



# Services provided by ESR

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Specialist Science Solutions

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protecting people and their environment through science

# Diagnostic services

- **Diseases of outbreak concern**
  - e.g. Dengue Fever, Leptospirosis, Typhoid Fever
- **Subject to capacity**
- **Emergency support a high priority in the absence of formal arrangements**
- **Physical containment (PC)3+ level laboratory**
  - **Biosecurity expertise**

# Surveillance and epidemiology

- **Surveillance system support**
  - NB: Different operating environments
- **National outbreak investigation coordination**
  - Advice
  - Study design support
  - Analytical support
  - Early Aberration Reporting System (EARS)
- **General-practice based randomised national sero-prevalence study**
- **Publications – NZPHSR, PH Aide, annual notifiable disease and outbreak reports..**

# Training

- **Laboratory–based**
- **Surveillance and analysis**
- **Training programme**
  - **Introductory – getting the information**
  - **Outbreak investigation and coordination**
    - **Introductory and advanced**
  - **Train the trainer**
- **Subject specific e.g. biosecurity and biosafety**