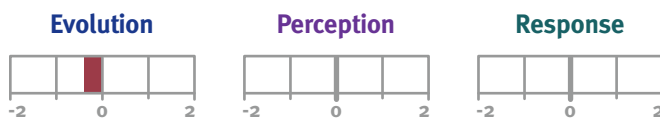


Friday, July 3, 2009

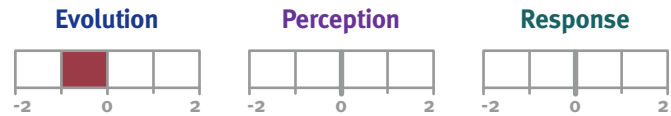
H1N1 TREND UPDATE

Today, Croatia reported its first confirmed case of the H1N1 virus in a 60-year old Australian woman who recently arrived in the country.¹ In its latest report released today, the WHO has confirmed 89,921 cases of the H1N1 virus along with 382 deaths. That is an increase of nearly 13,000 cases and 50 deaths since it last reported on Wednesday.²



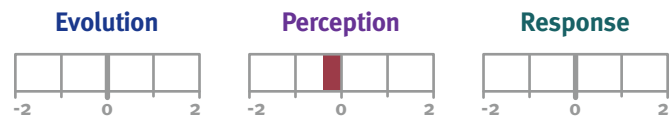
HONG KONG REPORTS CASE OF TAMIFLU RESISTANCE

A day after Japan reported the 2nd case of H1N1 resistance to Tamiflu, Hong Kong has confirmed the 3rd case of H1N1 Tamiflu resistance. A health department spokesman said the virus was identified in a 16-year old girl returning from the U.S. on June 11th. Routine sensitivity tests later discovered the virus's resistance to the Tamiflu antiviral drug.³

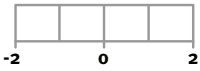


ARGENTINES FLOCK TO URUGUAY FOR SUPPLIES

Argentine citizens are beginning to cross into Uruguay in efforts to buy flu supplies such as Tamiflu and protective masks. One bridge used to cross into Uruguay had been road blocked by Argentine environmentalists who were protesting building on the Uruguayan side of the river, but they are now temporarily opening up their block to let people pass. One protester said that the situation in Argentina is so chaotic due to the H1N1 virus, temporarily opening the blockade for people to go purchase supplies was the humanitarian thing to do.⁴



This document has been prepared by bio-era as a part of the "Thinking Ahead" service, designed to support commercial decision-making in response to the anticipated commercial and economic impacts of novel H1N1 pandemic influenza. The service seeks to monitor and evaluate current developments based on their significance with respect to three criteria: the significance of the news item for (1) the evolution of the physical disease event; (2) its effects on perceptions of threat (i.e., fear); and (3) examples of reaction or response to (1) and (2) above. To the extent possible, bio-era seeks to integrate an understanding of the particular news items identified as leading indicators or signposts within a broader bio-era scenario-based decision-support framework. To learn more about the service, the scenarios framework, or to enroll, please visit www.bio-era.net.



Bio-era's judgement regarding the extent to which a development is positive or negative for: (1) the physical evolution of the disease, (2) perceptions of the disease, and (3) future disease event impacts.

	-2	0	2
<p>Physical Evolution How significant is the development with respect to the evolution, transmissibility, and virulence of the disease?</p>	Indicates or portends higher transmission, transmissibility, and/or virulence of the disease	No Net Change	Indicates or portends lower transmission, transmissibility, and/or virulence of the disease
<p>Perception How significant is the development with respect to perceptions of threat (i.e., fears of the disease)?</p>	Indicates or promotes heightened fear of the disease	No Net Effect	Indicates or promotes lower fear of the disease
<p>Response/Reaction To what degree does the response help or hinder the effort to mitigate the impacts the disease?</p>	Expected to exacerbate disease impacts	No Net Impact	Expected to mitigate disease impacts

1 Reuters. "Croatia Reports First H1N1 Case." July 3, 2009. See: <http://www.reuters.com/article/middleeastCrisis/idUSL3698084>

2 WHO. "Influenza A/H1N1 Update." July 3, 2009. See: <http://www.who.int/csr/disease/swineflu/en/index.html>

3 Reuters. "Hong Kong finds 1st case of Tamiflu-resistant H1N1." July 3, 2009. See: http://www.reuters.com/article/internal_ReutersNewsRoom_ExclusivesAndWins_MOLT/idUSTRE5622F720090703

4 *Buenos Aires Herald*. "Protesters lift Gualaguaychú roadblock to buy health masks and tamiflu in Uruguay. July 3, 2009. See: <http://www.buenosairesherald.com/BreakingNews/View/5522>