

Supplementary Table S3.

Codebook

Theme 1: The current system for monitoring food production

Category	Code	Code description
Epidemiological investigations	Pathogen testing and case detection	<i>Animals, meat, humans, and the environment can all be tested for pathogens. The results need to be properly communicated for case detection.</i>
	Follow-up of confirmed cases (test & slaughter)	<i>Once a case is detected, action must follow.</i>
Surveillance tools	Periodic examinations (from farm to fork)	<i>Regularly conducted examinations (by eye or laboratory testing) without suspicion at different stages along the food production chain: farms, transport, slaughter, markets, and food products.</i>
	Licensing of farms	<i>Palestinian law requires licensing of all farms, but many farms are unlicensed (random farms).</i>
	Veterinary health certificates	<i>Veterinary health certificates must be issued by a recognized veterinarian before slaughter.</i>

Theme 2: Regulatory authorities with responsibilities relevant to food safety

Category	Code	Code description
Organization of regulatory authorities	Responsibilities of the regulatory authorities	<i>Clear role distribution between regulatory authorities.</i>
	Cooperation between regulatory authorities	<i>Regulatory authorities working together on a particular issue.</i>
	Overlaps/conflicts between regulatory authorities	<i>Lack of clear role distribution between regulatory authorities.</i>
Initiatives and strategies	Toward a national food safety surveillance	<i>Advances toward a national food safety surveillance plan and its implementation.</i>
	Toward a national AMR surveillance	<i>Advances toward a national AMR surveillance plan and its implementation.</i>

Theme 3: Public health

Category	Code	Code description
Drugs in human and veterinary medicine	Human medicine: drug prescription and use	<i>Standards, regulations, and usage of drugs, especially antimicrobials, in human medicine.</i>
	Veterinary medicine: drug prescription and use	<i>Standards, regulations, and usage of drugs, especially antimicrobials, in veterinary medicine with a focus on adherence to the safety period/withdrawal period.</i>
	Drug residues and AMR	<i>Drug residues in meat or the environment and the associated growing AMR.</i>
Worker health and safety	Health insurance	<i>Health insurance system for workers involved in the food production chain (farmers, butchers, traders, veterinarians, etc.).</i>
	Financial insurance and economic incentives	<i>Financial insurance system for workers involved in the food production chain (farmers, butchers, traders, veterinarians, etc.) In the context of their economic incentives.</i>
	Legal protection	<i>Legal protection of workers involved in the food production chain (farmers, butchers, traders, veterinarians, etc.).</i>
Consumer health and safety	Hygiene practices and contamination (along the food production chain)	<i>Hygiene practices and associated contamination from farm to fork (farms, transport, slaughter, markets) threatening consumer health and safety.</i>
	<i>Salmonella</i> as an indicator of inadequate hygiene practices (in poultry production)	<i>Salmonella contamination in poultry production as a prime example of consumer health and safety hazards.</i>

Prevention measures for food safety

Measures to prevent foodborne disease may include vaccinations, pasteurization, raising consumers' awareness, the guidance of farmers, etc.

Theme 4: Available infrastructure and capacity building

Category	Code	Code description
Expanding Infrastructure	Laboratories	<i>Requirements for laboratories in the context of food safety monitoring.</i>
	Slaughterhouses	<i>Requirements for slaughterhouses in the context of food safety monitoring.</i>
Expanding human resources	Veterinary services	<i>Expansion of veterinary services in terms of veterinarians' education, training, availability, etc.</i>
	Food and health inspectors	<i>Expansion of services provided by food and health inspectors in terms of inspectors' education, training, availability, etc.</i>

Theme 5: Political and legal context

Category	Code	Code description
Palestinian policy	Gap between the private and government sector	<i>Gaps between the private and government sector can manifest themselves through lacking guidance for farmers etc.</i>
	Regional differences	<i>Differences between Palestinian regions A, B, and C as well as differences between provinces or cities.</i>
	Covid-19 consequences	<i>Direct and indirect consequences of the Covid-19 pandemic.</i>
Palestinian legislation	Food law	<i>The role and importance of the Palestinian food law in the context of food safety.</i>
	Border control and smuggling	<i>Imports and exports of animals and food products to and from Palestine.</i>