



Morbidity Week 11: March 13-19, 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 PIDSIR ILI surveillance activities nationwide. A total of **21,488** Influenza-like Illness cases were reported nationwide from January 1 to March 19, 2016. This is **29.1%** lower compared to the same time period last year (**30,327**).

Geographic Distribution

Most of the cases were from the following regions: **Region IV-A** (16.1%), **Region XII** (13.4%), **Region XI** (11.4%), **Region X** (10.9%), and **Region I** (10.2%) (Fig. 5).

Profile of Cases

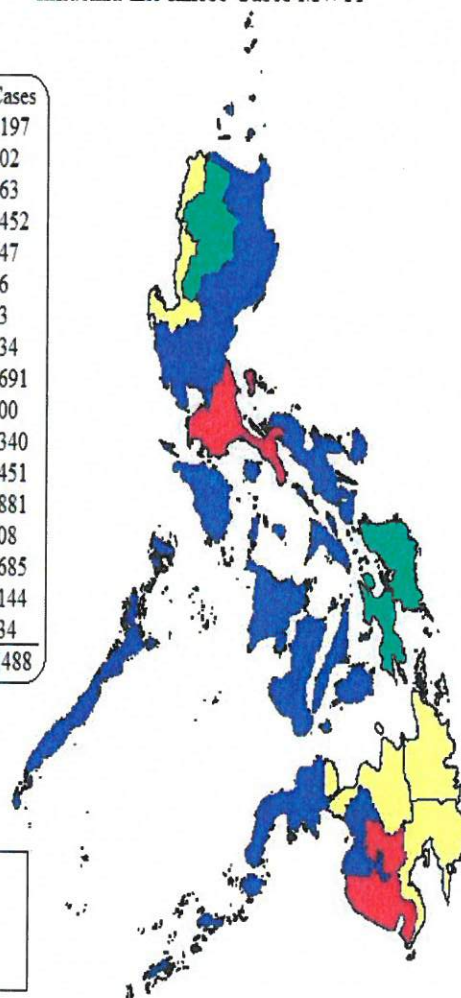
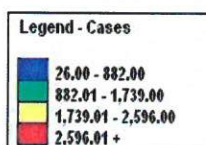
Ages of cases ranged from less than 1 month to 100 years old (median= 6 years). Majority of cases were male (50.3%). Most of the cases belonged to the 1 to 4 years age group (29.4%) (Fig. 3). There were 3 reported deaths (CFR=0.01%) (Fig. 4).

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 21,488 cases, 382 (1.8%) cases were tested. Of the tested cases, 360 (94.2%) yielded negative, and 22 (5.8%) were laboratory confirmed Influenza cases (Fig. 6). Out of the confirmed cases, (86.4%) were Influenza A (H1N1) pdm09 and (13.6%) were Influenza B (Fig. 7).

Influenza-like Illness Cases MW11

Region	Cases
I	2197
II	202
III	763
IVA	3452
IVB	647
V	26
VI	33
VII	434
VIII	1691
IX	100
X	2340
XI	2451
XII	2881
ARMM	108
CAR	1685
CARAGA	2144
NCR	334
PHILIPPINES	21488





Morbidity Week 11: March 13-19, 2016

Epidemiology Bureau
Public Health Surveillance Division

Fig. 1 Distribution of Influenza-like Illness Cases by Morbidity Week
Philippines, as of March 19, 2016 (N=21,488)

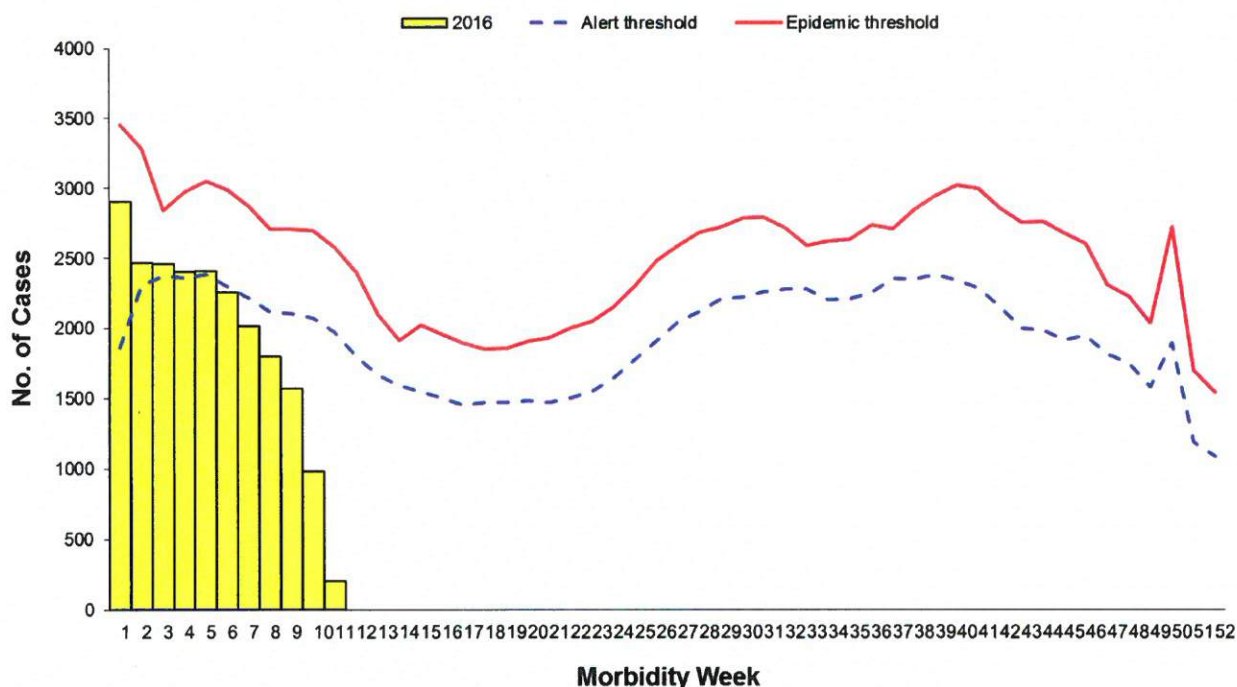
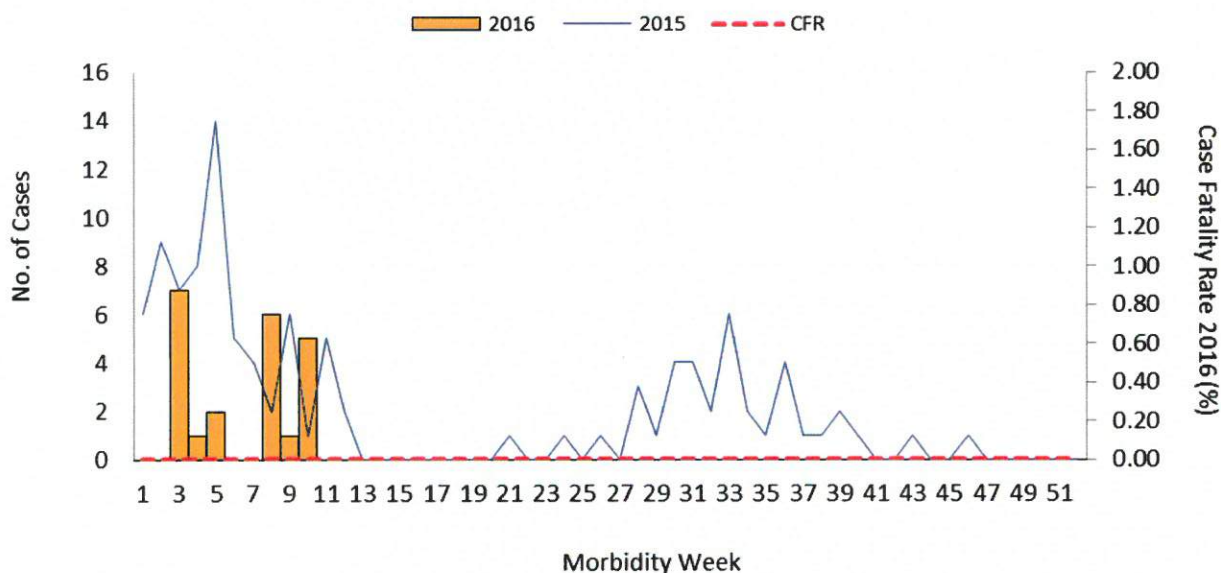


Fig. 2 Influenza Cases by Morbidity Week,
Philippines, as of March 19, 2016
2016* vs 2015 (n=22)



*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 11: March 13-19, 2016

Epidemiology Bureau
Public Health Surveillance Division

Fig. 3 Influenza-like Illness Cases by Agegroup and Sex
Philippines, as of March 19, 2016 (N=21,488)

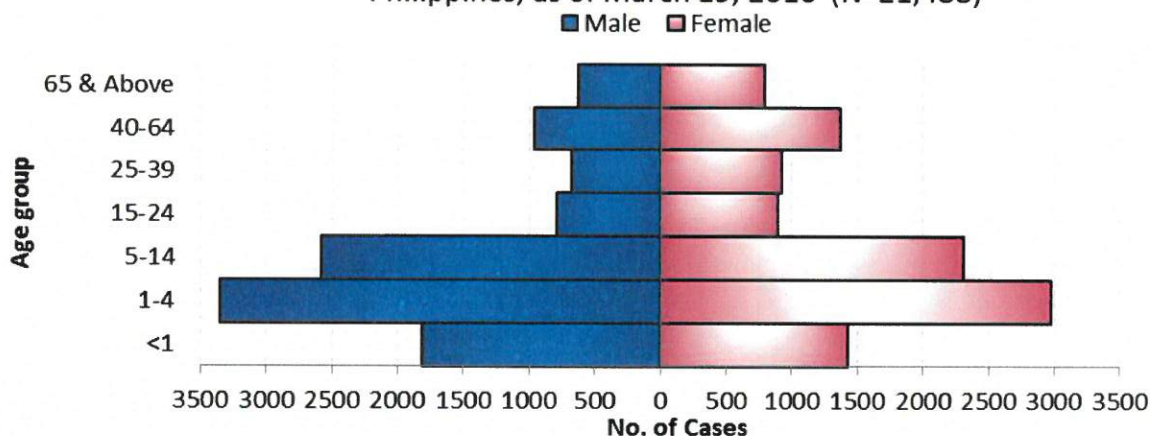


Fig. 4 Influenza-like Illness Case Fatality Rate (CFR) by Age Group,
Philippines, as of March 19, 2016

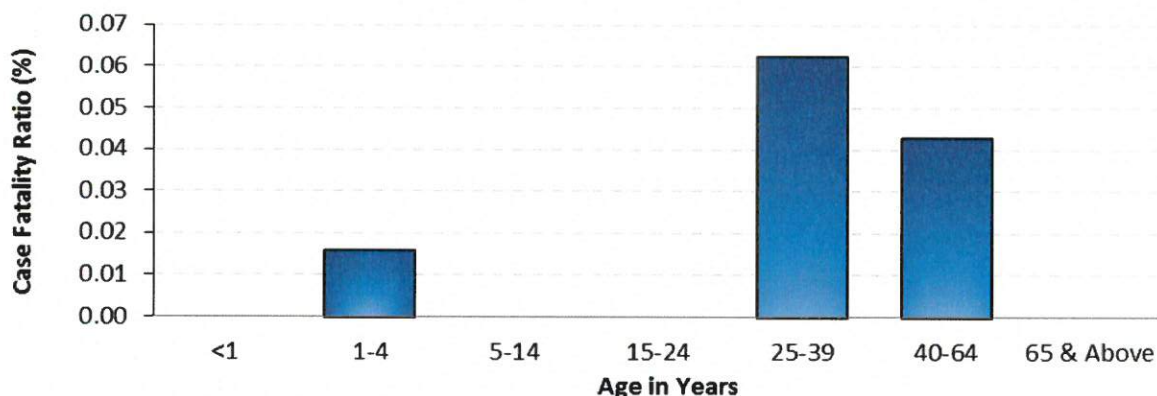
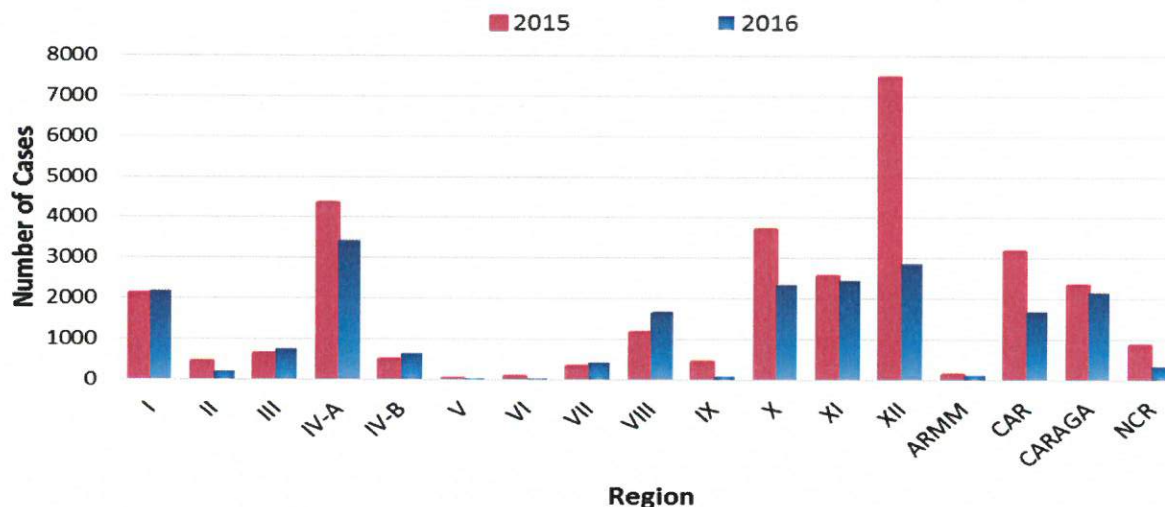


Fig. 5 Influenza-like Illness Cases by Region
Philippines, 2016* vs 2015





Morbidity Week 11: March 13-19, 2016

Epidemiology Bureau
 Public Health Surveillance Division

Fig.6 Number of Specimens Collected for Influenza Philippines, as of March 19, 2016 (N=382)

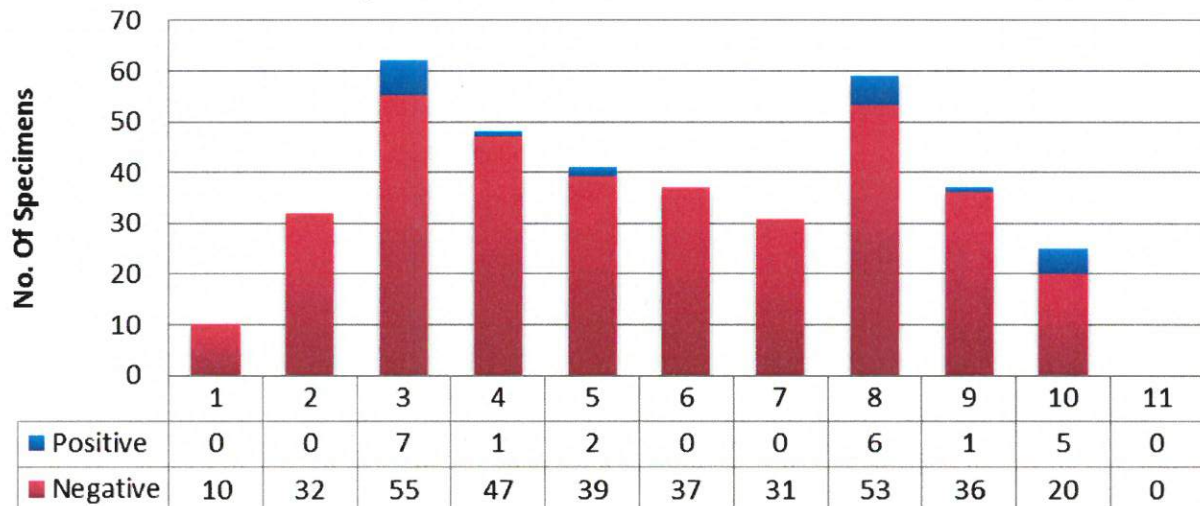
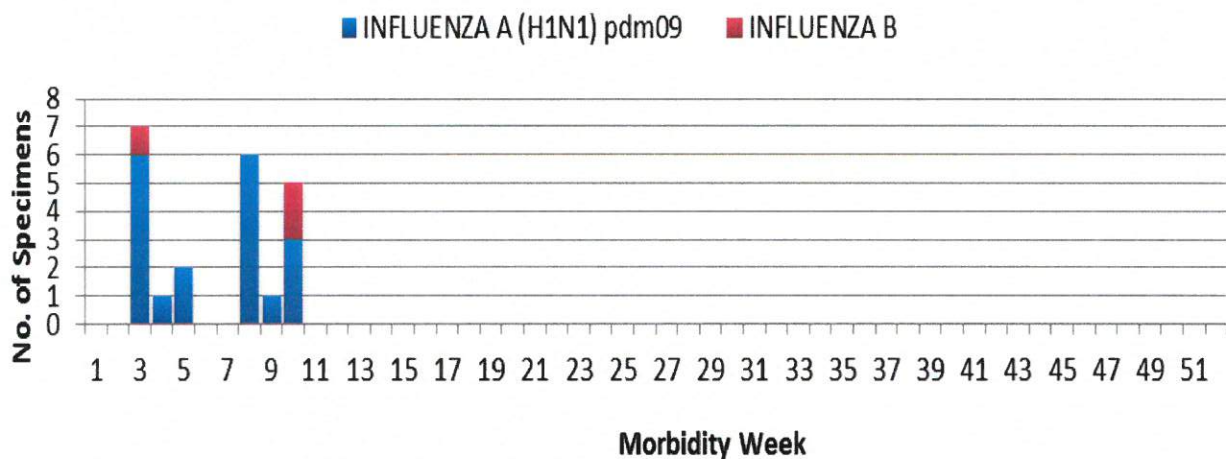


Fig. 7 Number of Specimens Positive for Influenza by Subtype Philippines, as of March 19, 2016 (n=22)



**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 11: March 13-19, 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	2197	2102	4.5	1	0.05	0	0.00
II	202	452	-55.3	0	0.00	0	0.00
III	763	651	17.2	0	0.00	0	0.00
IV-A	3452	4340	-20.5	0	0.00	0	0.00
IV-B	647	487	32.9	1	0.15	0	0.00
V	26	26	0.0	0	0.00	0	0.00
VI	33	80	-58.8	0	0.00	0	0.00
VII	434	330	31.5	1	0.23	0	0.00
VIII	1691	1163	45.4	0	0.00	0	0.00
IX	100	454	-78.0	0	0.00	0	0.00
X	2340	3710	-36.9	0	0.00	1	0.03
XI	2451	2571	-4.7	0	0.00	13	0.51
XII	2881	7464	-61.4	0	0.00	0	0.00
ARMM	108	147	-26.5	0	0.00	0	0.00
CAR	1685	3165	-46.8	0	0.00	0	0.00
CARAGA	2144	2335	-8.2	0	0.00	2	0.09
NCR	334	850	-60.7	0	0.00	0	0.00
Total	21488	30327	-29.1	3	0.01	16	0.05

**Table 2. Weekly Influenza-like Illness Summary Report by Region
 Philippines, as of March 19, 2016**

Region	Morbidity Week				11th Morbidity Week		Cumulative Total	
	7	8	9	10	2016	2015	1st wk to 11th wk	
I	219	173	114	21	0	241	2197	2102
II	15	7	1	1	0	31	202	452
III	51	96	56	35	1	54	763	651
IV-A	386	378	396	317	68	367	3452	4340
IV-B	91	53	35	29	9	68	647	487
V	3	4	0	0	0	1	26	26
VI	5	8	0	5	0	1	33	80
VII	42	39	42	35	18	47	434	330
VIII	154	93	129	98	24	69	1691	1163
IX	7	5	1	0	0	61	100	454
X	221	143	153	123	56	269	2340	3710
XI	188	217	227	197	11	213	2451	2571
XII	228	202	136	33	0	576	2881	7464
ARMM	10	8	15	2	0	15	108	147
CAR	138	180	78	17	16	253	1685	3165
CARAGA	226	179	170	54	2	186	2144	2335
NCR	35	17	21	17	2	110	334	850
Total	2019	1802	1574	984	207	2562	21488	30327




Morbidity Week 11: March 13-19, 2016

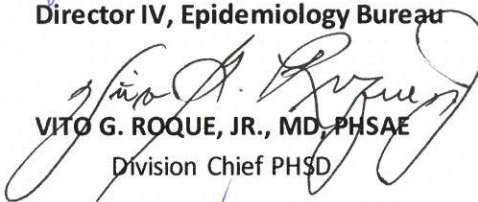
Epidemiology Bureau
Public Health Surveillance Division

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