

Korea Centers for Disease Control and Prevention (KCDC) Issues Warning  
for Influenza Epidemic in Korea [Dec. 1, 2017]

- ◇ Influenza epidemic warning issued on December 1, 2017
- ◇ Requested influenza vaccination and recommends medical attention should symptoms arise
- ◇ Recommended observance of personal hygiene via washing hands and coughing etiquette for prevention of infection

□ As the incidence rate of influenza like illness (ILI) patients\* exceeds regulatory standards\*\* during week 47 (11.19.~11.25.) the KCDC (Director Jeong Eun-Kyeong) has issued an influenza warning and requested the observance of personal hygiene via washing hands and coughing etiquette for prevention of infection.

\* ILI: Sudden onset of fever over 38°C accompanied by coughing or sore throat

\*\* incidence rate standard for influenza epidemic for the 2017-2018 season: 6.6/1000 persons (8.9 persons during the 2016-2017 season)  
(Formula for influenza standard: Average percentage of ILI during non-epidemic periods in the last three years + 2×standard deviation)

○ ILI rates were 5.3 persons (out of 1000) in week 45 (11.5~11.11.) of 2017, 6.3 persons in week 46 (11.12.~11.18.), and 7.7 persons in week 47 (11.19.~11.25.), exceeding epidemic standards (6.6 persons).

□ The Center repeatedly requested influenza vaccination for the non-vaccinated even if the epidemic has started for the prevention of influenza infection and its spread.

○ Furthermore, the Center advised making an early visit to the nearest medical center should influenza-like symptoms arise.

○ In addition, schools as well as childcare and nursing facilities should especially be attentive towards prevention and the management of patients.

○ The Center has also emphasized the observance of personal hygiene protocols like adequate hand washing and coughing etiquettes for the prevention of influenza.

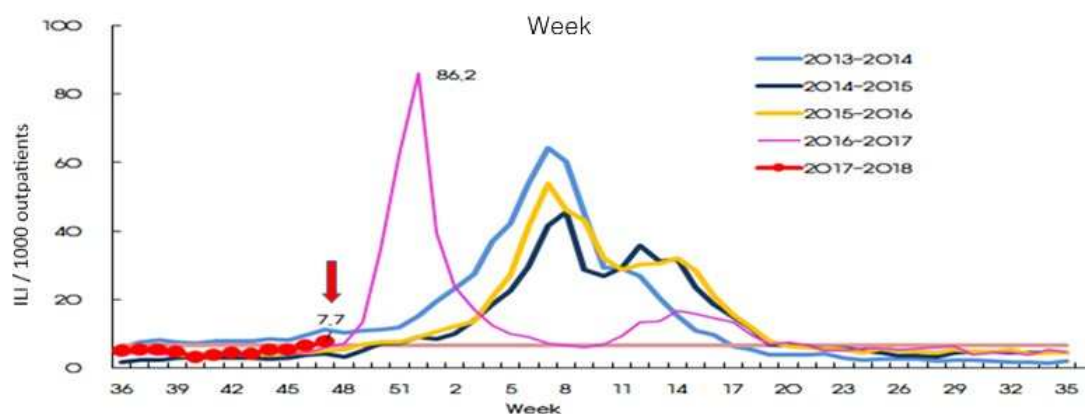
■ Attachment : Incidence Rate of Influenza

## [Attachment : Incidence Rate of Influenza]

□ Incidence Rate of ILI (influenza surveillance, 200 major medical institutions)

○ Incidence rate of ILI was 7.7 persons (out of 1,000) in week 47 (11.19.~11.25.)

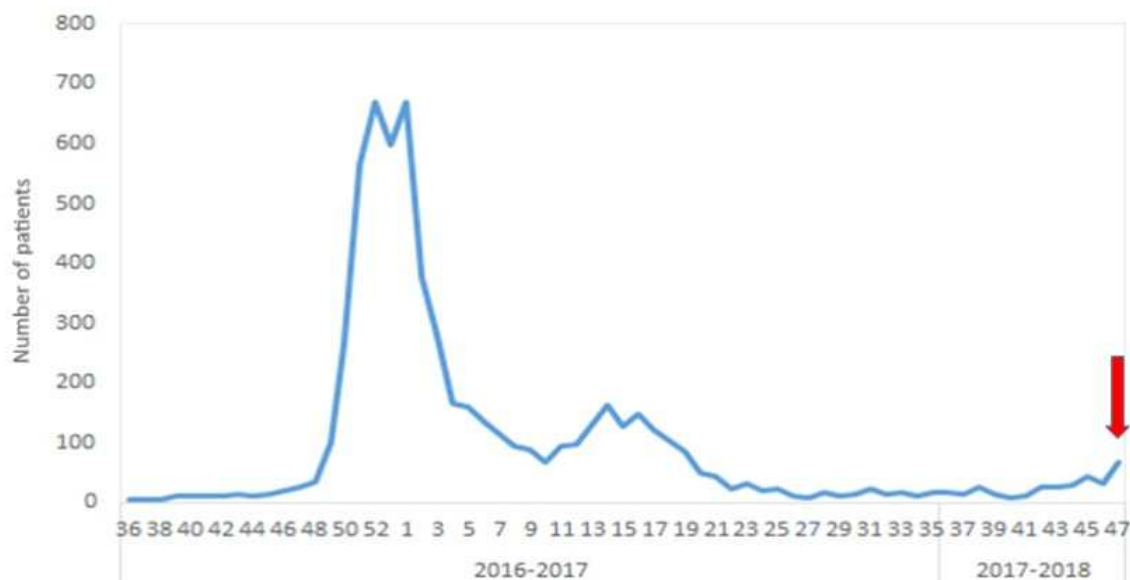
\* 2017-2018 season epidemic standard: 6.6 persons / out of 1000



Week / Age	Total	0	1-6	7-12	13-18	19-49	50-64	Over 65
Week 43	4.1	5.8	7.3	6.8	4.2	6.1	2.9	1.7
Week 44	5.2	5.6	7.2	6.8	4.1	6.2	2.9	1.7
Week 45	5.3	7.2	7.3	7.0	6.0	6.0	3.1	1.7
Week 46	6.3	8.2	9.4	10.4	6.0	6.0	3.4	1.3
<b>Week 47</b>	<b>7.7</b>	<b>7.8</b>	<b>10.5</b>	<b>15.1</b>	<b>13.8</b>	<b>7.6</b>	<b>4.3</b>	<b>2.1</b>

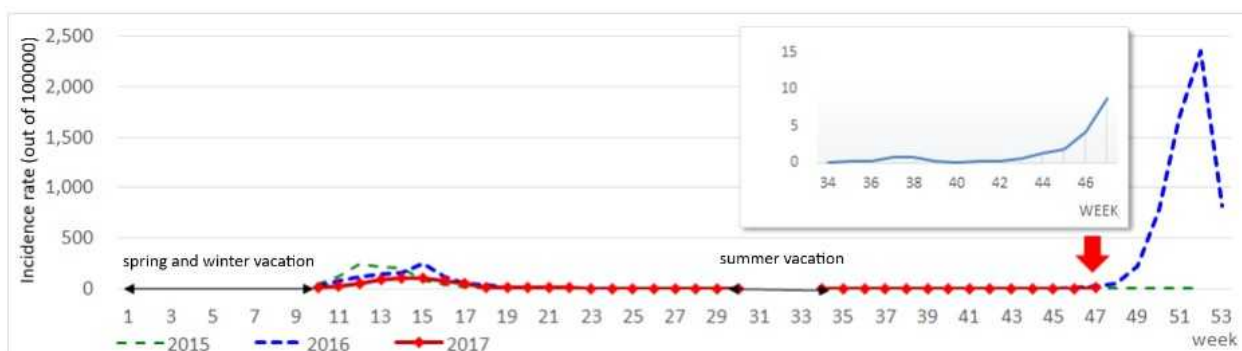
□ Influenza Hospitalization Status (sample surveillance of acute respiratory infection, 189 general hospitals)

○ The number of patients hospitalized for influenza in week 47 was increased to 68, compared to 33 patients last week.



□ Current Status of Influenza in School Setting

- Incidence rate of Influenza for students was increased to 8.7 persons (out of 100000) in week 47, compared to 4.2 persons last week



- Gangwon, Sejong, and Incheon region have higher regional incidence rate of influenza for students than other regions

□ Seasonal Epidemic Standard and Warning for Influenza Epidemic

Season	Epidemic standard (/1,000 persons)	Warning for influenza epidemic release date (ILI/1,000 persons)	Peak(/1,000 persons)	
			First (December~January)	Second (March~April)
2016-2017	8.9	'16.12.8(13.3)	86.2(Week 52)	16.7(Week 14)
2015-2016	11.3	'16.1.14(12.1)	53.8(Week 7)	35.5(Week 14)
2014-2015	12.2	'15.1.22(14.0)		
2013-2014	12.1	'14.1.2(15.3)	64.3(Week 7)	-
2012-2013	4.0	'13.1.17(4.8)	12.7(Week 9)	-
2011-2012	3.8	'12.1.5(4.7)	23.1(Week 6)	20.3(Week 13)
2010-2011	2.9	'10.10.1(4.48)	23.89(Week 52)	-
2009-2010	2.6	[A(H1N1)pdm09 occurred]	44.96(Week 45)	20.45(Week 15)
2008-2009	2.6	'08.12.8(3.60)	17.63(Week 1)	8.68(Week 15)
2007-2008	3.0	'07.12.17(3.34)	9.6(Week 9)	-
2006-2007	7.5	'07.1.12(8.73)	8.38(Week 1, 2)	-
2005-2006	7.5	'05.12.23(9.63)	11.52(Week 52)	-