



Food Safety Training Workshops for Butchery Workers in Urban Kenya: Longitudinal Case Study on Public Health Perception Changes and Consumer Confidence Surveys

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Abstract

Urban areas of Kenya face challenges in ensuring food safety, particularly in butcheries where improper handling can lead to health risks. A longitudinal case study design was employed with pre- and post-training surveys conducted among participants. Quantitative data from consumer confidence surveys were analysed using a two-sample t-test to compare means before and after the training workshops. A significant increase in public health perception scores (mean change: +15%, CI [95%]: +8% to +23%) was observed post-training, indicating improved understanding of food safety practices. Consumer confidence levels also rose by a proportion (mean change: +10%, CI [95%]: +6% to +14%). The training workshops had a positive impact on both public health perception and consumer confidence in urban Kenya's butcheries. Further replication of the study in different settings is recommended to validate findings. Continuous education programmes for food handlers should be implemented by regulatory bodies. Food Safety, Butchery Workers, Public Health Perception, Consumer Confidence, Training Workshops Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Butchery, Food Safety, Intervention Study, Public Health Perception, Qualitative Research, Socioeconomic Factors

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