

## MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report are based on information recorded on EpiSurv by Public Health Service (PHS) staff as at 11 July 2022. Changes made to EpiSurv after this date will not be reflected in this report. The data are provisional and include cases that are still under investigation, some of which may become 'Not a case'. For this reason, comparisons between the current year and previous years should be treated with caution.

### KEY NOTIFIABLE DISEASE TRENDS

#### COVID-19

There were 173,039 cases of COVID-19 notified in June 2022, a decrease from the 231,872 cases notified in May 2022. While BA.2 remained the most prevalent Omicron lineage across New Zealand throughout June, BA.5 began to account for an increasing proportion of cases. See the [Ministry of Health website](#) and ESR's [genomic insights dashboard](#) for more information.

#### Invasive pneumococcal disease

There were 95 confirmed cases of invasive pneumococcal disease notified in June 2022, compared with 41 cases for the same month in 2021. Of the 95 confirmed cases, 13 (14%) were in children aged under 5 years, all of which were due to serotype 19A. Seven of the cases aged under 5 years were fully vaccinated for their age with PCV10, four were partially vaccinated and two were eligible for vaccination but were unvaccinated. Ethnicity was known for 10 of the cases aged under 5 years and six (60%) were Māori or Pacific peoples. There were four deaths from invasive pneumococcal disease: one in a fully vaccinated child aged under 5 years with serotype 19A and three in adults aged over 60 years (two were serotype 19A).

#### Leptospirosis

There were 10 cases (9 confirmed and 1 under investigation) of leptospirosis notified in June 2022, compared with three cases for the same month in 2021. The nine confirmed cases ranged in age from 32 to 73 years, seven were male and two were female. Risk factor information was available for seven confirmed cases: six reported exposure to animals (five due to the nature of their occupation as farmers, a farrier and a meat worker) and one reported contact with soil. Eight confirmed cases were hospitalised. The serovar was identified for one case and was *Leptospira Ballum*. Six cases were confirmed by PCR.

#### Meningococcal disease

There were 13 confirmed cases of meningococcal disease notified in June 2022, bringing the total for the year to date to 24 cases (22 confirmed and 2 probable), compared with 17 cases for the same period in 2021. Fourteen of the 24 cases in 2022 to date were in children aged under 5 years, of which 12 were Māori and two were Pacific peoples; seven were aged <1 year and seven were 1-4 years. The group was identified in 18 cases; 15 were group B, two were group Y and one was group W. Nine different PorA types were identified from the group B cases, the most common was B:P1.7-12,14 (5 cases). One death from group B was reported in June in a child aged 1-4 years.

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## OUTBREAKS

### Respiratory illness

There were 22 respiratory illness outbreaks reported in June 2022. Sixteen outbreaks were influenza-like illness or acute respiratory infection (influenza A was identified in seven) and six were due to COVID-19. Thirteen outbreaks were in long-term care facilities, and three each were in schools, early childcare centres and hospitals.

### Rickettsial disease

An outbreak of murine typhus (*Rickettsia typhi*) was reported in June 2022, involving three cases (1 laboratory confirmed and 2 probable) in an Auckland household. All three were admitted to hospital. The cases were likely exposed to [fleas from stray kittens](#).

### Ongoing outbreaks

There were three cases of gastroenteritis due to *Vibrio parahaemolyticus* infection notified in June 2022, bringing the total in the outbreak since 15 November 2021 to 66 cases. The outbreak has been associated with consumption of oysters, mussels, shellfish, fish and kina.

One case of *Salmonella* Enteritidis sequence type 11 was identified as belonging to the Enteritidis\_2019\_C\_01 cluster in June, bringing the total in the outbreak since January 2021 to 63 cases. The outbreak has been linked to poultry and eggs.

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## TABLES

Tables for June are available as Excel files on the [Public Health Surveillance website](#).