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Investigation Notice: Multistate Outbreak of *Salmonella* Typhimurium Infections Linked to Small Pet Turtles

February 24, 2021 – The Centers for Disease Control and Prevention (CDC) has announced that the agency and public health officials in several states are investigating a multistate outbreak of human *Salmonella* Typhimurium infections linked to contact with small pet turtles.

Twenty-two cases of human *Salmonella* Typhimurium infections have been reported in seven states between August 27, 2020, and January 16, 2021. Of people interviewed, 15 reported contact with pet turtles before becoming ill. The ages of those infected range from less than one year to 59, with a median age of six. Eight people have been hospitalized; there has been one death reported from Pennsylvania. Ill people reported buying small pet turtles from flea markets, roadside vendors and a pet store. Nine people remembered the size of their turtle, and all of them reported contact with turtles whose shells were less than four inches long.

Previous *Salmonella* outbreaks have been linked to turtles with a shell length less than four inches. The Pet Industry Joint Advisory Council reminds businesses and consumers that federal law¹ prohibits the sale of turtles with a shell length of less than four inches as pets. Consumers should not buy small turtles with shells less than four inches long, and should only purchase pets from reputable pet stores or breeders.

All turtles, regardless of size, can carry *Salmonella* bacteria even if they appear healthy and clean. Animals with *Salmonella* shed the bacteria in their droppings. These germs can then spread to their bodies, tank water and anything in the area where they live and roam. People can become infected if they do not wash their hands after contact with animals carrying *Salmonella*, or their environments.

Most people infected with *Salmonella* develop diarrhea, fever and abdominal cramps between six hours and six days after infection. Children under the age of five, adults over the age of 65 and individuals with weakened immune systems have a greater risk of infection and severe illness. The illness usually lasts four to seven days, and most individuals recover without treatment. However, in some cases, the illness may be so severe that a person requires hospitalization.

The CDC, PIJAC and other expert sources recommend these precautions to protect yourself and others from contact with *Salmonella* bacteria that turtles may carry:

- Supervise children’s interactions with the animal, including post-encounter hand-washing.

¹ Code of Federal Regulations:

<https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcr/CFRSearch.cfm?fr=1240.62&SearchTerm=turtles%5d>

- Wash your hands for at least 20 seconds with water and soap right after touching the animal or anything in the area where they live, including after handling pet food and treats, cleaning cages or tanks, or picking up toys or bedding.
- Do not let the animal into areas where food is prepared, served, or stored.
- Do not snuggle or kiss the animal, or touch your mouth, eat or drink around them.
- To prevent cross-contamination, avoid cleaning habitats, toys and pet supplies in areas where food is prepared, served or stored.

Pet retailers are strongly encouraged to provide information on disease risk and prevention measures to consumers purchasing reptiles. Such information includes the “Healthy Herp Handling” poster, which can be found listed in the resources below.

Resources:

- CDC investigation notice: <https://www.cdc.gov/salmonella/typhimurium-02-21/index.html>
- CDC information on *Salmonella*: <https://www.cdc.gov/salmonella/index.html>
- CDC Stay Healthy Around Pet Reptiles and Amphibians: <https://www.cdc.gov/healthypets/resources/safety-around-reptiles-H.pdf>
- CDC The Trouble with Tiny Turtles: <https://www.cdc.gov/healthypets/publications/trouble-with-tiny-turtles.html>
- CDC Information on Healthy Pets and Healthy People: <https://www.cdc.gov/healthypets/index.html>
- PIJAC Healthy Herp Handling poster: <https://pijac.org/HealthyHerpHandling>
- PIJAC flyer containing information on *Salmonella* for retailers: <https://pijac.org/sites/default/files/pdfs/FLYERSalmonellosis071117.pdf>
- PIJAC Introduction to Aquatic Turtle Care: <https://pijac.org/sites/default/files/pdfs/care%20sheets/aquaticturtlecaresheet122117.pdf>
- PIJAC website updates on this outbreak and other zoonotic issues: <https://pijac.org/animal-welfare-and-programs/zoonotic-disease-prevention>