

VIROLOGY Quarterly report (April to June 2006)

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

RESPIRATORY VIRUSES

Influenza virus

- 173 influenza viruses were reported from sentinel and laboratory-based surveillance (2005, 338).
- 171 were identified as influenza A, 140 as A/New York/55/2004 (H3N2) –like strains, 3 as A/New Caledonia/20/99 (H1N1) – like strains, and 28 as not-subtyped.
- 2 were identified as influenza B, 1 as B/Shanghai/361/2002 – like strain and 1 B/Malasia/2506/2004 – like strain.

Respiratory Syncytial Virus, Rhinoviruses and parainfluenza viruses

- 92 cases of respiratory syncytial virus were reported (2005, 77).
- 7 rhinoviruses were reported (2005, 11).
- 25 parainfluenza viruses were reported (2005, 22). Among them, 23 were further typed as parainfluenza type 1, 1 as type 2 and 1 as type 3.

ADENOVIRUSES AND ENTEROVIRUSES

Adenoviruses

- 64 adenoviruses were reported (2005, 63).
- Adenovirus type 2 and type 19 were the predominant serotypes.
- 49 adenoviruses were serotyped as adenovirus type 1 (2), type 2 (10), type 3 (2), type 4 (8), type 8 (2), type 11 (1), type 15/29 (4), type 16 (1), type 19 (9), type 22 (1), type 37 (3), type 41 (2), and untypable (4).

Enteroviruses

- 33 enteroviruses were reported (2005, 44)
- 15 enteroviruses were serotyped as Coxsackie B2 (1), Coxsackie B5 (1), Coxsackie A6 (2), Coxsackie A10 (2), Coxsackie A24 (1), Echovirus 3 (1), Echovirus 6 (1), Echovirus 7 (2), Echovirus 9 (1), Echovirus 18 (1), Echovirus 22 (1), and untypable (1).