

BOTULISM**IMMEDIATE NOTIFICATION****EPIDEMIOLOGY PROGRAM**

Event Name:	BOT
Event Time Period:	60 days
Description (CSTE 10-ID-03, 2010)	<p>Botulism, foodborne</p> <p>Clinical description: Ingestion of botulinum toxin results in an illness of variable severity. Common symptoms are diplopia, blurred vision, and bulbar weakness. Symmetric paralysis may progress rapidly.</p> <p>Laboratory confirmation:</p> <ul style="list-style-type: none">• Detection of botulinum toxin in serum, stool, or patient's food, OR• Isolation of <i>Clostridium botulinum</i> from stool <p>Botulism, infant</p> <p>Clinical description: An illness of infants, characterized by constipation, poor feeding, and "failure to thrive" that may be followed by progressive weakness, impaired respiration, and death.</p> <p>Laboratory confirmation:</p> <ul style="list-style-type: none">• Detection of botulinum toxin in stool or serum, OR• Isolation of <i>Clostridium botulinum</i> from stool <p>Botulism, wound</p> <p>Clinical description: An illness resulting from toxin produced by <i>Clostridium botulinum</i> that has infected a wound. Common symptoms are diplopia, blurred vision, and bulbar weakness. Symmetric paralysis may progress rapidly.</p> <p>Laboratory confirmation:</p> <ul style="list-style-type: none">• Detection of botulinum toxin in serum, OR• Isolation of <i>Clostridium botulinum</i> from wound <p>Botulism, other</p> <p>Clinical description: See Botulism, foodborne</p> <p>Laboratory confirmation:</p> <ul style="list-style-type: none">• Detection of botulinum toxin in clinical specimen, OR• Isolation of <i>Clostridium botulinum</i> from clinical specimen

CDC Event Classification (CSTE 10-ID-03, 2010)	Foodborne	<i>Confirmed</i>	A clinically compatible case that is laboratory confirmed or that occurs among persons who ate the same food as persons who have laboratory confirmed botulism
		<i>Probable</i>	A clinically compatible case with an epidemiologic link (e.g., ingestion of a home-canned food within the previous 48 hours)
	Infant	<i>Confirmed</i>	A clinically compatible case that is laboratory confirmed, occurring in a child aged less than 1 year
	Wound	<i>Confirmed</i>	A clinically compatible case that is laboratory confirmed in a patient who has no suspected exposure to contaminated food and who has a history of a fresh, contaminated wound during the 2 weeks before onset of symptoms, or a history of injection drug use within the 2 weeks before the onset of symptoms
		<i>Probable</i>	A clinically compatible case in a patient who has no suspected exposure to contaminated food and who has either a history of a fresh, contaminated wound during the 2 weeks before onset of symptoms, or a history of injection drug use within the 2 weeks before onset of symptoms
	Other	<i>Confirmed</i>	A clinically compatible case that is laboratory confirmed in a patient aged greater than or equal to 1 year who has no history of ingestion of suspect food and has no wounds
Massachusetts Event Classification:	<i>Follows CDC event classification</i>		

Report type	Test Type	Source	Result	New event or beyond report period?	Data Entry
Laboratory Report	Culture	Stool, wound, clinical specimen	Clostridium botulinum	Yes	New event SUSPECT
				No	Same event
Select:	Microorganism: PrId: Pt: xxx: Nom: Culture				
Select:	Microorganism: PrId: Pt: Islt: Nom: Bacterial subtyping				
Laboratory Report	Mouse Assay	Food, clinical specimen	Positive	Yes	New event SUSPECT
				No	Same event
Select	Clostridium botulinum toxin: ACnc: Pt: xxx: Ord:				
Select (Toxin A):	Clostridium botulinum toxin A: ACnc: Pt: xxx: Ord:				
Select (Toxin B):	Clostridium botulinum toxin B: ACnc: Pt: xxx: Ord:				
Select (Toxin E):	Clostridium botulinum toxin E: ACnc: Pt: xxx: Ord:				
Select (Toxin F):	Clostridium botulinum toxin F: ACnc: Pt: xxx: Ord:				
Laboratory Report	PCR	Clinical specimen	Positive	Yes	New event SUSPECT
				No	Same event
Select (Toxin A):	Clostridium botulinum toxin A botA gene XXX QI PCR				
Select (Toxin B):	Clostridium botulinum toxin B botB gene XXX QI PCR				
Select (Toxin C):	Clostridium botulinum toxin C botC gene XXX QI PCR				
Select (Toxin D):	Clostridium botulinum toxin D botD gene XXX QI PCR				
Select (Toxin E):	Clostridium botulinum toxin E botE gene XXX QI PCR				
Select (Toxin F):	Clostridium botulinum toxin F botF gene XXX QI PCR				
Select (Toxin G):	Clostridium botulinum toxin G botG gene XXX QI PCR				