



Morbidity Week 15: April 10-16, 2016

Epidemiology Bureau  
Public Health Surveillance Division

### Introduction

Influenza-like Illness, commonly called flu, is an acute viral disease of the respiratory tract characterized by fever, headache, myalgia, prostration, coryza, sore throat and even cough. The incubation period is usually 1-3 days.

Influenza-like Illness may be clinically indistinguishable from disease caused by acute respiratory viruses, such as common cold, croup, bronchiolitis, viral pneumonia and undifferentiated acute respiratory disease.

Disease transmission is through airborne spread among crowded populations in enclosed spaces wherein the influenza virus may persist for hours, particularly in the cold and in low humidity.

### Trend in the Philippines

This report summarizes PIDSR ILI surveillance activities nationwide. A total of **30,243** Influenza-like Illness cases were reported nationwide from January 1 to April 16, 2016. This is **20.1%** lower compared to the same time period last year (**37,844**).

### Geographic Distribution

Most of the cases were from the following regions: **Region IV-A** (14.10%), **Region XII** (13.34%), **CARAGA** (11.12%), **Region XI** (11.04%) and **Region I** (10.61%) (Fig. 5).

### Profile of Cases

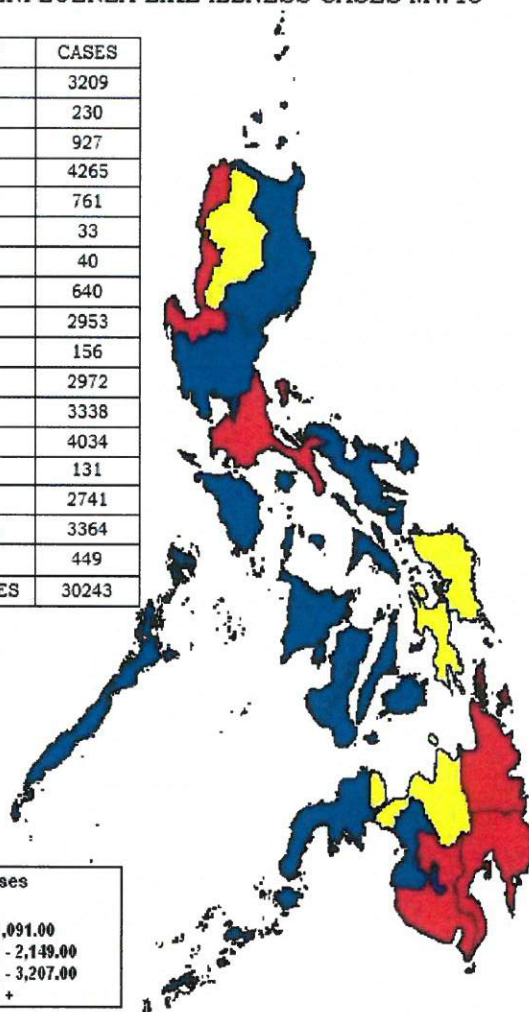
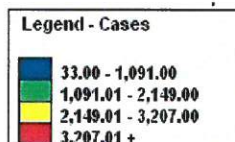
Ages of cases ranged from less than 1 month to 100 years old (median= 6 years). Majority of cases were male (50.4%). Most of the cases belonged to the 1 to 4 years age group (29.9%) (Fig. 3). There were 5 reported deaths (CFR=0.02%) (Fig. 4).

### Distribution of Influenza Type in the Philippines

Influenza type data are based on the samples collected from the suspected Influenza cases in all regions of the Philippines. Out of 30,243 cases, 601 (2%) cases were tested. Of the tested cases, 572 (95.2%) yielded negative, 1 (0.2%) with pending laboratory result and 28 (4.7%) were laboratory confirmed Influenza cases (Fig. 6). Out of the confirmed cases, (78.6%) were Influenza A (H1N1) pdm09 and (21.4%) were Influenza B (Fig.7).

INFLUENZA-LIKE ILLNESS CASES MW15

REGION	CASES
I	3209
II	230
III	927
IVA	4265
IVB	761
V	33
VI	40
VII	640
VIII	2953
IX	156
X	2972
XI	3338
XII	4034
ARMM	131
CAR	2741
CARAGA	3364
NCR	449
PHILIPPINES	30243





Morbidity Week 15: April 10-16, 2016

Epidemiology Bureau  
Public Health Surveillance Division

Fig. 1 Distribution of Influenza-like Illness Cases by Morbidity Week  
Philippines, as of April 16, 2016 (N=30,243)

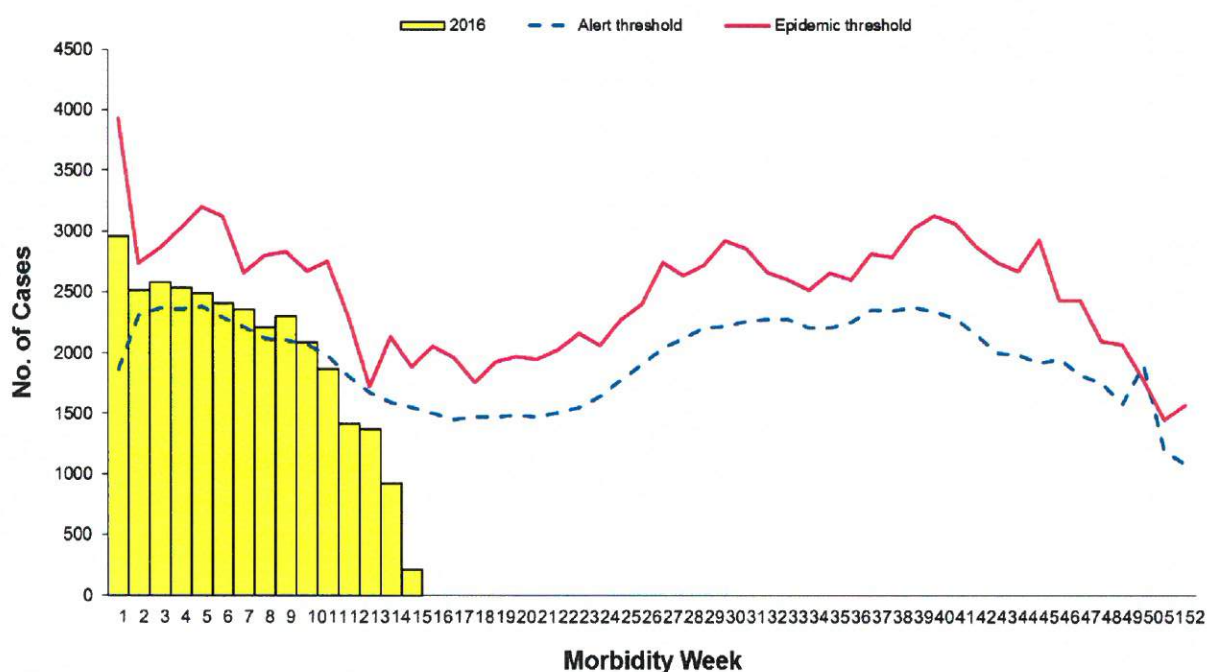
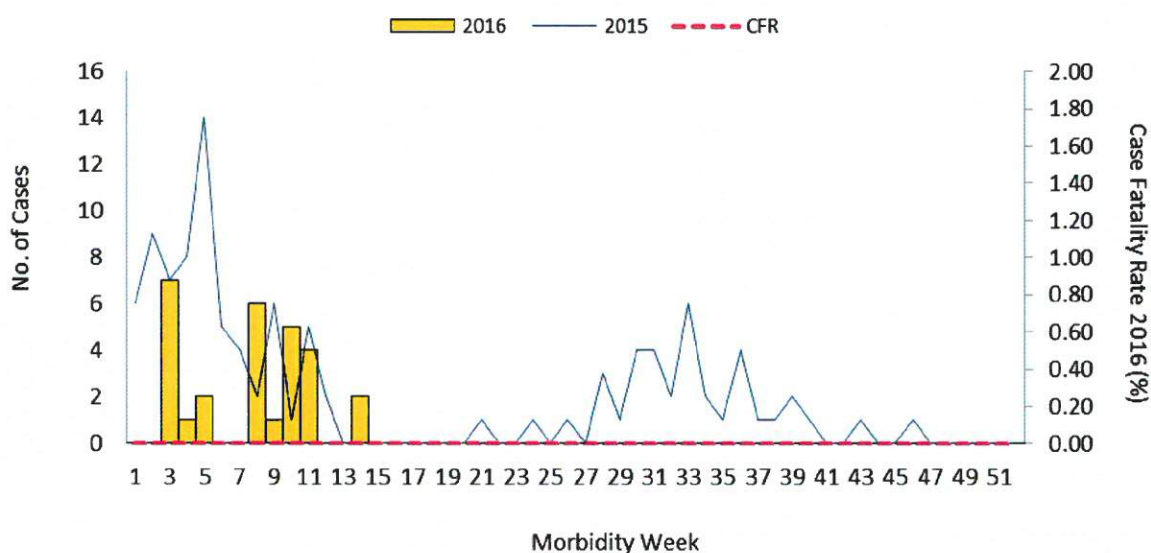


Fig. 2 Influenza Cases by Morbidity Week,  
Philippines, as of April 16, 2016  
2016\* vs 2015 (n=28)



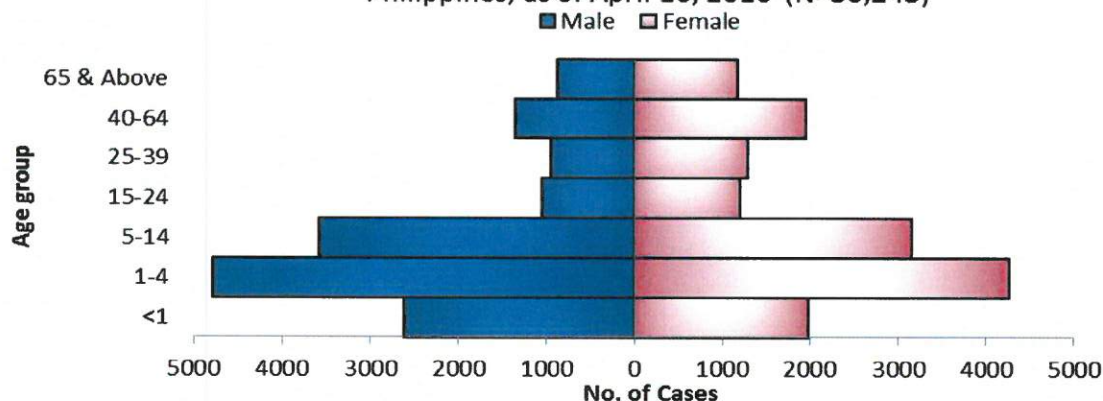
\*NOTE: Case counts reported here do NOT represent the final number and are subject to change after inclusion of delayed reports and review of cases.



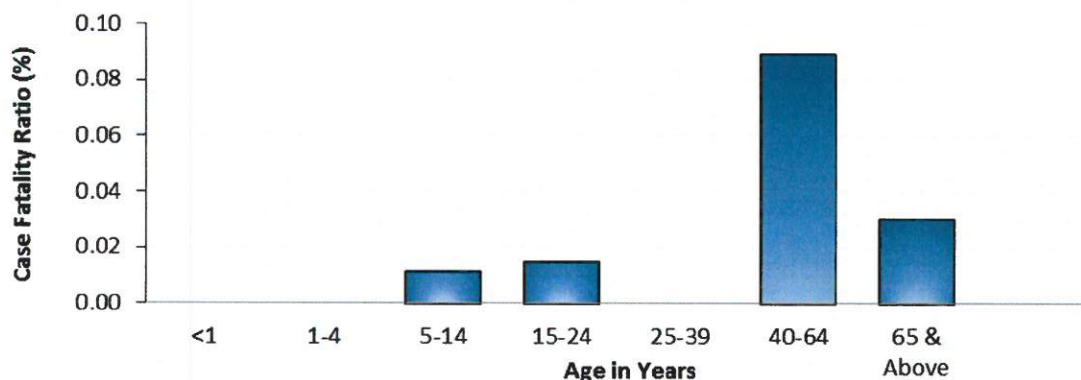
Morbidity Week 15: April 10-16, 2016

Epidemiology Bureau  
 Public Health Surveillance Division

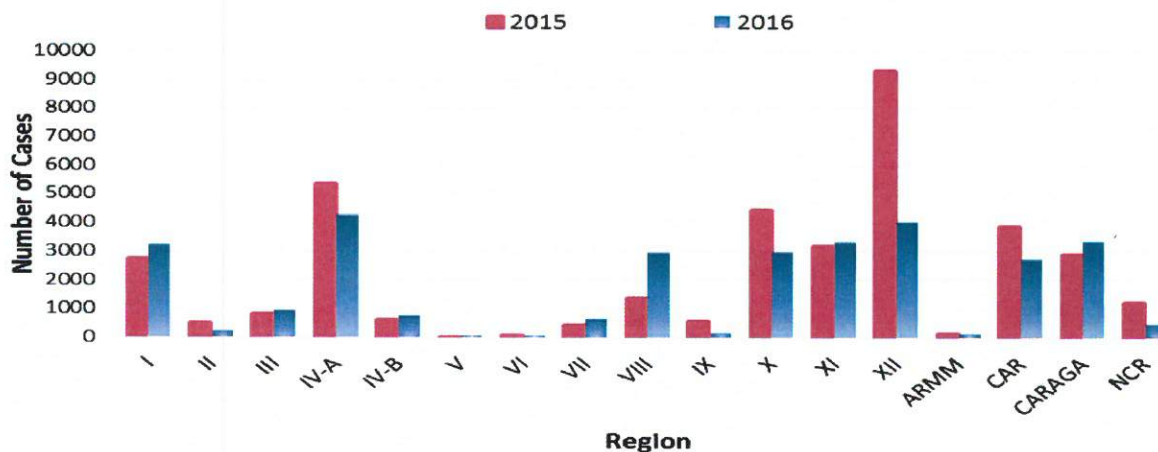
**Fig. 3 Influenza-like Illness Cases by Agegroup and Sex**  
 Philippines, as of April 16, 2016 (N=30,243)



**Fig. 4 Influenza-like Illness Case Fatality Rate (CFR) by Age Group,**  
 Philippines, as of April 16, 2016



**Fig. 5 Influenza-like Illness Cases by Region**  
 Philippines, 2016\* vs 2015



*\*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.*

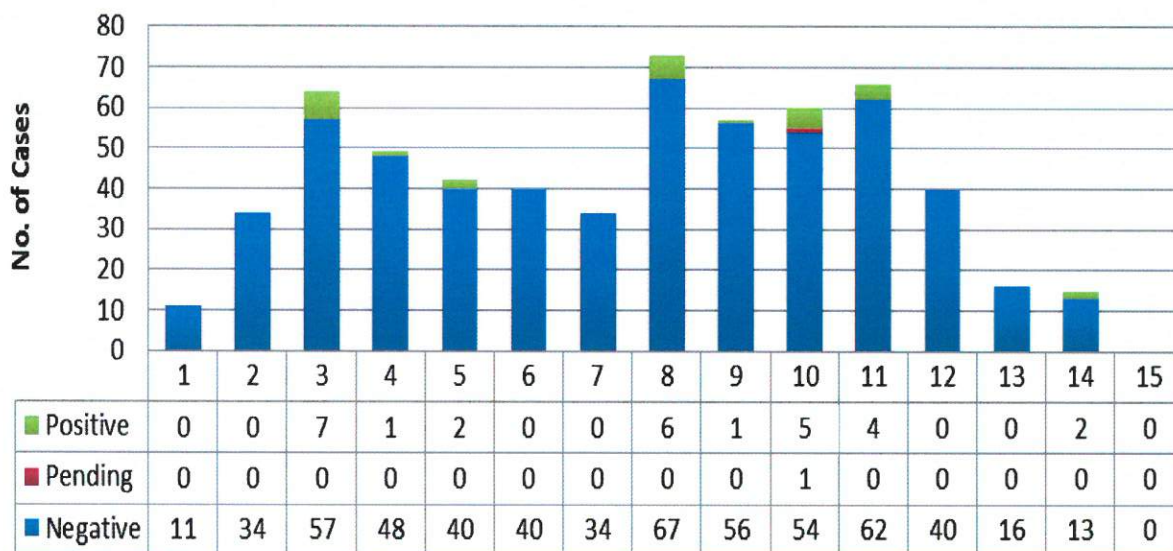




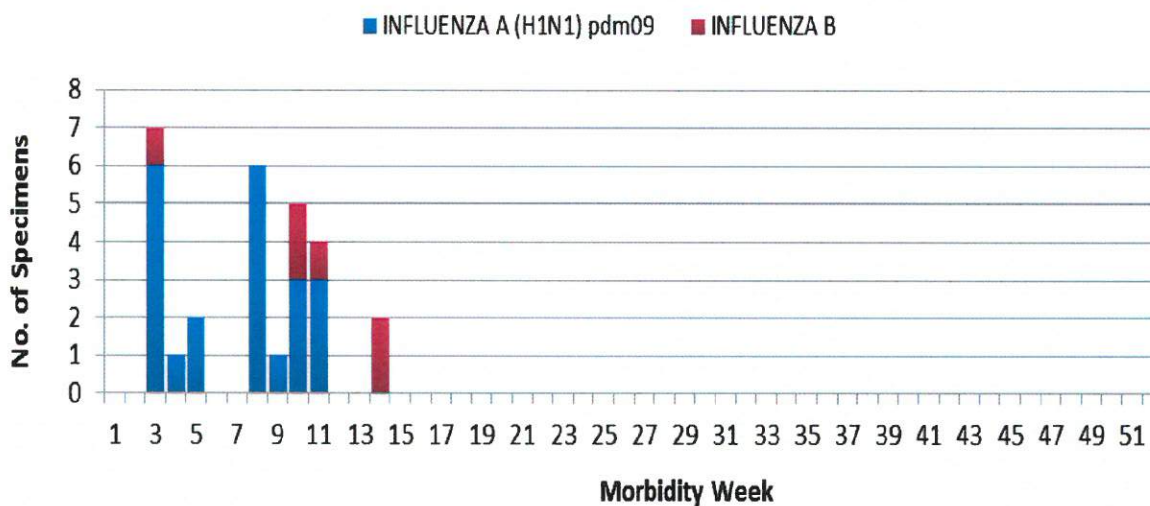
Morbidity Week 15: April 10-16, 2016

Epidemiology Bureau  
Public Health Surveillance Division

**Fig.6 Number of Specimens Collected for Influenza  
Philippines, as of April 16, 2016 (N=601)**



**Fig. 7 Number of Specimens Positive for Influenza by Subtype  
Philippines, as of April 16, 2016 (n=28)**



*\*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.*



Morbidity Week 15: April 10-16, 2016

Epidemiology Bureau  
Public Health Surveillance Division

**Table 1. Influenza-like Illness Cases & Deaths by Region**  
Philippines, 2016\* vs 2015

Region	Cases			Deaths			
	2016	2015	% Change	2016	CFR (%)	2015	CFR (%)
I	3209	2743	17.0	1	0.03	0	0.00
II	230	532	-56.8	0	0.00	0	0.00
III	927	830	11.7	0	0.00	0	0.00
IV-A	4265	5350	-20.3	0	0.00	0	0.00
IV-B	761	630	20.8	1	0.13	0	0.00
V	33	30	10.0	0	0.00	0	0.00
VI	40	87	-54.0	0	0.00	0	0.00
VII	640	442	44.8	1	0.16	0	0.00
VIII	2953	1389	112.6	0	0.00	0	0.00
IX	156	592	-73.6	0	0.00	0	0.00
X	2972	4444	-33.1	0	0.00	2	0.05
XI	3338	3187	4.7	0	0.00	13	0.41
XII	4034	9324	-56.7	1	0.02	0	0.00
ARMM	131	164	-20.1	0	0.00	0	0.00
CAR	2741	3910	-29.9	0	0.00	0	0.00
CARAGA	3364	2927	14.9	1	0.03	3	0.10
NCR	449	1263	-64.4	0	0.00	0	0.00
Total	30243	37844	-20.1	5	0.02	18	0.05

**Table 2. Weekly Influenza-like Illness Summary Report by Region**  
Philippines, as of April 16, 2016

Region	Morbidity Week				15th Morbidity Week		Cumulative Total	
	11	12	13	14	2016	2015	1st wk to 15th wk	
I	225	206	133	58	4	153	3209	2743
II	7	5	3	1	0	19	230	532
III	28	36	14	2	1	47	927	830
IV-A	201	178	185	167	67	232	4265	5350
IV-B	32	24	21	11	3	23	761	630
V	2	0	0	3	0	2	33	30
VI	3	0	2	1	0	1	40	87
VII	55	28	52	42	14	27	640	442
VIII	203	92	114	39	25	55	2953	1389
IX	18	11	14	0	0	32	156	592
X	160	131	156	162	70	154	2972	4444
XI	228	208	233	188	12	138	3338	3187
XII	188	197	158	25	0	412	4034	9324
ARMM	4	3	3	2	1	0	131	164
CAR	214	114	159	130	6	246	2741	3910
CARAGA	289	150	105	77	5	153	3364	2927
NCR	10	28	23	13	5	109	449	1263
Total	1867	1411	1375	921	213	1803	30243	37844




Morbidity Week 15: April 10-16, 2016

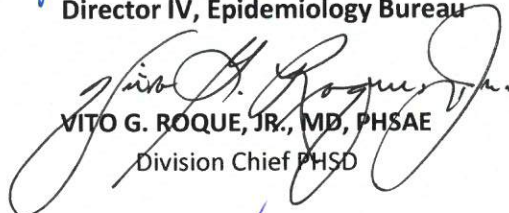
Epidemiology Bureau  
Public Health Surveillance Division

### Prevention

- Give influenza vaccination preferably annually.
- Minimize contact with a person who has influenza.
- Avoid crowded places.
- Distance yourself by at least 1 meter from people who are coughing or have influenza.
- Cover mouth and nose when sneezing or coughing to prevent spread of the virus.
- Wash hands frequently with soap and water.


### EDITORIAL BOARD

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

  
**VITO G. ROQUE, JR., MD, PHSAE**  
Division Chief PHSD

**Allan P. Ignacio**  
Statistician II

  
**June B. Corpuz, RN**  
PIDSR Program Manager

  
**Jezza Jonah D. Crucena, RN**  
VPD Program Manager