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## 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 14 April 2020. 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 the previous year should be treated with caution.

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### KEY NOTIFIABLE DISEASE TRENDS

#### COVID-19

There were 744 cases of COVID-19 (668 confirmed and 76 probable) reported in March 2020. The majority of cases were reported from the Auckland region (262/744, 35.2%), followed by Waikato (108/744, 14.5%) and Southern (100/744, 13.4%) DHBs. The highest number of cases was in the 20–29 years age group (190, 25.5%). Over half (397/689, 57.6%) of the cases where overseas travel information was reported, had travelled overseas during the incubation period. Thirty-six cases (4.8%) were hospitalised, and two cases aged over 70 years died. More information can be found on the [ESR COVID-19 dashboard](#).

#### Legionellosis

There were 15 cases of legionellosis (8 confirmed and 7 under investigation) notified in March 2020, compared with five for the same month in 2019. Six cases that were under investigation have since been made 'not a case'. The serogroup was identified in seven confirmed cases: three were due to *Legionella longbeachae*, three were due to *L. pneumophila*, and one was due to *L. saintelensi*. One death was reported in a case aged over 70 years.

#### Mumps

There were 23 cases (19 confirmed, 3 probable and 1 under investigation) of mumps notified in March 2020, compared with eight for the same month in 2019. The majority of cases were reported from the Auckland region (13/23, 56.5%) and Southern DHB (7/23, 30.4%). Over two thirds (16/23, 69.6%) of cases were aged 15–29 years. One new mumps outbreak was reported from Southern DHB and there were two ongoing outbreaks in the Auckland region.

#### Paratyphoid fever

There were nine cases of paratyphoid fever notified in March 2020, compared with one for the same month in 2019. One case, due to *Salmonella* Paratyphi B var Java, has since been re-classified as salmonellosis. The remaining eight cases were identified as *Salmonella* Paratyphi A. Six cases had travelled to India during the incubation period and two had a prior travel history to Southeast Asia.

## Yersiniosis

There were 96 cases (92 confirmed and 4 under investigation) of yersiniosis notified in March 2020, compared with 88 for the same month in 2019. The highest number of cases were reported from the Auckland region (32/96, 33.3%), and Canterbury (15/96, 15.6%), and Waikato (11/96, 11.5%) DHBs. Over half (37/62, 59.7%) of the cases that were serotyped, were due to *Yersinia enterocolitica* biotype 2/3 serotype O:9. No outbreaks were reported.

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# OUTBREAKS

## COVID-19

Fifteen outbreaks of COVID-19 were reported in March 2020. The three largest outbreaks were reported from Auckland (Marist College), Southern (wedding party) and Waikato (hospitality venue). For more information on COVID-19 outbreaks, see the Ministry of Health website [here](#).

## Influenza-like illness

Six outbreaks of influenza-like illness were reported in March 2020. Three outbreaks were in long-term care facilities, one in a childcare centre, one in a school, and one involved a tour bus group. Influenza A was identified in the tour group outbreak, while no pathogen was identified in the remaining five outbreaks.

## Mumps

A community outbreaks of mumps was reported from Southern DHB in March. Nine cases were reported during February and March. The outbreak is continuing.

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# TABLES

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