

Outbreak Summary

Outbreak No.

OutbreakNumber

Reporting Authority

Officer responsible for investigation

OfficerName

Date outbreak reported

ReportDate

☐ Interim report

RptType

☐ Final report - date finalised

DtReportFinalised

☐ Not an outbreak

Name of outbreak (optional)

OutbreakName

Condition and Implicated Contaminant

Implicated contaminant (pathogen)

PathogenName

☐ Unknown

PathogenUnknown

subtype

PathSubtype

Condition (disease)

Condition

Other, specify

OthrIIISpec

Other known condition/implicated pathogen

OtherKnownCondition

☐ Yes

☐ No

Implicated contaminant (pathogen)

OtherPathogenName

☐ Unknown

subtype

OtherPathSubtype

OtherPathogenUnknown

Condition (disease)

OtherCondition

Other, specify

OtherOthrIIISpec

CASE DEFINITION(S)

Laboratory confirmed case

DefnLabConfirm

Clinically confirmed case

DefnConfirm

Probable case

DefnProbable

Outbreak Demographics

Number of people exposed

NoExposed

☐ Actual

☐ Approx

☐ Unknown

ExposedAccuracy

NoExposedUnknown

Number of cases (as per case defn above)

Lab confirmed

NoLabConfirmed

Number Hospitalised

NoHospital

Clinically confirmed

NoConfirmed

Number Died

NoDied

Probable

NoProbable

Total

NoTotal

Outbreak dates

Onset of illness in first case

FirstDate

Onset of illness in last case

LastDate

or

☐

Outbreak ongoing

Ongoing

Age of cases

Number for which age recorded

NoAgeRecorded

Median age (years)

AgeMedian

Range (years)

AgeRange

Sex of cases

Number of males

NoMales

Number of females

NoFemales

Incubation period

Median

IncMedian

☐ days

☐ hrs

IncMedianDayHr

Range

IncRange

☐ days

☐ hrs

IncRangeDayHr

Duration of illness

Median

DurMedian

☐ days

☐ hrs

DurMedianDayHr

Range

DurRange

☐ days

☐ hrs

DurRangeDayHr

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Circumstances of Exposure/Transmission

How was the outbreak first recognised? HowFirstRecognised

☐ Increase in disease incidence

☐ Cases had person to person contact with other cases(s)

☐ Cases attended common event

☐ Common organism type/strain characteristics between cases

☐ Cases linked to common source (eg food, water, environmental site)

☐ Other means (specify) OthMeaSpec

Were these cases part of a well-defined exposed group Exposed
☐ Yes
 ☐ No
 ☐ Unknown

(eg Common event, institutional, environmental, household)

If yes, date of exposure ExpoDate
 If exposure >1 day, date exposure ended DateExpEnd

Description of exposure event DesExEvent

First setting where exposure occurred
Setting unknown ☐ ExposureUnknown1

☐ Food premises ExposureType1

☐ Institution

☐ Workplace/Community/Other

☐ Restaurant/café/bakery ExposureFP1

☐ Hostel/boarding house ExposureInst1

☐ Workplace ExposureOther1

☐ Takeaway

☐ Hotel/motel

☐ Farm

☐ Supermarket/delicatessen

☐ Long term care facility

☐ Petting zoo

☐ Temporary or mobile service

☐ Hospital (acute care)

☐ Home

☐ Fast food restaurant

☐ Prison

☐ Community, church, sports gathering

☐ Caterers

☐ Camp

☐ Cruise ship, airline, tour bus, train

☐ Other food outlet

☐ School

☐ Childcare centre

☐ Other setting

☐ Marae

☐ Other institution

Setting name ExposureName1

Setting Address

Number

housen...

Street

streetname

suburb

Town/City

towncity

Post Code

postcode

☐ GeoCode

ad...

Second setting where exposure occurred
Setting unknown ☐ ExposureUnknown2

☐ Food premises ExposureType2

☐ Institution

☐ Workplace/Community/Other

☐ Restaurant/café/bakery ExposureFP2

☐ Hostel/boarding house ExposureInst2

☐ Workplace ExposureOther2

☐ Takeaway

☐ Hotel/motel

☐ Farm

☐ Supermarket/delicatessen

☐ Long term care facility

☐ Petting zoo

☐ Temporary or Mobile Service

☐ Hospital (acute care)

☐ Home

☐ Fast food restaurant

☐ Prison

☐ Community, church, sports gathering

☐ Caterers

☐ Camp

☐ Cruise ship, airline, tour bus, train

☐ Other food outlet

☐ School

☐ Childcare centre

☐ Other setting

☐ Marae

☐ Other institution

Setting name ExposureName2

Setting Address

Number

housen...

Street

streetname

suburb

Town/City

towncity

Post Code

postcode

☐ GeoCode

ad...

Outbreak Summary		Outbreak No.		OutbreakNumber
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Circumstances of Exposure/Transmission contd

First setting where contaminated food/beverage was prepared Setting unknown ☐ **PreparationUnknown1**

☐ Overseas manufacturer, specify PreparationOverseas1 PreparationType1	☐ Food premises	☐ Institution
☐ Restaurant/café/bakery PreparationFP1	☐ Hostel/boarding hse PreparationInst1	☐ Workplace/Community/Other
☐ Takeaway	☐ Hotel/motel	☐ Workplace PreparationOther1
☐ Supermarket/delicatessen	☐ Long term care facility	☐ Farm
☐ Temporary or Mobile Service	☐ Hospital (acute care)	☐ Petting zoo
☐ Fast food restaurant	☐ Prison	☐ Home
☐ Caterers	☐ Camp	☐ Community,church,sports gathering
☐ Other food outlet	☐ School ☐ Childcare centre	☐ Cruise ship, airline, tour bus, train
	☐ Marae	☐ Commercial food manufacturer
	☐ Other institution	☐ Other setting

Setting name PreparationName1

Setting Address

Number	housen...	Street	streetname	Suburb	suburb
Town/City	towncity		Post Code	postcode	☐ GeoCode ad...

Second setting where contaminated food/beverage was prepared Setting unknown ☐ **PreparationUnknown2**

☐ Overseas manufacturer, specify PreparationOverseas2 PreparationType2	☐ Food premises	☐ Institution
☐ Restaurant/café/bakery PrepartionFP2	☐ Hostel/boarding hse PreparationInst2	☐ Workplace/Community/Other
☐ Takeaway	☐ Hotel/motel	☐ Workplace PreparationOther2
☐ Supermarket/delicatessen	☐ Long term care facility	☐ Farm
☐ Temporary or Mobile Service	☐ Hospital (acute care)	☐ Petting zoo
☐ Fast food restaurant	☐ Prison	☐ Home
☐ Caterers	☐ Camp	☐ Community,church,sports gathering
☐ Other food outlet	☐ School ☐ Childcare centre	☐ Cruise ship, airline, tour bus, train
	☐ Marae	☐ Commercial food manufacturer
	☐ Other institution	☐ Other setting

Setting name PreparationName2

Setting Address

Number	housen...	Street	streetname	Suburb	suburb
Town/City	towncity		Post Code	postcode	☐ GeoCode ad...

Geographic location where exposure occurred (tick one) **ExposureLocation**

☐ New Zealand
 ☐ Overseas, specify Overseas
 ☐ Unknown

If exposure occurred in New Zealand, specify

Primary TA	TAName		
DHB(s)	DHBName1	DHBName2	DHBName3
	DHBName4	DHBName5	
Health District(s)	HDName1	HDName2	HDName3
	HDName4	HDName5	

Outbreak Summary	Outbreak No.	OutbreakNumber
Circumstances of Exposure/Transmission contd		
Mode of transmission (indicate the primary mode and all secondary modes)		
☐ Foodborne, from consumption of contaminated food or drink (excluding water) Foodborne Mode FoodborneMode ☐ prim ☐ sec Level of evidence FoodborneEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Waterborne, from consumption of contaminated drinking water Waterborne Mode WaterborneMode ☐ prim ☐ sec Level of evidence WaterborneEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Person to person spread, from (non-sexual) contact with an infected person (including droplets) PersToPers Mode PersToPersMode ☐ prim ☐ sec Level of evidence PersToPersEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Sexual, from sexual contact with an infected person SexualContact Mode SexualContactMode ☐ prim ☐ sec Level of evidence SexualContactEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Parenteral, from needle stick injury or reuse of contaminated injection equipment Parenteral Mode ParenteralMode ☐ prim ☐ sec Level of evidence ParenteralEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Environmental, from contact with an environmental source (eg swimming) Environmental Mode EnvironmentalMode ☐ prim ☐ sec Level of evidence EnvironmentalEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Zoonotic, from contact with an infected animal Zoonotic Mode ZoonoticMode ☐ prim ☐ sec Level of evidence ZoonoticEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Vectorborne, from contact with an insect vector Vectorborne Mode VectorborneMode ☐ prim ☐ sec Level of evidence VectorborneEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
☐ Other mode of transmission (specify) OthModSpec		
Mode OthModeMode ☐ prim ☐ sec Level of evidence OthModeEvid ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4		
Mode of transmission unknown ModeUnknown ☐		
Vehicle/source of common source outbreak		
Was a specific contaminated food, water or environmental vehicle/source identified? FWESourceIdentified ☐ Yes ☐ No ☐ Unknown		
If yes,		
Source 1	FWESource1	
Level of evidence	FWESourceEvid1 ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4	
Food category	FWESourceCategory1	ESR Updated FWESourceESRUpdated1 ☐ Date FWESourceDateUpdated1
Source 2	FWESource2	
Level of evidence	FWESourceEvid2 ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4	
Food category	FWESourceCategory2	ESR Updated FWESourceESRUpdated2 ☐ Date FWESourceDateUpdated2
Source 3	FWESource3	
Level of evidence	FWESourceEvid3 ☐ 1 ☐ 2a ☐ 2b ☐ 3a ☐ 3b ☐ 3c ☐ 4	
Food category	FWESourceCategory3	ESR Updated FWESourceESRUpdated3 ☐ Date FWESourceDateUpdated2

Outbreak Summary		Outbreak No.	OutbreakNumber
Factors Contributing to Outbreak			
Foodborne outbreak (tick all that apply)			
☐ Inadequate reheating of previously cooked food Reheat	☐ Confirmed	☐ Suspected ReheatCS	
☐ Improper storage prior to presentation StorPrior	☐ Confirmed	☐ Suspected StorPriorCS	
☐ Inadequate thawing Thaw	☐ Confirmed	☐ Suspected ThawCS	
☐ Preparation too far in advance Prepar	☐ Confirmed	☐ Suspected PreparCS	
☐ Undercooking UnderCook	☐ Confirmed	☐ Suspected UnderCookCS	
☐ Improper hot holding Warming	☐ Confirmed	☐ Suspected WarmingCS	
☐ Inadequate or slow cooling or refrigeration Refridg	☐ Confirmed	☐ Suspected RefridgCS	
☐ Cross contamination due to improper handling or storage XContalIm	☐ Confirmed	☐ Suspected XContalImCS	
☐ Cross contamination from an infected food handler Handler	☐ Confirmed	☐ Suspected HandlerCS	
☐ Chemical contamination ChemCon	☐ Confirmed	☐ Suspected ChemConCS	
☐ Use of ingredient from an unsafe source UnsafeIng	☐ Confirmed	☐ Suspected UnsafeIngCS	
☐ Use of untreated water in food preparation UntrWat	☐ Confirmed	☐ Suspected UntrWatCS	
☐ Consumption of unpasteurised milk UnPastMilk	☐ Confirmed	☐ Suspected UnPastMilkCS	
☐ Consumption of raw food RawF	☐ Confirmed	☐ Suspected RawFCS	
☐ Other factors, specify FOthFac FOthFacSpec	☐ Confirmed	☐ Suspected FOthFacCS	
Waterborne outbreak (tick all that apply)			
☐ Surface water with no treatment SurfaceNoTmt	☐ Confirmed	☐ Suspected SurfaceNoTmtCS	
☐ Roof collected rainwater with no treatment RoofNoTmt	☐ Confirmed	☐ Suspected RoofNoTmtCS	
☐ Groundwater not assessed as secure and with no treatment GroundNoTmt	☐ Confirmed	☐ Suspected GroundNoTmtCS	
☐ Source water quality inferior to normal, SourceInfToNormal If source water quality inferior to normal, specify SourceInfToNormalSpecify	☐ Confirmed	☐ Suspected SourceInfToNormalCS	
☐ Inadequately treated water supply InadTmt	☐ Confirmed	☐ Suspected InadTmtCS	
☐ Recent of ongoing treatment process failure TreatFail	☐ Confirmed	☐ Suspected TreatFailCS	
☐ Contamination of post treatment water storage ContPostTmtStorage	☐ Confirmed	☐ Suspected ContPostTmtStorageCS	
☐ Post treatment contamination (other) PostCont If post treatment contamination (other), specify PostContSpecify	☐ Confirmed	☐ Suspected PostContCS	
Specify the WINZ supply code of the implicated water supply		WSZone	
Person to person outbreak (tick all that apply)			
☐ Inadequate vaccination cover InAdVac	☐ Confirmed	☐ Suspected InAdVacCS	
☐ Inadequate vaccination effectiveness VacEff	☐ Confirmed	☐ Suspected VacEffCS	
☐ Exposure to infected person ExPeople	☐ Confirmed	☐ Suspected ExPeopleCS	
☐ Poor hygiene of cases PoorHy	☐ Confirmed	☐ Suspected PoorHyCS	
☐ Excessively crowded living conditions Crowd	☐ Confirmed	☐ Suspected CrowdCS	
☐ Unprotected sexual activity UnprSex	☐ Confirmed	☐ Suspected UnprSexCS	
☐ Compromised immune system CompImmSystem	☐ Confirmed	☐ Suspected CompImmSystemCS	

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Factors Contributing to Outbreak

Environmental outbreak (tick all that apply)

☐ Exposure to contaminated land ExpContLand ☐ Exposure to contaminated air (including ventilation) ExpContAir ☐ Exposure to contaminated built environments(inc dwellings) ExpContBuilt ☐ Exposure to infected animals or animal products ExpAnimal ☐ Exposure to contaminated swimming/spa pools ExpContPool ☐ Exposure to contaminated other recreational water ExpContOthRecWater	☐ Confirmed ☐ Suspected ExpContLandCS ☐ Confirmed ☐ Suspected ExpContAirCS ☐ Confirmed ☐ Suspected ExpContBuiltCS ☐ Confirmed ☐ Suspected ExpAnimalCS ☐ Confirmed ☐ Suspected ExpContPoolCS ☐ Confirmed ☐ Suspected ExpContOthRecWaterCS
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Other outbreaks

☐ Other risk factor, specify **OOthFac**

OOthFacSpec

☐ Confirmed ☐ Suspected

OOthFacCS

Management of the Outbreak

Was there any specific action taken to control the outbreak? **SpecAction** ☐ Yes ☐ No ☐ Unknown

If yes, list the control measures undertaken (tick all that apply)

Source	Specify
☐ Closure SrcCls	SrcClsSpec
☐ Modification of procedures SrcMod	SrcModSpec
☐ Cleaning, disinfection SrcClean	SrcCleanSpec
☐ Removal SrcRem	SrcRemSpec
☐ Treatment SrcTreat	SrcTreatSpec
☐ Exclusion SrcExcl	SrcExclSpec
☐ Isolation SrcIso	SrcIsoSpec
☐ Health education and advice SrcHealth	SrcHealthSpec
☐ Health warning SrcHealthWarn	SrcHealthWarnSpec

Vehicles and vectors

☐ Removal VehVecRem	VehVecRemSpec
☐ Treatment VehVecTreat	VehVecTreatSpec

Contacts and potential contacts

☐ Chemoprophylaxis ContChem	ContChemSpec
☐ Vaccination ContVac	ContVacSpec
☐ Health education and advice ContHealth	ContHealthSpec

Other control measures (specify)

OutCont

Management of the Outbreak

Was insufficient information supplied to complete the form? **InsufficientInfo** ☐ Yes ☐ No ☐ Unknown

Other comments on outbreak

OthComm

Please attach a copy of written report if prepared.

Level of Evidence Codes

- 1 Elevated risk ratio or odds ratio with 95% confidence intervals not including 1 AND laboratory evidence
- 2a Elevated relative risk or odds ratio with 95% confidence intervals not including 1
- 2b Laboratory evidence, same organism and sub type detected in both cases and vehicle (to the highest level of identification)
- 3a Compelling evidence, symptomatology attributable to specific organism e.g. scrombrotoxin, ciguatoxin etc
- 3b Other association i.e. organism detected at source but not linked directly to the vehicle or indistinguishable DNA or PFGE profiles
- 3c Raised but not statistically significant relative risk or odds ratio
- 4 No evidence found but logical deduction given circumstances