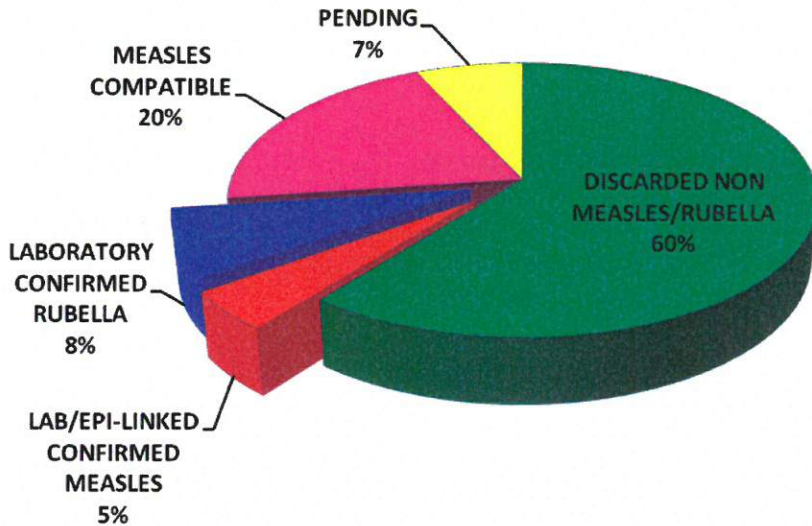




**Measles-Rubella Distribution**

A total of 964 suspect measles cases were reported nationwide from January 1 to July 2, 2016. Among the suspect measles cases, 706 were tested. Of the reported cases, 44 (5%) were classified as confirmed measles cases, may it be laboratory confirmed measles or epi-linked confirmed measles and 75 (8%) were classified as laboratory confirmed rubella (see Figure 1).

**FIGURE 1. DISTRIBUTION OF REPORTED MEASLES-RUBELLA CASES, PHILIPPINES, JANUARY 1 - JULY 2, 2016 (N=964)**



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**TABLE 1. MEASLES AND RUBELLA CASES BY REGION PHILIPPINES, JANUARY 1 – JULY 2, 2016 (N=964)**

REGION	REPORTED	TESTED	CONFIRMED MEASLES	CONFIRMED RUBELLA	DISCARDED	MEASLES COMPATIBLE	PENDING
1	73	38	3	3	32	34	1
2	39	28	1	0	28	5	5
3	58	47	2	3	42	8	3
4A	96	71	4	5	61	19	7
4B	26	11	0	1	10	10	5
5	15	14	2	0	11	1	1
6	178	171	2	44	124	7	1
7	48	46	9	2	34	1	2
8	39	2	0	0	2	32	5
9	50	32	11	0	22	9	8
10	80	38	1	2	35	26	16
11	47	37	0	4	32	6	5
12	39	38	1	1	36	1	0
ARMM	6	1	0	0	1	2	3
CAR	44	38	3	2	33	6	0
CRG	22	12	2	0	10	10	0
NCR	104	82	3	8	70	19	4
<b>PHL</b>	<b>964</b>	<b>706</b>	<b>44</b>	<b>75</b>	<b>583</b>	<b>196</b>	<b>66</b>



**Identified Clusters of Confirmed Measles and Rubella Among Regions**

No new clusters identified after last week’s report. Below is the list of clusters identified since January 2016:

Morbidity Week	Disease	Region	Province	Muncity	Barangay	Place of Transmission	No. of Cases
12	Measles	Region 9	Zamboanga del Norte	Kalawit	Palalian	Community	6
2-5	Rubella	Region 6	Antique	Tobias Fornier	-	School	13
9-13							7

**Actions Taken in Regions with Identified Clusters of Confirmed Measles and Rubella:**

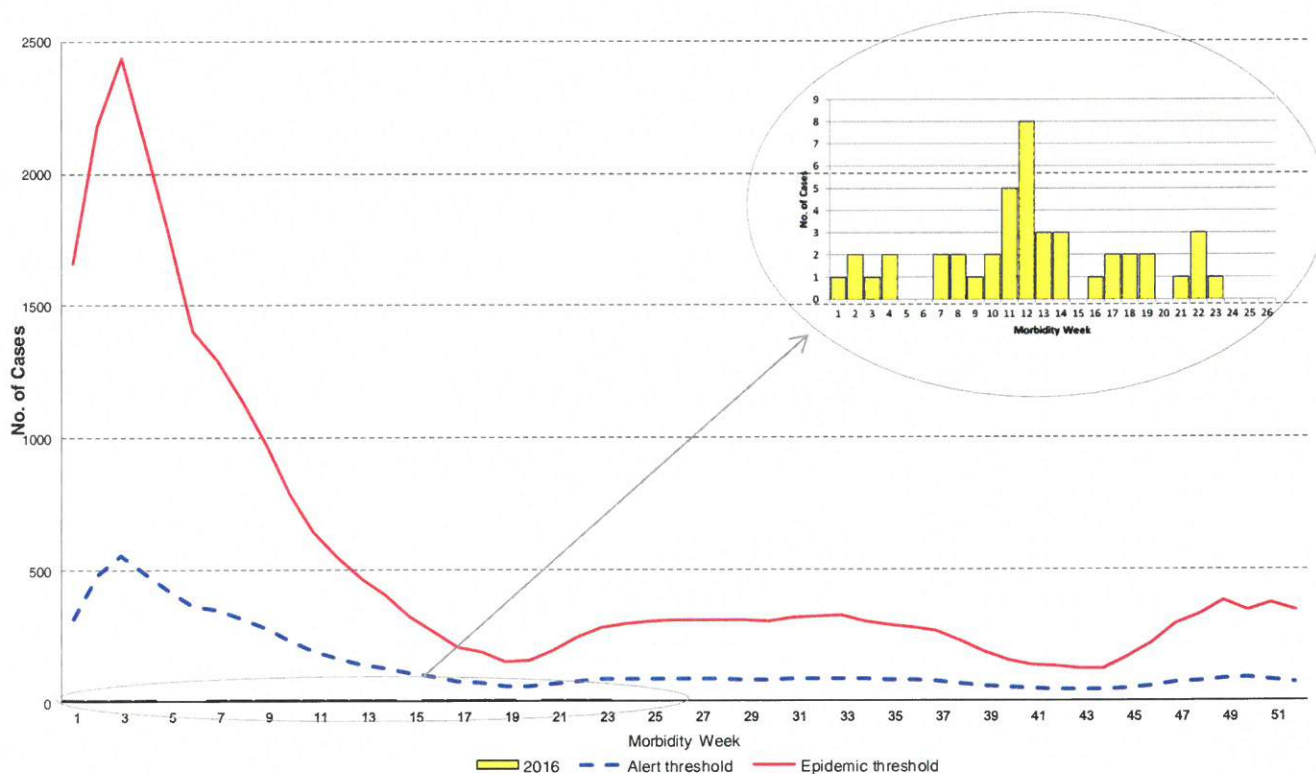
Region 9:

1. Mop-up immunization in the affected barangay and in neighboring barangays (April)
2. Active case finding and continuous monitoring

Region 6:

1. Coordination from municipal to regional levels
2. Immunization of close contacts and community catch-up immunization (March)
3. Contact tracing and continuous monitoring

**FIGURE 2. CONFIRMED MEASLES ALERT AND EPIDEMIC THRESHOLD PHILIPPINES, JANUARY 1 – JULY 2, 2016 (n=44)**



As shown in Figure 2, the country is still way below the alert and epidemic thresholds. Despite this fact, measles and rubella are still present, making the elimination goal still a challenge.

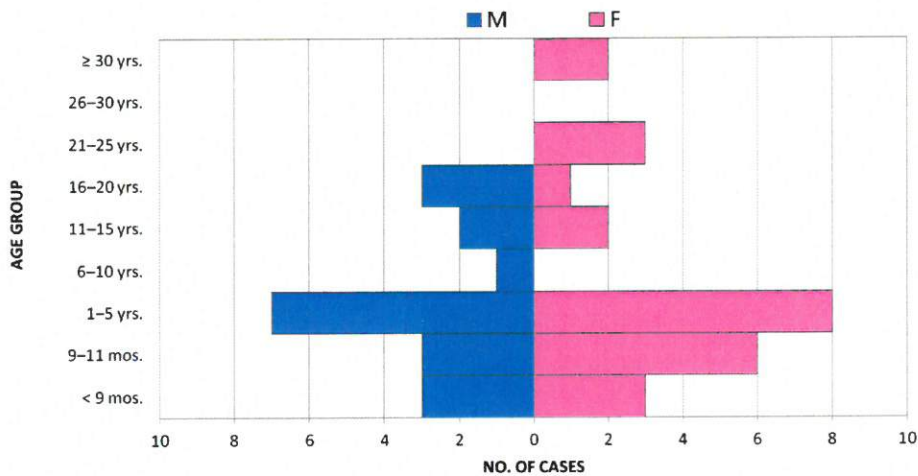
**Profile of Cases**

**Measles**

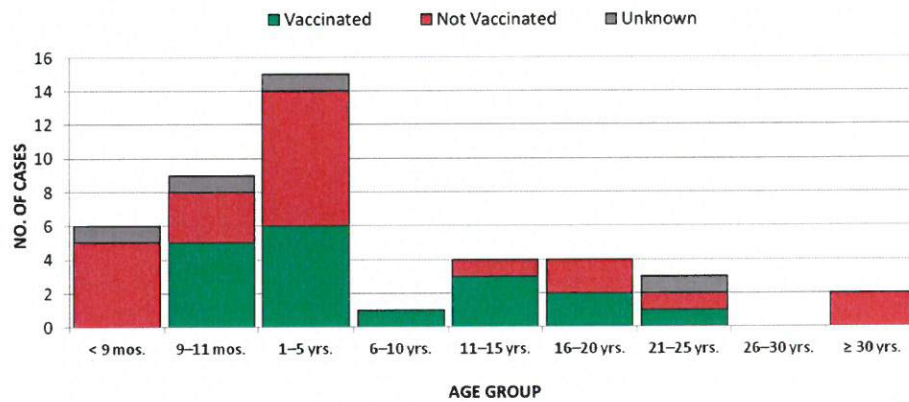
Fifty seven percent (57%) of the confirmed measles cases were female. Majority of the confirmed cases belonged to children aged 1 to 5 years old (34%) as shown in Figure 3. Among the confirmed measles cases, 22 (50%) were not vaccinated, 18 (41%) were vaccinated and 4 (9%) have an unknown vaccination status (Figure 4).



**FIGURE 3. CONFIRMED MEASLES CASES BY AGE GROUP AND SEX  
 PHILIPPINES, JANUARY 1-JULY 2, 2016 (n=44)**



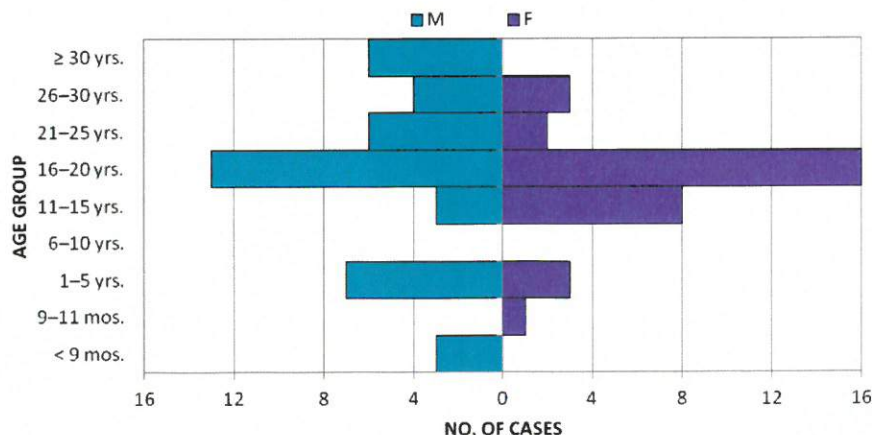
**FIGURE 4. IMMUNIZATION STATUS OF CONFIRMED MEASLES CASES BY AGE GROUP  
 PHILIPPINES, JANUARY 1-JULY 2, 2016 (n=44)**



**Rubella**

Fifty six percent (56%) of the confirmed rubella cases were male. Majority of the confirmed cases belonged to the young adult age group ranging from 16 to 20 years old (39%) as shown in Figure 5. Among the female confirmed rubella cases, there were 2 pregnant cases, both tested negative for measles and rubella IgM. (Pregnancy data source: CIF encoded by RITM)

**FIGURE 5. CONFIRMED RUBELLA CASES BY AGE GROUP AND SEX  
 PHILIPPINES, JANUARY 1-JULY 2, 2016 (n=75)**



NOTE: Case counts reported here do NOT represent the final number and are subject to change after inclusion of delayed reports and review of cases.

