

Summer/Fall 2011 North Carolina *E.coli* outbreak investigation summary
Case investigation updates, Oct. 27 – Nov. 10, 2011 (*most recent first*)

Findings: [N.C. Agriculture, Health Officials Identify Source of E.coli Outbreak](#). N.C. DHHS news release, Nov. 10, 2011.

11/10/11 Update

The N.C. Division of Public Health reports that it is still investigating 27 cases related to the E. coli outbreak. Eleven cases are confirmed E. coli cases; 16 cases are still being investigated.

Of the 11 confirmed cases, 10 were confirmed by the State Laboratory of Public Health as being E. coli O157:H7 with matching PFGE patterns (DNA fingerprinting). The 11th case did not have laboratory confirmation of E.coli O157:H7, but had hemolytic uremic syndrome, an uncommon, but serious complication of E. coli O157:H7 infection. The remaining 16 cases were clinically confirmed as connected to the outbreak, meaning they had symptoms consistent with E. coli O157:H7.

The latest numbers and counties involved:

Wake - 13

Sampson - 6

Cleveland - 1

Durham - 1

Johnston - 1

Lenoir - 1

Orange - 2

Wilson – 2

The Division of Public Health has concluded its epidemiologic investigation and after November 10 will no longer be posting daily case counts related to this outbreak.

11/9/11 Update

The N.C. Division of Public Health reports that it is still investigating 28 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 13

Sampson - 6

Cleveland - 1

Durham - 2

Johnston - 1

Lenoir - 1

Orange - 2

Wilson – 2

11/8/11 Update

The N.C. Division of Public Health reports that it is still investigating 28 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 13

Sampson - 6

Cleveland - 1
Durham - 2
Johnston - 1
Lenoir - 1
Orange - 2
Wilson – 2

11/7/11 Update

The N.C. Division of Public Health reports that it is now investigating 28 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 13
Sampson - 6
Cleveland - 1
Durham - 2
Johnston - 1
Lenoir - 1
Orange - 2
Wilson – 2

11/4/11 Update

The N.C. Division of Public Health reports that it is now investigating 28 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 13
Sampson - 6
Cleveland - 1
Durham - 2
Johnston - 1
Lenoir - 1
Orange - 2
Wilson – 2

Case numbers will not be updated again until 4 pm Monday, November 7.

11/3/11 Update

The N.C. Division of Public Health reports that it is now investigating 28 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 13
Sampson - 6
Cleveland - 1
Durham - 2
Johnston - 1
Lenoir - 1
Orange - 2
Wilson – 2

11/2/11 Update

The N.C. Division of Public Health reports that it is now investigating 30 cases related to the E. coli outbreak. Twelve cases are confirmed E. coli cases; 18 cases are still being investigated. The latest numbers and counties involved:

Wake - 13
Sampson - 7
Cleveland - 1
Durham - 3
Johnston - 1
Lenoir - 1
Orange - 2
Wilson - 2

11/1/11 Update

The N.C. Division of Public Health reports that it is now investigating 27 cases related to the E. coli outbreak. Nine cases are confirmed E. coli cases; 18 cases are still being investigated. The latest numbers and counties involved:

Wake - 12
Sampson - 7
Cleveland - 1
Durham - 1
Johnston - 1
Lenoir - 1
Orange - 2
Wilson - 2

Note: During an epidemiologic investigation, case counts may change as the case definition changes. Initial case definitions are often broad and become narrower as information is discovered from people during interviews and understanding of the outbreak becomes clearer.

10/31/11 Update

The N.C. Division of Public Health reports that it is now investigating 24 cases related to the E. coli outbreak. Nine cases are confirmed E. coli cases; 15 cases are still being investigated. The latest numbers and counties involved:

Wake - 11
Sampson - 7
Cleveland - 1
Durham - 1
Johnston - 1
Orange - 1
Wilson - 2

Note: During an epidemiologic investigation, case counts may change as the case definition changes. Initial case definitions are often broad and become narrower as information is discovered from people during interviews and understanding of the outbreak becomes clearer.

10/30/11 Update

The N.C. Division of Public Health reports that it is now investigating 24 cases related to the E. coli outbreak. Eight cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 11
Sampson - 7
Cleveland - 1
Durham - 1
Johnston - 1
Orange - 1
Wilson – 2

Note: During an epidemiologic investigation, case counts may change as the case definition changes. Initial case definitions are often broad and become narrower as information is discovered from people during interviews and understanding of the outbreak becomes clearer.

10/29/11 Update

The N.C. Division of Public Health reports that it is now investigating 25 cases related to the E. coli outbreak. Eight cases are confirmed E. coli cases; 17 cases are still being investigated. The latest numbers and counties involved:

Wake - 12
Sampson - 7
Cleveland - 1
Durham - 1
Johnston - 1
Orange - 1
Wilson – 2

Note: During an epidemiologic investigation, case counts may change as the case definition changes. Initial case definitions are often broad and become narrower as information is discovered from people during interviews and understanding of the outbreak becomes clearer.

10/28/11 Update

The N.C. Division of Public Health reports that it is now investigating 26 cases related to the E. coli outbreak. Ten cases are confirmed E. coli cases; 16 cases are still being investigated. The latest numbers and counties involved:

Wake - 14
Sampson - 6
Cleveland - 1
Durham - 1
Franklin - 1
Johnston - 1
Orange - 1
Wilson – 1

Oct. 28, 2011 N.C. DHHS news release: [News Advisory Update: State Public Health Investigation Into E coli Outbreak](#)

Oct. 27, 2011 N.C. DHHS news release: [State Public Health investigation continues into E coli outbreak](#)

North Carolina Department of Health and Human Services
Division of Public Health – Communicable Disease Branch
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