Influenza activity remained high in King County during week 4 (week ending 01/31/2015), but showed indications of decreasing. Positive specimens from outpatient surveillance and from reporting hospital laboratories have been identified as influenza A, with a small number of influenza B infections also detected. Among specimens submitted to King County Public Health Laboratory, the majority have been typed as A(H3). During the week ending 01/31/2015, King County received three reports of laboratory-confirmed influenza A outbreaks from long-term care facilities (LTCFs) and six reports of laboratory-confirmed influenza deaths; during the past five years, Public Health has received 7 - 24 reports of influenza deaths and 7 - 55 reports of outbreaks of influenza-like illness (ILI) in LTCFs. The proportion of emergency department visits attributable to influenza-like illness (ILI) decreased but remained high. During the week ending 01/31/2015, the University of Washington Virology laboratory saw elevated but declining numbers of specimens positive for influenza A and high levels of respiratory syncytial virus (RSV).