

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

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

2008-2009 Seasonal Influenza Vaccine Strain Recommendations

➤ WHO - February 14, 2008:

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

Possible Vaccine Candidates:

- ^a A/Brisbane/59/2007; A/South Dakota/06/2007
- ^b A/Brisbane/10/2007; A/Uruguay/716/2007
- ^c 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
A/New Caladonia/20/1999 (H1N1)-like	A/Solomon Islands/3/ 2006 (H1N1)-like	A/Brisbane/10/2007 (H3N2)-like
A/Wisconsin/67/2005 (H3N2)-like	A/Wisconsin/67/2005 (H3N2)-like	A/Brisbane/59/2007 (H1N1)-like
B/Malaysia/2506/2004-like	B/Malaysia/2506/2004-like	B/Florida/4/2006-like