

VIROLOGY Quarterly report (October to December 2007)

(Available at http://www.surv.esr.cri.nz/virology/virology_quarterly_report.php)

RESPIRATORY VIRUSES

Influenza virus

- 59 influenza viruses were reported from sentinel and laboratory-based surveillance (2006, 1).
- 29 were identified as influenza A, 2 as A/New Caledonia/20/99 (H1N1)–like strains, 2 as A (H1N1) not-antigenically-subtyped, 9 as A/Wisconsin/67/2005 (H3N2)–like strains, 2 as A (H3N2) not-antigenically-subtyped, and 14 as A not-subtyped.
- 30 were identified as influenza B, 28 as B/Shanghai/361/2002–like strains, 2 not subtyped.

Respiratory Syncytial Virus, Rhinoviruses and parainfluenza viruses

- 75 cases of respiratory syncytial virus were reported (2006, 28).
- 10 rhinoviruses were reported (2006, 5).
- 45 parainfluenza viruses were reported (2005, 48). Among them, 44 were further typed as parainfluenza type 3, and one as parainfluenza type 1.

ADENOVIRUSES AND ENTEROVIRUSES

Adenoviruses

- 176 adenoviruses were reported (2006, 97).
- Adenovirus type 3 is the predominant serotype.
- 162 adenoviruses were serotyped as adenovirus type 1 (27), type 2 (8), type 3 (79), type 4 (4), type 5 (2), type 6 (1), type 7 (4), type 8 (26), type 15 (1), type 37 (7) and untypable (3).

Enteroviruses

- 50 enteroviruses were reported (2006, 55)
- 28 enteroviruses were serotyped as Coxsackie B4 (1), Coxsackie A16 (1), Coxsackie A24 (1), Echovirus 3 (1), Echovirus 6 (7), Echovirus 7 (3), Echovirus 11 (8) and Echovirus 27 (2), Echovirus 30 (1), Enterovirus 71 (2) and untypable (1).