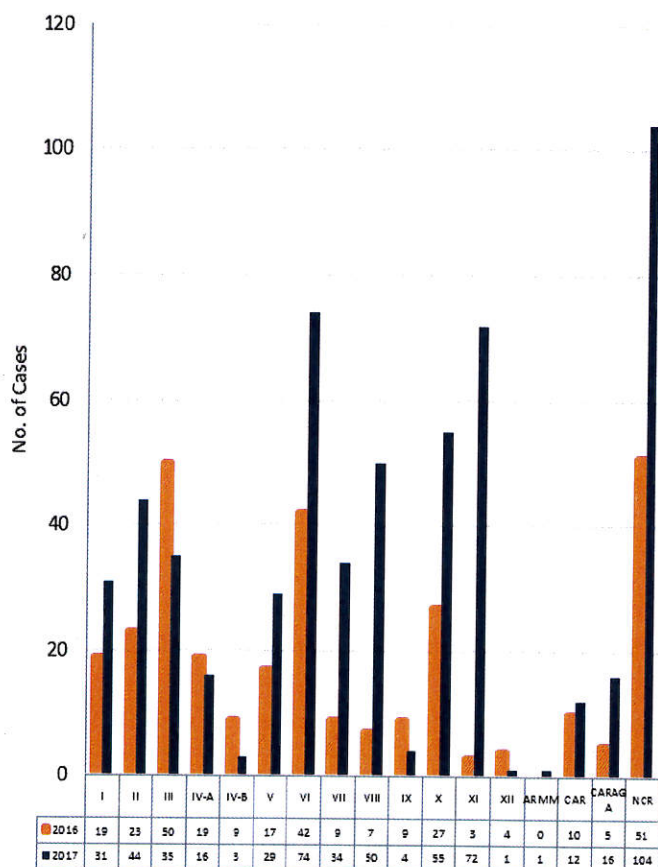
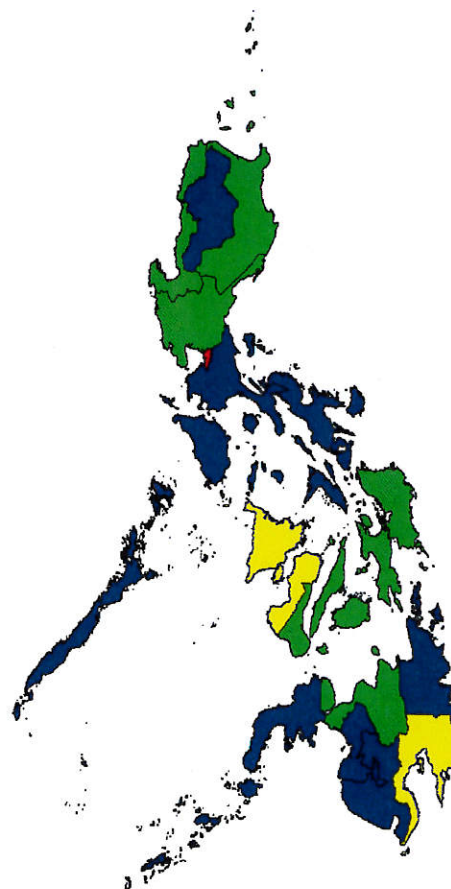


Fig. 3 Suspect Leptospirosis Cases by Region, Philippines, as of June 3, 2017 (N=581)

Region	Cases
I	31
II	44
III	35
IV-A	16
IV-B	3
V	29
VI	74
VII	34
VIII	50
IX	4
X	55
XI	72
XII	1
ARMM	1
CAR	12
CARAGA	16
NCR	104
PHILIPPINES	581

Legend - Cases
No Reported Cases
1.00 - 39.99
40.00 - 59.99
60.00 - 79.99
80.00 - 99.99



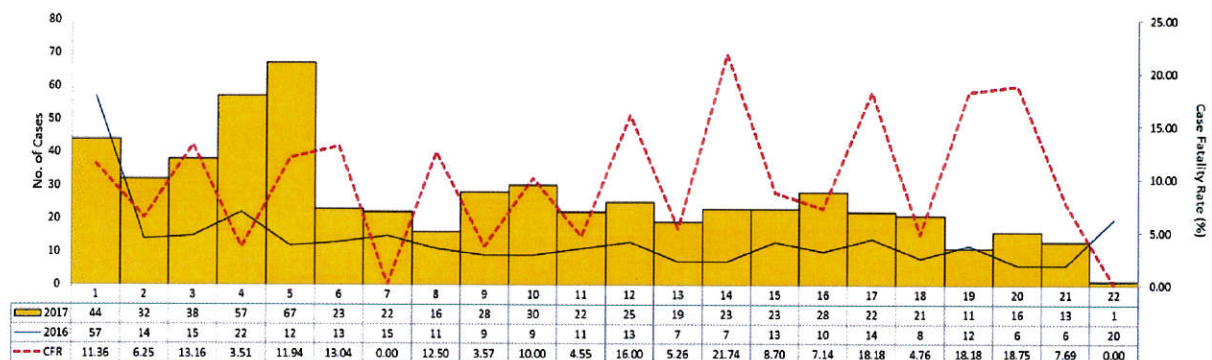
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Fig. 4 Suspect Leptospirosis Cases by Morbidity Week,
Philippines, as of June 3, 2017
2017 vs 2016 (N=581)



Profile of Cases

Ages of cases ranged from less than 1 to 71 years old (median = 30 years). Majority (87.4%) of cases were male. Most (14.3%) of the cases belonged to the age group of 20-24 years old (Fig. 5). There were 57 deaths (CFR = 9.81%). The 5-9 age group (Fig. 6) has the highest CFR (28.57%).

Fig. 5 Suspect Leptospirosis Cases by Agegroup and Sex
Philippines, as of June 3, 2017 (N=581)

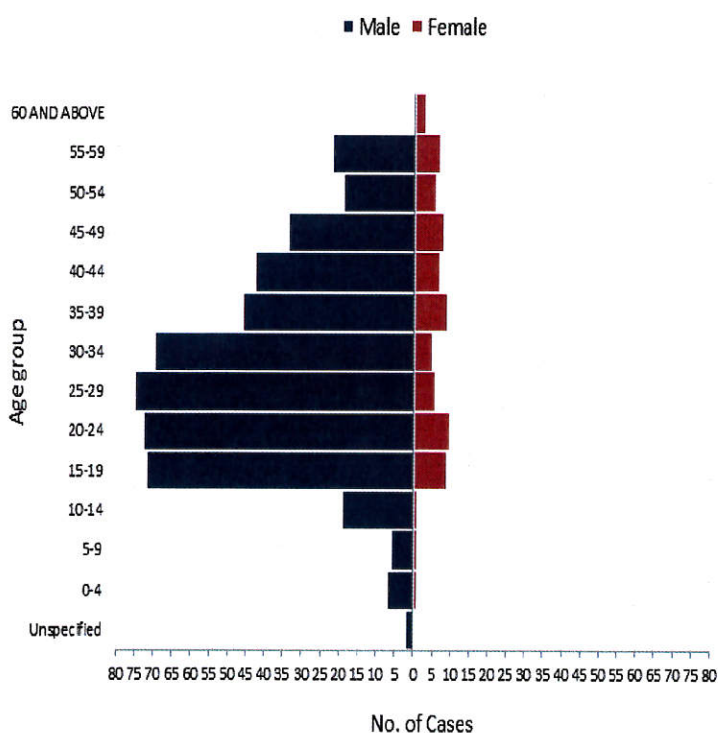
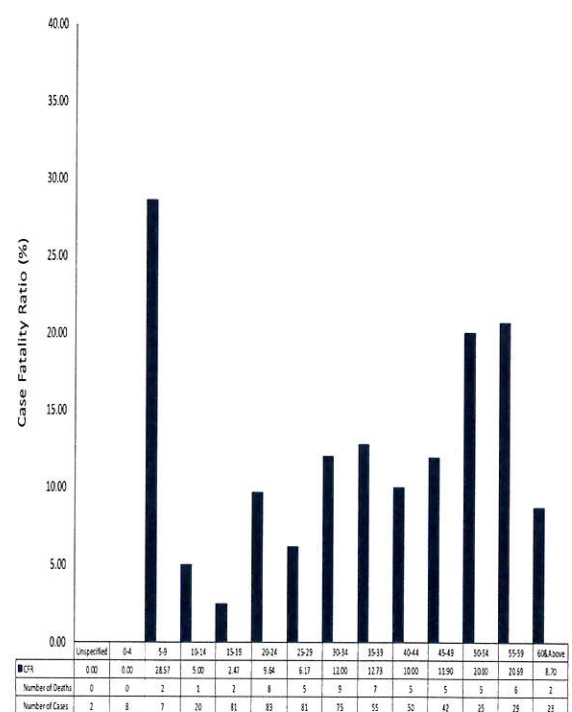


Fig. 6 Suspect Leptospirosis Case Fatality Rate (CFR)
by Age Group, Philippines, as of June 3, 2017 (n=57)



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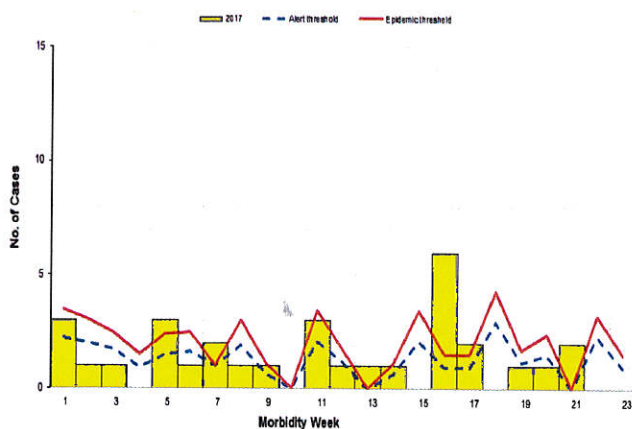
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**Table 1. Leptospirosis Cases & Deaths by Region
Philippines, 2017 vs 2016**

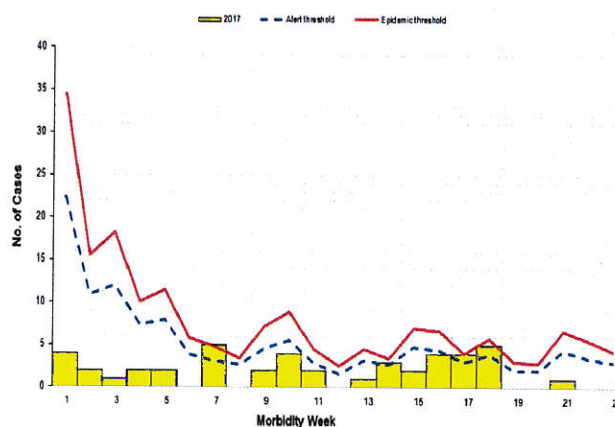
Region	Cases			Deaths			
	2017	2016	% Change	2017	CFR (%)	2016	CFR (%)
I	31	19	63.2	5	16.13	5	26.32
II	44	23	91.3	1	2.27	1	4.35
III	35	50	-30.0	5	14.29	3	6.00
IV-A	16	19	-15.8	1	6.25	2	10.53
IV-B	3	9	-66.7	0	0.00	0	0.00
V	29	17	70.6	2	6.90	1	5.88
VI	74	42	76.2	8	10.81	6	14.29
VII	34	9	277.8	6	17.65	4	44.44
VIII	50	7	614.3	7	14.00	0	0.00
IX	4	9	-55.6	1	25.00	1	11.11
X	55	27	103.7	2	3.64	1	3.70
XI	72	3	2300.0	3	4.17	0	0.00
XII	1	4	-75.0	0	0.00	1	25.00
ARMM	1	0	0.0	0	0.00	0	0.00
CAR	12	10	20.0	2	16.67	0	0.00
CARAGA	16	5	220.0	1	6.25	0	0.00
NCR	104	51	103.9	13	12.50	5	9.80
Total	581	304	91.1	57	9.81	30	9.87

Figures 7-23. Leptospirosis Alert and Epidemic Thresholds per Region as of June 3, 2017

**Fig. 7 Suspect Leptospirosis Cases by Morbidity Week
Region I, as of June 3, 2017 (N=31)**



**Fig. 8 Suspect Leptospirosis Cases by Morbidity Week
Region II, as of June 3, 2017 (N=44)**



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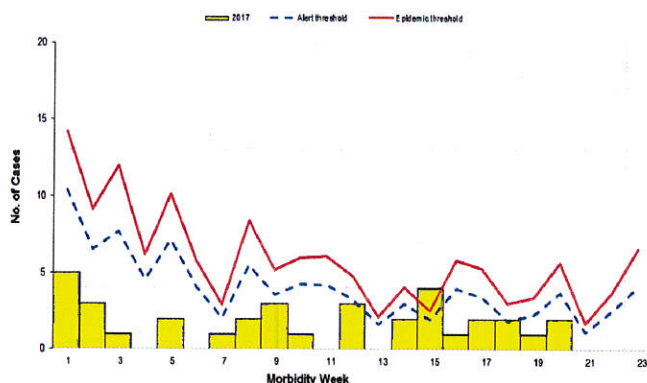


Leptospirosis Cases

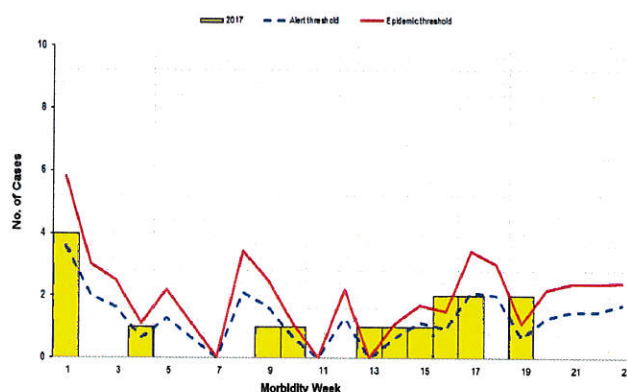
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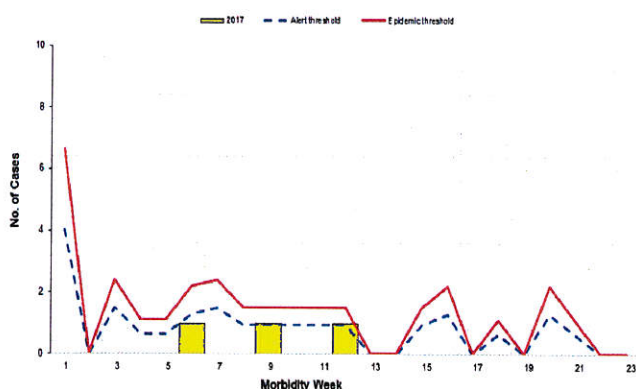
**Fig. 9 Suspect Leptospirosis Cases by Morbidity Week
Region III, as of June 3, 2017 (N=35)**



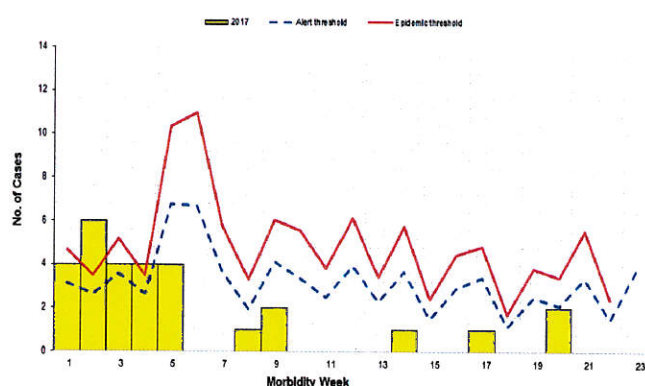
**Fig. 10 Suspect Leptospirosis Cases by Morbidity Week
Region IV-A, as of June 3, 2017 (N=16)**



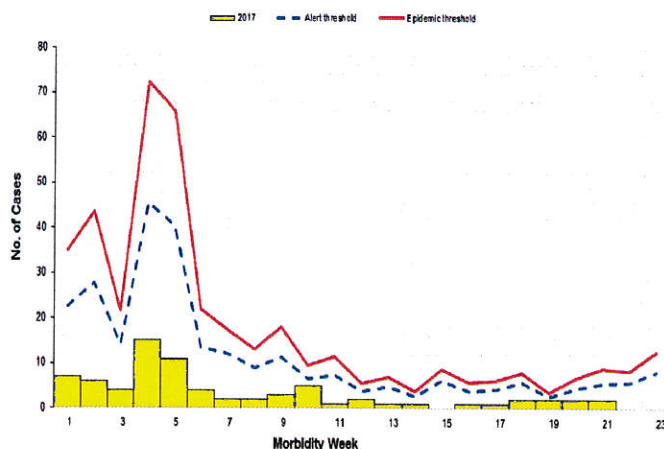
**Fig. 11 Suspect Leptospirosis Cases by Morbidity Week
Region IV-B, as of June 3, 2017 (N=3)**



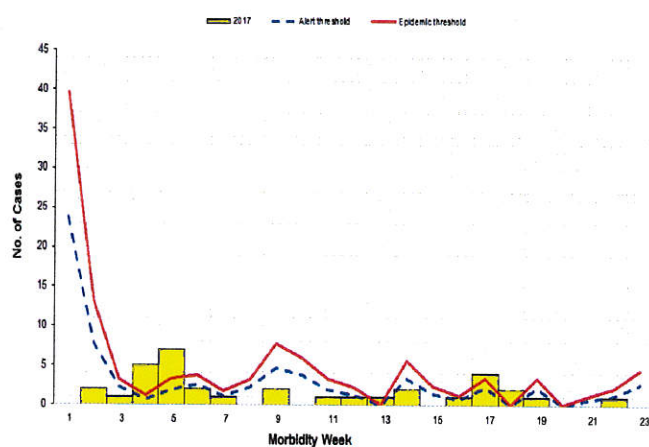
**Fig. 12 Suspect Leptospirosis Cases by Morbidity Week
Region V, as of June 3, 2017 (N=29)**



**Fig. 13 Suspect Leptospirosis Cases by Morbidity Week
Region VI, as of June 3, 2017 (N=74)**



**Fig. 14 Suspect Leptospirosis Cases by Morbidity Week
Region VII, as of June 3, 2017 (N=34)**



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Leptospirosis Cases

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Fig. 15 Suspect Leptospirosis Cases by Morbidity Week
Region VIII, as of June 3, 2017 (N=50)

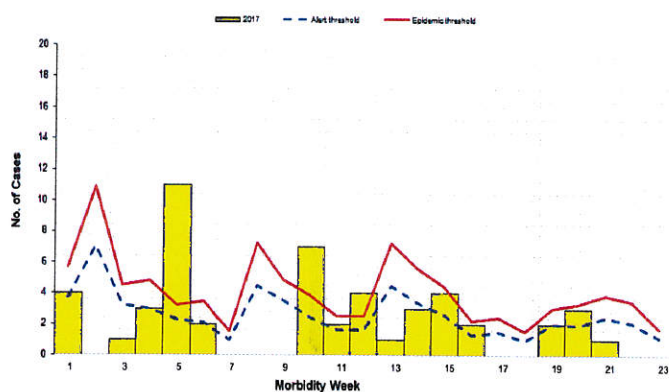


Fig. 16 Suspect Leptospirosis Cases by Morbidity Week
Region IX, as of June 3, 2017 (N=4)

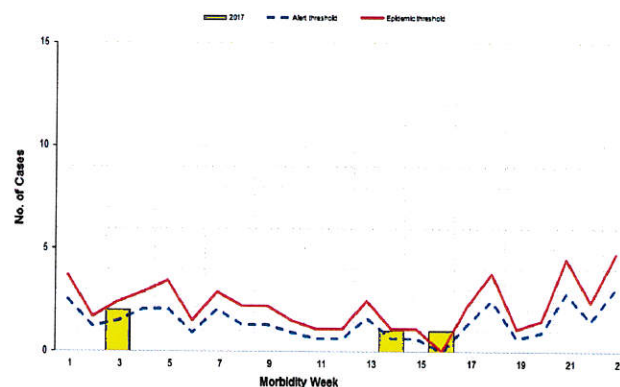


Fig. 17 Suspect Leptospirosis Cases by Morbidity Week
Region X, as of June 3, 2017 (N=55)

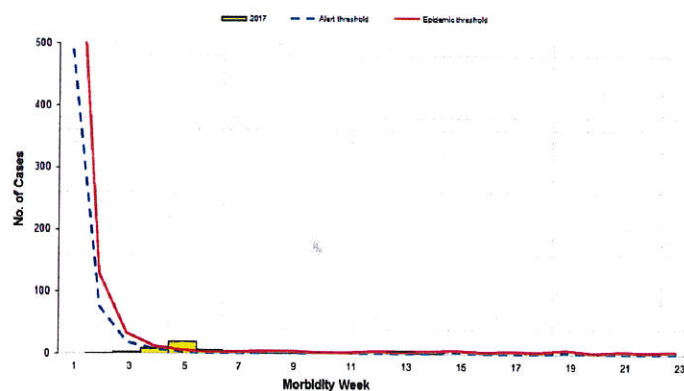


Fig. 18 Suspect Leptospirosis Cases by Morbidity Week
Region XI, as of June 3, 2017 (N=72)

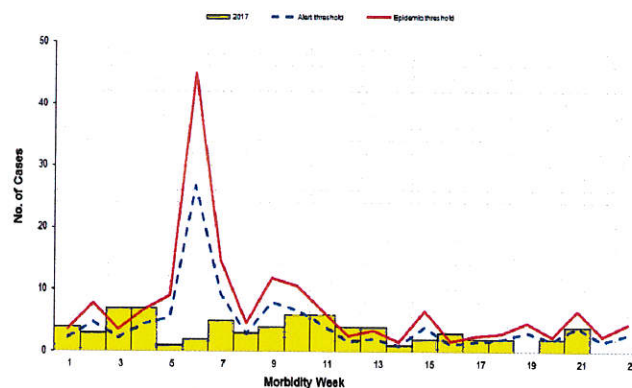


Fig. 19 Suspect Leptospirosis Cases by Morbidity Week
Region XII, as of June 3, 2017 (N=1)

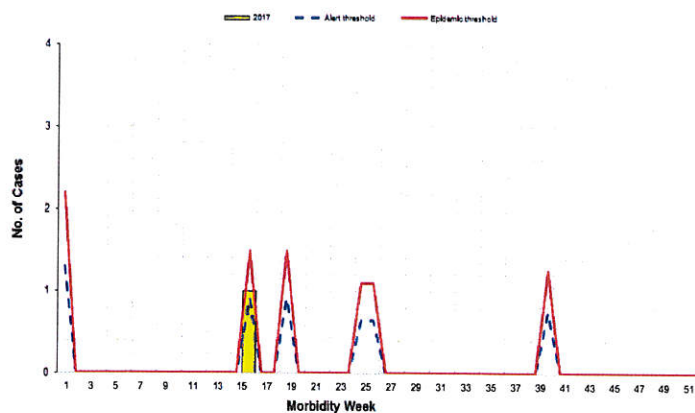
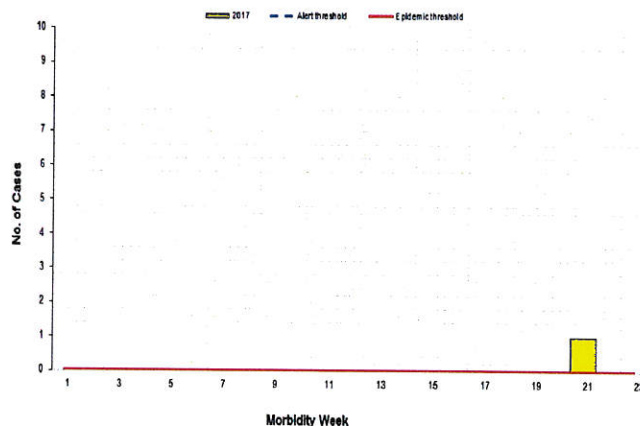


Fig. 20 Suspect Leptospirosis Cases by Morbidity Week
ARMM, as of June 3, 2017 (N=1)



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Fig. 21 Suspect Leptospirosis Cases by Morbidity Week
CAR, as of June 3, 2017 (N=12)

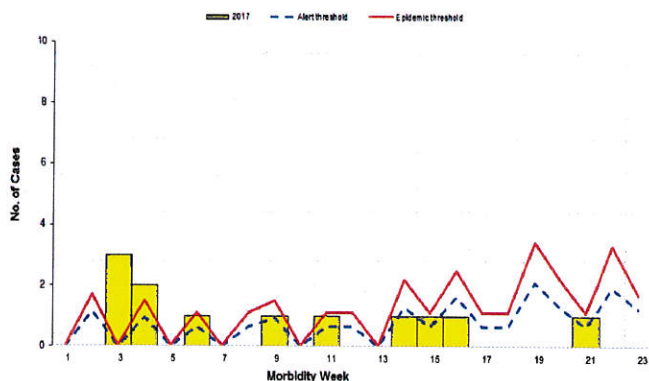


Fig. 22 Suspect Leptospirosis Cases by Morbidity Week
CARAGA, as of June 3, 2017 (N=16)

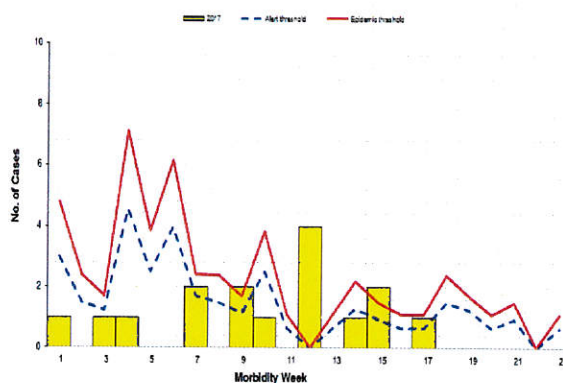
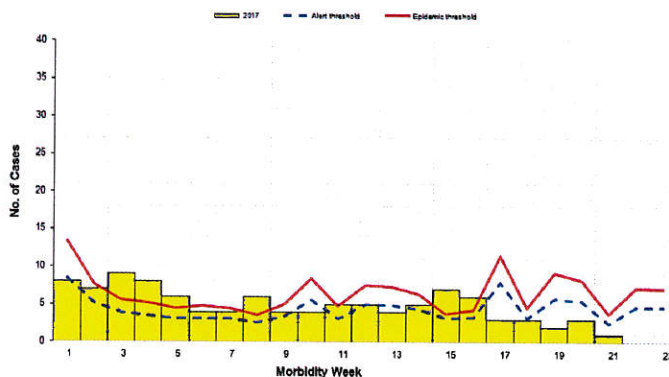


Fig. 23 Suspect Leptospirosis Cases by Morbidity Week
NCR, as of June 3, 2017 (N=104)



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