Do humans and dogs contract Salmonella & E.coli from dog food?

This survey was conducted to find evidence of humans or dogs contracting Salmonella or EColi from raw or processed dog food. A SurveyMonkey questionnaire was posted on Facebook on 27th Sep ‘14. The first 1,000 respondents were included, reporting their lifetime experience of Salmonella and Ecoli in humans and dogs. At the time of the survey they were keeping 2448* dogs, and the survey closed on 29th Sep ‘14.

699 respondents were feeding raw dog food. 301 respondents were feeding processed dog food, comprising wet, dry and home-cooked varieties.

HUMANS
No humans had contracted Salmonella or E.coli from dogs or any type of dog food.

There were 32 cases of humans having contracted Salmonella or E.coli. Most cases were due to either prepared food from takeaways and eating out, or undercooked home prepared food. There were also a few cases due to hospital infections.

DOGS
No dogs had contracted Salmonella or E.coli from raw dog food.

3 dogs had contracted Salmonella or E.coli from dry dog food.

5 other dogs had contracted Ecoli from other causes, included wounds and infections.

SURVEY CONCLUSIONS
Salmonella and E.coli are present in many foodstuffs, and this survey confirms that the risks to humans are predominantly due to poor handling, preparation and cooking of human food. The risk posed to humans and dogs by dog food is negligible by comparison.

The fact that there were NO cases of Salmonella and E.coli in dogs due to raw dog food, may be explained by the fact that raw food can be inspected before feeding, and it does not require much preparation or handling, or cooking, which are the big risk factors.

The fact that dry dog food was the only food-related source of dogs contracting Salmonella and E.coli, may be explained by the large-scale sourcing of variable quality ingredients, the extensive handling, preparation and cooking processes involved, and the fact that it is virtually impossible for dog owners to see or smell any problems with the resultant “nuggets” or “kibbles”.

* Respondents stating that they had “11 or more” dogs were counted as 11 dogs.