

New Zealand Food Safety

Haumaru Kai Aotearoa

From Data to Impact: Four imperatives for turning information into action

The Governance Imperative

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Reducing Foodborne Campylobacteriosis in New Zealand

A 27-year odyssey

Campylobacter Capital of the World *Dr Norman Stern, USDA-ARS (2005)*

- **How did we get this reputation?**
 - Eating raw chicken is NOT a national pastime!
 - *EpiSurv*: National standardized infectious disease notification system
 - *Annual Foodborne Disease Reports*: Baseline profile of food safety indicators - a powerful tool to judge actions
- **Knowledge tools that offered a solution?**
 - Extensive attribution (outbreak investigation, molecular & expert elicitation) and research programmes¹
 - *National Microbiological Database* (NMD) monitoring programme for broiler chicken carcasses²
 - *Campylobacter* Strategy, and *Campylobacter* Action Plan³
 - Food safety culture – lead from the top

GOVERNANCE

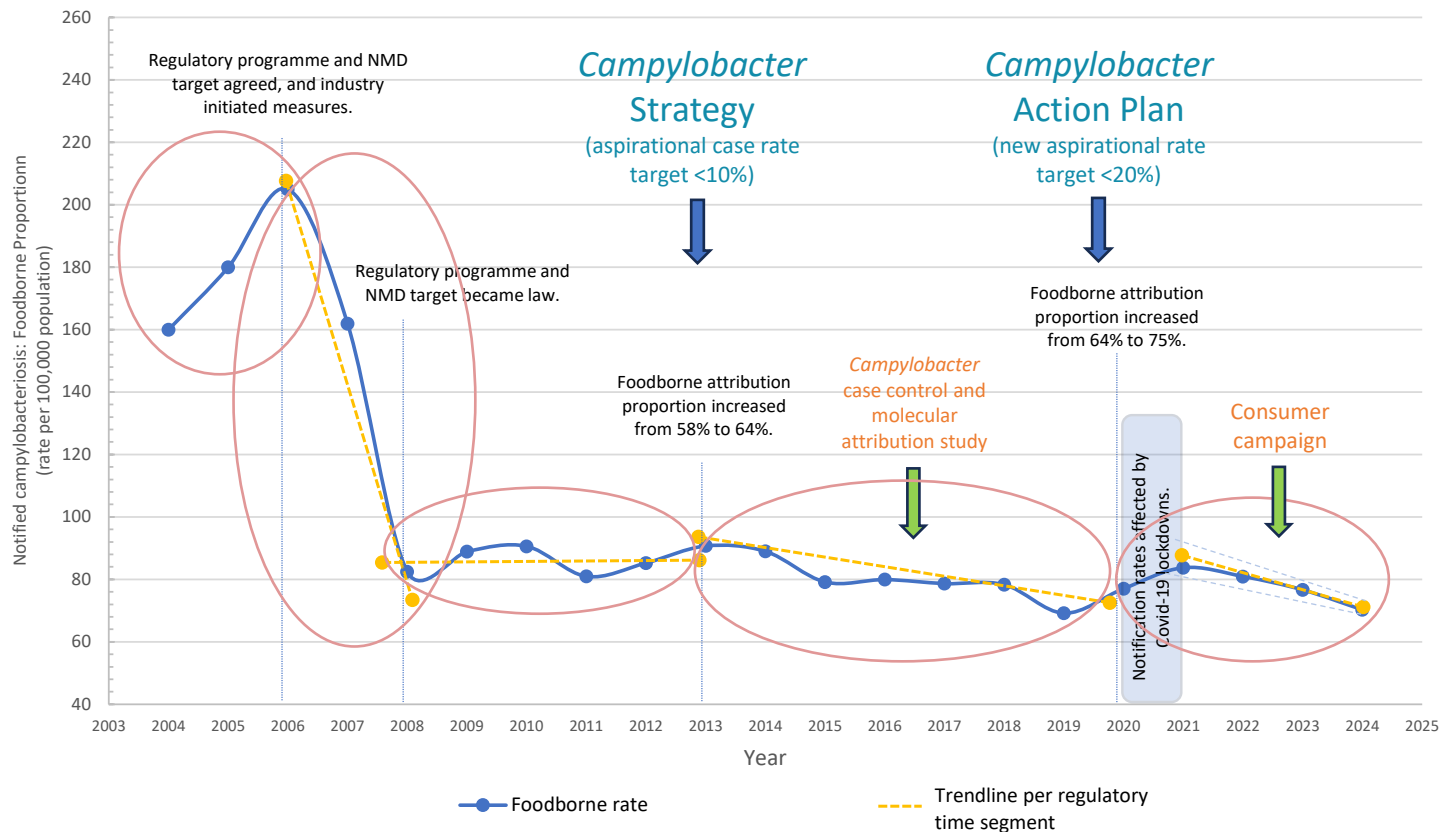
Ownership from Minister to consumer

¹ www.mpi.govt.nz/science/food-safety-and-suitability-research/human-health-surveillance-and-attribution-programme/

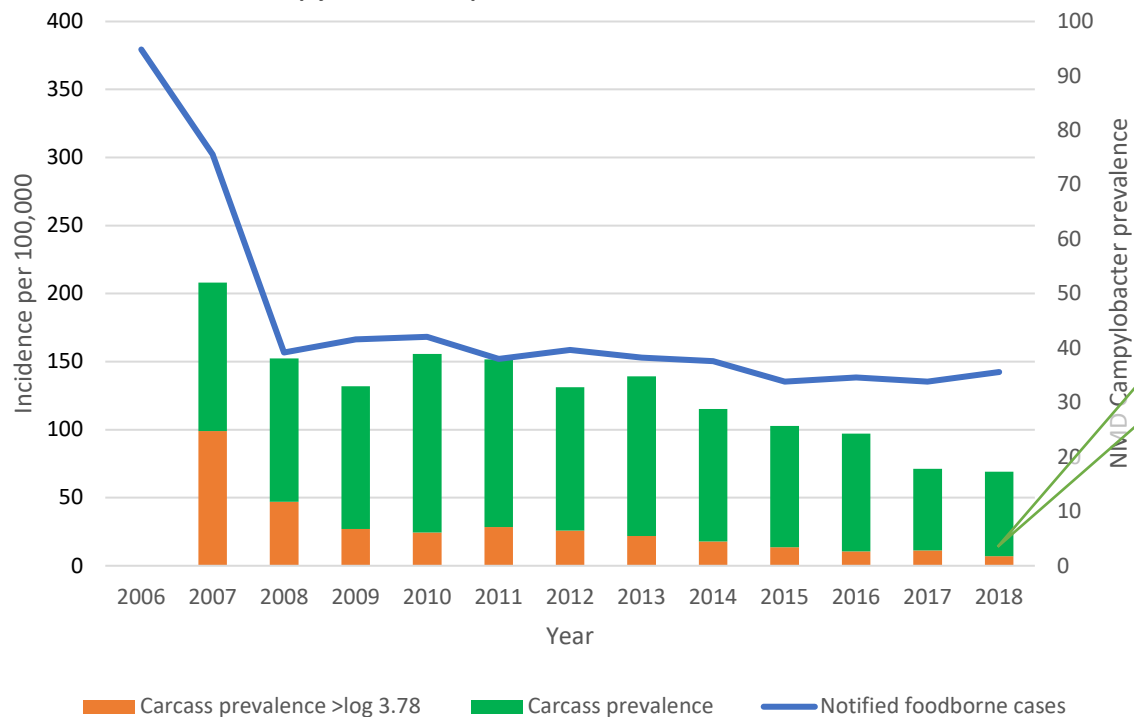
² www.mpi.govt.nz/food-business/food-monitoring-surveillance/national-microbiological-database-programme-meat/national-microbiological-database-programme/

³ www.mpi.govt.nz/dmsdocument/22375/direct





Campylobacteriosis notification rate, and NMD *Campylobacter* prevalence on broiler carcasses



Reducing
proportion of
high to low
counts



