AUGUST 1918
Weekly public health report tells
tells of first U.S. flu fatalities with three
deaths in Haskell, Kan.

100,000 TO 195,000
Number of U.S. deaths in
October 1918 alone during
the deadly second wave of
the pandemic, which hit from
September through November,
beginning in the Boston area

675,000
Number of deaths in the U.S.
attributed to the pandemic

40%
Decline in shipyard productivity
reported in New York City due to
flu illnesses in the midst of World
War I

12 YEARS
The number of years that life
expectancy in the U.S. had fallen
by 1919 because of the pandemic,
to 36.6 years for men and 42.2
years for women

500 MILLION
The number of people worldwide who
became infected with the virus, about
one-third of the world’s population

50 MILLION
Number of deaths worldwide
attributed to the pandemic

ZERO
Number of laboratory tests to
diagnose, detect or characterize
the flu in 1918

2005
The year CDC researchers
were able to physically
reconstruct the 1918 pandemic
virus with reverse genetics. They
found the HA and PB1 virus
genesis made for “maximum
replication and virulence”
The 1918 Pandemic

The influenza pandemic of 1918 spread across Europe, Asia and North America in three distinct but uneven waves, and was fatal for about 2 percent of those who caught it. Global data is incomplete, but death rates in Britain hint at the severity of the three waves.

**Weekly influenza and pneumonia deaths in Britain, 1918-19**

<table>
<thead>
<tr>
<th>Month</th>
<th>First Wave</th>
<th>Second Wave</th>
<th>Third Wave</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1918</td>
<td>High rate of infection, but relatively few deaths.</td>
<td>High rates of death.</td>
<td>Many nations experienced a third wave of flu in early 1919.</td>
</tr>
</tbody>
</table>

Sources: Emerging Infectious Diseases; Jeffery K. Taubenberger and David M. Morens

THE NEW YORK TIMES
AND THEN (A LITTLE SNEAKY MUSIC, PROFESSOR!) ENTERS THE VILLAIN, SENOR SPANISH INFLUENZA.

MISS L.A. HOW DO YOU KA-CHOO?

BUT DR. POWERS SAYS THERE SHALL BE NO MEETINGS!

C.S. VIEW OF THE "FLU." LET'ER FLU! SCHOOL CLOSED

THE SCHOOL-KID'S VIEW. WHY, IT'S A CENSORED!!

AND A MOVIE-THEATRE OWNERS VIEWS.
Flattening the Curve

**Philadelphia**
748 Deaths per 100,000 after 24 weeks of pandemic

Philadelphia waited eight days after their death rate began to take off before banning gatherings and closing schools. They endured the highest peak death rate of all cities studied.

**San Francisco**
673 Deaths per 100,000

After relaxing social distancing measures, San Francisco faced a long second wave of deaths.

**New York**
452 Deaths per 100,000

New York City began quarantine measures very early—11 days before the death rate spiked. The city had the lowest death rate on the Eastern Seaboard.

**St. Louis**
358 Deaths per 100,000

St. Louis had strong social distancing measures and a low total death rate. The city successfully delayed its peak in deaths, but faced a sharp increase when restrictions were temporarily relaxed.