**Recommendations for Influenza Vaccine Composition**

**Southern hemisphere: 2008**

It is recommended that vaccines to be used in the 2008 season (southern hemisphere winter) contain the following:

— an A/Solomon Islands/3/2006 (H1N1)-like virus;  
— an A/Brisbane/10/2007 (H3N2)-like virus;  
— a B/Florida/4/2006-like virus.

**Recommendations for Influenza Vaccine Composition**

**Southern hemisphere: 2009**

It is recommended that vaccines for use in the 2009 influenza season (southern hemisphere winter) contain the following:

— an A/Brisbane/59/2007 (H1N1)-like virus;\*  
— A/Brisbane/10/2007 (H3N2)-like virus;\*\*  
— a B/Florida/4/2006-like virus#.

\* A/South Dakota/6/2007 (an A/Brisbane/59/2007-like virus) is a current vaccine virus used in live attenuated vaccines.  
\*\* A/Brisbane/10/2007 and A/Uruguay/716/2007 (an A/Brisbane/10/2007-like virus) are current vaccine viruses.  
# B/Florida/4/2006 and B/Brisbane/3/2007 (a B/Florida/4/2006-like virus) are current vaccine viruses.

**Recommended composition of influenza virus vaccines for use in the 2011 southern hemisphere influenza season**

It is recommended that vaccines for use in the 2011 influenza season (southern hemisphere winter) contain the following:

— an A/California/7/2009 (H1N1)-like virus;  
— an A/Perth/16/2009 (H3N2)-like virus;\*  
— a B/Brisbane/60/2008-like virus.

**Recommended composition of influenza virus vaccines for use in the 2012 southern hemisphere influenza season**

It is recommended that vaccines for use in the 2012 influenza season (southern hemisphere) contain the following:

* an A/California/7/2009 (H1N1)pdm09-like virus;
* an A/Perth/16/2009 (H3N2)-like virus;
* a B/Brisbane/60/2008-like virus.

**Recommended composition of influenza virus vaccines for use in the 2013 southern hemisphere influenza season**

**20 September 2012**

It is recommended that trivalent vaccines for use in the 2013 influenza season (southern hemisphere winter) contain the following:

* an A/California/7/2009 (H1N1)pdm09-like virus \*;
* an A/Victoria/361/2011 (H3N2)-like virus \*\*;
* a B/Wisconsin/1/2010-like virus \*\*\*;

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Brisbane/60/2008-like virus \*\*\*\*.

\* A/Christchurch/16/2010 is an A/California/7/2009-like virus;  
\*\* A/Ohio/2/2012, A/Maryland/2/2012, A/South Australia/30/2012, A/Brisbane/1/2012 and A/Brisbane/6/2012 are A/Victoria/361/2011-like viruses;  
\*\*\* B/Hubei-Wujiagang/158/2009 and B/Texas/6/2011 are B/Wisconsin/1/2010-like viruses;  
\*\*\*\* B/Brisbane/33/2008 is a B/Brisbane/60/2008-like virus.

**Recommended composition of influenza virus vaccines for use in the 2014 southern hemisphere influenza season**

**26 September 2013**

It is recommended that trivalent vaccines for use in the 2014 influenza season (southern hemisphere winter) contain the following:

* an A/California/7/2009 (H1N1)pdm09-like virusa;
* an A/Texas/50/2012 (H3N2)-like virusb\*;
* a B/Massachusetts/2/2012-like virus.

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Brisbane/60/2008-like virus.

a A/Christchurch/16/2010 is an A/California/7/2009-like virus.  
b A/Texas/50/2012 is an A(H3N2) virus that following adaptation to growth in eggs has maintained antigenic properties similar to the majority of recently circulating cell-propagated A(H3N2) viruses including A/Victoria/361/2011.

**Recommended composition of influenza virus vaccines for use in the 2015 southern hemisphere influenza season**

**25 September 2014**

It is recommended that trivalent vaccines for use in the 2015 influenza season (southern hemisphere winter) contain the following:

* an A/California/7/2009 (H1N1)pdm09-like virus;
* an A/Switzerland/9715293/2013 (H3N2)-like virusa;
* a B/Phuket/3073/2013-like virus.

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Brisbane/60/2008-like virus.

aA/South Australia/55/2014, A/Norway/466/2014 and A/Stockholm/6/2014 are A/Switzerland/9715293/2013-like viruses

**Recommended composition of influenza virus vaccines for use in the 2016 southern hemisphere influenza season**

**24 September 2015**

It is recommended that trivalent vaccines for use in the 2016 influenza season (southern hemisphere winter) contain the following:

* an A/California/7/2009 (H1N1)pdm09-like virus;
* an A/Hong Kong/4801/2014 (H3N2)-like virus;
* a B/Brisbane/60/2008-like virus.

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Phuket/3073/2013-like virus.

**Recommended composition of influenza virus vaccines for use in the 2017 southern hemisphere influenza season**

**29 September 2016**

It is recommended that trivalent vaccines for use in the 2017 southern hemisphere influenza season contain the following:

* an A/Michigan/45/2015 (H1N1)pdm09-like virus;
* an A/Hong Kong/4801/2014 (H3N2)-like virus; and
* a B/Brisbane/60/2008-like virus.

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Phuket/3073/2013-like virus.

**Recommended composition of influenza virus vaccines for use in the 2018 southern hemisphere influenza season**

**28 September 2017**

It is recommended that trivalent vaccines for use in the 2018 southern hemisphere influenza season contain the following:

* an A/Michigan/45/2015 (H1N1)pdm09-like virus;
* an A/Singapore/INFIMH-16-0019/2016 (H3N2)-like virus; and
* a B/Phuket/3073/2013-like virus.

It is recommended that quadrivalent vaccines containing two influenza B viruses contain the above three viruses and a B/Brisbane/60/2008-like virus.

**Recommended composition of influenza virus vaccines for use in the 2019 southern hemisphere influenza season**

**27 September 2018**

It is recommended that egg based quadrivalent vaccines for use in the 2019 southern hemisphere influenza season contain the following:

* an A/Michigan/45/2015 (H1N1)pdm09-like virus;
* an A/Switzerland/8060/2017 (H3N2)-like virus;
* a B/Colorado/06/2017-like virus (B/Victoria/2/87 lineage); and
* a B/Phuket/3073/2013-like virus (B/Yamagata/16/88 lineage).

It is recommended that egg based trivalent vaccines for use in the 2019 southern hemisphere influenza season contain the following:

* an A/Michigan/45/2015 (H1N1)pdm09-like virus;
* an A/Switzerland/8060/2017 (H3N2)-like virus; and
* a B/Colorado/06/2017-like virus (B/Victoria/2/87 lineage).