

“Two Types of Raw Milk”: A Comparison of Pathogens in Milk Samples

| Study or Data Source | # of Milk Samples Tested | State or Province | <i>E. coli</i> STEC | <i>Listeria monocytogenes</i> | <i>Salmonella</i> | <i>Campylobacter</i> | Total % of samples testing positive for these pathogens |
|---|--------------------------|-------------------|---------------------|-------------------------------|-------------------|----------------------|---|
| Unpasteurized milk produced on conventional dairy farms by methods intended for pasteurization: | | | | | | | |
| Jayarao and Henning (2001) | 131 | SD, MN | 3.8% | 4.6% | 6.1% | 9.2% | 23.7% |
| Jayarao et al. (2006) | 248 | PA | 2.4% | 2.8% | 6% | 2.2% | 13.2% |
| Rohrbach et al. (1992) | 292 | TN, VA | N/A | 4.1% | 8.9% | 12.3% | 25.3% |
| Steele et al. (1997) | 1720 | ON | 0.87% | 2.73% | 0.17% | 0.47% | 4.2% |
| Van Kessel et al. (2004) | 861 | 21 US states | N/A | 6.5% | 2.6% | N/A | 9.1% |
| Van Kessel et al. (2008) | 183 | PA | N/A | N/A | 11% | N/A | 11% |
| Unpasteurized milk produced by methods intended for direct consumption by RAWMI-trained agisters and agisters-in-training: | | | | | | | |
| B.C. Fresh Milk Project | 155 | BC | 0 | 0 | 0 | 0 | 0% |

Notes:

- N/A = This test was not performed, so data is not available
- BC Fresh Milk Project data is current to December 1, 2018. Participating farms are still submitting test samples to the lab, and results will continue to be compiled.

References:

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