

North Carolina Department of Health and Human Services
Division of Public Health • Epidemiology Section
Communicable Disease Branch



ATTENTION HEALTH CARE PROVIDERS:

Please report relevant clinical findings about this disease event to the local health department.

Durham County Health Department
Communicable Disease Control
414 East Main Street
Durham, NC 27701

Telephone: (919) 560-7600
Fax: (919) 560-7716

FOODBORNE POISONING: CIGUATERA
Confidential Communicable Disease Report—Part 2
NC DISEASE CODE: 130

REMINDER to Local Health Department staff: If sending this form to the Health Care Provider, remember to attach a cover letter from your agency indicating the part(s) of the form the provider should complete.

Patient's Last Name First Middle Suffix Maiden/Other Alias Birthdate (mm/dd/yyyy) SSN

NC EDSS LAB RESULTS

Verify if lab results for this event are in NC EDSS. If not present, enter results.

Table with 8 columns: Specimen Date, Specimen #, Specimen Source, Type of Test, Test Result(s), Description (comments), Result Date, Lab Name—City/State

NC EDSS PART 2 WIZARD COMMUNICABLE DISEASE

Is/was patient symptomatic for this disease?
If yes, symptom onset date (mm/dd/yyyy):
CHECK ALL THAT APPLY:
Fever
Highest measured temperature
Drowsy
Sweats (diaphoresis)
Thirst
Dehydration
Light-headedness (pre-syncope)
Altered mental status
Memory loss
Periods of drowsiness followed by hyperactivity
Incoherent speech
Headache
Seizures/convulsions

Ataxia
Mouth tingling/burning
Numbness of lips or tongue
Facial flushing
Pain or paresthesia of the face and/or lower extremities
Hot/cold temperature sensory reversals
Acute onset of peripheral neuropathy
Muscle paralysis
Skin rash
Skin itching (pruritis)
Aching teeth
Shortness of breath/difficulty breathing/respiratory distress
Respiratory arrest
Palpitations
Cardiac arrhythmias or cardiac arrest
Hypotension
Nausea
Vomiting
Abdominal pain or cramps
Diarrhea
Describe (select all that apply)
Maximum number of stools in a 24-hour period:
During the 24 hours prior to onset of symptoms did the patient eat any raw or undercooked seafood or shellfish (i.e., raw oysters, sushi, etc.)?

During the 24 hours prior to onset of symptoms, did the patient:
Handle/eat shellfish (i.e. clams, crab, lobster, mussels, oysters, shrimp, crawfish, other shellfish)?
Handle/eat clams?
Handle/eat crabs?
Handle/eat lobster?
Handle/eat mussels?
Handle/eat oysters?
Handle/eat shrimp?
Handle/eat crawfish?
Handle/eat other shellfish?
Handle/eat finfish (i.e. Tuna, Mackerel, Skip Jack, Amber Jack, Bonito, mahi-mahi / dorado, Blue fish, Salmon, Puffer fish, Porcupine fish, Ocean sunfish, sushi)?
Specify type of finfish:
Tuna, Mackerel, Skip Jack or Amberjack, Bonito, Mahi-mahi, (dorado/"blue dolphin"), Sushi, unknown type of fish
Puffer fish, Parrot fish, Porcupine fish, Ocean sunfish (Mola mola), Bluefish, Salmon
Other: specify
Unknown
Does the patient know anyone else with similar symptoms?

Patient's Last Name	First	Middle	Suffix	Maiden/Other	Alias	Birthdate (mm/dd/yyyy) / /
						SSN

REASON FOR TESTING

Why was the patient tested for this condition?

Symptomatic of disease

Screening of asymptomatic person with reported risk factor(s)

Exposed to organism causing this disease (asymptomatic)

Household contact to a person reported with this disease

Other, specify: _____

Unknown

HOSPITALIZATION INFORMATION

Was patient hospitalized for this illness >24 hours? Y N U

Hospital name: _____

City, State: _____

Hospital contact name: _____

Telephone: (____) ____ - _____

Admit date (mm/dd/yyyy): ____/____/____

Discharge date (mm/dd/yyyy): ____/____/____

ISOLATION/QUARANTINE/CONTROL MEASURES

Did local health director or designee implement additional control measures? Y N

If yes, specify: _____

CLINICAL OUTCOMES

Discharge/Final diagnosis: _____

Survived? Y N U

Died? Y N U

Died from this illness? Y N U

Date of death (mm/dd/yyyy): ____/____/____

TRAVEL/IMMIGRATION

The patient is:

Resident of North Carolina

Resident of another state or US territory

None of the above

Did patient have a travel history during the 24 hours prior to onset of symptoms? Y N U

Travel dates: From: _____ until _____

To city: _____

To country: _____

Does patient know anyone else with similar symptom(s) who had the same or similar travel history? Y N U

Name: _____

Additional travel/residency information: _____

CHILD CARE/SCHOOL/COLLEGE

Patient in child care? Y N U

Patient a child care worker or volunteer in child care? Y N U

Patient a parent or primary caregiver of a child in child care? Y N U

Is patient a student? Y N U

Type of school: _____

Is patient a school WORKER / VOLUNTEER in NC school setting? Y N U

Give details: _____

BEHAVIORAL RISK & CONGREGATE LIVING

During the 24 hours prior to onset of symptoms did the patient live in any congregate living facilities (correctional facility, barracks, shelter, commune, boarding school, camp, dormitory/sorority/fraternity)? Y N U

Name of facility: _____

Dates of contact: _____

During the 24 hours prior to onset of symptoms, did the patient attend social gatherings or crowded settings? Y N U

If yes, specify: _____

In what setting was the patient most likely exposed?

<input type="checkbox"/> Restaurant	<input type="checkbox"/> Place of Worship
<input type="checkbox"/> Home	<input type="checkbox"/> Outdoors, including woods or wilderness
<input type="checkbox"/> Work	<input type="checkbox"/> Athletics
<input type="checkbox"/> Child Care	<input type="checkbox"/> Farm
<input type="checkbox"/> School	<input type="checkbox"/> Pool or spa
<input type="checkbox"/> University/College	<input type="checkbox"/> Pond, lake, river or other body of water
<input type="checkbox"/> Camp	<input type="checkbox"/> Hotel / motel
<input type="checkbox"/> Doctor's office/ Outpatient clinic	<input type="checkbox"/> Social gathering, other than listed above
<input type="checkbox"/> Hospital In-patient	<input type="checkbox"/> Travel conveyance (airplane, ship, etc.)
<input type="checkbox"/> Hospital Emergency Department	<input type="checkbox"/> International
<input type="checkbox"/> Laboratory	<input type="checkbox"/> Community
<input type="checkbox"/> Long-term care facility /Rest Home	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Military	<input type="checkbox"/> Unknown
<input type="checkbox"/> Prison/Jail/ Detention Center	

FOOD RISK AND EXPOSURE

Where does the patient/patient's family typically buy groceries?

Store name: _____

Store city: _____

Shopping center name/address: _____

During the 24 hours prior to onset of symptoms, did the patient:

Eat any food items that came from a produce stand, flea market, or farmer's market? Y N U

Specify source: _____

Eat any food items that came from a store or vendor where they do not typically shop for groceries? Y N U

Specify source(s): _____

Handle/eat other seafood (i.e. octopus, squid) or frogs? Y N U

Specify other seafood:

Squid Octopus Frog

Other, specify: _____

Eat at a group meal? Y N U

Specify: _____

Eat food from a restaurant? Y N U

Name: _____

Location: _____

GEOGRAPHICAL SITE OF EXPOSURE

In what geographic location was the patient MOST LIKELY exposed?

Specify location:

In NC

City _____

County _____

Outside NC, but within US

City _____

State _____

County _____

Outside US

City _____

Country _____

Unknown

Is the patient part of an outbreak of this disease? Y N

Notes regarding setting of exposure: _____

CASE INTERVIEWS/INVESTIGATIONS

Was the patient interviewed? Y N U

Date of interview (mm/dd/yyyy): ____/____/____

Were interviews conducted with others? Y N U

Who was interviewed? _____

Were health care providers consulted? Y N U

Who was consulted? _____

Medical records reviewed (including telephone review with provider/office staff)? Y N U

Specify reason if medical records were not reviewed: _____

Notes on medical record verification:

Foodborne poisoning: ciguatera

2007 Case Definition (North Carolina)

Clinical description

Ciguatera fish poisoning is a food intoxication caused by consumption of predatory reef fish that have accumulated toxins in their flesh from consuming fish that eat toxic algae and dinoflagellates. Symptoms of the reaction include tingling or numbness, dry mouth, pupil dilatation, blurred vision, and paralysis. Classic symptoms include reversal of hot and cold sensation (ice cream tastes hot, coffee tastes cold) and aching teeth. In severe cases patients may become hypotensive, progress to coma or experience respiratory arrest. Symptoms typically develop within 48 hours of consuming a poisoned fish. Fish that have typically been implicated include barracuda, grouper, amberjack and snapper.

Laboratory criteria for diagnosis

- Toxin detection in an epidemiologically implicated fish

Case classification

Probable: a clinically compatible case who had a consistent exposure (consumption of fish such as those listed above)

Confirmed: a clinically compatible case with toxin detected in an epidemiologically implicated fish