

Macro Roundup Article

Headline: [Bird Flu Outbreak in US Cows: Why Scientists Are Concerned](#)

Article Link: <https://www.nature.com/articles/d41586-024-01036-1>

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Summary: In the past two weeks, health officials have detected H5N1 in cows from 16 herds across six states — a number that is likely to increase as US surveillance is stepped up. Researchers have previously documented sporadic infections of cows with flu viruses closely related to H5N1, but no widespread outbreaks had been detected until now. One dairy worker in Texas has been infected, but the US Centers for Disease Control and Prevention reports that the person is recovering. The virus infecting the worker is closely related to the strains found in dairy cattle in Texas, with one notable distinction: the worker's variant has a mutation that is linked to more efficient spread in mammals. Related: [How the Current Bird Flu Strain Evolved to be So Deadly](#) and [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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