Evolution of a pandemic A(H1N1) 2009

April 2009 – March 2010

World Health Organization
Evolution of a pandemic
A(H1N1) 2009

APRIL 2009 – MARCH 2010
On Saturday, 25 April, upon the advice of the Emergency Committee called under the rules of the International Health Regulations, the Director-General declared this event a Public Health Emergency of International Concern.

WHO Member States with publicly available Pandemic Preparedness Plans at the start of the Pandemic (H1N1) 2009

Note: Hong Kong reported a Pandemic Influenza Preparedness Plan in 2005.
“The Director-General has raised the level of influenza pandemic alert … to phase 4 … [and] indicates that the likelihood of a pandemic has increased, but not that a pandemic is inevitable.”


“… decided to raise the current level of influenza pandemic alert to phase 5. Influenza pandemics must be taken seriously precisely because of their capacity to spread rapidly to every country in the world.”

27 April 2009  **Pandemic (H1N1) 2009**
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
WHO Global Influenza Surveillance Network (GISN)
27 May 2009  **Pandemic (H1N1) 2009**
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
“As of today, nearly 30 000 confirmed cases have been reported in 74 countries. [...] Further spread is considered inevitable. [...] I have therefore decided to raise the level of influenza pandemic alert from phase 5 to phase 6. [...] Globally, we have good reason to believe that this pandemic, at least in its early days, will be of moderate severity.”

17 June 2009  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
“Although the severity of the pandemic is currently considered to be moderate [. . .] All countries should immunize their healthcare workers as a first priority to protect the essential health infrastructure.”

http://www.who.int/csr/disease/swineflu/notes/h1n1_vaccine_20090713/en/index.html
1 July 2009  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
Collaborative call to action to reduce impact of pandemic H1N1 2009

“WHO, IFRC, UNSIC, OCHA and UNICEF,* prompted by the humanitarian imperative, will work with partners such as the Red Cross and Red Crescent Societies, NGOs and civil society to support governments and communities to reduce the impact from the pandemic (H1N1) 2009.”


2 August 2009  **Pandemic (H1N1) 2009**
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
“WHO applauds and welcomes the announcement of donations of pandemic vaccine made today by the United States of America, in concert with Australia, Brazil, France, Italy, New Zealand, Norway, Switzerland, and the United Kingdom.”

6 September 2009  **Pandemic (H1N1) 2009**
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
October

Shipment of specimen routes to WHO Collaborating Centres

to Atlanta
to London
to Melbourne
to Tokyo

Number of countries reporting pandemic A influenza (2009) cases by week between April 2009 and March 2010

0 50 100 150 200 250
2009 Weeks 2010

Number of countries
4 October 2009  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
The intensity indicator is an estimate of the proportion of the population with acute respiratory disease, covering the spectrum of disease from influenza-like illness to pneumonia.
1 November 2009  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
December

Percentage of specimens testing positive for influenza and distribution of virus subtypes

29 November – 6 December 2009
6 December 2009  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
WHO has coordinated the distribution of pandemic (H1N1) 2009 vaccine donated by several countries and vaccine manufacturers.
3 January 2010 Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
7th Meeting of the Emergency Committee

“… it was premature to conclude that all parts of the world have experienced peak transmission of the H1N1 pandemic influenza […] the Director-General determined that there had been no change in the pandemic phase.”

http://www.who.int/csr/disease/swineflu/7th_meeting_ihr/en/index.html
7 February 2010  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
Monitoring the pandemic: WHO update 90: 8–14 March 2010
Trend of respiratory disease activity compared to previous week

Week 10, March 2010
14 March 2010  Pandemic (H1N1) 2009
Countries, territories and areas with lab-confirmed cases and number of deaths as reported to WHO
27 April – Phase 4 declared

28 April – Laboratory diagnostic protocol published

29 April – Phase 5 declared

2 May – Diagnostic kits made globally available

26 May – Vaccine strain recommendation

27 May – Vaccine reassortants available

11 June – Phase 6 declared

24 June – WHO Consultation on schools and mass gatherings

13 July – Target groups for vaccination decided by SAGE
http://www.who.int/csr/disease/swineflu/notes/h1n1_vaccine_20090713/en/index.html

17 August – Call to action

7 January – WHO donated H1N1 vaccine deployment
http://www.euro.who.int/influenza/AH1N1/20100108_1

21 January – EB decision to convene the IHR/Pandemic review