

Macro Roundup Article

Headline: [How the Current Bird Flu Strain Evolved to be so Deadly](#)

Article Link: <https://www.nature.com/articles/d41586-023-03256-3>

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Summary: The study, published in Nature on October 18th, looked at changes to the virus's genome over time and used data on reported outbreaks to track how it spread. In 2020, the rate of spread among wild birds was three times faster than that in farmed poultry, because of mutations that allowed the virus to adapt to diverse species. Outbreaks are usually seasonal, synchronizing with bird migration in Northern Hemisphere autumn. But since November 2021, they have become persistent. In 2022, the virus killed millions of birds across five continents and seeded outbreaks among farmed mink and various marine mammals.

Related Articles: [Bird Flu's Surge Has Scientists Seeking Clues to Prevent the Next Pandemic](#) and [Bird Flu Sample from Chilean Man Showed Some Signs of Adaptation to Mammals](#)

Primary Topic: Science

Topics: News article, Science

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