

## Pandemics of the 20th Century

Pandemic (date and common name)	Considered Area of Emergence	Influenza A Virus Type	Estimated Reproductive number <sub>1</sub>	Estimated Case Fatality Rate	Estimated attributable excess mortality worldwide	Age groups most affected (simulated attack rates)
1918 - 1919 Spanish Influenza	Unclear	H1N1	1.54-1.83	2-3% <sub>2</sub>	20 – 50 million <sub>3</sub>	Young adults <sub>4</sub>
1957 - 1958 Asian Flu	Southern China	H2N2	1.50	<0.2% <sub>2</sub>	1-4 million <sub>4</sub>	Children most affected <sub>5</sub>
1968 - 1969 Hong Kong Flu	Southern China	H3N2	1.28-1.56	<0.2% <sub>2</sub>	1-4 million <sub>4</sub>	Across all age groups <sub>6</sub>

Other influenza viruses (mostly H1N1 types) have emerged in the 20th Century. They have not caused pandemics but they have required inclusion in the seasonal vaccines.<sub>7</sub> In 1977 one H1N1 virus emerged, again from China and spread world wide mostly affecting children and adolescents.<sub>2,7</sub>

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Source: By courtesy of European Centre for Disease Prevention and Control