



### TREND IN THE PHILIPPINES

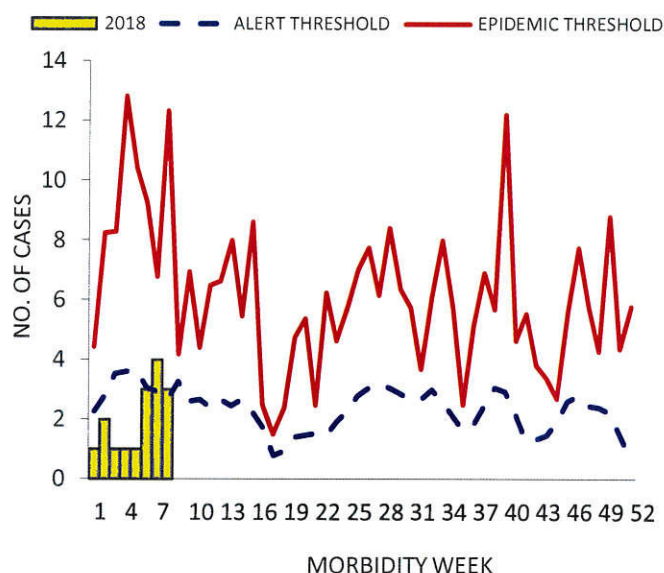
A total of 16 diphtheria cases were reported nationwide from January 1 – March 3, 2018. This is 65.96% lower compared to the same period last year (47 cases). Figure 1 shows the distribution of the reported diphtheria cases in the country by morbidity week.

### GEOGRAPHIC DISTRIBUTION

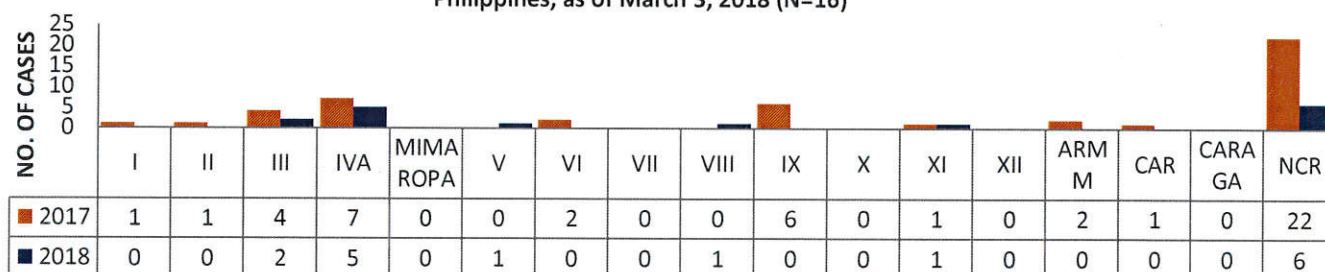
The number of diphtheria cases vary by region. Figure 2 shows the distribution of reported diphtheria cases by region in comparison to the same time period last year.

Table 1 indicates the reported diphtheria cases by region in the Philippines. Seven (43.75%) cases were confirmed out of the 16 cases. Among the reported cases, 7 cases have died with a CFR of 43.75%. Majority of the reported diphtheria cases came from NCR (6, 37.50%) followed by Region 4A (5, 31.25%) and Region 3 (2, 12.50%). (See Annex A for case distribution by Barangay). There were no diphtheria clusters<sup>(1)</sup> identified as of March 3, 2018.

**Fig. 1 Alert and Epidemic Thresholds and Reported Diphtheria Cases by Morbidity Week, Philippines, as of March 3, 2018 (N=16)**



**Fig. 2 Reported Diphtheria Cases by Region and 2017 vs 2018, Philippines, as of March 3, 2018 (N=16)**



**Table 1. Case Classification and Outcome of Reported Diphtheria Cases by Region, Philippines, as of March 3, 2018 (N=16)**

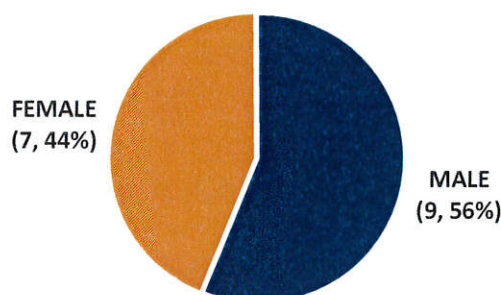
REGION	Case Classification		Reported Cases	Deaths	CFR %
	Confirmed Cases	Probable Cases			
I	0	0	0	0	-
II	0	0	0	0	-
III	1	1	2	1	50.00
IVA	1	4	5	1	20.00
MIMAROPA	0	0	0	0	-
V	0	1	1	1	100.00
VI	0	0	0	0	-
VII	0	0	0	0	-
VIII	0	1	1	0	0.00
IX	0	0	0	0	-
X	0	0	0	0	-
XI	0	1	1	1	100.00
XII	0	0	0	0	-
ARMM	0	0	0	0	-
CAR	0	0	0	0	-
CARAGA	0	0	0	0	-
NCR	5	1	6	3	50.00
<b>PHILIPPINES</b>	<b>7</b>	<b>9</b>	<b>16</b>	<b>7</b>	<b>43.75</b>



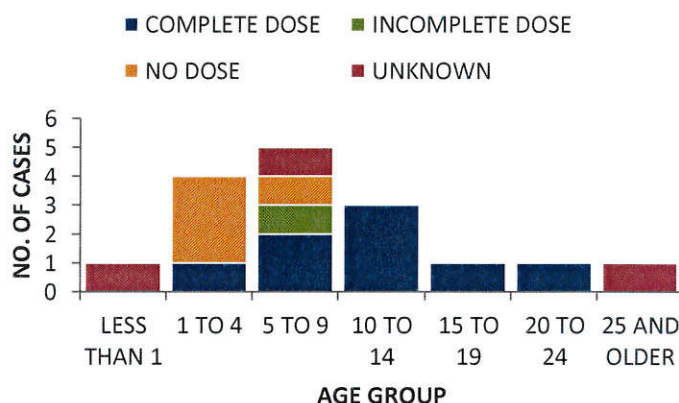
### PROFILE OF CASES

There are **9 males and 7 females** among the reported diphtheria cases. Most (31.25%) of the cases belonged to the **5 to 9 year old** age group (Figure 4). Immunization status of half (50%) of the reported cases received complete primary doses of the DPT/Pentavalent vaccine. Four (25.00%) of the did not receive a dose of the DPT/Pentavalent vaccine, 3 (18.75%) had unknown vaccination status while 1 (6.25%) received an incomplete dose of the vaccine.

**Fig. 3. Reported Diphtheria Cases by Age Group and Sex, Philippines, as of March 3, 2018 (N=16)**



**Fig. 4. Reported Diphtheria Cases by Vaccination Status and Age Group, Philippines, as of March 3, 2018 (N=16)**



### Standard Case Definition of Diphtheria:

#### • Probable Case:

- A person with an illness of the upper respiratory tract characterized by laryngitis or pharyngitis or tonsillitis, and adherent membranes on tonsils, pharynx and/or nose.

#### • Confirmed Case:

- A probable case that is laboratory confirmed or linked epidemiologically to a laboratory-confirmed case.

**Note:** Persons with positive *Corynebacterium diphtheriae* cultures who do not meet the clinical description (i.e. asymptomatic carriers) should not be reported as probable or confirmed diphtheria cases.

#### Editorial Board

IRMA L. ASUNCION, MD, MHA, CESO III  
Director IV, Epidemiology Bureau

GENESIS MAY J. SAMONTE, MD, MSc, PHSAE  
OIC-Division Chief, PHSD

MARIEL A. DEJESA, MD, MPM  
Medical Officer IV, PHSD

JUNE CANTATA B. CORPUZ, RN  
Nurse III, PIDSR National Coordinator

JEZZA JONAH D. CRUCENA, RN  
Nurse III, VPDS National Coordinator





**ANNEX A. REPORTED DIPHTHERIA CASES BY CASE CLASSIFICATION AND BARANGAY**

REPORTED DIPHTHERIA CASES, PHILIPPINES, JANUARY 1 - MARCH 3, 2018 (N=16)						
REGION	PROVINCE	MUNICIPALITY/ CITY	BARANGAY	CONFIRMED CASES	PROBABLE CASES	REPORTED CASES
03	BULACAN	SANTA MARIA	GUYONG	0	1	1
	NUEVA ECIJA	CUYAPO	DISTRICT II (POB. II)	1	0	1
04A	CAVITE	DASMARIÑAS	SAMPALOC IV	0	1	1
			VICTORIA REYES	0	1	1
	LAGUNA	SAN PABLO CITY	BARANGAY II-D (POB.)	0	1	1
		SANTA ROSA	DITA	0	1	1
	RIZAL	ANTIPOLO CITY	CUPANG	1	0	1
05	CAMARINES SUR	PILI	NEW SAN ROQUE	0	1	1
08	LEYTE	JAVIER	COMATIN	0	1	1
11	DAVAO DEL NORTE	PANABO CITY	NEW VISAYAS	0	1	1
NCR	METRO MANILA	CALOOCAN CITY	BARANGAY 12	1	0	1
		MANILA	BARANGAY 297	1	0	1
			BARANGAY 649	1	0	1
		PASAY CITY	BARANGAY 145	0	1	1
		PASIG CITY	PINAGBUHATAN	1	0	1
		QUEZON CITY	BAHAY TORO	1	0	1
<b>PHILIPPINES</b>				<b>7</b>	<b>9</b>	<b>16</b>