Prevalence and Predictive Value of Rapid Influenza Diagnostic Tests

PPV and NPV Vary by Prevalence (Influenza Activity)

- Prevalence of circulating influenza viruses (varies by time)
  - Major determinant of predictive values of RIDTs

- High influenza activity:
  - Positive Predictive Value is HIGHEST
  - Negative Predictive Value is LOWEST

- Low influenza activity:
  - Negative Predictive Value is HIGHEST
  - Positive Predictive Value is LOWEST

Source: Dr. Tim Uyeki, CDC