



Morbidity Week 1-26 : January 1-July 1, 2017

Epidemiology Bureau
Public Health Surveillance Division

Trend in the Philippines

A total of **722** suspect leptospirosis cases were reported nationwide from January 1 to July 1, 2017. This is **93.6%** higher compared to the same time period last year (**373**).

Geographic Distribution

Most of the cases were from the following regions: **NCR** (18.7%), **REGION XI** (12.6%), **REGION VI** (12.2%), **REGION X** (7.9%) and **REGION VIII** (7.3%).

Fig. 1 Suspect Leptospirosis Cases by Morbidity Week Philippines, as of July 1, 2017 (N=722)

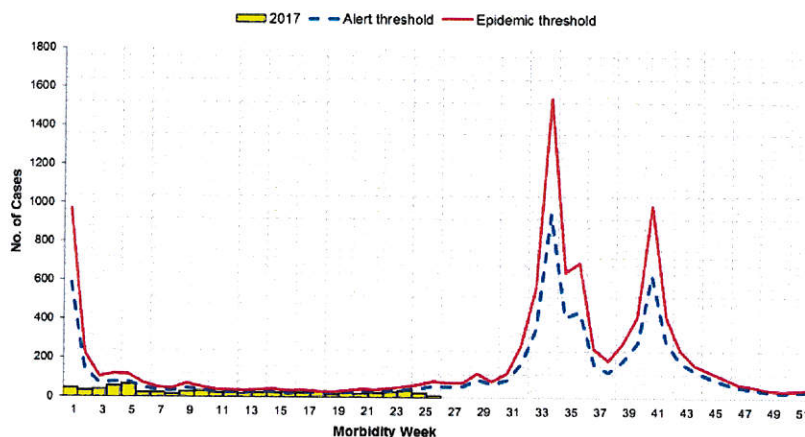


Fig. 2 Suspect Leptospirosis Cases by Region Philippines, 2017 vs 2016

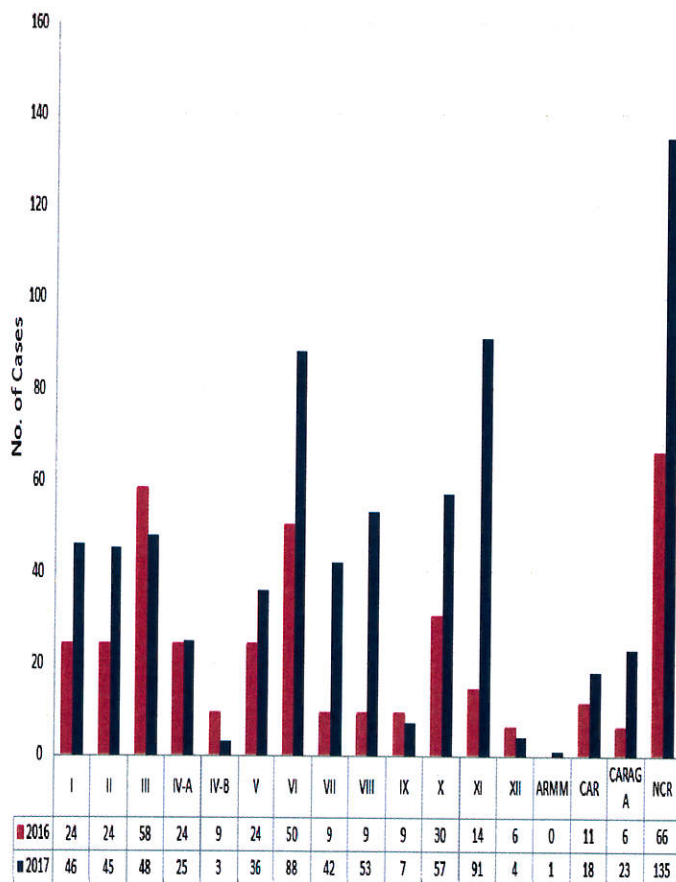
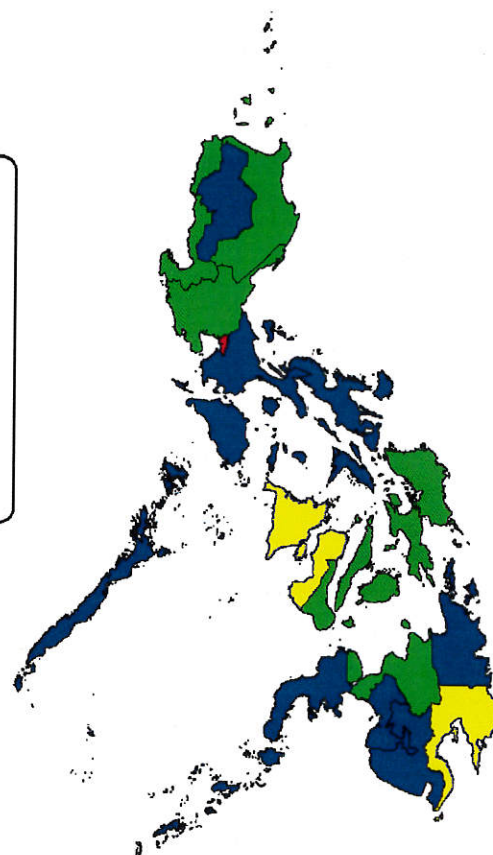


Fig. 3 Suspect Leptospirosis Cases by Region, Philippines, as of July 1, 2017 (N=722)

Region	Cases
I	46
II	45
III	48
IV-A	25
IV-B	3
V	36
VI	88
VII	42
VIII	53
IX	7
X	57
XI	91
XII	4
ARMM	1
CAR	18
CARAGA	23
NCR	135
PHILIPPINES	722

Legend - Cases
No Reported Cases
1.04 - 10.50
40.51 - 60.00
60.01 - 101.50
101.51 +



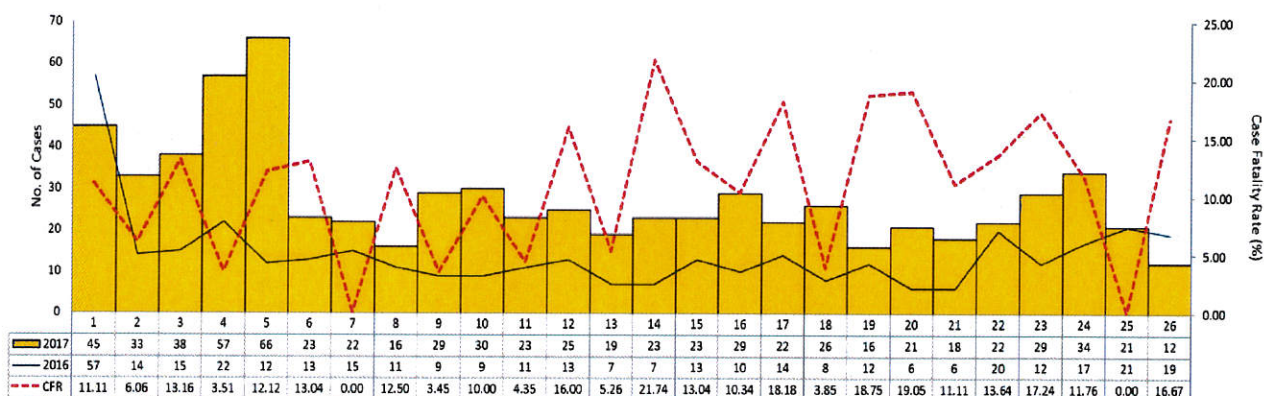
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**Fig. 4 Suspect Leptospirosis Cases by Morbidity Week, Philippines, as of July 1, 2017
2017 vs 2016 (N=722)**



Profile of Cases

Ages of cases ranged from less than 1 to 76 years old (median = 30 years). Majority (87.1%) of cases were male. Most (14.1%) of the cases belonged to the age group of 25-29 years old (Fig. 5). There were 76 deaths (CFR = 10.53%). The 50-54 age group (Fig. 6) has the highest CFR (20.00%).

Fig. 5 Suspect Leptospirosis Cases by Agegroup and Sex Philippines, as of July 1, 2017 (N=722)

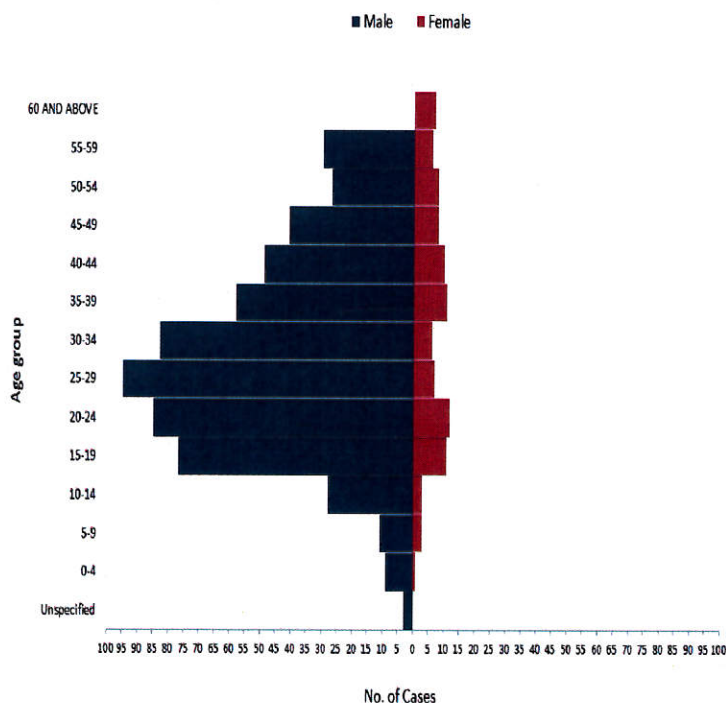
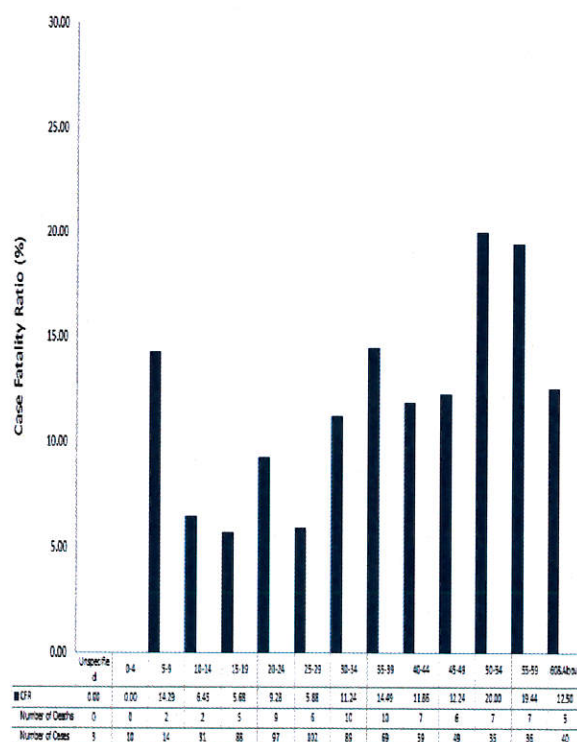


Fig. 6 Suspect Leptospirosis Case Fatality Rate (CFR) by Age Group, Philippines, as of July 1, 2017 (n=76)



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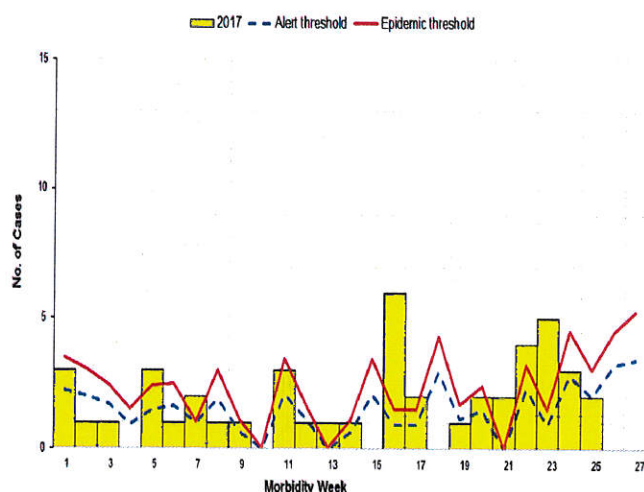
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**Table 1. Suspect Leptospirosis Cases & Deaths by Region
 Philippines, 2017 vs 2016**

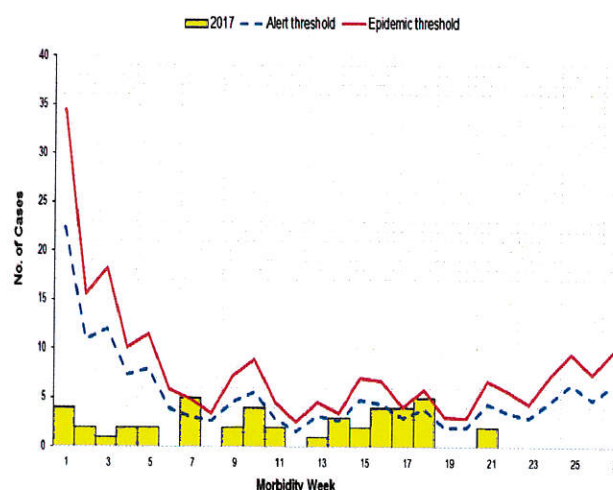
Region	Cases			Deaths			
	2017	2016	% Change	2017	CFR (%)	2016	CFR (%)
I	46	24	91.7	9	19.57	6	25.00
II	45	24	87.5	2	4.44	1	4.17
III	48	58	-17.2	6	12.50	3	5.17
IV-A	25	24	4.2	4	16.00	2	8.33
IV-B	3	9	-66.7	0	0.00	0	0.00
V	36	24	50.0	2	5.56	1	4.17
VI	88	50	76.0	8	9.09	7	14.00
VII	42	9	366.7	7	16.67	4	44.44
VIII	53	9	488.9	8	15.09	0	0.00
IX	7	9	-22.2	2	28.57	1	11.11
X	57	30	90.0	2	3.51	1	3.33
XI	91	14	550.0	5	5.49	3	21.43
XII	4	6	-33.3	0	0.00	2	33.33
ARMM	1	0	0.0	0	0.00	0	0.00
CAR	18	11	63.6	2	11.11	0	0.00
CARAGA	23	6	283.3	2	8.70	0	0.00
NCR	135	66	104.5	17	12.59	9	13.64
Total	722	373	93.6	76	10.53	40	10.72

Figures 7-23. Leptospirosis Alert and Epidemic Thresholds per Region as of July 1, 2017

**Fig. 7 Suspect Leptospirosis Cases by Morbidity Week
 Region I, as of July 1, 2017 (n=46)**



**Fig. 8 Suspect Leptospirosis Cases by Morbidity Week
 Region II, as of July 1, 2017 (n=45)**



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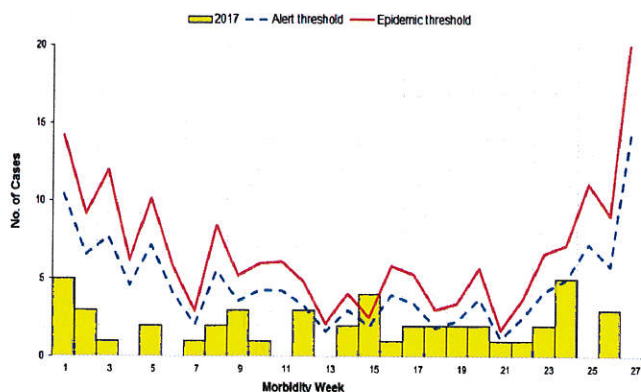


Leptospirosis Cases

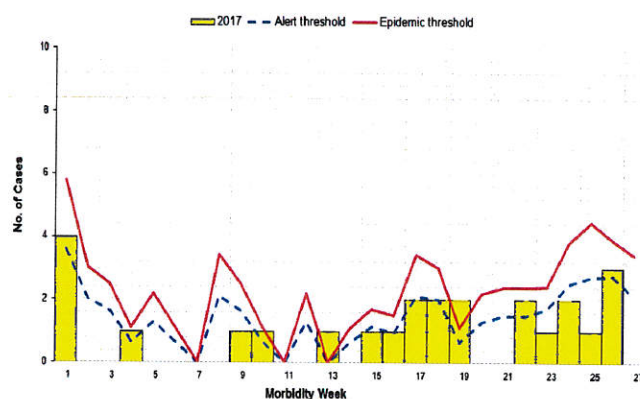
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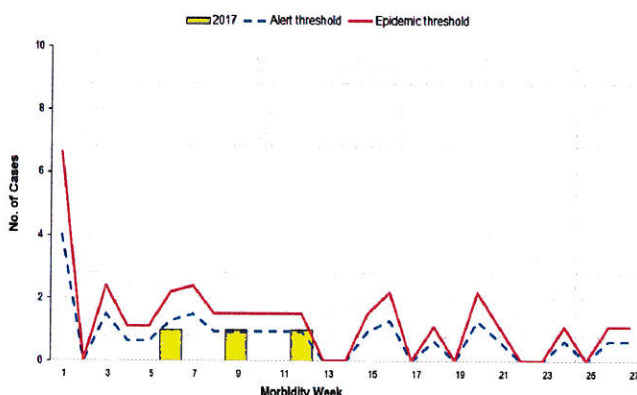
**Fig. 9 Suspect Leptospirosis Cases by Morbidity Week
Region III, as of July 1, 2017 (n=48)**



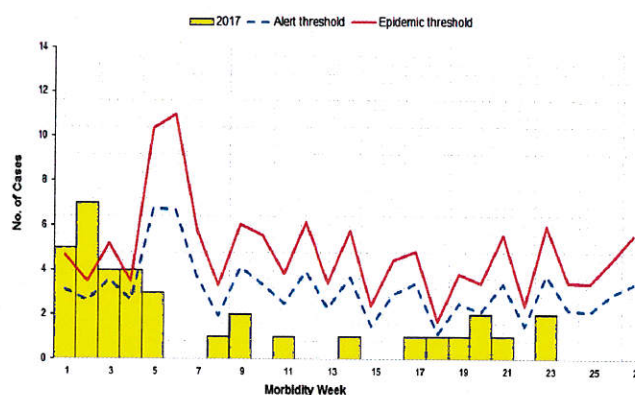
**Fig. 10 Suspect Leptospirosis Cases by Morbidity Week
Region IV-A, as of July 1, 2017 (n=25)**



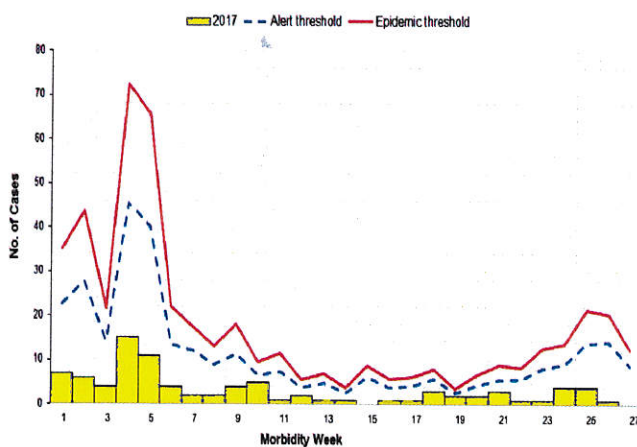
**Fig. 11 Suspect Leptospirosis Cases by Morbidity Week
Region IV-B, as of July 1, 2017 (n=3)**



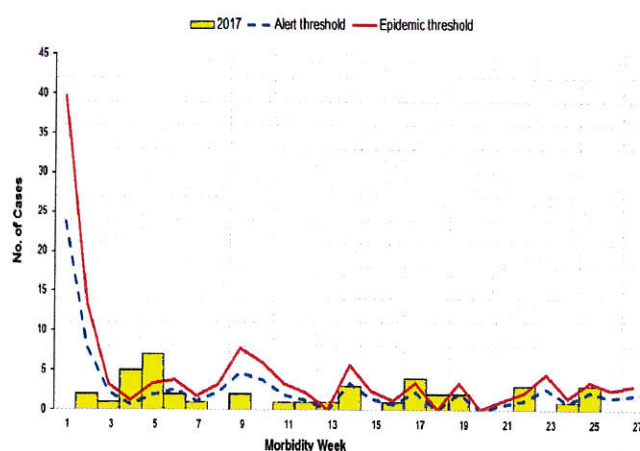
**Fig. 12 Suspect Leptospirosis Cases by Morbidity Week
Region V, as of July 1, 2017 (n=36)**



**Fig. 13 Suspect Leptospirosis Cases by Morbidity Week
Region VI, as of July 1, 2017 (n=88)**



**Fig. 14 Suspect Leptospirosis Cases by Morbidity Week
Region VII, as of July 1, 2017 (n=42)**



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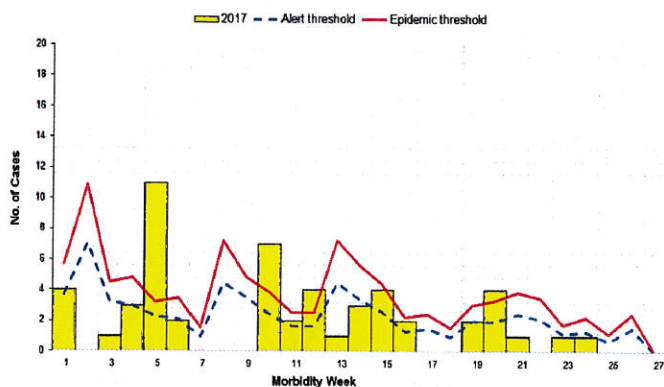


Leptospirosis Cases

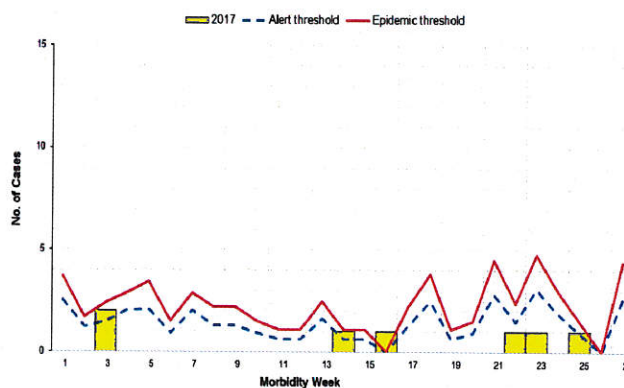
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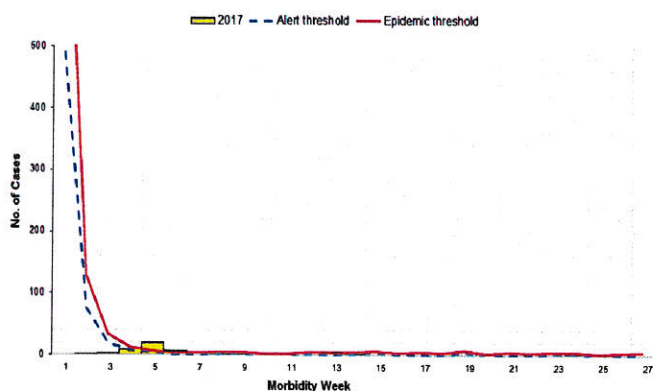
**Fig. 15 Suspect Leptospirosis Cases by Morbidity Week
Region VIII, as of July 1, 2017 (n=53)**



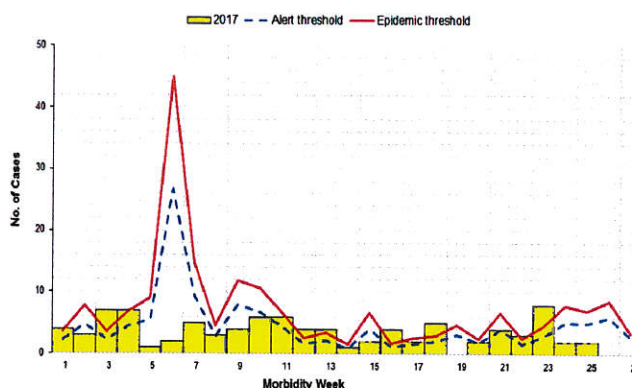
**Fig. 16 Suspect Leptospirosis Cases by Morbidity Week
Region IX, as of July 1, 2017 (n=7)**



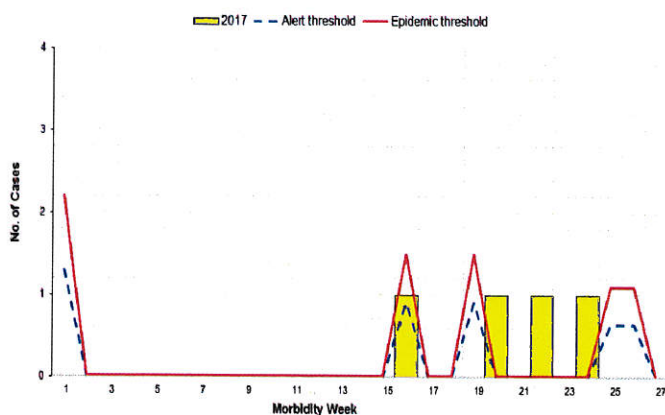
**Fig. 17 Suspect Leptospirosis Cases by Morbidity Week
Region X, as of July 1, 2017 (n=57)**



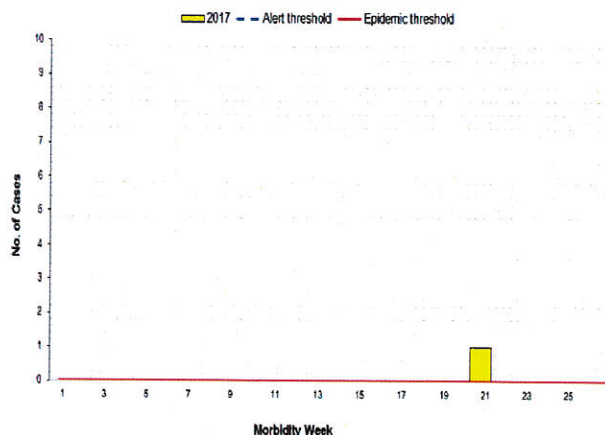
**Fig. 18 Suspect Leptospirosis Cases by Morbidity Week
Region XI, as of July 1, 2017 (n=91)**



**Fig. 19 Suspect Leptospirosis Cases by Morbidity Week
Region XII, as of July 1, 2017 (n=4)**



**Fig. 20 Suspect Leptospirosis Cases by Morbidity Week
ARMM, as of July 1, 2017 (n=1)**



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Fig. 21 Suspect Leptospirosis Cases by Morbidity Week
CAR, as of July 1, 2017 (n=18)

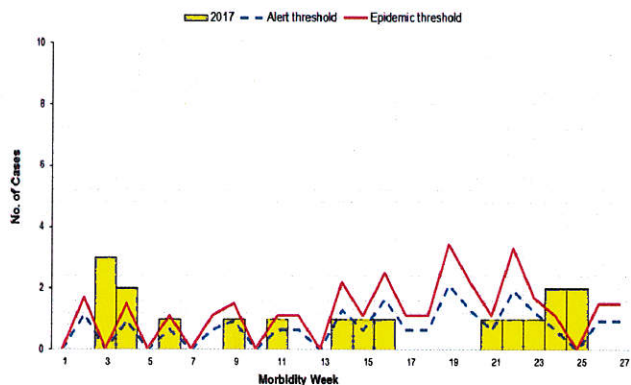


Fig. 22 Suspect Leptospirosis Cases by Morbidity Week
CARAGA, as of July 1, 2017 (n=23)

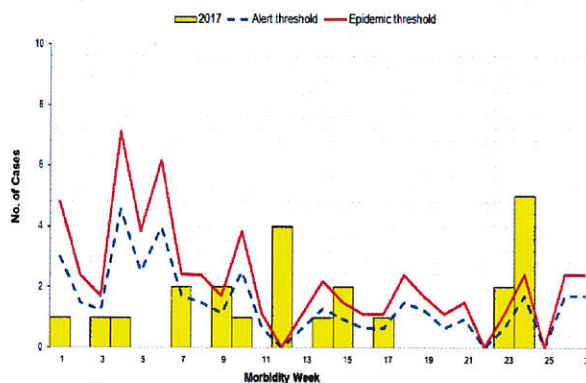
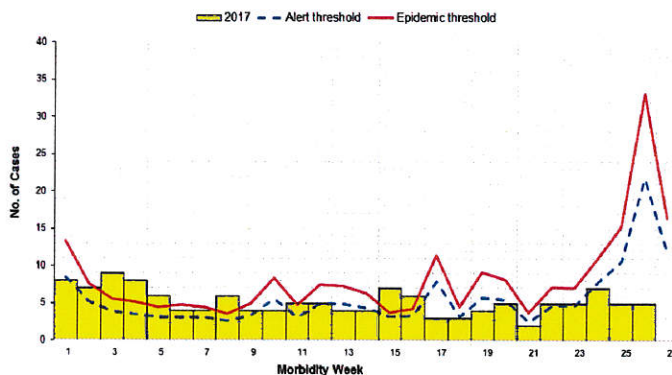


Fig. 23 Suspect Leptospirosis Cases by Morbidity Week
NCR, as of July 1, 2017 (n=135)



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