

Summary of St. Louis County *E. coli* O157 outbreak, as of 11/25 at noon

Case breakdown, by event

Event #1: [REDACTED] 192.067, held on-site at the facility on 11/6

- # attendees not confirmed, but estimated to be between 250 and 300 people
- Survey responses: 3
 - Not meeting case definition: 1
 - Confirmed: 2
 - Hospitalized: 1
 - HUS: 0
 - Died: 0
 - Probable: 0

Event #2: [REDACTED] 192.067, held on-site at the facility on 11/7

- # attendees: ~250
- Survey responses: 176
 - Not meeting case definition: 113
 - Confirmed: 21
 - Hospitalized: 7
 - HUS: 3
 - Died: 0
 - Probable: 42
 - Hospitalized: 1
 - HUS: 0
 - Died: 0

Event #3: [REDACTED] 192.067 catered by the facility on 11/8

- # attendees not confirmed, but estimated to be between 150 and 200 people
- Survey responses: 137
 - Not meeting case definition: 93
 - Confirmed: 8
 - Hospitalized: 1
 - HUS: 0
 - Died: 0
 - Probable: 36
 - Hospitalized: 2
 - HUS: 0
 - Died: 0

Event #4: Funeral meal, held at [REDACTED] 192.067, held on-site at the facility on 11/8

- # attendees not confirmed, but estimated to be between ~50 people
- Survey responses: 7
 - Not meeting case definition: 3
 - Confirmed: 0
 - Probable: 4
 - Hospitalized: 1
 - HUS: 0
 - Died: 0

Menus for each event

Note: The facility told us that the salad ingredients were: lettuce blend (including carrots and purple cabbage), onions (unless noted), canned pimiento, canned artichokes (although not everyone recalls this), parmesan cheese, salad dressing (oil, vinegar, seasoning blend)

Event #1

- Italian salad
- Rolls with butter
- Roast beef
- Chicken parm (grilled)
- Garlic mashed potatoes
- Green beans almonidine
- Brownies
- Soda with ice

Event #2

- Italian salad (no onions)
- Rolls and butter
- Roast beef
- Chicken parm (breaded)
- Pasta con broccoli
- Italian potatoes with garlic
- Brownies
- Sheet cake from Sam's (very few people ate this, disappeared within minutes)
- Soda with ice

Event #3

- Italian salad
- Rolls with butter
- Roast beef
- Chicken marsala
- Pasta con broccoli
- Green beans almonidine
- Sheet cake from Sam's (again, disappeared very quickly!)

Event #4

- Italian salad, small bowl of parm next to salad
- Rolls with butter
- Roast beef, extra gravy
- Turkey, extra sauce
- Pasta carbonara, extra sauce and bacon
- Garlic mashed potatoes, extra butter
- Green beans almonidine, extra bacon and no almonds
- Coffee (regular and decaf)
- Soda with ice

Frequencies ill and not ill for all foods by event

Event #1

Food history reported by all three people

Person #1 (ill) reported consuming: salad, bread, roast beef, mashed potatoes, a brownie, and soda with ice

Person #2 (ill) reported consuming: bread, mashed potatoes, green beans, a brownie, and soda with ice

Person #3 (not ill) reported consuming: salad, bread, butter, roast beef, chicken parm, and a brownie

Event #2

	Ate food				Did NOT eat food				
Food Item	Ill	Not ill	Total	AR	Ill	Not ill	Total	AR	AR diff
Salad	61	86	147	41.5%	5	27	32	15.6%	25.9%
Bread	58	101	159	36.5%	8	12	20	40.0%	-3.5%
Butter	46	84	130	35.4%	20	29	49	40.8%	-5.4%
Roast beef	24	39	63	38.1%	42	74	116	36.2%	1.9%
Chicken parm	33	58	91	36.3%	33	55	88	37.5%	-1.2%
Italian Potatoes	35	79	114	30.7%	31	34	65	47.7%	-17.0%
Pasta con broccoli	50	85	135	37.0%	16	28	44	36.4%	0.7%
Brownies	41	72	113	36.3%	25	41	66	37.9%	-1.6%
Cake	21	36	57	36.8%	45	77	122	36.9%	0.0%
Soda w/ ice	47	80	127	37.0%	19	33	52	36.5%	0.5%
Soda no ice	1	0	1	100.0%	65	113	178	36.5%	63.5%
Water w/ ice	25	49	74	33.8%	41	64	105	39.0%	-5.3%
Water no ice	1	1	2	50.0%	65	112	177	36.7%	13.3%
Other beverage w/ ice	1	1	2	50.0%	65	112	177	36.7%	13.3%
Other beverage no ice	1	0	1	100.0%	65	113	178	36.5%	63.5%

	Ill			Not ill			
Food Item	Ate	Did not eat	%	Ate	Did not eat	%	OR
Salad	61	5	92%	86	27	76%	3.83
Bread	58	8	88%	101	12	89%	0.86
Butter	46	20	70%	84	29	74%	0.79
Roast beef	24	42	36%	39	74	35%	1.08
Chicken parm	33	33	50%	58	55	51%	0.95
Italian Potatoes	35	31	53%	79	34	70%	0.49
Pasta con broccoli	50	16	76%	85	28	75%	1.03
Brownies	41	25	62%	72	41	64%	0.93
Cake	21	45	32%	36	77	32%	1.00
Soda w/ ice	47	19	71%	80	33	71%	1.02
Soda no ice	1	65	2%	0	113	0%	N/A
Water w/ ice	25	41	38%	49	64	43%	0.80
Water no ice	1	65	2%	1	112	1%	1.72

Other beverage w/ ice	1	65	2%	1	112	1%	1.72
Other beverage no ice	1	65	2%	0	113	0%	N/A

Event #3

	Ate food				Did NOT eat food				
Food Item	Ill	Not ill	Total	AR	Ill	Not ill	Total	AR	AR diff
Salad	40	58	98	40.8%	4	35	39	10.3%	30.50%
Bread	26	60	86	30.2%	18	33	51	35.3%	-5.10%
Butter	18	42	60	30.0%	26	51	77	33.8%	-3.80%
Roast beef	19	47	66	28.8%	25	46	71	35.2%	-6.40%
Chicken marsala	21	40	61	34.4%	23	53	76	30.3%	4.10%
Pasta con broccoli	32	47	79	40.5%	12	46	58	20.7%	19.80%
Green beans	24	57	81	29.6%	20	36	56	35.7%	-6.10%
Cake	11	33	44	25.0%	33	60	93	35.5%	-10.50%
Soda w/ ice	6	5	11	54.5%	38	88	126	30.2%	24.30%
Soda no ice	0	1	1	0.0%	44	92	136	32.4%	-32.40%
Water w/ ice	1	7	8	12.5%	43	86	129	33.3%	-20.80%
Water no ice	7	23	30	23.3%	37	70	107	34.6%	-11.30%
Other beverage w/ ice	11	17	28	39.3%	33	76	109	30.3%	9.00%
Other beverage no ice	4	9	13	30.8%	40	84	124	32.3%	-1.50%

	Ill			Not ill			
Food Item	Ate	Did not eat	%	Ate	Did not eat	%	OR
Salad	40	4	91%	58	35	62%	6.03
Bread	26	18	59%	60	33	65%	0.79
Butter	18	26	41%	42	51	45%	0.84
Roast beef	19	25	43%	47	46	51%	0.74
Chicken marsala	21	23	48%	40	53	43%	1.21
Pasta con broccoli	32	12	73%	47	46	51%	2.61
Green beans	24	20	55%	57	36	61%	0.76
Cake	11	33	25%	33	60	35%	0.61
Soda w/ ice	6	38	14%	5	88	5%	2.78
Soda no ice	0	44	0%	1	92	1%	0.00
Water w/ ice	1	43	2%	7	86	8%	0.29
Water no ice	7	37	16%	23	70	25%	0.58
Other beverage w/ ice	11	33	25%	17	76	18%	1.49
Other beverage no ice	4	40	9%	9	84	10%	0.93

Event #4

Only two people provided a food history

- Person #1 was ill and reported consuming salad, roast beef, green beans, and water
- Person #2 was not ill and reported eating salad, roast beef, green beans, and drinking something other than soda or water

Redaction Log

Total Number of Redactions in Document: 4

Redaction Reasons by Page

Page	Reason	Description	Occurrences
1	192.067	the department shall maintain the confidentiality of all medical record information abstracted by or reported to the department. Medical information secured pursuant to the provisions of subsection 1 of this section may be released by the facility except that medical information may be shared with other public health authorities and coinvestigators of a health study if they abide by the same confidentiality restrictions required of the department of health and senior services and except as otherwise authorized by the provisions of sections 192.665 to 192.667, or section 192.990. The department of health and senior services, public health authorities and coinvestigators shall use the information collected only for the purposes provided for in this section, section 192.667, or section 192.990.	4

Redaction Log

Redaction Reasons by Exemption

Reason	Description	Pages (Count)
192.067	the department shall maintain the confidentiality of all medical record information abstracted by or reported to the department. Medical information secured pursuant to the provisions of subsection 1 of this section may be released by the facility except that medical information may be shared with other public health authorities and coinvestigators of a health study if they abide by the same confidentiality restrictions required of the department of health and senior services and except as otherwise authorized by the provisions of sections 192.665 to 192.667, or section 192.990. The department of health and senior services, public health authorities and coinvestigators shall use the information collected only for the purposes provided for in this section, section 192.667, or section 192.990.	1(4)