



January 1 – July 1, 2017

Epidemiology Bureau
Public Health Surveillance Division

TRENDS IN THE PHILIPPINES

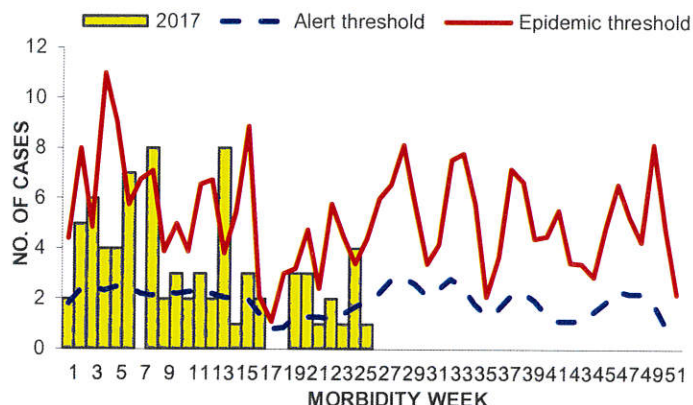
A total of 77 diphtheria cases were reported nationwide from January 1 – July 1, 2017. This is 37.5% higher compared to the same period last year (56 cases). Figure 1 shows the distribution of the reported diphtheria cases in the country by morbidity week.

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. There is an increase in the number of reported cases from regions 4A, 4B, 6, 9, 11, CAR and NCR and a sustained presence of diphtheria cases in regions 1, 3, and ARMM.

Table 1 indicates the reported diphtheria cases by region in the Philippines. Majority of the reported diphtheria cases came from NCR (40%) and Region 9 (18%). (See Annex A for case distribution by Barangay)

Fig. 1 Alert and Epidemic Thresholds and Reported Diphtheria Cases by Morbidity Week, Philippines, as of July 1, 2017 (N=77)



One diphtheria cluster⁽¹⁾ were identified as of July 1, 2017. No new cluster⁽¹⁾ diphtheria cases identified within the past 4 Morbidity Weeks. (See Annex B for case distribution by Cluster⁽¹⁾)

Fig. 2 Reported Diphtheria Cases by Region and 2016 vs 2017, Philippines, as of July 1, 2017 (N=77)

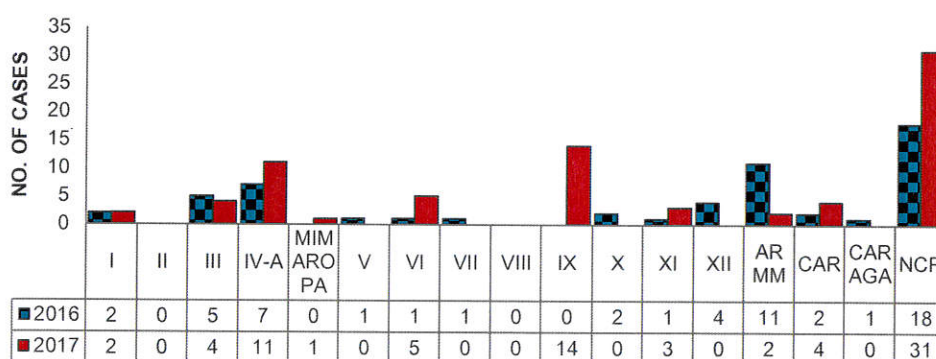


Table 1. Case Classification of Reported Diphtheria Cases by Region and Outcome, Philippines, as of July 1, 2017 (N=77)

REGION	Case Classification		Reported Cases	Died	CFR %
	Confirmed Cases	Probable Cases			
I	0	2	2	0	0.00
II	0	0	0	0	0.00
III	3	1	4	1	25.00
IV-A	2	9	11	3	27.27
MIMAROPA	0	1	1	1	100.00
V	0	0	0	0	0.00
VI	0	5	5	2	40.00
VII	0	0	0	0	0.00
VIII	0	0	0	0	0.00
IX	6	8	14	4	28.57
X	0	0	0	0	0.00
XI	1	2	3	2	66.67
XII	0	0	0	0	0.00
ARMM	0	2	2	1	50.00
CAR	0	4	4	0	0.00
CARAGA	0	0	0	0	0.00
NCR	13	18	31	4	12.90
PHL	25	52	77	18	23.38



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PROFILE OF CASES

As shown in figure 3, there are **46 males and 31 females** and most (34%) of them belonged to the 1 to 4 year old age group. Immunization status of 29 (38%) of reported cases were unknown while 26 (34%) of reported cases received complete dose of DPT/pentavalent vaccine (Figure 4). Eighteen (23%) of the reported diphtheria cases have died (Figure 5).

Fig. 3 Reported Diphtheria Cases by Age Group and Sex, Philippines, as of July 1, 2017 (N=77)

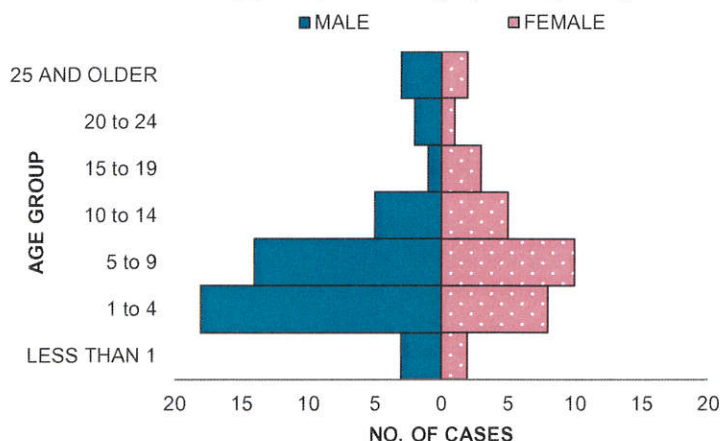


Fig. 4 Reported Diphtheria Cases by DPT Doses and Age Group, Philippines, as of July 1, 2017 (N=77)

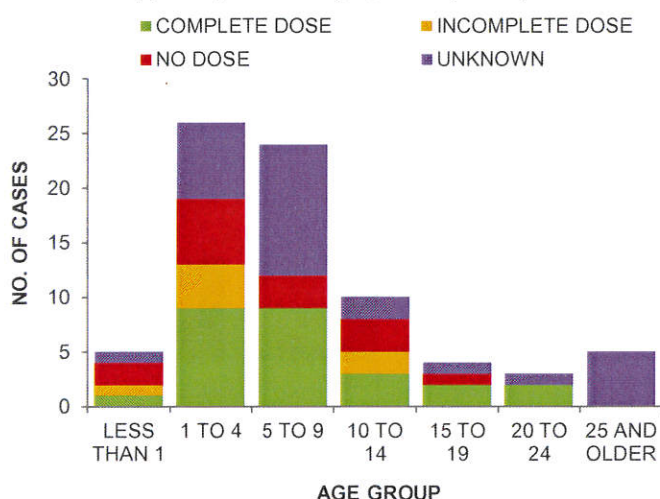


Fig. 5 Reported Diphtheria Cases by Outcome, Philippines, as of July 1, 2017 (N=77)



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.



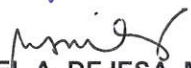
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ANNEX A. REPORTED DIPHTHERIA CASES BY CASE CLASSIFICATION AND BARANGAY

REPORTED DIPHTHERIA CASES PHILIPPINES, JANUARY 1 - JULY 1, 2017 (N=77)						
REGION	PROVINCE	MUNCITY	BARANGAY	CONFIRMED CASES	PROBABLE CASES	NO. OF CASES
01	PANGASINAN	ASINGAN	ARISTON ESTE	0	1	1
		VILLASIS	TOMBOD	0	1	1
03	BULACAN	MARILAO	LOMA DE GATO	1	0	1
		PULILAN	SANTA PEREGRINA	1	0	1
	NUEVA ECIJA	SCIENCE CITY OF MUÑOZ	POBLACION	1	0	1
	ZAMBALES	SAN MARCELINO	CONSUELO NORTE	0	1	1
04A	CAVITE	BACOR	MOLINO VI	0	1	1
			P.F. ESPIRITU V	1	0	1
		DASMARIÑAS	SANTO NIÑO II	0	1	1
		GENERAL TRIAS	MANGGAHAN	1	0	1
		SILANG	SILANG PROPER	0	1	1
	LAGUNA	LOS BAÑOS	SAN ANTONIO	0	1	1
		SAN PABLO CITY	SAN FRANCISCO	0	1	1
		SANTA ROSA	UNSPECIFIED	0	1	1
	QUEZON	LOPEZ	MAL-AY	0	1	1
		LUCENA CITY	DALAHICAN	0	1	1
	RIZAL	ANTIPOLO CITY	SAN ROQUE (POB.)	0	1	1
MIMAROPA	OCCIDENTAL MINDORO	LUBANG	MALIIG	0	1	1
06	ANTIQUE	SIBALOM	UNSPECIFIED	0	1	1
	ILOILO	ILOILO CITY	SANTA CRUZ	0	1	1
		LEGANES	POBLACION	0	1	1
		SAN DIONISIO	SAN NICOLAS	0	1	1
	NEGROS OCCIDENTAL	TALISAY CITY	ZONE 10 (POB.)	0	1	1
09	BASILAN	ISABELA CITY	SEASIDE (POB.)	0	1	1
	ZAMBOANGA DEL NORTE	LABASON	ANTONINO (POB.)	0	1	1
	ZAMBOANGA DEL SUR	ZAMBOANGA CITY	CAWIT	2	0	2
			LABUAN	1	0	1
			MAMPANG	1	1	2
			PASONANCA	1	0	1
			SAN ROQUE	0	1	1
			SANTA CATALINA	1	0	1
			TALISAYAN	0	1	1
			TALON-TALON	0	1	1
			TETUAN	0	1	1
			TIGTABON	0	1	1
11	DAVAO DEL SUR	DAVAO CITY	BUNAWAN (POB.)	0	1	1
			LUBOGAN	0	1	1
			MA-A	1	0	1
ARMM	MAGUINDANAO	BULUAN	UNSPECIFIED	0	1	1
		SHARIFF AGUAK	LABU-LABU	0	1	1
CAR	BENGUET	BAGUIO CITY	HOLY GHOST EXTENSION	0	1	1
			SAN LUIS VILLAGE	0	1	1
		TUBA	TWIN PEAKS	0	1	1
	IFUGAO	KIANGAN	HUCAB	0	1	1



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

REPORTED DIPHTHERIA CASES PHILIPPINES, JANUARY 1 - JULY 1, 2017 (N=77)						
REGION	PROVINCE	MUNCITY	BARANGAY	CONFIRMED CASES	PROBABLE CASES	NO. OF CASES
NCR	METRO MANILA	CALOOCAN CITY	176-PH8A	1	0	1
			BARANGAY 105	1	0	1
		LAS PIÑAS CITY	MANUYO UNO	0	1	1
		MAKATI CITY	PIO DEL PILAR	0	1	1
		MALABON CITY	BARITAN	0	1	1
			CONCEPCION	0	1	1
			LONGOS	1	0	1
		MANDALUYONG CITY	ADDITION HILLS	1	0	1
		MANILA	BARANGAY 1	1	0	1
			BARANGAY 106	0	1	1
			BARANGAY 390	1	0	1
			PACO	1	0	1
		MUNTINLUPA CITY	ALABANG	0	1	1
		NAVOTAS	SAN ROQUE	0	1	1
		PARAÑAQUE CITY	MARCELO GREEN	0	1	1
			SAN ANTONIO	0	1	1
		PASAY CITY	BARANGAY 55	0	1	1
		PASIG CITY	ROSARIO	0	1	1
		QUEZON CITY	COMMONWEALTH	1	0	1
			HOLY SPIRIT	0	1	1
			MARIANA	0	1	1
			NOVALICHES PROPER	1	0	1
			SALVACION	1	0	1
			SAN ISIDRO	0	1	1
		TAGUIG CITY	BAGONG TANYAG	0	1	1
			BARANGAY 31	0	1	1
			IBAYO-TIPAS	0	1	1
			LOWER BICUTAN	1	0	1
			USUSAN	0	1	1
		VALENZUELA CITY	MALANDAY	1	0	1
			MARULAS	1	0	1
PHILIPPINES				25	52	77

ANNEX B. CLUSTER⁽¹⁾ OF DIPHTHERIA CASES

MORBIDITY WEEK	REGION	PROVINCE	MUNCITY	BARANGAY	NO. OF CASES
4-6	09	ZAMBOANGA DEL SUR	ZAMBOANGA CITY	CAWIT	2