

---

# H1N1 VIRUS

---



*Virus with genes of avian origin*

**WHEN &** Globally - in the United States the first outbreak was identified in military personnel in March 1918 at Camp Funston in Fort Riley, Kansas.

**WHERE:** September 1918 the second wave of flu emerges at Camp Devens outside of Boston. November 1918 creates a resurgence in influenza cases as people celebrate Armistice Day and soldiers begin to return to the United States. A third wave strikes the United States in winter and spring of 1919.

**1918-  
1919**

*About 500 million people- at the time, a third of the world's population - were infected.*

**TRANSMISSION:** Spread through airborne respiratory droplets when an infected person coughs, sneezes, or talks.

**SYMPTOMS:** Virus that attacks the respiratory system. Some symptoms included fever, chills, aches, pneumonia, nausea, and diarrhea.

## *Lasting Effects*

Massive death toll leaving many widows and orphans and wiping out entire families. Economic downturn where many businesses were forced to shutdown or many employees were laid off.

**CURE:** No vaccine to protect against influenza and no antibiotics to treat secondary bacterial infections that it can be associated with. Therefore, control efforts are limited to isolation, quarantine, personal hygiene, disinfectants, and limitations on public gatherings.

**ERADICATED GLOBALLY? *NO!***

This pandemic caused at least 50 million deaths worldwide and approximately 675,000 in the United States. The groundbreaking research by the teamwork of several prominent microbiologists across the world led to the discovery, sequencing, and reconstruction of the 1918 flu, the deadliest flu pandemic in modern history. See the CDC for more information: <https://bit.ly/3bqQbFG>