

# **Data collection and tracing exercise: Type E botulism associated with fish product consumption in Germany and Spain 2016**

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# Product: Dried eviscerated salted roach

## Production

- The organs are removed.
- The raw fish is soaked in brine and afterwards air-dried.



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## Consumption

- The dried fish is eaten without further heat treatment.

# The Outbreak

- 3 German and 2 Spanish people had consumed dried salted roach in November 2016 and had symptoms like difficulty in speaking, seeing and swallowing.
- All were tested positive for botulinum neurotoxin type E (BoNT E) produced by *Clostridium botulinum*.
- In addition to Germany and Spain, companies in The Netherlands, France and Belgium were part of the food chain.



The graphic features a central circular image of two scientists in white lab coats looking at a tablet. To the right are the logos for the European Food Safety Authority (EFSA) and the European Centre for Disease Prevention and Control (ECDC). Below the image is a green banner with white text. The text reads: 'RAPID OUTBREAK ASSESSMENT', 'Type E botulism associated with fish product consumption – Germany and Spain', and '20 December 2016'.

European Centre for Disease Prevention and Control and European Food Safety Authority. Type E botulism associated with fish product consumption – Germany and Spain – 20 December 2016. Stockholm: ECDC; 2016.

# FoodChain-Lab web app exercise

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