

2023 Nebraska Outbreak/Cluster Report

Nebraska Public Health Laboratory (NPHL) and the Nebraska Department of Health and Human Services (NE DHHS) are pleased to share Nebraska's enteric outbreak information from 2023. The collective efforts of laboratories across Nebraska, NPHL, and NE DHHS in monitoring and responding to outbreaks have been crucial in managing the public health risks associated with enteric pathogens.

The following listed are *Salmonella* spp. (Table 1), Shiga-toxin producing *Escherichia coli* (Table 2) and *Listeria monocytogenes* (Table 3). Included are the dates of notification and outbreak closure, serotypes where applicable, sources when available, and the number of cases in Nebraska and the United States.

Note that Nebraska reports four hundred cases of salmonellosis annually with most cases not associated with an outbreak or cluster.

NPHL and NE DHHS will be making this information available on a yearly basis to Nebraska laboratories.

Table 1. *Salmonella* cluster and outbreak investigations, Nebraska 2023^a

Date Notified	Date Closed	Serotype(s) ^b	Source	NE Cases	US Cases	Posting
02/08/23	06/07/23	Infantis	Gold metal flour	1	14	CDC , FDA
02/24/23	04/20/23	Hartford	Suspect tomatoes	1	54	FDA
03/15/23	04/21/23	Enteritidis	International, Dominican Republic	2	38	Not public ^c
04/17/23	10/10/23	Multiple	Backyard poultry	23	1,072	CDC
04/19/23	05/05/23	Multiple	International,	1	23	Not public ^c
06/28/23	08/14/23	Enteritidis	Unknown	1	135	Not public ^c
07/07/23	08/25/23	Enteritidis	Eggs	10	0	Local only ^d
09/15/23	10/17/23	Newport	Undetermined food/ Private party	9	0	Local only ^d

09/25/23	11/21/23	Stanley/ Pomona	Suspected turtle	1	80	CDC
11/10/23	01/19/24	Sundsvall/ Oranienburg	Cantaloupe	7	407	CDC , FDA
11/13/23	02/02/24	Uganda	Unknown	1	24	Not public ^c
12/26/23	03/25/24	I4:i:--	Bussero Charcuterie Sampler	3	104	CDC

Table 2. Shiga toxin producing *E. coli* (STEC) cluster and outbreak investigations, Nebraska 2023^a

Date Notified	Date Closed	Serotype(s) ^b	Source	NE Cases	US Cases	Posting
11/07/23	06/24/24	O26:H11	Unknown	2	5	Not public ^c

Table 3. *Listeria monocytogenes* cluster and outbreak investigations, Nebraska 2023^a

Date Notified	Date Closed	Serotype(s) ^b	Source	NE Cases	US Cases	Posting
02/02/23	06/13/23	<i>L. monocytogenes</i>	Unknown	1	18	CDC
08/25/23	03/22/24	<i>L. monocytogenes</i>	Unknown	1	3	Not public ^c

^aIncludes investigations originally notified during 2023.

^bResults from whole genome sequencing.

^cNot reported as a major national outbreak by the CDC.

^dThis represented a local/regional outbreak only.