**Figure S1.** Supplemental figures showing the time series of the average weekly temperature, specific humidity and percent influenza positive cases by site, 2007 to 2013

The vertical lines indicates the identified onset week and the dotted horizontal line shows the 10% infleunza positive cut-off point.

**Definitions:**

1. *Cold-dry* week was defined as the week when temperature was <180C and specific humidity was <11g/kg.
2. *Humid-rainy* week was defined as the week when specific humidity was >14g/kg and rainfall was >150mm.

















