

## When is the influenza peak season?

CDC provides weekly influenza surveillance data through FluView and the R package `cdcfluview`. Since the package seems to be dropped from CRAN, pull from the github site. ILINet (Influenza-like Illness Surveillance Network) data contains weekly levels across the US and can be summarized by region (e.g. "national" or specific state names). WHO NREVSS (National Respiratory and Enteric Virus Surveillance System) provides more detailed data including counts of types and subtypes and splitting the data out into public health lab and clinical datasets.

Flu Cases Comparison: ILINet vs WHO NREVSS (public health lab & clinical)



Seems mostly consistent with "influenza activity typically begins to increase in early November and peaks between December and February". To dig further, using only ILINet data, aggregate monthly case counts and calculate an average case count across 2010 to 2024:

Average Seasonal Influenza Pattern (2010–2024)

