

**Table 4 Positive responses to practices questions before and after the educational intervention about solid waste management**

Practice item	Positive responses to item						Statistics					
	Before (total group) (n = 306)		After (intervention group) (n = 150)		After (control group) (n = 146)		Before vs intervention group		Before vs control group		Intervention vs control group	
	No	%	No	%	No	%	$\chi^2$	P-value	$\chi^2$	P-value	$\chi^2$	P-value
<b><i>Where do you collect household waste?</i></b>												
In a bag inside closed container	61	19.9	134	89.3	30	20.5	195	< 0.001	0	1	139	< 0.001
In a bag inside open container	43	14.1	6	4.0	21	14.4	9.5	< 0.001	0	1	8.4	< 0.001
In a closed container	62	20.3	4	2.7	29	19.9	23.7	< 0.001	0	1	20.3	< 0.001
In an open container	106	34.6	4	2.7	50	34.2	54.4	< 0.001	0	1	47.3	< 0.001
In a bag	34	11.1	2	1.3	16	11.0	11.9	< 0.001	0	1	10.3	< 0.001
<b><i>How do you eliminate household waste?</i></b>												
Throw it in the nearest container	90	29.4	95	63.3	44	30.1	46.6	< 0.001	0.01	0.9	33.5	< 0.001
Place it outside door when collectors pass	54	17.6	46	30.7	26	17.8	9.2	< 0.001	0.01	0.9	5.9	< 0.001
Place it in the street when bag is full	162	52.9	9	6.0	76	52.1	92.6	< 0.001	0.01	0.9	13.1	< 0.001
<b><i>Which kind of waste you separate from other household waste?</i></b>												
Metal	12	3.9	138	92.0	7	4.8	395	< 0.001	0.03	0.8	222	< 0.001
Glass bottles	11	3.6	143	95.3	5	3.4	360	< 0.001	0.12	0.7	222	< 0.001
Paper and cartons	10	3.3	140	93.3	5	3.4	366	< 0.001	0.04	0.8	236	< 0.001
Batteries	3	1.0	138	92.0	2	1.4	386	< 0.001	0.01	0.9	240	< 0.001
Plastic containers	5	1.6	140	93.3	2	1.4	386	< 0.001	0.1	0.7	257	< 0.001
Organic materials	2	0.7	143	95.3	1	0.7	412	< 0.001	0.1	0.7	262	< 0.001
Medical waste	2	0.7	138	92.0	1	0.7	390	< 0.001	0.1	0.7	244	< 0.001
Textiles	2	0.7	130	86.7	1	0.7	358	< 0.001	0.1	0.7	218	< 0.001
<b><i>Which kind of waste do you reuse?</i></b>												
Glass bottles	3	1.0	143	95.3	5	3.4	407	< 0.001	2.1	0.1	246	< 0.001
Computer CDs	2	0.7	130	86.7	1	0.7	358	< 0.001	0.3	0.5	218	< 0.001
Paper and cartons	2	0.7	140	93.3	5	3.4	11.9	< 0.001	3.0	0.06	236	< 0.001
Plastic containers	5	1.6	140	93.3	2	1.4	386	< 0.001	0.04	0.8	247	< 0.001
Organic materials	2	0.7	143	95.3	1	0.7	412	< 0.001	0.3	0.5	247	< 0.001
Textiles	3	1.0	130	86.7	1	0.7	354	< 0.001	0.05	0.8	218	< 0.001