

Influenza seasonality in the U.S.

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Influenza is a contagious, seasonal respiratory illness caused by the Influenza A and Influenza B viruses. The influenza season typically begins in the late fall and peaks in the winter months in the Northern hemisphere. It is estimated that the burden of seasonal flu illness in the US is in the tens of millions, leading to tens of thousands of deaths annually. State level data on the burden of flu in the US is available from [Flu View Interactive](#), a dashboard to access data from the CDC Influenza-like illness surveillance network (aka ILINet). From the dashboard, you can select a level of data aggregation, time period, and data source. Your task is to create a visualization to investigate the stability of the seasonal flu pattern in the US from 2010 to 2022. How much variation is there from year to year in when the flu season occurs? How much variation is there from state to state? Is there a relationship between the timing of the flu season and the burden in previous years?