

# **Seasonal Influenza Vaccine 2008-2009**

**Results of the February 21, 2008  
VRBPAC Meeting**

*Presented to the*

**DEFENSE HEALTH BOARD**

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## ANTIGENIC DRIFT:

Resistance to Infection with A/Victoria/75 (H3N2)  
Influenza Virus among Persons with a Prior H3N2 Infection

<b>Prior Infection</b>	<b>Years Since Infection</b>	<b>Number of Persons</b>	<b>% Symptomatic Infection</b>
<b>None</b>	<b>-</b>	<b>96</b>	<b>27.0</b>
<b>A/PC/73</b>	<b>2</b>	<b>71</b>	<b>4.2</b>
<b>A/Eng/72</b>	<b>4</b>	<b>60</b>	<b>8.3</b>
<b>A/HK/68</b>	<b>6</b>	<b>84</b>	<b>17.9</b>

# 2008-2009 Seasonal Influenza Vaccine Strain Recommendations

## ➤ WHO - February 14, 2008:

- A/Brisbane/59/2007 (H1N1)-like virus <sup>a</sup>
- A/Brisbane/10/2007 (H3N2)-like virus <sup>b</sup>
- B/Florida/4/2006-like virus <sup>c</sup>

## Possible Vaccine Candidates:

<sup>a</sup> A/Brisbane/59/2007; A/South Dakota/06/2007

<sup>b</sup> A/Brisbane/10/2007; A/Uruguay/716/2007

<sup>c</sup> B/Florida/4/2006; B/Brisbane/3/2007

## ➤ VRBPAC/FDA – February 21, 2008:

- Confirmed WHO recommendations

## ➤ VRBPAC/FDA/WHO – All 3 Components of the 2008-2009 vaccine are new

# Seasonal Influenza Vaccine Strains

 = strain changed from previous year

2006-2007	2007-2008	2008-2009
<b>A/New Caladonia/20/1999 (H1N1)-like</b>	<b>A/Solomon Islands/3/ 2006 (H1N1)-like</b>	<b>A/Brisbane/10/2007 (H3N2)-like</b>
<b>A/Wisconsin/67/2005 (H3N2)-like</b>	<b>A/Wisconsin/67/2005 (H3N2)-like</b>	<b>A/Brisbane/59/2007 (H1N1)-like</b>
<b>B/Malaysia/2506/2004-like</b>	<b>B/Malaysia/2506/2004-like</b>	<b>B/Florida/4/2006-like</b>