

Weekly update on oseltamivir resistance to pandemic influenza A (H1N1) 2009 viruses

19 February 2010 -- For this reporting week (11 - 17 February 2010), 3 new sporadic cases of oseltamivir resistant pandemic influenza A (H1N1) 2009 viruses have been reported. It brings the cumulative total to 248 so far. All have the H275Y substitution and are assumed to remain sensitive to zanamivir.

Table 1: Summary of new oseltamivir resistant cases during the week 11 - 17 February 2010

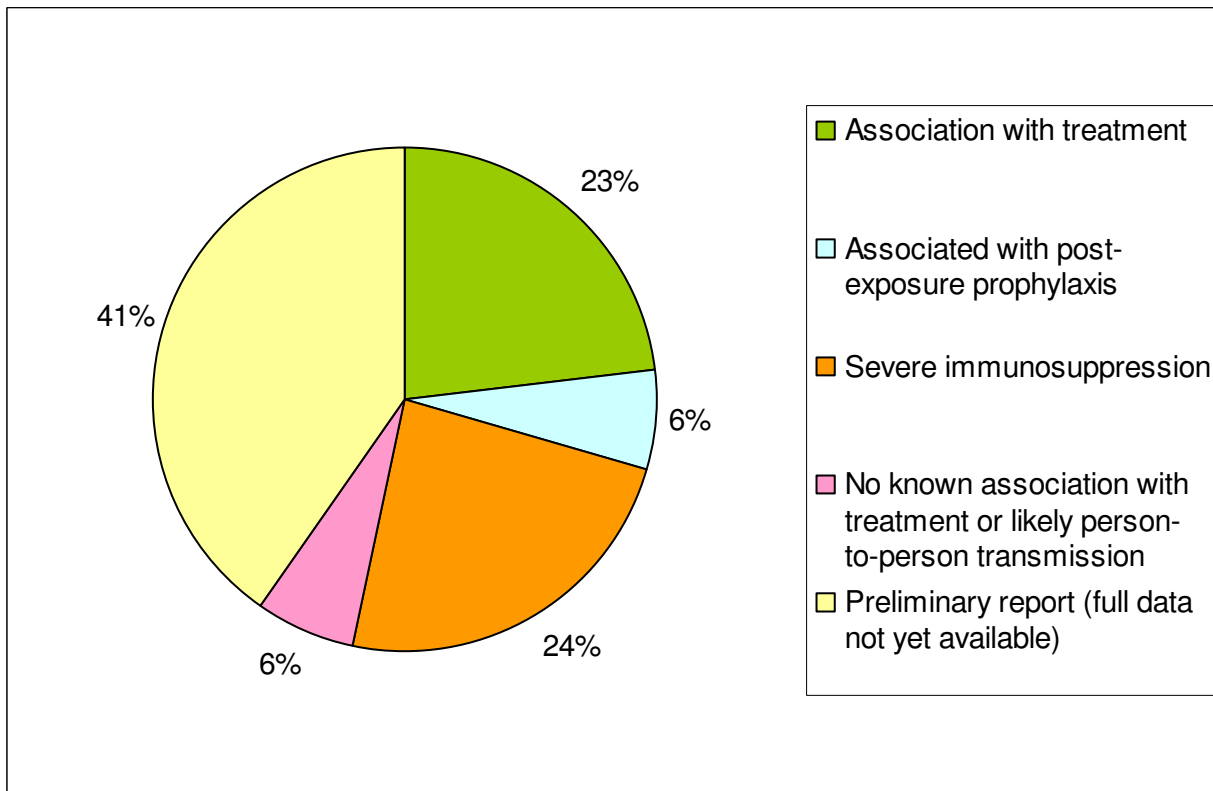
Clinical Background / Preliminary report	Number of reported cases
Preliminary report*	3 ^{1) 2)}
Total new cases	3

*Preliminary report: laboratory confirmed and reported oseltamivir resistant cases, details not yet available

Table 2: Geographical distribution of oseltamivir resistance by the WHO regions (as of 17 February 2010)

	WHO Region					
	AFRO	EMRO	EURO	PAHO	SEARO	WPRO
Number of oseltamivir resistant isolates	0	1	82	73	0	92

Figure 1: Proportion of the clinical background of reported cases of oseltamivir resistance (as of 17 February 2010)



- 1) Department of Health and Aging, Australia. Influenza surveillance report, No.5, 2010. Available from URL: [http://www.healthemergency.gov.au/internet/healthemergency/publishing.nsf/Content/ozflu2010.htm/\\$File/ozflu-no5-2010.pdf](http://www.healthemergency.gov.au/internet/healthemergency/publishing.nsf/Content/ozflu2010.htm/$File/ozflu-no5-2010.pdf)
- 2) Centers for Disease Control and Prevention, United States of America. Flu View (week5). Available from URL: http://www.cdc.gov/flu/weekly/pdf/External_F1005.pdf