

Appendix A: Supplementary Table I–Comparison of PHI of the intervention and control groups by extent of agreement to statements related to implementation of legislation on food safety before and after intervention: a) Enactments b) Training c) Support services d) Other factors

Supplementary Table 1a

Statement	Intervention Group						Significance	Control Group						Significance
	Pre n=105			Post n=102				Pre n=109			Post n=105			
	A (%)	U (%)	D (%)	A (%)	U (%)	D (%)		A (%)	U (%)	D (%)	A (%)	U (%)	D (%)	
a) Enactments														
Currently available legal provisions are adequate for maintenance of food safety and hygiene	42 (40.0)	13 (12.3)	50 (47.7)	53 (52.0)	10 (9.8)	39 (38.2)	NS	49 (44.9)	4 (3.7)	56 (51.4)	52 (49.5)	5 (4.8)	48 (45.7)	NS
Food safety can be maintained satisfactorily by educating and training of food handlers as against taking legal action	35 (33.3)	7 (6.7)	63 (60.0)	38 (37.2)	7 (6.9)	57 (55.9)	NS	39 (35.8)	7 (6.4)	63 (57.8)	36 (34.3)	6 (5.7)	63 (60.0)	NS
Increase control over advertisements on food would facilitate maintaining food safety	90 (85.7)	6 (5.7)	9 (8.6)	91 (89.2)	4 (3.9)	7 (6.9)	NS	85 (78.0)	19 (17.4)	5 (4.6)	86 (81.9)	15 (14.3)	4 (3.8)	NS

Note: Significance tested by Chi Square Test, NS – Not Significant ($P \geq 0.05$), A – Agree, U – Undecided, D - Disagree

Supplementary Table 1b

Statement	Intervention Group						Significance	Control Group						Significance
	Pre n=105			Post n=102				Pre n=109			Post n=105			
	A (%)	U (%)	D (%)	A (%)	U (%)	D (%)		A (%)	U (%)	D (%)	A (%)	U (%)	D (%)	
b) Training														
The basic training received by the PHI on food legislation is adequate to meet the needs and challenges in food safety activities	11 (10.5)	5 (4.8)	89 (84.7)	6 (5.9)	6 (5.9)	90 (88.2)	NS	13 (11.9)	3 (2.7)	93 (85.4)	13 (12.4)	2 (1.9)	90 (85.7)	NS
Currently available opportunities for in-service training on food safety are adequate	6 (5.7)	18 (17.1)	81 (77.2)	7 (6.9)	9 (8.8)	86 (84.3)	NS	4 (3.7)	8 (7.3)	97 (89.0)	6 (5.7)	4 (3.8)	95 (90.5)	NS
Knowledge and skills received at in-service training on food safety will be useful and motivates the PHI to carry out activities on food safety	68 (64.8)	17 (16.2)	20 (19.0)	92 (90.2)	6 (5.9)	4 (3.9)	$\chi^2=1$ 9.49 P=0.000	78 (71.6)	13 (11.9)	18 (16.5)	80 (76.2)	16 (15.2)	9 (8.6)	NS

Note: Significance tested by Chi Square Test, NS – Not Significant ($P \geq 0.05$), A – Agree, U – Undecided, D - Disagree

Supplementary Table 1c

Statement	Intervention Group						Significance	Control Group						Significance
	Pre n=105			Post n=102				Pre n=109			Post n=105			
	A (%)	U (%)	D (%)	A (%)	U (%)	D (%)		A (%)	U (%)	D (%)	A (%)	U (%)	D (%)	
c). Support services														
<i>Following factors are at a satisfactory level for the successful implementation of legislation in food safety</i>														
⇒The support from the supervising officers	59 (56.2)	10 (9.5)	36 (34.3)	62 (60.8)	11 (10.8)	29 (28.4)	NS	55 (50.5)	8 (7.3)	46 (42.2)	50 (47.6)	14 (13.3)	41 (39.1)	NS
⇒The support from local Authorities	31 (29.5)	11 (10.5)	63 (60.0)	29 (28.4)	9 (8.8)	64 (62.8)	NS	53 (48.7)	9 (8.2)	47 (43.1)	51 (48.6)	5 (4.7)	49 (46.7)	NS
⇒Available transport Facilities	15 (14.3)	9 (8.6)	81 (77.1)	16 (15.7)	4 (3.9)	82 (80.4)	NS	16 (14.7)	14 (12.8)	79 (72.5)	18 (17.1)	16 (15.3)	71 (67.6)	NS
⇒Available funds	25 (23.8)	8 (7.6)	72 (68.6)	24 (23.5)	11 (10.8)	67 (65.7)	NS	36 (33.0)	10 (9.2)	63 (57.8)	31 (29.5)	8 (7.6)	66 (62.9)	NS
⇒Available laboratory Facilities	11 (10.5)	9 (8.6)	85 (80.9)	7 (6.8)	5 (4.9)	90 (88.3)	NS	13 (12.0)	11 (10.1)	85 (77.9)	10 (9.5)	9 (8.6)	86 (81.9)	NS
Availability of a standard set of equipments for food sampling will facilitate food-sampling	91 (86.6)	9 (8.6)	5 (4.8)	94 (92.2)	5 (4.9)	3 (2.9)	NS	102 (93.6)	3 (2.7)	4 (3.7)	98 (93.3)	5 (4.8)	2 (1.9)	NS

Note: Significance tested by Chi Square Test, NS – Not Significant ($P \geq 0.05$), A – Agree, U – Undecided, D - Disagree

Supplementary Table 1d

Statement	Intervention Group						Significance	Control Group						Significance
	Pre n=105			Post n=102				Pre n=109			Post n=105			
	A (%)	U (%)	D (%)	A (%)	U (%)	D (%)		A (%)	U (%)	D (%)	A (%)	U (%)	D (%)	
d). Other factors														
Even though limited time is available for food safety activities due to various other duties, it is not an obstacle in carrying out food safety activities successfully	66 (62.8)	11 (10.5)	28 (26.7)	71 (69.6)	5 (4.9)	26 (25.5)	NS	59 (54.1)	9 (8.2)	41 (37.7)	61 (58.1)	14 (13.3)	30 (28.6)	NS
Activities on legislation related to food safety can be carried out successfully when there is no political interference.	73 (69.6)	14 (13.3)	18 (17.1)	70 (68.6)	18 (17.7)	14 (13.7)	NS	69 (63.3)	8 (7.3)	32 (29.4)	66 (62.9)	6 (5.7)	33 (31.4)	NS
Giving priority to food safety activities in the duties of the PHI will have a major effect in improving health of the community	96 (91.5)	3 (2.8)	6 (5.7)	97 (95.2)	3 (2.9)	2 (1.9)	NS	101 (92.6)	1 (0.9)	7 (6.5)	98 (93.3)	3 (2.9)	4 (3.8)	NS

Note: Significance tested by Chi Square Test, NS – Not Significant ($P \geq 0.05$), A – Agree, U – Undecided, D - Disagree