S1 Table: Case definitions for severe acute respiratory infection (SARI) used in sentinel surveillance (2008-2014)

|-----------|-----------|-----------|
| • Age 2-59 months, AND  
  • Hospitalized, AND  
  • Cough OR tachypnea, AND  
  • At least one sign of pneumonia*  
  OR  
  • Age ≥ 5 years, AND  
  • Hospitalized, AND  
  • Fever (≥38°C), AND  
  • Cough OR sore throat, AND  
  • Shortness of breath OR difficulty breathing | • Age ≥ 31 days, AND  
  • Hospitalized, AND  
  • History of fever OR current fever (≥38°C) OR current hypothermia (<35.5°C), AND  
  • At least one sign of respiratory infection†  
  OR  
  • Age ≥ 31 days, AND  
  • Hospitalized, AND  
  • At least one physician assessment criterion‡ | • Hospitalized, AND  
  • Fever (≥38°C) within last seven days, AND  
  • Cough  
  OR  
  • Hospitalized, AND  
  • Clinically-suspected respiratory infection |

* Nasal flaring, chest indrawing, inability to breastfeed, vomiting, grunting, convulsions, stridor, tachypnea or lethargy
† Abnormal breath sounds, tachypnea, cough, sputum production, hemoptysis, chest pain, sore throat or dyspnea
‡ Severe influenza-like illness, suspected pandemic H1N1 2009, suspected or x-ray confirmed pneumonia or other respiratory illness