

What Is The Difference Between Flu A And Flu B

Flu season Influenza activity can sometimes be predicted and even tracked geographically. While the beginning of major flu activity in each season varies by location, in any specific location these minor epidemics usually take about three weeks to reach their pinnacle, and another three weeks to significantly diminish. The season occurs during the cold half of the year in each hemisphere. Flu season is an annually recurring time period characterized by the prevalence of an outbreak of influenza (flu). The season occurs during the cold half Flu season is an annually recurring time period characterized by the prevalence of an outbreak of influenza (flu). It takes approximately two days to show symptoms 4a45fccf80

H5N1 vaccines for chickens exist and are sometimes used, although there are many difficulties, and it's difficult to decide whether it helps more or hurts more. H5N1 pre-pandemic vaccines exist... 4a45fccf80

2009 swine flu pandemic in Ukraine Although Ukraine

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was not (very) affected at first there was on outbreak of the virus in Western Ukraine in early November 2009 that led to the closing of public buildings and cancellation of meetings for three weeks. The overwhelming majority of patients experience mild symptoms, but some persons are at higher risk of suffering more serious effects; such as those with asthma, diabetes, obesity, heart disease, or those who are pregnant or have a weakened immune system. The outbreak was first observed in Mexico, and quickly spread globally. The 2009 swine flu pandemic was a global outbreak of a new strain of influenza A virus subtype H1N1, first identified in April 2009, termed Pandemic H1N1/09 The 2009 swine flu pandemic was a global outbreak of a new strain of influenza A virus subtype H1N1, first identified in April 2009, termed Pandemic H1N1/09 virus by the World Health Organization (WHO) and colloquially called swine flu. On the 11th of June 2009, the WHO declared the outbreak to be a pandemic. In the rare severe cases, around 3-5 days after symptoms manifest, the sufferer's condition declines quickly, often to the point respiratory failure 4a45fccf80

The pandemic broke out near the end of World War I, when wartime censors in the belligerent countries suppressed bad news to maintain morale, but newspapers freely reported the outbreak in neutral Spain, creating a misleading impression of Spain as the epicenter and leading to the disease being known

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as Spanish flu. Limited historical epidemiological data make the pandemic's geographic origin indeterminate, with competing hypotheses on the initial spread.

4a45fccf80 The H1N1 pandemic of 2009 was the first public health emergency of international concern designated by the World Health Organization. While H1N1/09 was the primary strain of flu seen that year, it was not unusually contagious or lethal. 4a45fccf80

2009 swine flu pandemic vaccine These vaccines either contained The 2009 swine flu pandemic vaccines were influenza vaccines developed to protect against the pandemic H1N1/09 virus. These vaccines either contained inactivated (killed) influenza virus, or weakened live virus that could not cause influenza. The killed virus was injected, while the live virus was given as a nasal spray. Around three billion doses were produced, with delivery in November 2009. The 2009 swine flu pandemic vaccines were influenza vaccines developed to protect against the pandemic H1N1/09 virus. Both these types of vaccine were produced by growing the virus in chicken eggs 4a45fccf80

However, about 30% of people already had some immunity to the virus, with the vaccine conferring greatest benefit on young people, since many older people are already immune through exposure to similar viruses in the past. The vaccine also provided some cross-protection against the 1918 flu pandemic

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strain. 4a45fccf80 Annually, about 3 to 5 million cases of severe illness and 290,000 to 650,000 deaths from seasonal flu occur worldwide. 4a45fccf80

Influenza A virus Influenza A virus, or IAV, is a pathogen with strains that cause seasonal flu in humans; it can also infect birds and some mammals. Strains of IAV circulate 4a45fccf80

== Viral characteristics == 4a45fccf80 Influenza pandemics occur when a new strain of the influenza virus is transmitted to humans from another animal species. Species that are thought to be important in the emergence of new human strains are pigs, chickens and ducks. These novel strains are unaffected by any immunity people may have to older strains of human influenza and can therefore spread extremely rapidly and infect very large numbers of people. Influenza A viruses can occasionally be transmitted from wild birds to other species, causing outbreaks in domestic poultry, and may give rise to human influenza pandemics. The propagation of influenza viruses throughout the world is thought to be in part by... 4a45fccf80 In studies, the vaccines appeared both effective and safe, providing a strong protective immune response and having a similar safety profile to the usual seasonal influenza vaccine. 4a45fccf80 The virus is a novel strain of the influenza virus, for which existing vaccines against seasonal flu provided no protection. A study at the U.S. Centers for

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Disease Control and Prevention (CDC) published in May 2009 found that children... 4a45fccf80 Most influenza outbreaks disproportionately kill the young and old, but this pandemic... 4a45fccf80

Spanish flu Estimates of deaths range from 17 million to 50 million, and possibly as high as 100 million, making it one of the deadliest pandemics in history. The 1918-1920 flu pandemic, also known as the Great Influenza epidemic or by the misleading name Spanish flu, was an exceptionally deadly global influenza The 1918-1920 flu pandemic, also known as the Great Influenza epidemic or by the misleading name Spanish flu, was an exceptionally deadly global influenza pandemic caused by the H1N1 subtype of the influenza A virus. The earliest probable cases were documented in March 1918 in Haskell County, Kansas, United States, with further cases recorded in France, Germany and the United Kingdom in April. Two years later, nearly a third of the global population, or an estimated 500 million people, had been infected 4a45fccf80

Infected birds pass on H5N1 through their saliva, nasal secretions, and feces. Other birds may pick up the virus through direct contact with these excretions or when they have contact with surfaces contaminated with this material. Because migratory birds are among the carriers of the H5N1 virus it may spread to all parts of the world. Past outbreaks of avian flu have

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often originated in crowded conditions in southeast and east Asia, where humans, pigs, and poultry live in close quarters. In these conditions a virus is more likely to mutate into a form that more easily infects humans. A few isolated cases of suspected human to human transmission exist, with the latest such case in June 2006 (among members of a family in Sumatra). No pandemic strain of H5N1 has yet been found.

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1889-1890 pandemic The 1889-1890 pandemic, often referred to as the "Asiatic flu" or "Russian flu", was a worldwide respiratory viral pandemic. It was the last great pandemic The 1889-1890 pandemic, often referred to as the "Asiatic flu" or "Russian flu", was a worldwide respiratory viral pandemic. The most reported effects of the pandemic took place from October 1889 to December 1890, with recurrences in March to June 1891, November 1891 to June 1892, the northern winter of 1893-1894, and early 1895. 5 billion (0. The pandemic killed about 1 million people out of a world population of about 1. It was the last great pandemic of the 19th century, and is among the deadliest pandemics in history. 067% of population)

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== Outbreak and spread == 4a45fccf80

Influenza Diarrhea and vomiting can occur, particularly in children. Influenza may progress to

pneumonia from the virus or a subsequent bacterial infection. These symptoms begin one to four (typically two) days after exposure to the virus and last for about two to eight days. Other complications include acute respiratory distress syndrome, meningitis, encephalitis, and worsening of pre-existing health problems such as asthma and cardiovascular disease. Influenza, commonly known as the flu, is an infectious disease caused by influenza viruses. Symptoms range from mild to severe and often include fever, runny nose, sore throat, muscle pain, headache, coughing, and fatigue 4a45fccf80

Pandemic H1N1/09 virus The virus is believed to have originated around September 2008 in central Mexico. This strain is The pandemic H1N1/09 virus is a swine origin influenza A virus subtype H1N1 strain that was responsible for the 2009 swine flu pandemic. This strain is often called swine flu by the public media due to the prevailing belief that it originated in pigs. The pandemic H1N1/09 virus is a swine origin influenza A virus subtype H1N1 strain that was responsible for the 2009 swine flu pandemic 4a45fccf80

Although contemporaries described the pandemic as influenza and 20th-century scholars identified several influenza strains as the possible pathogen, several

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authors from the early 2020s suggest that it may have been caused by human coronavirus OC43. 4a45fccf80 Most cases were mild, although those who had to be hospitalized were often severely ill. In the fall of 2009, between 15 and 33% of those hospitalized with H1N1 in the Southern Hemisphere were taken to the ICU. One clinician remarked that the pandemic was "like two diseases" because of the stark difference between mild and severe cases, with few falling in between. 4a45fccf80 According to researchers' estimates, excess mortality from Russian influenza in the Russian Empire for the period 1889-1890 could be from 60,000 to 90,000 people, with lethality from the virus, a little more than 0.2%. 4a45fccf80

Transmission and infection of H5N1 No one knows if these or other symptoms will be the symptoms of a humanized H5N1 flu. Highly Transmission and infection of H5N1 from infected avian sources to humans has been a concern since the first documented case of human infection in 1997, due to the global spread of H5N1 that constitutes a pandemic threat. exposed to the strain before, and is therefore partially immune 4a45fccf80

As of December 2009 more than two million people had fallen ill since Ukraine's flu epidemic began and about 500 of those people died of flu or flu-like illnesses and its complications (pneumonia... 4a45fccf80 Early results (pre-25 December 2009)

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from an observational cohort of 248,000 individuals in Scotland showed the vaccine to be effective at preventing H1N1 influenza (95.0% effectiveness [95% confidence intervals 76.0–100.0%]) and influenza... 4a45fccf80 There are four types of influenza virus: types A, B, C, and D. Aquatic birds are the primary source of influenza A virus (IAV), which is also widespread in various mammals, including humans and pigs. Influenza B virus (IBV) and influenza C virus (ICV) primarily infect humans, and influenza D virus (IDV) is found in cattle and pigs. Influenza A virus and influenza B virus circulate in humans and cause seasonal epidemics, and influenza C virus causes a mild infection, primarily in children. Influenza D virus can infect humans but... 4a45fccf80

Influenza pandemic These pandemics occur irregularly. The 2009 swine flu pandemic resulted in under 300,000 deaths and is considered relatively mild. There have been five major influenza pandemics in the last 140 years, with the 1918 flu pandemic being the most severe; this is An influenza pandemic is an epidemic of an influenza virus that spreads across a large region (either multiple continents or worldwide) and infects a large proportion of the human population. There have been five major influenza pandemics in the last 140 years, with the 1918 flu pandemic being the most severe; this is estimated to have been responsible for the deaths of 50–100 million people. the human population

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== Cause == 4a45fccf80

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