



Morbidity Week 7: February 14-20, 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 PIDS ILI surveillance activities nationwide. A total of **12,611** Influenza-like Illness cases were reported nationwide from January 1 to February 20, 2016. This is **33.6%** lower compared to the same time period last year (**18,985**).

## Geographic Distribution

Most of the cases were from the following regions: **Region IV-A** (15.2%), **Region XII** (13.5%), **Region X** (12.8%), **Region XI** (12.3%), and **Region I** (10.8%) (Fig. 5).

## Profile of Cases

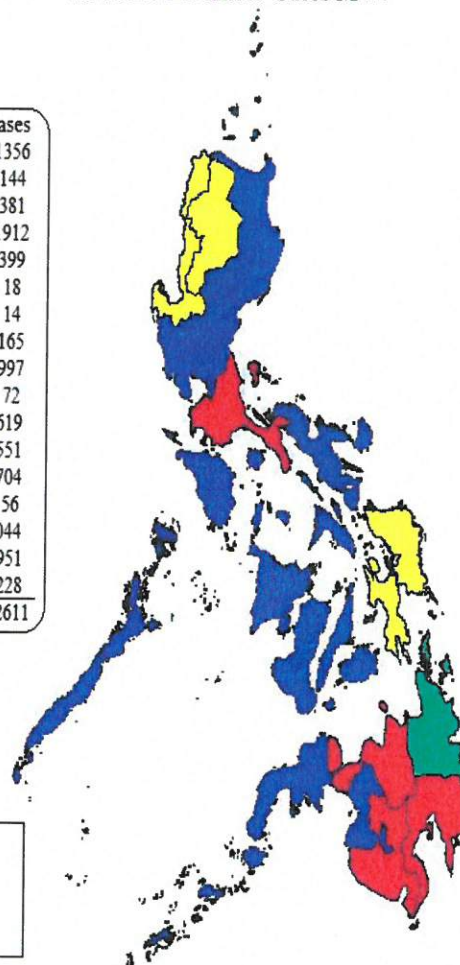
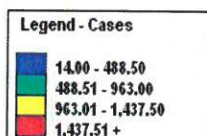
Ages of cases ranged from less than 1 month to 100 years old (median= 6 years). Majority of cases were female (50%). Most of the cases belonged to the 1 to 4 years age group (29.3%) (Fig. 3). There were 2 reported deaths (CFR=0.02%) (Fig. 4).

## 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 12, 611 cases, 179 (1.4%) cases were tested. Of the tested cases, 166 (93%) yielded negative, 11 (6%) with pending lab result and 2 (1%) were laboratory confirmed Influenza cases (Fig. 6). Out of the confirmed cases, (100%) were Influenza A (H1N1) pdm09.

Influenza-like Illness Cases MW7

Region	Cases
I	1356
II	144
III	381
IVA	1912
IVB	399
V	18
VI	14
VII	165
VIII	997
IX	72
X	1619
XI	1551
XII	1704
ARMM	56
CAR	1044
CARAGA	951
NCR	228
PHILIPPINES	12611





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Fig. 1 Distribution of Influenza-like Illness Cases by Morbidity Week  
 Philippines, as of February 20, 2016 (N=12,611)

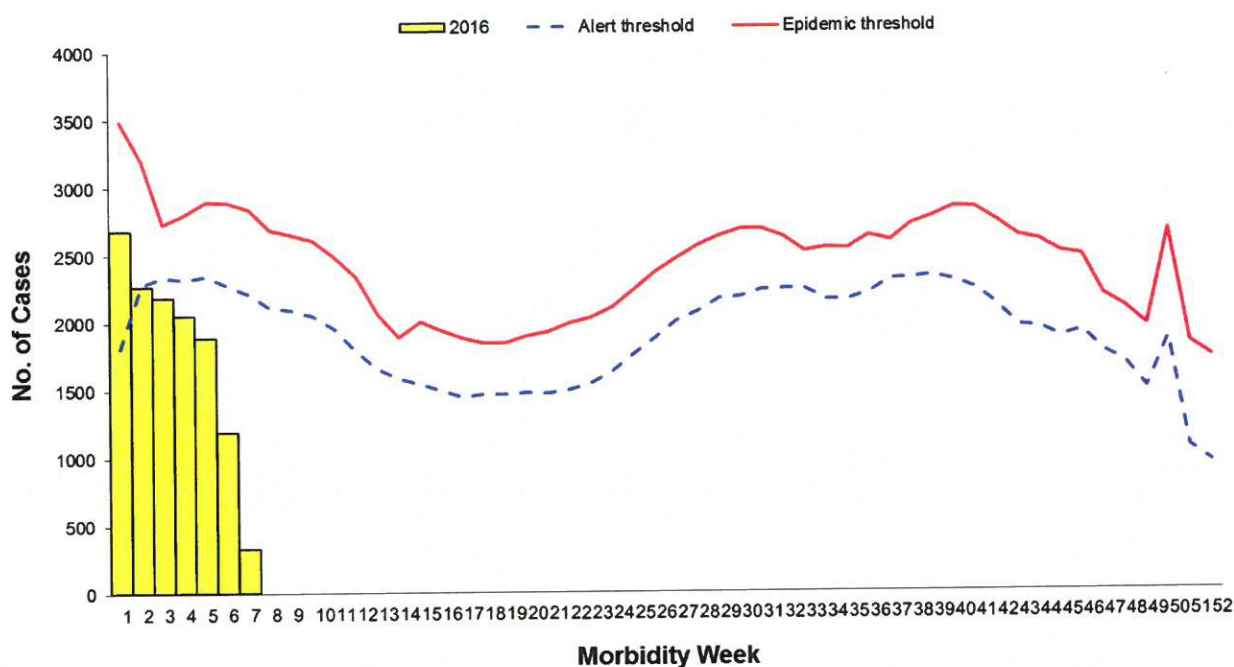
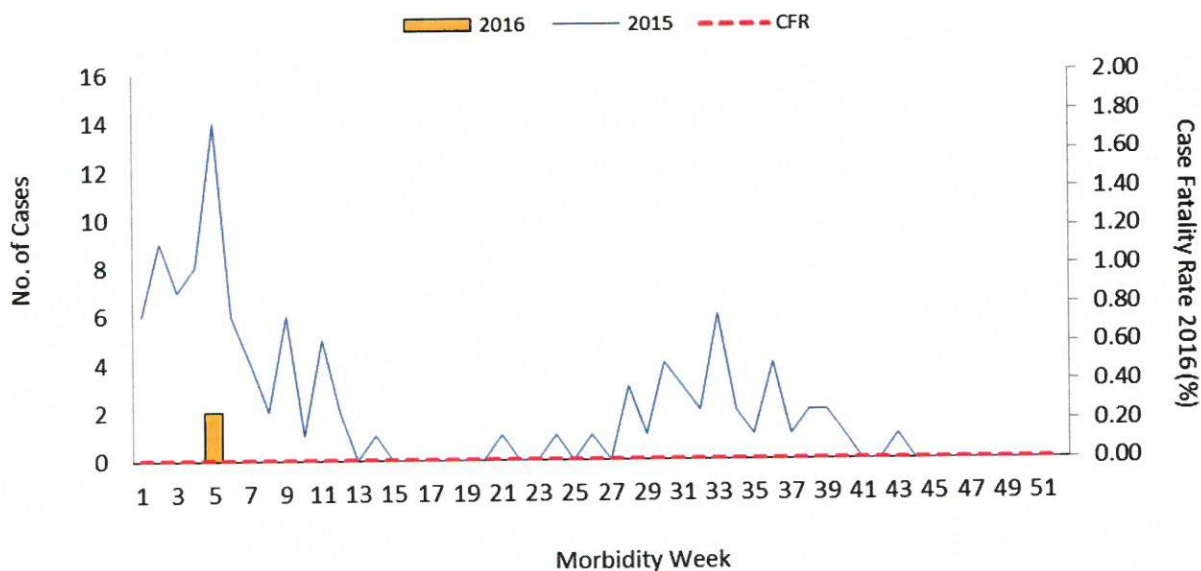


Fig. 2 Influenza Cases by Morbidity Week,  
 Philippines, as of February 20, 2016  
 2016\* vs 2015 (n=2)



\*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.

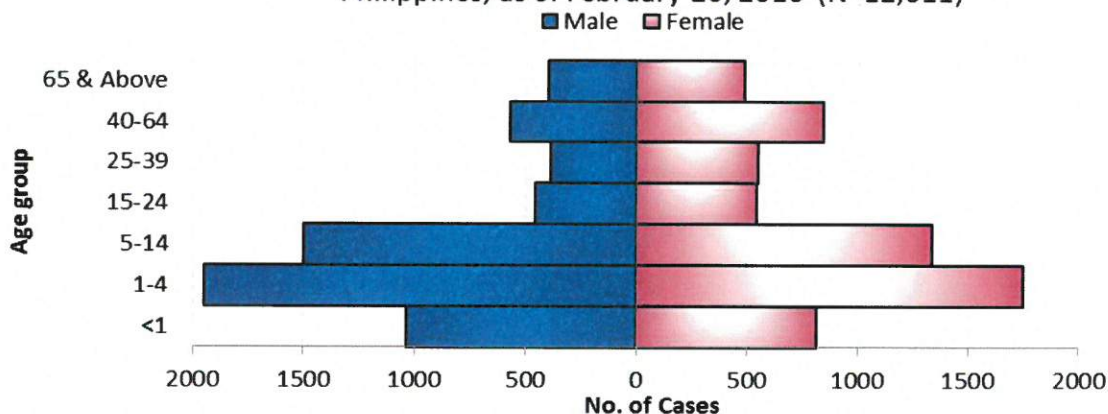




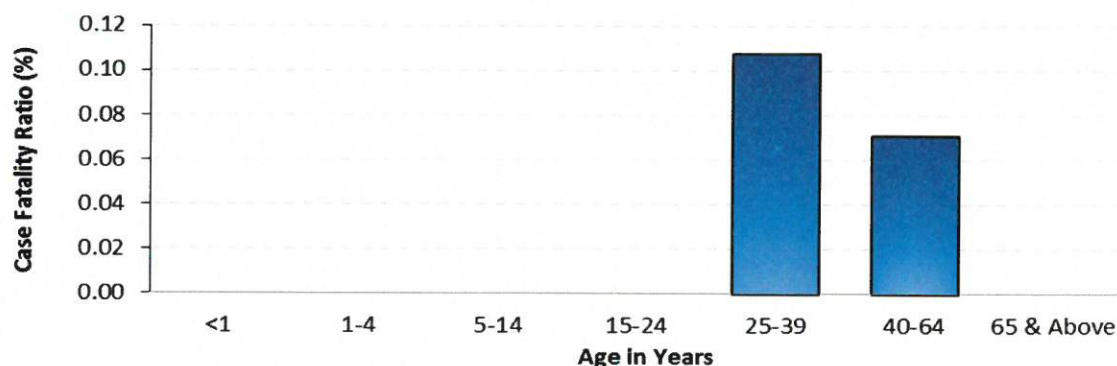
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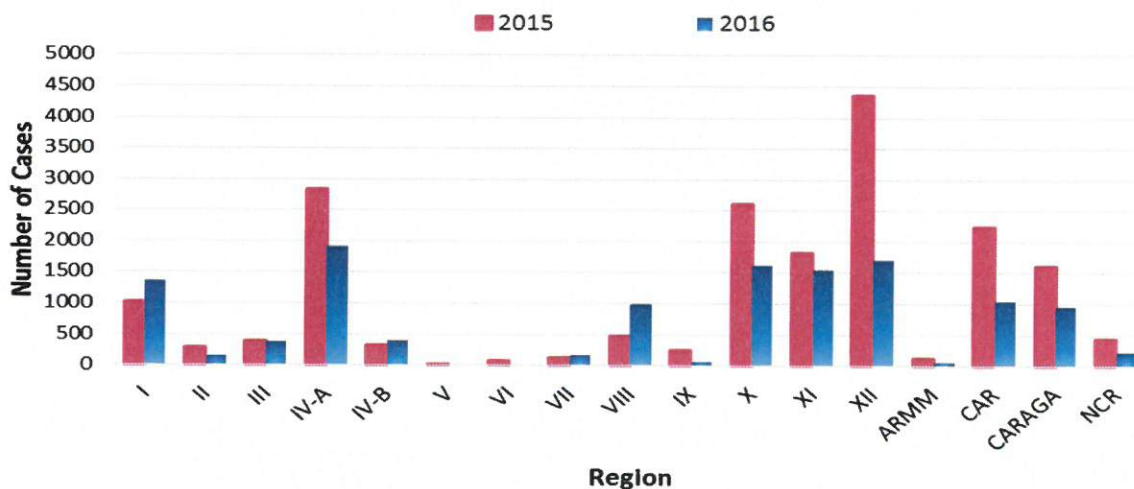
**Fig. 3 Influenza-like Illness Cases by Agegroup and Sex**  
 Philippines, as of February 20, 2016 (N=12,611)



**Fig. 4 Influenza-like Illness Case Fatality Rate (CFR) by Age Group,**  
 Philippines, as of February 20, 2016



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

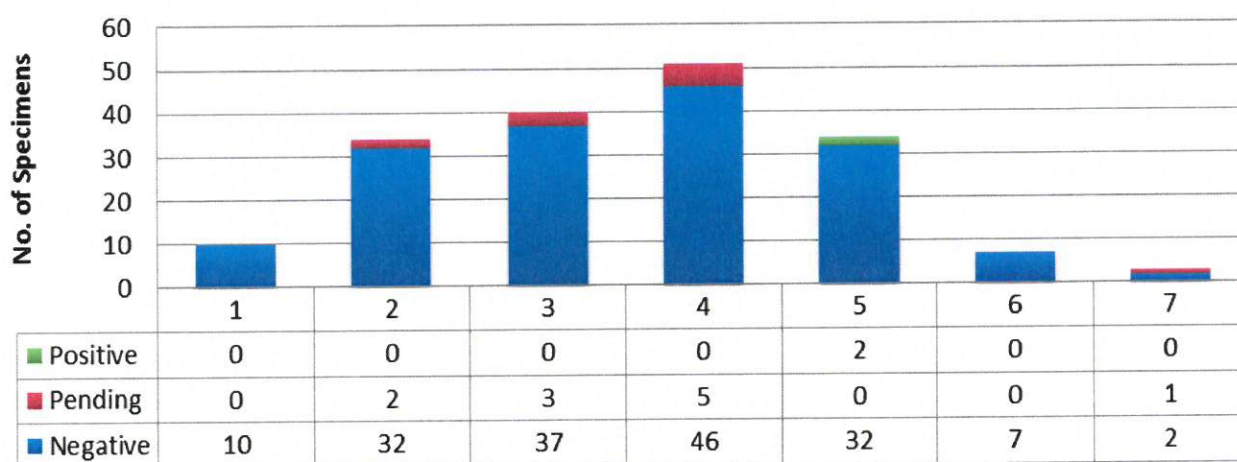




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**Fig.6 Number of Specimens Collected for Influenza  
 Philippines, as of February 20, 2016 (N=179)**



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

Region	Cases			Deaths			
	2016	2015	% Change	2016	CFR (%)	2015	CFR (%)
I	1356	1015	33.6	1	0.07	0	0.00
II	144	291	-50.5	0	0.00	0	0.00
III	381	386	-1.3	0	0.00	0	0.00
IV-A	1912	2832	-32.5	0	0.00	0	0.00
IV-B	399	309	29.1	1	0.25	0	0.00
V	18	17	5.9	0	0.00	0	0.00
VI	14	70	-80.0	0	0.00	0	0.00
VII	165	132	25.0	0	0.00	0	0.00
VIII	997	482	106.8	0	0.00	0	0.00
IX	72	249	-71.1	0	0.00	0	0.00
X	1619	2608	-37.9	0	0.00	1	0.04
XI	1551	1823	-14.9	0	0.00	13	0.71
XII	1704	4359	-60.9	0	0.00	0	0.00
ARMM	56	122	-54.1	0	0.00	0	0.00
CAR	1044	2237	-53.3	0	0.00	0	0.00
CARAGA	951	1607	-40.8	0	0.00	2	0.12
NCR	228	446	-48.9	0	0.00	0	0.00
<b>Total</b>	<b>12611</b>	<b>18985</b>	<b>-33.6</b>	<b>2</b>	<b>0.02</b>	<b>16</b>	<b>0.08</b>

*\*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.*





## Influenza-like Illness Cases

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**Table 2. Weekly Influenza-like Illness Summary Report by Region**  
Philippines, as of February 20, 2016

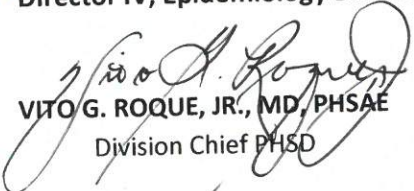
Region	Morbidity Week				7th Morbidity Week		Cumulative Total 1st wk to 7th wk	
	3	4	5	6	2016	2015	2016	2015
I	185	212	146	175	30	131	1356	1015
II	47	19	12	16	0	25	144	291
III	78	78	74	13	1	46	381	386
IV-A	162	372	475	336	156	395	1912	2832
IV-B	57	54	94	50	24	10	399	309
V	6	5	5	1	0	2	18	17
VI	0	1	0	1	0	8	14	70
VII	35	26	21	4	0	21	165	132
VIII	229	153	173	79	32	140	997	482
IX	19	5	12	0	0	68	72	249
X	328	314	231	135	32	333	1619	2608
XI	258	259	254	191	5	205	1551	1823
XII	355	287	125	25	2	641	1704	4359
ARMM	12	12	6	1	0	12	56	122
CAR	214	81	133	97	25	289	1044	2237
CARAGA	163	154	95	44	7	212	951	1607
NCR	43	21	36	24	14	29	228	446
<b>Total</b>	<b>2191</b>	<b>2053</b>	<b>1892</b>	<b>1192</b>	<b>328</b>	<b>2567</b>	<b>12611</b>	<b>18985</b>

### 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.

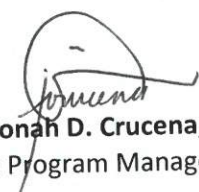
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