

VIROLOGY Quarterly report (April to June 2007)

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

RESPIRATORY VIRUSES

Influenza virus

- 93 influenza viruses were reported from sentinel and laboratory-based surveillance (2006, 175).
- 88 were identified as influenza A, 38 as A/New Caledonia/20/99 (H1N1) – like strains, 1 as A(H1N1) not-antigenically-subtyped, 3 as A/Wisconsin/67/2005 (H3N2) –like strains, 2 as A(H3N2) not-antigenically-subtyped, and 44 as A not-subtyped.
- 5 were identified as influenza B, 1 as B/Shanghai/361/2002 – like strain, and 4 as B not-antigenically-typed.

Respiratory Syncytial Virus, Rhinoviruses and parainfluenza viruses

- 38 cases of respiratory syncytial virus were reported (2006, 92).
- 6 rhinoviruses were reported (2006, 7).
- 11 parainfluenza viruses were reported (2006, 25). Among them, 9 were further typed as parainfluenza type 2, 2 as type 3.

ADENOVIRUSES AND ENTEROVIRUSES

Adenoviruses

- 168 adenoviruses were reported (2006, 64).
- Adenovirus type 8 and type 3 were the predominant serotypes. The outbreak of adenovirus type 8 has continued since the first quarter (January to March 2007). For more details of this outbreak, please see the website:
http://www.surv.esr.cri.nz/PDF_surveillance/NZPHSR/2007/NZPHSR2007June.pdf
- 146 adenoviruses were serotyped as adenovirus type 1 (1), type 2 (4), type 3 (26), type 4 (4), type 7 (1), type 8 (92), type 14 (1), type 15/29 (1), type 19 (1), type 37 (10), and untypable (5).

Enteroviruses

- 40 enteroviruses were reported (2006, 33)
- 19 enteroviruses were serotyped as Coxsackie B4 (2), Echovirus 6 (1), Echovirus 30 (6), Enterovirus type 71 (10).