

## Salmonella Performance Standards

*Salmonella* performance standards are regulatory requirements. Samples are taken in sets and the results of an entire set are used to determine if an establishment is meeting the performance standards. So failure to meet *Salmonella* performance standards is based on whether or not a set passes, not on individual samples. The chart below shows the number of samples required to complete a sample set for the different species, and the maximum number of positive results allowed before a set fails to meet the regulatory standards. A *Salmonella* test is positive when any *Salmonella* organisms are found.

### **SALMONELLA PERFORMANCE STANDARDS**

| Class of product | Performance Standard (% positive for <i>Salmonella</i> ) | Number of samples tested (n) | Maximum number of positives [allowed] to achieve Standard (c) |
|------------------|--|------------------------------|---|
| Steers/heifers   | 1.0  | 82                           | 1   |
| Cows/bulls       | 2.7  | 58                           | 2   |
| Ground beef      | 7.5  | 53                           | 5   |
| Hogs             | 8.7  | 55                           | 6   |
| Fresh pork       | N/A  | N/A                          | N/A   |
| sausages         | 20.0   | 51                           | 12  |
| Broilers         | 44.6   | 53                           | 26  |
| Ground chicken   | 49.9   | 53                           | 29  |
| Ground turkey    | N/A  | N/A                          | N/A   |
| Turkeys          |  |                              |   |

The chart above is taken from the regulations and shows that the performance standards specify a maximum number of positive test results (c) permitted in a specified number of samples (n) for each species and category of raw product. Here's how to use this chart. Consider steers and heifers. The performance standard is set at 1%. To meet this standard an establishment can have no more than one positive sample result (c) out of every set of 82 carcasses (n) sampled.